

## Johnson, Sabrina O

---

**From:** Tafuni, Steven  
**Sent:** Tuesday, September 17, 2019 7:34 AM  
**To:** SWD\_Waste  
**Subject:** FW: Southeast County Landfill OGC File No. 17-0058 - Liquid Assessment Monitoring Monthly Progress Report for August 2019  
**Attachments:** 20190916 August Liquid Assessment Monitoring Monthly Report.pdf

### *Steven Tafuni*

FDEP-SWD, Government Operations Consultant,  
Compliance Assurance Program  
13051 N. Telecom Pkwy  
Temple Terrace, FL 33637-0926  
tel: 813-470-5792  
E-mail: [Steven.Tafuni@floridadep.gov](mailto:Steven.Tafuni@floridadep.gov)

---

**From:** Spradlin, Kollan <KSpradlin@scsengineers.com>  
**Sent:** Monday, September 16, 2019 5:39 PM  
**To:** Tafuni, Steven <Steven.Tafuni@FloridaDEP.gov>  
**Cc:** Madden, Melissa <Melissa.Madden@FloridaDEP.gov>; Morgan, Steve <Steve.Morgan@FloridaDEP.gov>; Dilmore, Cory <Cory.Dilmore@FloridaDEP.gov>; Byer, Kimberly <ByerK@hillsboroughcounty.org>; RuizLE@hillsboroughcounty.org; O'Neill, Joseph(Hillsborough County <oneillj@HCFLGov.net>; Michael Townsel <TownselM@hillsboroughcounty.org>; Chamberlain, Justin <Justin.Chamberlain@FloridaDEP.gov>; Devitt, Caroline <CDevitt@scsengineers.com>; Susan <Susan@PelzEnvServices.com>; ttown@ufl.edu; steven.laux@essie.ufl.edu; Ciaravella, Philip <Philip.Ciaravella@FloridaDEP.gov>; Curtis, Bob <BCurtis@scsengineers.com>; WiesmanR@hillsboroughcounty.org; Aurit, Carrie <CAurit@scsengineers.com>; Arney, Trent <TArney@scsengineers.com>  
**Subject:** Southeast County Landfill OGC File No. 17-0058 - Liquid Assessment Monitoring Monthly Progress Report for August 2019

Dear Mr. Tafuni,

On behalf of Hillsborough County Public Utilities Department, Solid Waste Management Division, SCS Engineers is submitting the attached PDF of the August 2019 monthly progress report for the liquid assessment monitoring and dewatering activities completed at the Southeast County Landfill. This update is being submitted as a requirement of condition 9.(f) of the July 28, 2017 Consent Agreement between the State of Florida Department of Environmental Protection and Hillsborough County.

Please contact Kollan Spradlin (813-804-6706) if you have any questions or require additional information.

Thank you,

Kollan Spradlin, PE, CHMM  
Senior Project Professional  
SCS Engineers  
3922 Coconut Palm Drive, Suite 102

Tampa, Florida 33619  
813-804-6706 (W)  
813-955-4906 (C)  
[KSpradlin@scsengineers.com](mailto:KSpradlin@scsengineers.com)

**Driven by Client Success**  
[www.scsengineers.com](http://www.scsengineers.com)

# Liquid Assessment Monitoring Monthly Progress Report for August 2019

## Southeast County Landfill Lithia, Florida

Hillsborough County Public Utilities Department  
Solid Waste Management Division  
332 North Falkenburg Road  
Tampa, Florida 33619



**Hillsborough**  
**County** Florida

**SCS ENGINEERS**

File No. 09215600.08 | September 16, 2019

3922 Coconut Palm Drive, Suite 102

Tampa, FL 33619

813-621-0080

LIQUID ASSESSMENT MONITORING  
MONTHLY PROGRESS REPORT  
FOR AUGUST 2019

Southeast County Landfill  
Lithia, Florida

**Submitted to:**

Hillsborough County  
Public Utilities Department  
Solid Waste Management Division  
332 North Falkenburg Road  
Tampa, Florida 33619

**Prepared by:**

**SCS ENGINEERS**  
3922 Coconut Palm Drive, Suite 102  
Tampa, Florida 33619  
(813)-621-0080

September 16, 2019  
File No. 09215600.08



---

Kollan L. Spradlin, P.E.  
No. 82852

## Table of Contents

| Section                                                                           | Page |
|-----------------------------------------------------------------------------------|------|
| 1 Introduction .....                                                              | 1    |
| 2 Leachate Pumpage Data .....                                                     | 1    |
| 2.1 Supplemental Dewatering Locations .....                                       | 1    |
| 2.1.1 Landfill Gas Extraction Well Network Phases I – VI .....                    | 1    |
| 2.1.2 Pump Station 2.....                                                         | 1    |
| 2.1.3 Dewatering Wells.....                                                       | 2    |
| 2.2 Supplemental Leachate Pumpage Data .....                                      | 2    |
| 2.3 Supplemental Leachate Pumpage Data Observations for August 2019.....          | 3    |
| 3 Piezometer Readings .....                                                       | 3    |
| 3.1 Series-1 Piezometer and Precipitation Data Observations for August 2019 ..... | 4    |
| 3.2 Response of Series-2 Piezometers .....                                        | 4    |
| 3.3 Phase II Cut-off Trench .....                                                 | 4    |
| 4 Liquid Removal Activities .....                                                 | 4    |
| 5 Water Balance .....                                                             | 4    |
| 6 Water Quality .....                                                             | 5    |
| 6.1 Quarterly Sampling and Analysis.....                                          | 5    |
| 7 Recent Activities .....                                                         | 5    |
| 7.1 Subsurface Conductivity Survey .....                                          | 5    |
| 7.2 Intermediate Cover Inspection .....                                           | 5    |
| 8 Conclusions .....                                                               | 5    |

## List of Tables

Table 1          Summary of August 2019 Pumping Data

## List of Figures

Figure 1          Map of Supplemental Dewatering Locations

Figure 2          Map of Piezometers and Monitoring Points

## Appendices

**Appendix A** Daily Pumpage Data and Graphs

**Appendix B** Weekly Water Level and Precipitation Data

**Appendix C** August 2019 Water Balance

**Appendix D** Groundwater Quality Trends

**Appendix E** Map of Low Areas with Poor Drainage

# 1 INTRODUCTION

On behalf of Hillsborough County, Solid Waste Management Division (SWMD), SCS Engineers (SCS) is submitting this report to present the August 2019 monthly progress for the liquid assessment monitoring and dewatering activities completed at the Southeast County Landfill (SCLF) located in Lithia, Florida. This update is being submitted as a requirement of condition 9.(f) of the July 28, 2017, Consent Agreement between the State of Florida Department of Environmental Protection (FDEP) and Hillsborough County, Florida (the County). Condition 9.(f) states that the County shall submit a monthly progress report that, “shall include the preceding monthly leachate generation rates and weekly piezometers readings for the site.”

Progress reports have been submitted monthly since July 2017. The following sections update and summarize data collected and actions initiated for the month of August 2019. Leachate pumpage data, piezometer readings, and dewatering activities are addressed below.

## 2 LEACHATE PUMPAGE DATA

Historically, a pump at permanent Pump Station B (PS-B) has removed leachate from Phases I-VI. As part of the on-going supplemental leachate removal at the SCLF, the SWMD has been pumping from additional locations. The supplemental pump locations are shown in **Figure 1**. The daily leachate pumpage data through the end of August 2019 is provided in **Appendix A**.

### 2.1 SUPPLEMENTAL DEWATERING LOCATIONS

#### 2.1.1 Landfill Gas Extraction Well Network Phases I – VI

The SWMD has installed pneumatic pumps in existing Landfill Gas (LFG) Extraction Wells (EW) and Condensate Traps (CT) in the Phase I and II areas. Pumps were installed in four LFG EWs (EW-38, EW-44, EW-48, and EW-66) and three CTs (CT-1, CT-2, and CT-3). Air supply lines to operate the pumps and discharge lines were connected to the existing LFG system. On July 30, 2019, the pneumatic pump in EW-38 was moved to Horizontal Collector 17 (HC-17) due to low pumpage rates in EW-38.

#### 2.1.2 Pump Station 2

Following the installation of the cut-off trench along the eastern and southern sides of Phase II, a suction line connected to a temporary vacuum assisted diesel pump was installed in the cleanout of the header pipe, Cleanout 2-1. This pump station was designated as Pump Station 2 (PS-2). The diesel pump at PS-2 conveyed leachate from Phase II to the Main Leachate Pump Station (MLPS).

The diesel PS-2 pump was temporarily moved from CO 2-1 to CO 2-3 on March 25, 2019 in preparation for the PS-2 containment pad construction. Construction of the containment pad was completed on July 18, 2019 and pumping at PS-2 commenced using the new Godwin CD 100M electric vacuum assisted pump.

The SWMD previously operated two additional pumping locations in Phase II that have since been removed due to insufficient liquid quantities at these locations. Temporary Pump Station 2 operated from February 2017 through August 2017. Temporary Pump Station 2B operated from August 2017 through December 2017. **Appendix A** includes the historical pumping data from these two pump locations.

### 2.1.3 Dewatering Wells

In May 2017, two leachate dewatering wells, with two pumps each, were installed in Phases I and II. The wells extend through the waste and drainage sand to the top of clay. The dewatering wells in Phase I are referred to as DW 1-1 and DW 1-2. The dewatering wells in Phase II are referred to as DW 2-1 and DW 2-2. A set of pneumatic pumps were installed in each of these wells in order to pump leachate from the lower waste and drainage sand layer, thus removing leachate at the lowest elevation possible.

## 2.2 SUPPLEMENTAL LEACHATE PUMPAGE DATA

As part of the on-going investigation of liquid, the SWMD collects pumping data from each of the supplemental dewatering locations described above. **Table 1** summarizes the monthly pumping totals for August 2019.

Table 1. Summary of August 2019 Supplemental Pumping Data

| Pump         | Phase | Days Operation* | Monthly Total (Gallons) | Increase or Decrease in Monthly Total from Previous Month | Daily Avg (GPD) |
|--------------|-------|-----------------|-------------------------|-----------------------------------------------------------|-----------------|
| CT-1         | II    | 29              | 2,993                   | ↓                                                         | 103             |
| CT-2         | I     | 29              | 12,881                  | ↑                                                         | 444             |
| CT-3         | I     | 0               | -                       | -                                                         | -               |
| EW-38        | II    | 0               | -                       | -                                                         | -               |
| EW-44        | I     | 8               | 3,111                   | ↓                                                         | 389             |
| EW-48        | I     | 29              | 33,471                  | ↑                                                         | 1,154           |
| EW-66        | II    | 14              | 15,035                  | ↑                                                         | 1,074           |
| HC-17        | II    | 22              | 19,896                  | ↑                                                         | 904             |
| DW 1-1       | I     | 23              | 32,261                  | ↓                                                         | 1,403           |
| DW 1-2       | I     | 27              | 27,000                  | ↑                                                         | 1,000           |
| DW 2-1       | II    | 30              | 23,526                  | ↓                                                         | 784             |
| DW 2-2       | II    | 4               | 102                     | ↑                                                         | 26              |
| PS-2         | II    | 31              | 718,843                 | ↑                                                         | 23,188          |
| August Total |       |                 | <b>889,119</b>          |                                                           | <b>28,681</b>   |

\* For the purpose of this evaluation, a pump is only considered "operational" if it pumps over 10 gallons in one day.

## 2.3 SUPPLEMENTAL LEACHATE PUMPAGE DATA OBSERVATIONS FOR AUGUST 2019

- A total of approximately 889,119 gallons was removed from the Phase I, II, and III areas from supplemental pumping in August 2019.
- During August 2019, the total pumpage increased by approximately 355,717 gallons compared to July 2019.
- PS-2 pumped a total of 718,843 gallons over 31 days in August, for an average of 23,188 GPD.
- The pneumatic pumps installed in LFG extraction wells EW-44, EW-48, and EW-66, horizontal collector HC-17, and condensate traps CT-1 and CT-2 removed approximately 2,819 (avg.) GPD combined in August 2019.
- CT-3 was dry during the month of August.
- DW 1-1 and DW 1-2 pumped for 23 and 27 days respectively, and averaged 1,403 GPD and 1,000 GPD respectively, during the month of August.
- DW 2-1 and 2-2 pumped for 30 and 4 days respectively, and averaged 784 and 26 GPD respectively, during the month of August.

## 3 PIEZOMETER READINGS

As part of the on-going evaluation of liquid, the SWMD measures piezometer liquid levels once a week. Piezometers are differentiated by two construction types, Series-1 and Series-2. The Series-1 piezometers are screened in the drainage sand and waste. The Series-2 piezometers are screened in the drainage sand layer only. Locations of the current monitoring points are shown in **Figure 2**.

Additionally, daily precipitation data is collected from multiple rain gauges across the site and averaged for a daily rainfall total that is then presented as cumulative weekly rainfall. Weekly water level and precipitation data collected through the end of August is presented in **Appendix B**. Daily precipitation data is available in the water balance report in **Appendix C**. An average of 10.78 inches of rain was recorded at the on-site rain gauges in August.



### **3.1 SERIES-1 PIEZOMETER AND PRECIPITATION DATA OBSERVATIONS FOR AUGUST 2019**

Following consent from the FDEP, the SWMD completed the abandonment of Series-1 piezometers SB-01, SB-02, SB-03, SB-05, SB-19S, SB-23S, and SB-26. These locations are no longer monitored. Historical liquid level readings for these piezometers are presented in **Appendix B**.

Three Series-1 piezometers, SB-29, SB-30, and SB-32, remain functional and are monitored weekly. Liquid levels decreased in SB-32 and SB-29 and increased in SB-30 during the month of August.

### **3.2 RESPONSE OF SERIES-2 PIEZOMETERS**

During August, liquid levels in most Series-2 piezometers increased compared to July 2019. At most locations the liquid levels in the Series-2 piezometers during August 2019 are within 1 foot of levels in August 2018.

A review of historical trends shows a declining trend in liquid levels in most Series-2 piezometers from October 2017 to May 2018. The liquid levels were steady in May and June 2018, slowly increasing in July and August 2018, steady from September to December 2018, and decreasing from January through February 2019 (**Appendix B**). Liquid levels in most Series-2 piezometers remained steady from March 2019 through June 2019, showed a slight decrease from June to July 2019, and increased in August 2019.

### **3.3 PHASE II CUT-OFF TRENCH**

Monitoring and dewatering of the cut-off trench continued through August 2019. The liquid levels in monitoring points MP 2-2 and MP 2-3 remained below two feet during August 2019. MP 1-4 was dry during August 2019. Liquid in the cut-off trench continues to flow to the Phase II header.

## **4 LIQUID REMOVAL ACTIVITIES**

The SWMD has been following the activities outlined in the Corrective Action Plan (CAP) submitted to the FDEP on June 26, 2017. The SWMD submitted a revised CAP to the FDEP on July 16, 2018. Upon acceptance of the final submittal by the FDEP, the SWMD will begin to implement any changes in activities per the revised CAP.

## **5 WATER BALANCE**

Per the Consent Agreement, the SWMD has been submitting monthly water balance reports to the FDEP prior to the 15<sup>th</sup> of each month. These reports contain leachate pumpage and storage data at the SCLF. A copy of the August 2019 Water Balance letter is presented in **Appendix C**. On August 17<sup>th</sup> and 27<sup>th</sup>, the telemetry system temporarily stopped pumping at PS-B due to a leachate storage tank high level alarm. In response to the high level alarm, leachate was hauled until the storage tank measurements returned to normal and PS-B resumed normal operation. Tank 1 at the LTRF was offline due to ongoing maintenance during August 2019, leaving only Tank 6 available for storage. SWMD expects that the LTRF will recommence leachate treatment operations in September 2019.

## 6 WATER QUALITY

### 6.1 QUARTERLY SAMPLING AND ANALYSIS

Per Condition 10 of the Consent Agreement, the SWMD continued supplemental quarterly evaluation monitoring of select groundwater monitoring wells. Seasonal fluctuations of the surficial aquifer have occurred in the past and the water quality is expected to improve as the seasonal level of the surficial aquifer rises.

Laboratory analytical results of the August 2017, November 2017, and February 2018 sampling events show improving water quality at TH-67, TH-79, and TH-83. The May 2018 and 2019 sampling events showed some fluctuation in concentrations, likely due to low rainfall during this period causing a lowered surficial aquifer. Results of the August 2018, November 2018, and February 2019 sampling events show improving water quality.

**Appendix D** shows groundwater trends for conductivity, TDS, chloride, sodium, and ammonia dating back to August 2015. The constituents demonstrate seasonal fluctuations (caused by water table fluctuations), however, overall water quality continues to demonstrate improvements since the corrective actions were implemented in early 2017. The parameters remain below the primary drinking water standards.

The August 2019 groundwater sampling event occurred on August 7 and 8, 2019. The laboratory analytical results will be provided to the FDEP within 60 days of the receipt of the laboratory results.

## 7 RECENT ACTIVITIES

### 7.1 SUBSURFACE CONDUCTIVITY SURVEY

On August 7 and 8, 2019, in conjunction with the August 2019 groundwater sampling event, Geoview conducted a subsurface conductivity survey. A memorandum regarding the August 2019 Subsurface Conductivity Survey will be submitted under separate cover upon completion.

### 7.2 INTERMEDIATE COVER INSPECTION

On August 23 and 29, 2019, SCS conducted a visual survey of the Phases I-VI intermediate cover to identify potential low spots with poor surface drainage. An SCS representative walked the landfill and field identified the location of low spots or areas with poor drainage shortly after a rain event using survey stakes. This survey was conducted in an effort to supplement regularly scheduled cover inspection and maintenance. SCS found that a majority of the poorly drained areas were a result of mowing equipment tire ruts. A map of the poorly drained areas identified for remediation is included as **Appendix E**. The areas identified by SCS were remediated in early September 2019.

## 8 CONCLUSIONS

The SWMD continues to conduct liquid level measurement and dewatering activities in an effort to gain a more comprehensive understanding of the leachate movement within the landfill and to expedite dewatering in Phases I and II. Based on the University of Florida report, the liquid levels in Series-2 piezometers are not reliable indicators for head over liner. However, the SWMD will continue to collect piezometer measurements in accordance with the Consent Agreement. The SWMD will also continue to pump supplemental locations and monitor leachate pumping rates.



## FIGURES

---

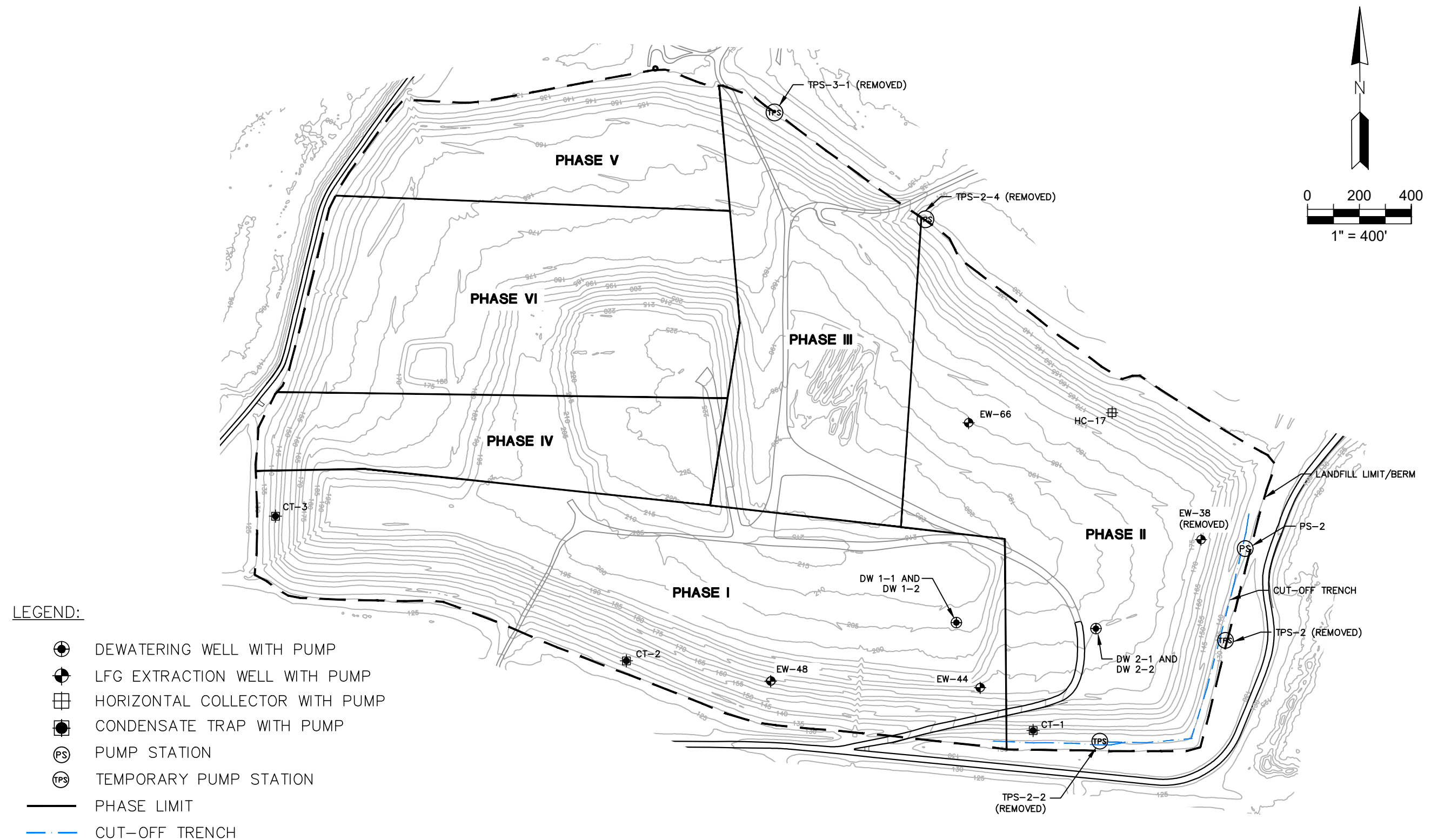


FIGURE 1. MAP OF SUPPLEMENTAL DEWATERING LOCATIONS  
SOUTHEAST COUNTY LANDFILL  
SEPTEMBER 2019

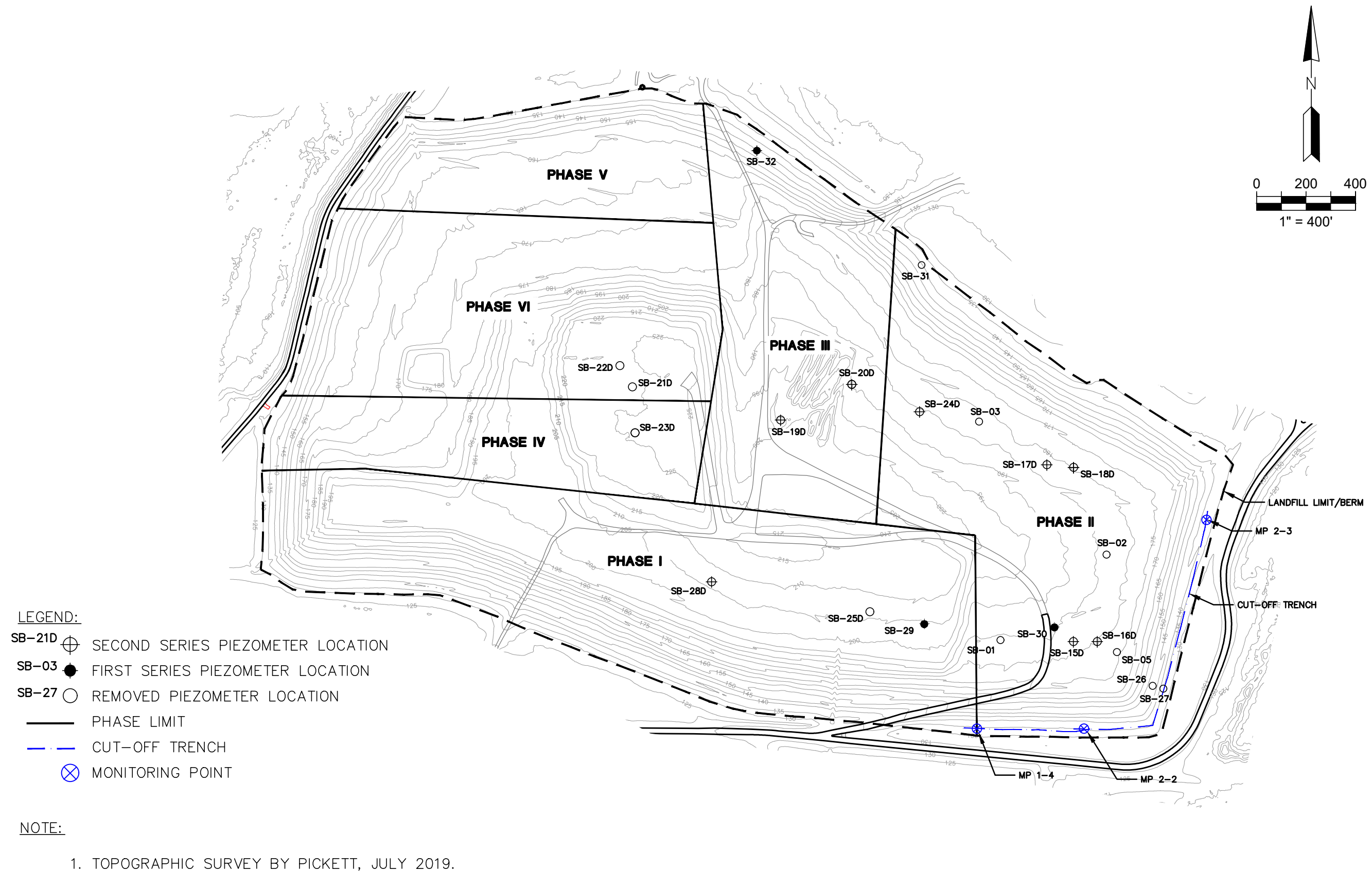


FIGURE 2. MAP OF PIEZOMETERS AND MONITORING POINTS  
SOUTHEAST COUNTY LANDFILL  
SEPTEMBER 2019



## **Appendix A**

### **Daily Pumpage Data and Graphs**



Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE       | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|------------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|            | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 12/21/2016 | 0                | 0             | 0             | 0                    | -              | 988            | 537            | 0              | 1,525        |                          |                    | 0              |                    | 1,525          |                    |
| 12/22/2016 | 0                | 0             | 0             | 0                    | -              | 754            | 433            | 0              | 1,187        |                          |                    | 0              |                    | 1,187          |                    |
| 12/23/2016 | 0                | 0             | 0             | 0                    | -              | 1,016          | 568            | 0              | 1,584        | 4,296                    | 614                | 0              |                    | 1,584          |                    |
| 12/24/2016 | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 12/25/2016 | 0                | 0             | 0             | 0                    | -              | 165            | 91             | 0              | 256          |                          |                    | 0              |                    | 256            |                    |
| 12/26/2016 | 0                | 0             | 0             | 0                    | -              | 1,526          | 745            | 0              | 2,271        |                          |                    | 0              |                    | 2,271          |                    |
| 12/27/2016 | 0                | 0             | 0             | 0                    | -              | 710            | 500            | 0              | 1,210        |                          |                    | 0              |                    | 1,210          |                    |
| 12/28/2016 | 0                | 0             | 0             | 0                    | -              | 1,192          | 500            | 0              | 1,692        |                          |                    | 0              |                    | 1,692          |                    |
| 12/29/2016 | 0                | 0             | 0             | 0                    | -              | 854            | 468            | 0              | 1,322        |                          |                    | 0              |                    | 1,322          |                    |
| 12/30/2016 | 0                | 0             | 0             | 0                    | -              | 824            | 449            | 0              | 1,273        | 8,024                    | 1,146              | 0              |                    | 1,273          |                    |
| 12/31/2016 | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 1/1/2017   | 0                | 0             | 0             | 0                    | -              | 231            | 124            | 0              | 355          |                          |                    | 0              |                    | 355            |                    |
| 1/2/2017   | 0                | 0             | 0             | 0                    | -              | 1,483          | 730            | 0              | 2,213        |                          |                    | 0              |                    | 2,213          |                    |
| 1/3/2017   | 0                | 0             | 0             | 0                    | -              | 823            | 422            | 0              | 1,245        |                          |                    | 0              |                    | 1,245          |                    |
| 1/4/2017   | 0                | 0             | 0             | 0                    | -              | 893            | 470            | 0              | 1,363        |                          |                    | 0              |                    | 1,363          |                    |
| 1/5/2017   | 2,004            | 0             | 0             | 0                    | -              | 799            | 421            | 0              | 3,224        |                          |                    | 2,004          |                    | 1,220          |                    |
| 1/6/2017   | 514              | 0             | 0             | 0                    | -              | 791            | 427            | 0              | 1,732        | 10,132                   | 1,447              | 514            |                    | 1,218          |                    |
| 1/7/2017   | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 1/8/2017   | 806              | 0             | 0             | 0                    | -              | 280            | 139            | 0              | 1,225        |                          |                    | 806            |                    | 419            |                    |
| 1/9/2017   | 761              | 0             | 0             | 0                    | -              | 584            | 1,451          | 0              | 2,796        |                          |                    | 761            |                    | 2,035          |                    |
| 1/10/2017  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 1/11/2017  | 4,435            | 0             | 0             | 0                    | -              | 1,722          | 117            | 0              | 6,274        |                          |                    | 4,435          |                    | 1,839          |                    |
| 1/12/2017  | 2,341            | 0             | 0             | 0                    | -              | 897            | 652            | 0              | 3,890        |                          |                    | 2,341          |                    | 1,549          |                    |
| 1/13/2017  | 2,173            | 0             | 0             | 0                    | -              | 808            | 551            | 0              | 3,532        | 17,717                   | 2,531              | 2,173          |                    | 1,359          |                    |
| 1/14/2017  | 812              | 0             | 0             | 0                    | -              | 290            | 247            | 0              | 1,349        |                          |                    | 812            |                    | 537            |                    |
| 1/15/2017  | 0                | 934           | 0             | 0                    | -              | 0              | 0              | 0              | 934          |                          |                    | 934            |                    | 0              |                    |
| 1/16/2017  | 2,884            | 584           | 0             | 0                    | -              | 1,386          | 1,133          | 0              | 5,987        |                          |                    | 3,468          |                    | 2,519          |                    |
| 1/17/2017  | 2,610            | 89            | 0             | 0                    | -              | 914            | 789            | 0              | 4,402        |                          |                    | 2,699          |                    | 1,703          |                    |
| 1/18/2017  | 2,700            | 106           | 0             | 0                    | -              | 871            | 747            | 0              | 4,424        |                          |                    | 2,806          |                    | 1,618          |                    |
| 1/19/2017  | 2,068            | 260           | 0             | 0                    | -              | 635            | 601            | 0              | 3,564        |                          |                    | 2,328          |                    | 1,236          |                    |
| 1/20/2017  | 2,569            | 336           | 0             | 0                    | -              | 777            | 714            | 0              | 4,396        | 25,056                   | 3,579              | 2,905          |                    | 1,491          |                    |
| 1/21/2017  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 1/22/2017  | 973              | 430           | 0             | 0                    | -              | 259            | 266            | 0              | 1,928        |                          |                    | 1,403          |                    | 525            |                    |
| 1/23/2017  | 3,074            | 164           | 0             | 0                    | -              | 1,305          | 1,113          | 0              | 5,656        |                          |                    | 3,238          |                    | 2,418          |                    |
| 1/24/2017  | 2,030            | 173           | 0             | 0                    | -              | 737            | 615            | 0              | 3,555        |                          |                    | 2,203          |                    | 1,352          |                    |
| 1/25/2017  | 1,737            | 488           | 0             | 0                    | -              | 666            | 623            | 0              | 3,514        |                          |                    | 2,225          |                    | 1,289          |                    |
| 1/26/2017  | 1,680            | 469           | 0             | 0                    | -              | 646            | 642            | 0              | 3,437        |                          |                    | 2,149          |                    | 1,288          |                    |
| 1/27/2017  | 1,531            | 250           | 0             | 0                    | -              | 608            | 473            | 0              | 2,862        | 20,952                   | 2,993              | 1,781          |                    | 1,081          |                    |
| 1/28/2017  | 1,664            | 87            | 0             | 0                    | -              | 608            | 401            | 0              | 2,760        |                          |                    | 1,751          |                    | 1,009          |                    |
| 1/29/2017  | 1,664            | 77            | 0             | 0                    | -              | 608            | 401            | 0              | 2,750        |                          |                    | 1,741          |                    | 1,009          |                    |
| 1/30/2017  | 808              | 0             | 0             | 0                    | -              | 647            | 386            | 0              | 1,841        |                          |                    | 808            |                    | 1,033          |                    |
| 1/31/2017  | 2,139            | 36            | 0             | 0                    | -              | 776            | 412            | 0              | 3,363        |                          |                    | 2,175          |                    | 1,188          |                    |
| 2/1/2017   | 1,887            | 62            | 0             | 0                    | -              | 661            | 434            | 0              | 3,044        |                          |                    | 1,949          |                    | 1,095          |                    |
| 2/2/2017   | 1,887            | 62            | 0             | 0                    | -              | 661            | 434            | 0              | 3,044        |                          |                    | 1,949          |                    | 1,095          |                    |
| 2/3/2017   | 2,992            | 626           | 0             | 0                    | -              | 959            | 684            | 0              | 5,261        | 22,063                   | 3,152              | 3,618          |                    | 1,643          |                    |
| 2/4/2017   | 2,992            | 626           | 0             | 0                    | -              | 1,109          | 685            | 0              | 5,412        |                          |                    | 3,618          |                    | 1,794          |                    |
| 2/5/2017   | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 2/6/2017   | 1,164            | 351           | 0             | 0                    | -              | 643            | 370            | 0              | 2,528        |                          |                    | 1,515          |                    | 1,013          |                    |
| 2/7/2017   | 0                | 434           | 0             | 0                    | -              | 579            | 439            | 0              | 1,452        |                          |                    | 434            |                    | 1,018          |                    |
| 2/8/2017   | 6,303            | 434           | 0             | 0                    | -              | 770            | 449            | 0              | 7,956        |                          |                    | 6,737          |                    | 1,219          |                    |
| 2/9/2017   | 8,443            | 436           | 0             | 0                    | -              | 686            | 424            | 0              | 9,989        |                          |                    | 8,879          |                    | 1,110          |                    |
| 2/10/2017  | 7,597            | 382           | 0             | 0                    | -              | 516            | 355            | 0              | 8,850        | 36,187                   | 5,170              | 7,979          |                    | 871            |                    |
| 2/11/2017  | 9,119            | 322           | 0             | 0                    | -              | 645            | 443            | 0              | 10,529       |                          |                    | 9,441          |                    | 1,088          |                    |
| 2/12/2017  | 9,119            | 322           | 0             | 0                    | -              | 645            | 443            | 0              | 10,529       |                          |                    | 9,441          |                    | 1,088          |                    |
| 2/13/2017  | 9,208            | 0             | 0             | 0                    | -              | 813            | 444            | 0              | 10,465       |                          |                    | 9,208          |                    | 1,257          |                    |
| 2/14/2017  | 9,731            | 0             | 0             | 0                    | -              | 1,178          | 452            | 0              | 11,361       |                          |                    | 9,731          |                    | 1,630          |                    |
| 2/15/2017  | 9,807            | 0             | 0             | 0                    | -              | 886            | 445            | 0              | 11,138       |                          |                    | 9,807          |                    | 1,331          |                    |
| 2/16/2017  | 9,233            | 0             | 0             | 0                    | -              | 712            | 404            | 0              | 10,349       |                          |                    | 9,233          |                    | 1,116          |                    |
| 2/17/2017  | 7,652            | 0             | 0             | 0                    | -              | 552            | 342            | 0              | 8,546        | 72,917                   | 10,417             | 7,652          |                    | 894            |                    |
| 2/18/2017  | 9,223            | 1             | 0             | 0                    | -              | 543            | 399            | 0              | 10,166       |                          |                    | 9,224          |                    | 942            |                    |
| 2/19/2017  | 9,223            | 1             | 0             | 0                    | -              | 543            | 399            | 0              | 10,166       |                          |                    | 9,224          |                    | 942            |                    |
| 2/20/2017  | 9,480            | 0             | 0             | 0                    | -              | 516            | 424            | 0              | 10,420       |                          |                    | 9,480          |                    | 940            |                    |
| 2/21/2017  | 9,836            | 0             | 0             | 0                    | -              | 578            | 427            | 0              | 10,841       |                          |                    | 9,836          |                    | 1,005          |                    |
| 2/22/2017  | 9,142            | 0             | 0             | 0                    | -              | 595            | 421            | 0              | 10,158       |                          |                    | 9,142          |                    | 1,016          |                    |
| 2/23/2017  | 4,816            | 83            | 0             | 0                    | -              | 580            | 496            | 0              | 5,975        |                          |                    | 4,899          |                    | 1,076          |                    |

Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|-----------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 2/24/2017 | 4,923            | 32            | 0             | 0                    | -              | 480            | 410            | 0              | 5,845        | 63,571                   | 9,082              | 4,955          |                    | 890            |                    |
| 2/25/2017 | 3,677            | 0             | 0             | 0                    | -              | 459            | 368            | 0              | 4,504        |                          |                    | 3,677          |                    | 827            |                    |
| 2/26/2017 | 3,677            | 0             | 0             | 0                    | -              | 459            | 368            | 0              | 4,504        |                          |                    | 3,677          |                    | 827            |                    |
| 2/27/2017 | 1,580            | 2             | 0             | 0                    | -              | 439            | 418            | 0              | 2,439        |                          |                    | 1,582          |                    | 857            |                    |
| 2/28/2017 | 1,574            | 0             | 0             | 0                    | -              | 481            | 447            | 0              | 2,502        |                          |                    | 1,574          |                    | 928            |                    |
| 3/1/2017  | 1,667            | 158           | 0             | 0                    | -              | 504            | 455            | 0              | 2,784        |                          |                    | 1,825          |                    | 959            |                    |
| 3/2/2017  | 2,182            | 364           | 0             | 0                    | -              | 429            | 515            | 0              | 3,490        |                          |                    | 2,546          |                    | 944            |                    |
| 3/3/2017  | 1,327            | 168           | 0             | 0                    | -              | 201            | 329            | 0              | 2,025        | 22,248                   | 3,178              | 1,495          | 2,339              | 530            | 839                |
| 3/4/2017  | 1,327            | 168           | 0             | 0                    | -              | 201            | 329            | 0              | 2,025        |                          |                    | 1,495          |                    | 530            |                    |
| 3/5/2017  | 1,327            | 168           | 0             | 0                    | -              | 201            | 329            | 0              | 2,025        |                          |                    | 1,495          |                    | 530            |                    |
| 3/6/2017  | 1,392            | 358           | 0             | 0                    | -              | 330            | 326            | 0              | 2,406        |                          |                    | 1,750          |                    | 656            |                    |
| 3/7/2017  | 1,635            | 803           | 0             | 0                    | -              | 519            | 422            | 0              | 3,379        |                          |                    | 2,438          |                    | 941            |                    |
| 3/8/2017  | 1,424            | 133           | 0             | 0                    | -              | 458            | 367            | 0              | 2,382        |                          |                    | 1,557          |                    | 825            |                    |
| 3/9/2017  | 1,680            | 205           | 0             | 0                    | -              | 510            | 418            | 0              | 2,813        |                          |                    | 1,885          |                    | 928            |                    |
| 3/10/2017 | 2,090            | 366           | 0             | 0                    | -              | 543            | 420            | 0              | 3,419        | 18,449                   | 2,636              | 2,456          | 1,868              | 963            | 768                |
| 3/11/2017 | 2,289            | 268           | 0             | 0                    | -              | 585            | 382            | 0              | 3,524        |                          |                    | 2,557          |                    | 967            |                    |
| 3/12/2017 | 2,289            | 268           | 0             | 0                    | -              | 585            | 382            | 0              | 3,524        |                          |                    | 2,557          |                    | 967            |                    |
| 3/13/2017 | 2,625            | 13            | 0             | 0                    | -              | 647            | 346            | 0              | 3,631        |                          |                    | 2,638          |                    | 993            |                    |
| 3/14/2017 | 2,039            | 287           | 0             | 0                    | -              | 501            | 350            | 0              | 3,177        |                          |                    | 2,326          |                    | 851            |                    |
| 3/15/2017 | 1,356            | 476           | 0             | 0                    | -              | 453            | 306            | 0              | 2,591        |                          |                    | 1,832          |                    | 759            |                    |
| 3/16/2017 | 1,018            | 409           | 0             | 0                    | -              | 385            | 268            | 0              | 2,080        |                          |                    | 1,427          |                    | 653            |                    |
| 3/17/2017 | 1,028            | 0             | 0             | 0                    | -              | 443            | 336            | 0              | 1,807        | 20,334                   | 2,905              | 1,028          | 2,052              | 779            | 853                |
| 3/18/2017 | 1,430            | 195           | 0             | 0                    | -              | 524            | 452            | 0              | 2,601        |                          |                    | 1,625          |                    | 976            |                    |
| 3/19/2017 | 1,430            | 195           | 0             | 0                    | -              | 524            | 452            | 0              | 2,601        |                          |                    | 1,625          |                    | 976            |                    |
| 3/20/2017 | 917              | 282           | 0             | 0                    | -              | 400            | 229            | 0              | 1,828        |                          |                    | 1,199          |                    | 629            |                    |
| 3/21/2017 | 1,599            | 467           | 0             | 0                    | -              | 487            | 409            | 0              | 2,962        |                          |                    | 2,066          |                    | 896            |                    |
| 3/22/2017 | 1,618            | 412           | 0             | 0                    | -              | 510            | 335            | 0              | 2,875        |                          |                    | 2,030          |                    | 845            |                    |
| 3/23/2017 | 1,327            | 411           | 0             | 0                    | -              | 452            | 299            | 0              | 2,489        |                          |                    | 1,738          |                    | 751            |                    |
| 3/24/2017 | 1,622            | 313           | 0             | 0                    | -              | 608            | 322            | 0              | 2,865        | 18,221                   | 2,603              | 1,935          | 1,745              | 930            | 858                |
| 3/25/2017 | 1,739            | 0             | 0             | 0                    | -              | 298            | 370            | 0              | 2,407        |                          |                    | 1,739          |                    | 668            |                    |
| 3/26/2017 | 1,739            | 0             | 0             | 0                    | -              | 298            | 370            | 0              | 2,407        |                          |                    | 1,739          |                    | 668            |                    |
| 3/27/2017 | 1,500            | 0             | 0             | 0                    | -              | 360            | 403            | 0              | 2,263        |                          |                    | 1,500          |                    | 763            |                    |
| 3/28/2017 | 1,324            | 0             | 0             | 0                    | -              | 339            | 409            | 0              | 2,072        |                          |                    | 1,324          |                    | 748            |                    |
| 3/29/2017 | 1,042            | 0             | 0             | 0                    | -              | 335            | 383            | 0              | 1,760        |                          |                    | 1,042          |                    | 718            |                    |
| 3/30/2017 | 1,408            | 0             | 0             | 0                    | -              | 388            | 445            | 0              | 2,241        |                          |                    | 1,408          |                    | 833            |                    |
| 3/31/2017 | 1,056            | 0             | 0             | 0                    | -              | 411            | 390            | 0              | 1,857        | 15,007                   | 2,144              | 1,056          | 1,401              | 801            | 743                |
| 4/1/2017  | 982              | 0             | 0             | 0                    | -              | 426            | 427            | 0              | 1,835        |                          |                    | 982            |                    | 853            |                    |
| 4/2/2017  | 982              | 0             | 0             | 0                    | -              | 426            | 427            | 0              | 1,835        |                          |                    | 982            |                    | 853            |                    |
| 4/3/2017  | 909              | 0             | 0             | 0                    | -              | 366            | 411            | 0              | 1,686        |                          |                    | 909            |                    | 777            |                    |
| 4/4/2017  | 786              | 0             | 0             | 0                    | -              | 185            | 352            | 0              | 1,323        |                          |                    | 786            |                    | 537            |                    |
| 4/5/2017  | 827              | 1             | 0             | 0                    | -              | 376            | 440            | 0              | 1,644        |                          |                    | 828            |                    | 816            |                    |
| 4/6/2017  | 643              | 1             | 8             | 0                    | -              | 245            | 306            | 0              | 1,203        |                          |                    | 652            |                    | 551            |                    |
| 4/7/2017  | 537              | 1             | 0             | 0                    | -              | 204            | 283            | 0              | 1,025        | 10,551                   | 1,507              | 538            | 811                | 487            | 696                |
| 4/8/2017  | 90               | 0             | 0             | 0                    | -              | 59             | 64             | 0              | 213          |                          |                    | 90             |                    | 123            |                    |
| 4/9/2017  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 4/10/2017 | 241              | 0             | 0             | 0                    | -              | 368            | 239            | 0              | 848          |                          |                    | 241            |                    | 607            |                    |
| 4/11/2017 | 464              | 0             | 0             | 141                  | -              | 304            | 234            | 0              | 1,143        |                          |                    | 464            |                    | 679            |                    |
| 4/12/2017 | 795              | 2             | 0             | 111                  | -              | 320            | 379            | 1,121          | 2,728        |                          |                    | 797            |                    | 1,931          |                    |
| 4/13/2017 | 952              | 0             | 0             | 90                   | -              | 292            | 374            | 510            | 2,218        |                          |                    | 952            |                    | 1,266          |                    |
| 4/14/2017 | 747              | 1             | 0             | 55                   | -              | 345            | 316            | 363            | 1,827        | 8,977                    | 1,282              | 748            | 470                | 1,079          | 812                |
| 4/15/2017 | 638              | 0             | 0             | 55                   | -              | 397            | 336            | 334            | 1,760        |                          |                    | 638            |                    | 1,122          |                    |
| 4/16/2017 | 638              | 0             | 0             | 55                   | -              | 397            | 336            | 334            | 1,760        |                          |                    | 638            |                    | 1,122          |                    |
| 4/17/2017 | 136              | 0             | 0             | 59                   | -              | 403            | 347            | 298            | 1,243        |                          |                    | 136            |                    | 1,107          |                    |
| 4/18/2017 | 1,118            | 0             | 0             | 46                   | -              | 451            | 364            | 335            | 2,314        |                          |                    | 1,118          |                    | 1,196          |                    |
| 4/19/2017 | 407              | 0             | 0             | 40                   | -              | 336            | 252            | 233            | 1,268        |                          |                    | 407            |                    | 861            |                    |
| 4/20/2017 | 551              | 0             | 0             | 49                   | -              | 437            | 333            | 293            | 1,663        |                          |                    | 551            |                    | 1,112          |                    |
| 4/21/2017 | 537              | 0             | 0             | 66                   | -              | 396            | 287            | 281            | 1,567        | 11,575                   | 1,654              | 537            | 575                | 1,030          | 1,079              |
| 4/22/2017 | 661              | 0             | 0             | 76                   | -              | 460            | 347            | 283            | 1,827        |                          |                    | 661            |                    | 1,166          |                    |
| 4/23/2017 | 661              | 0             | 0             | 76                   | -              | 460            | 347            | 283            | 1,827        |                          |                    | 661            |                    | 1,166          |                    |
| 4/24/2017 | 566              | 0             | 0             | 57                   | -              | 353            | 255            | 248            | 1,479        |                          |                    | 566            |                    | 913            |                    |
| 4/25/2017 | 529              | 0             | 0             | 31                   | -              | 380            | 281            | 256            | 1,477        |                          |                    | 529            |                    | 948            |                    |
| 4/26/2017 | 478              | 0             | 0             | 24                   | -              | 369            | 293            | 258            | 1,422        |                          |                    | 478            |                    | 944            |                    |
| 4/27/2017 | 376              | 0             | 0             | 12                   | -              | 355            | 307            | 264            | 1,314        |                          |                    | 376            |                    | 938            |                    |
| 4/28/2017 | 258              | 0             | 0             | 0                    | -              | 351            | 293            | 235            | 1,137        | 10,483                   | 1,498              | 258            | 504                | 879            | 993                |
| 4/29/2017 | 287              | 0             | 0             | 2                    | -              | 376            | 284            | 243            | 1,192        |                          |                    | 287            |                    | 905            |                    |



Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|-----------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 4/30/2017 | 287              | 0             | 0             | 2                    | -              | 376            | 284            | 243            | 1,192        |                          |                    | 287            |                    | 905            |                    |
| 5/1/2017  | 311              | 0             | 0             | 2                    | -              | 378            | 271            | 243            | 1,205        |                          |                    | 311            |                    | 894            |                    |
| 5/2/2017  | 316              | 0             | 2             | 4                    | -              | 380            | 279            | 240            | 1,221        |                          |                    | 318            |                    | 903            |                    |
| 5/3/2017  | 343              | 0             | 0             | 4                    | -              | 340            | 275            | 241            | 1,203        |                          |                    | 343            |                    | 860            |                    |
| 5/4/2017  | 429              | 0             | 0             | 38                   | -              | 340            | 264            | 256            | 1,327        |                          |                    | 429            |                    | 898            |                    |
| 5/5/2017  | 334              | 0             | 0             | 15                   | -              | 340            | 219            | 220            | 1,128        | 8,468                    | 1,210              | 334            | 330                | 794            | 880                |
| 5/6/2017  | 87               | 0             | 0             | 0                    | -              | 340            | 274            | 218            | 919          |                          |                    | 87             |                    | 832            |                    |
| 5/7/2017  | 87               | 0             | 0             | 0                    | -              | 340            | 274            | 218            | 919          |                          |                    | 87             |                    | 832            |                    |
| 5/8/2017  | 95               | 0             | 0             | 0                    | -              | 340            | 185            | 213            | 833          |                          |                    | 95             |                    | 738            |                    |
| 5/9/2017  | 233              | 0             | 0             | 0                    | -              | 340            | 266            | 215            | 1,054        |                          |                    | 233            |                    | 821            |                    |
| 5/10/2017 | 187              | 0             | 0             | 0                    | -              | 340            | 289            | 207            | 1,023        |                          |                    | 187            |                    | 836            |                    |
| 5/11/2017 | 259              | 0             | 0             | 0                    | -              | 340            | 329            | 234            | 1,162        |                          |                    | 259            |                    | 903            |                    |
| 5/12/2017 | 331              | 0             | 0             | 8                    | -              | 344            | 318            | 213            | 1,214        | 7,124                    | 1,018              | 331            | 183                | 883            | 835                |
| 5/13/2017 | 335              | 4             | 0             | 10                   | -              | 371            | 303            | 62             | 1,085        |                          |                    | 339            |                    | 746            |                    |
| 5/14/2017 | 335              | 4             | 0             | 10                   | -              | 371            | 303            | 62             | 1,085        |                          |                    | 339            |                    | 746            |                    |
| 5/15/2017 | 239              | 0             | 0             | 0                    | -              | 335            | 276            | 0              | 850          |                          |                    | 239            |                    | 611            |                    |
| 5/16/2017 | 204              | 0             | 0             | 0                    | -              | 300            | 235            | 233            | 972          |                          |                    | 204            |                    | 768            |                    |
| 5/17/2017 | 247              | 0             | 0             | 0                    | -              | 328            | 308            | 0              | 883          |                          |                    | 247            |                    | 636            |                    |
| 5/18/2017 | 243              | 0             | 0             | 0                    | -              | 351            | 340            | 0              | 934          |                          |                    | 243            |                    | 691            |                    |
| 5/19/2017 | 204              | 0             | 0             | 0                    | -              | 304            | 291            | 0              | 799          | 6,608                    | 944                | 204            | 259                | 595            | 685                |
| 5/20/2017 | 255              | 0             | 0             | 0                    | -              | 332            | 309            | 274            | 1,170        |                          |                    | 255            |                    | 915            |                    |
| 5/21/2017 | 255              | 0             | 0             | 0                    | -              | 332            | 309            | 274            | 1,170        |                          |                    | 255            |                    | 915            |                    |
| 5/22/2017 | 334              | 0             | 0             | 0                    | -              | 302            | 285            | 240            | 1,161        |                          |                    | 334            |                    | 827            |                    |
| 5/23/2017 | 338              | 0             | 0             | 0                    | -              | 317            | 270            | 230            | 1,155        |                          |                    | 338            |                    | 817            |                    |
| 5/24/2017 | 394              | 0             | 0             | 3                    | -              | 337            | 278            | 237            | 1,249        |                          |                    | 394            |                    | 855            |                    |
| 5/25/2017 | 306              | 0             | 0             | 0                    | -              | 314            | 252            | 208            | 1,080        |                          |                    | 306            |                    | 774            |                    |
| 5/26/2017 | 286              | 0             | 0             | 0                    | -              | 270            | 229            | 190            | 975          | 7,960                    | 1,137              | 286            | 310                | 689            | 827                |
| 5/27/2017 | 353              | 0             | 0             | 0                    | -              | 294            | 261            | 197            | 1,105        |                          |                    | 353            |                    | 752            |                    |
| 5/28/2017 | 353              | 0             | 0             | 0                    | -              | 294            | 261            | 197            | 1,105        |                          |                    | 353            |                    | 752            |                    |
| 5/29/2017 | 353              | 0             | 0             | 0                    | -              | 294            | 261            | 197            | 1,105        |                          |                    | 353            |                    | 752            |                    |
| 5/30/2017 | 355              | 0             | 0             | 0                    | -              | 288            | 264            | 191            | 1,098        |                          |                    | 355            |                    | 743            |                    |
| 5/31/2017 | 355              | 0             | 0             | 0                    | -              | 301            | 266            | 189            | 1,111        |                          |                    | 355            |                    | 756            |                    |
| 6/1/2017  | 315              | 0             | 0             | 0                    | -              | 304            | 262            | 194            | 1,075        |                          |                    | 315            |                    | 760            |                    |
| 6/2/2017  | 371              | 0             | 0             | 0                    | -              | 277            | 207            | 189            | 1,044        | 7,643                    | 1,092              | 371            | 351                | 673            | 741                |
| 6/3/2017  | 364              | 0             | 0             | 0                    | -              | 302            | 218            | 189            | 1,073        |                          |                    | 364            |                    | 709            |                    |
| 6/4/2017  | 364              | 0             | 0             | 0                    | -              | 302            | 218            | 189            | 1,073        |                          |                    | 364            |                    | 709            |                    |
| 6/5/2017  | 425              | 0             | 0             | 0                    | -              | 308            | 208            | 187            | 1,128        |                          |                    | 425            |                    | 703            |                    |
| 6/6/2017  | 402              | 0             | 0             | 0                    | -              | 316            | 204            | 216            | 1,138        |                          |                    | 402            |                    | 736            |                    |
| 6/7/2017  | 449              | 0             | 0             | 0                    | -              | 32             | 195            | 197            | 873          |                          |                    | 449            |                    | 424            |                    |
| 6/8/2017  | 442              | 0             | 0             | 0                    | -              | 556            | 176            | 159            | 1,333        |                          |                    | 442            |                    | 891            |                    |
| 6/9/2017  | 454              | 0             | 0             | 0                    | -              | 262            | 205            | 0              | 921          | 7,539                    | 1,077              | 454            | 414                | 467            | 663                |
| 6/10/2017 | 488              | 0             | 0             | 0                    | -              | 279            | 199            | 0              | 966          |                          |                    | 488            |                    | 478            |                    |
| 6/11/2017 | 488              | 0             | 0             | 0                    | -              | 279            | 199            | 0              | 966          |                          |                    | 488            |                    | 478            |                    |
| 6/12/2017 | 424              | 0             | 0             | 0                    | -              | 270            | 186            | 0              | 880          |                          |                    | 424            |                    | 456            |                    |
| 6/13/2017 | 428              | 0             | 0             | 0                    | -              | 248            | 192            | 0              | 868          |                          |                    | 428            |                    | 440            |                    |
| 6/14/2017 | 442              | 0             | 0             | 0                    | -              | 276            | 198            | 0              | 916          |                          |                    | 442            |                    | 474            |                    |
| 6/15/2017 | 511              | 0             | 0             | 0                    | -              | 296            | 237            | 0              | 1,044        |                          |                    | 511            |                    | 533            |                    |
| 6/16/2017 | 395              | 0             | 0             | 0                    | -              | 281            | 227            | 0              | 903          | 6,543                    | 935                | 395            | 454                | 508            | 481                |
| 6/17/2017 | 96               | 0             | 0             | 2                    | -              | 101            | 99             | 279            | 577          |                          |                    | 96             |                    | 481            |                    |
| 6/18/2017 | 96               | 0             | 0             | 2                    | -              | 101            | 99             | 279            | 577          |                          |                    | 96             |                    | 481            |                    |
| 6/19/2017 | 113              | 0             | 0             | 19                   | -              | 314            | 190            | 500            | 1,136        |                          |                    | 113            |                    | 1,023          |                    |
| 6/20/2017 | 415              | 0             | 0             | 8                    | -              | 301            | 256            | 0              | 980          |                          |                    | 415            |                    | 565            |                    |
| 6/21/2017 | 585              | 0             | 0             | 0                    | -              | 274            | 234            | 0              | 1,093        |                          |                    | 585            |                    | 508            |                    |
| 6/22/2017 | 663              | 0             | 0             | 0                    | -              | 288            | 247            | 0              | 1,198        |                          |                    | 663            |                    | 535            |                    |
| 6/23/2017 | 619              | 0             | 0             | 0                    | -              | 268            | 250            | 0              | 1,137        | 6,698                    | 957                | 619            | 370                | 518            | 587                |
| 6/24/2017 | 571              | 0             | 0             | 0                    | -              | 263            | 244            | 0              | 1,078        |                          |                    | 571            |                    | 507            |                    |
| 6/25/2017 | 571              | 0             | 0             | 0                    | -              | 263            | 244            | 0              | 1,078        |                          |                    | 571            |                    | 507            |                    |
| 6/26/2017 | 518              | 0             | 0             | 0                    | -              | 266            | 241            | 0              | 1,025        |                          |                    | 518            |                    | 507            |                    |
| 6/27/2017 | 495              | 0             | 0             | 0                    | -              | 267            | 240            | 0              | 1,002        |                          |                    | 495            |                    | 507            |                    |
| 6/28/2017 | 490              | 0             | 0             | 0                    | -              | 260            | 242            | 395            | 1,387        |                          |                    | 490            |                    | 897            |                    |
| 6/29/2017 | 484              | 0             | 0             | 0                    | -              | 277            | 243            | 234            | 1,238        |                          |                    | 484            |                    | 754            |                    |
| 6/30/2017 | 190              | 0             | 0             | 0                    | -              | 241            | 192            | 0              | 623          | 7,431                    | 1,062              | 190            | 474                | 433            | 587                |
| 7/1/2017  | 113              | 0             | 0             | 0                    | -              | 235            | 199            | 0              | 547          |                          |                    | 113            |                    | 434            |                    |
| 7/2/2017  | 113              | 0             | 0             | 0                    | -              | 235            | 199            | 0              | 547          |                          |                    | 113            |                    | 434            |                    |
| 7/3/2017  | 388              | 0             | 0             | 0                    | -              | 278            | 250            | 0              | 916          |                          |                    | 388            |                    | 528            |                    |

Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|-----------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 7/4/2017  | 388              | 0             | 0             | 0                    | -              | 278            | 250            | 0              | 916          |                          |                    | 388            |                    | 528            |                    |
| 7/5/2017  | 411              | 0             | 0             | 0                    | -              | 204            | 265            | 337            | 1,217        |                          |                    | 411            |                    | 806            |                    |
| 7/6/2017  | 473              | 0             | 0             | 0                    | -              | 339            | 291            | 0              | 1,103        |                          |                    | 473            |                    | 630            |                    |
| 7/7/2017  | 483              | 0             | 0             | 0                    | -              | 255            | 295            | 393            | 1,426        | 6,672                    | 953                | 483            | 338                | 943            | 615                |
| 7/8/2017  | 492              | 0             | 0             | 0                    | -              | 286            | 296            | 0              | 1,074        |                          |                    | 492            |                    | 582            |                    |
| 7/9/2017  | 492              | 0             | 0             | 0                    | -              | 286            | 296            | 0              | 1,074        |                          |                    | 492            |                    | 582            |                    |
| 7/10/2017 | 451              | 0             | 0             | 12                   | -              | 288            | 295            | 220            | 1,266        |                          |                    | 451            |                    | 815            |                    |
| 7/11/2017 | 399              | 0             | 0             | 0                    | -              | 241            | 296            | 15             | 951          |                          |                    | 399            |                    | 552            |                    |
| 7/12/2017 | 342              | 0             | 0             | 0                    | -              | 259            | 304            | 50             | 955          |                          |                    | 342            |                    | 613            |                    |
| 7/13/2017 | 473              | 0             | 0             | 0                    | -              | 281            | 371            | 1              | 1,126        |                          |                    | 473            |                    | 653            |                    |
| 7/14/2017 | 873              | 0             | 0             | 0                    | -              | 263            | 316            | 0              | 1,452        | 7,898                    | 1,128              | 873            | 503                | 579            | 625                |
| 7/15/2017 | 475              | 0             | 0             | 0                    | -              | 269            | 496            | 1              | 1,241        |                          |                    | 475            |                    | 766            |                    |
| 7/16/2017 | 475              | 0             | 0             | 0                    | -              | 269            | 496            | 1              | 1,241        |                          |                    | 475            |                    | 766            |                    |
| 7/17/2017 | 529              | 0             | 0             | 0                    | -              | 221            | 642            | 0              | 1,392        |                          |                    | 529            |                    | 863            |                    |
| 7/18/2017 | 389              | 0             | 0             | 0                    | -              | 226            | 520            | 0              | 1,135        |                          |                    | 389            |                    | 746            |                    |
| 7/19/2017 | 505              | 0             | 0             | 0                    | -              | 331            | 847            | 0              | 1,683        |                          |                    | 505            |                    | 1,178          |                    |
| 7/20/2017 | 435              | 0             | 0             | 0                    | -              | 257            | 712            | 0              | 1,404        |                          |                    | 435            |                    | 969            |                    |
| 7/21/2017 | 464              | 0             | 0             | 0                    | -              | 273            | 756            | 1,814          | 3,307        | 11,403                   | 1,629              | 464            | 467                | 2,843          | 1,162              |
| 7/22/2017 | 470              | 0             | 0             | 0                    | -              | 285            | 712            | 608            | 2,075        |                          |                    | 470            |                    | 1,605          |                    |
| 7/23/2017 | 470              | 0             | 0             | 0                    | -              | 285            | 712            | 608            | 2,075        |                          |                    | 470            |                    | 1,605          |                    |
| 7/24/2017 | 523              | 0             | 0             | 0                    | -              | 304            | 838            | 424            | 2,089        |                          |                    | 523            |                    | 1,566          |                    |
| 7/25/2017 | 513              | 0             | 0             | 0                    | -              | 301            | 843            | 363            | 2,020        |                          |                    | 513            |                    | 1,507          |                    |
| 7/26/2017 | 529              | 0             | 0             | 0                    | -              | 323            | 919            | 328            | 2,099        |                          |                    | 529            |                    | 1,570          |                    |
| 7/27/2017 | 540              | 0             | 0             | 0                    | -              | 340            | 873            | 94             | 1,847        |                          |                    | 540            |                    | 1,307          |                    |
| 7/28/2017 | 528              | 0             | 0             | 0                    | -              | 319            | 771            | 0              | 1,618        | 13,823                   | 1,975              | 528            | 510                | 1,090          | 1,464              |
| 7/29/2017 | 526              | 0             | 0             | 0                    | -              | 330            | 730            | 0              | 1,586        |                          |                    | 526            |                    | 1,060          |                    |
| 7/30/2017 | 526              | 0             | 0             | 0                    | -              | 330            | 730            | 0              | 1,586        |                          |                    | 526            |                    | 1,060          |                    |
| 7/31/2017 | 2,884            | 105           | 0             | 1,027                | -              | 398            | 613            | 0              | 5,027        |                          |                    | 2,989          |                    | 2,038          |                    |
| 8/1/2017  | 1,634            | 0             | 0             | 886                  | -              | 406            | 895            | 5              | 3,826        |                          |                    | 1,634          |                    | 2,192          |                    |
| 8/2/2017  | 656              | 0             | 0             | 735                  | -              | 318            | 377            | 1,353          | 3,439        |                          |                    | 656            |                    | 2,783          |                    |
| 8/3/2017  | 942              | 0             | 0             | 902                  | -              | 348            | 941            | 6,393          | 9,526        |                          |                    | 942            |                    | 8,584          |                    |
| 8/4/2017  | 1,005            | 0             | 0             | 833                  | -              | 324            | 990            | 5,261          | 8,413        | 33,403                   | 4,772              | 1,005          | 1,183              | 7,408          | 3,589              |
| 8/5/2017  | 986              | 0             | 0             | 1,267                | -              | 357            | 1,331          | 6,135          | 10,076       |                          |                    | 986            |                    | 9,090          |                    |
| 8/6/2017  | 986              | 0             | 0             | 1,267                | -              | 357            | 1,331          | 6,135          | 10,076       |                          |                    | 986            |                    | 9,090          |                    |
| 8/7/2017  | 1,041            | 0             | 0             | 1,579                | -              | 391            | 1,574          | 6,173          | 10,758       |                          |                    | 1,041          |                    | 9,717          |                    |
| 8/8/2017  | 828              | 0             | 0             | 1,512                | -              | 363            | 1,193          | 5,553          | 9,449        |                          |                    | 828            |                    | 8,621          |                    |
| 8/9/2017  | 913              | 0             | 0             | 1,518                | -              | 412            | 1,364          | 5,862          | 10,069       |                          |                    | 913            |                    | 9,156          |                    |
| 8/10/2017 | 898              | 0             | 0             | 1,571                | -              | 426            | 1,349          | 6,181          | 10,425       |                          |                    | 898            |                    | 9,527          |                    |
| 8/11/2017 | 889              | 0             | 0             | 1,535                | -              | 451            | 1,313          | 5,949          | 10,137       | 70,990                   | 10,141             | 889            | 934                | 9,248          | 9,207              |
| 8/12/2017 | 720              | 0             | 0             | 1,399                | -              | 455            | 1,019          | 5,697          | 9,290        |                          |                    | 720            |                    | 8,570          |                    |
| 8/13/2017 | 720              | 0             | 0             | 1,399                | -              | 455            | 1,019          | 5,697          | 9,290        |                          |                    | 720            |                    | 8,570          |                    |
| 8/14/2017 | 748              | 0             | 0             | 1,427                | -              | 493            | 1,049          | 5,987          | 9,704        |                          |                    | 748            |                    | 8,956          |                    |
| 8/15/2017 | 696              | 0             | 0             | 1,378                | -              | 502            | 1,089          | 5,921          | 9,586        |                          |                    | 696            |                    | 8,890          |                    |
| 8/16/2017 | 674              | 0             | 0             | 1,341                | -              | 510            | 980            | 5,974          | 9,479        |                          |                    | 674            |                    | 8,805          |                    |
| 8/17/2017 | 701              | 0             | 0             | 1,341                | -              | 540            | 959            | 5,976          | 9,517        |                          |                    | 701            |                    | 8,816          |                    |
| 8/18/2017 | 630              | 0             | 0             | 1,378                | -              | 543            | 1,044          | 6,632          | 10,227       | 67,093                   | 9,585              | 630            | 698                | 9,597          | 8,886              |
| 8/19/2017 | 665              | 0             | 0             | 1,314                | -              | 509            | 1,041          | 6,540          | 10,069       |                          |                    | 665            |                    | 9,404          |                    |
| 8/20/2017 | 665              | 0             | 0             | 1,314                | -              | 509            | 1,041          | 6,540          | 10,069       |                          |                    | 665            |                    | 9,404          |                    |
| 8/21/2017 | 662              | 0             | 0             | 1,093                | -              | 453            | 932            | 5,934          | 9,074        |                          |                    | 662            |                    | 8,412          |                    |
| 8/22/2017 | 595              | 0             | 0             | 1,215                | -              | 437            | 896            | 6,642          | 9,785        |                          |                    | 595            |                    | 9,190          |                    |
| 8/23/2017 | 669              | 0             | 0             | 1,220                | -              | 610            | 856            | 6,367          | 9,722        |                          |                    | 669            |                    | 9,053          |                    |
| 8/24/2017 | 730              | 0             | 0             | 1,190                | -              | 509            | 845            | 5,965          | 9,239        |                          |                    | 730            |                    | 8,509          |                    |
| 8/25/2017 | 866              | 0             | 0             | 1,112                | -              | 498            | 702            | 6,612          | 9,790        | 67,748                   | 9,678              | 866            | 693                | 8,924          | 8,985              |
| 8/26/2017 | 4,390            | 13            | 0             | 1,235                | -              | 550            | 719            | 6,530          | 13,437       |                          |                    | 4,403          |                    | 9,034          |                    |
| 8/27/2017 | 4,390            | 13            | 0             | 1,235                | -              | 550            | 719            | 6,530          | 13,437       |                          |                    | 4,403          |                    | 9,034          |                    |
| 8/28/2017 | 6,605            | 0             | 0             | 1,017                | -              | 465            | 842            | 5,286          | 14,215       |                          |                    | 6,605          |                    | 7,610          |                    |
| 8/29/2017 | 5,418            | 0             | 0             | 1,268                | -              | 0              | 1,012          | 6,422          | 14,120       |                          |                    | 5,418          |                    | 8,702          |                    |
| 8/30/2017 | 16,198           | 0             | 0             | 1,409                | -              | 1,290          | 1,467          | 6,447          | 26,811       |                          |                    | 16,198         |                    | 10,613         |                    |
| 8/31/2017 | 12,471           | 0             | 0             | 1,504                | -              | 518            | 2,345          | 5,610          | 22,448       |                          |                    | 12,471         |                    | 9,977          |                    |
| 9/1/2017  | 5,913            | 0             | 0             | 2,207                | -              | 607            | 1,948          | 4,675          | 15,350       | 119,818                  | 19,970             | 5,913          | 7,916              | 9,437          | 7,853              |
| 9/2/2017  | 8,289            | 0             | 0             | 3,816                | -              | 915            | 2,967          | 9,150          | 25,137       |                          |                    | 8,289          |                    | 16,848         |                    |
| 9/3/2017  | 4,144            | 0             | 0             | 1,908                | -              | 458            | 1,483          | 4,575          | 12,568       |                          |                    | 4,144          |                    | 8,424          |                    |
| 9/4/2017  | 4,144            | 0             | 0             | 1,908                | -              | 458            | 1,483          | 4,575          | 12,568       |                          |                    | 4,144          |                    | 8,424          |                    |
| 9/5/2017  | 6,165            | 0             | 0             | 1,597                | -              | 425            | 1,278          | 3,723          | 13,188       |                          |                    | 6,165          |                    | 7,023          |                    |
| 9/6/2017  | 12,707           | 12            | 0             | 3,395                | -              | 732            | 2,692          | 5,786          | 25,324       |                          |                    | 12,719         |                    | 12,605         |                    |

Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE       | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|------------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|            | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 9/7/2017   | 0                | 13            | 0             | 0                    | -              | 0              | 0              | 0              | 13           |                          |                    | 13             |                    | 0              |                    |
| 9/8/2017   | 26,709           | 0             | 0             | 5,127                | -              | 1,493          | 4,083          | 11,836         | 49,248       | 138,046                  | 23,008             | 26,709         | 8,883              | 22,539         | 10,838             |
| 9/9/2017   | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 9/10/2017  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 9/11/2017  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 9/12/2017  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 9/13/2017  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 9/14/2017  | 21,344           | 0             | 0             | 3,502                | -              | 1,320          | 2,680          | 8,439          | 37,285       |                          |                    | 21,344         |                    | 15,941         |                    |
| 9/15/2017  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            | 37,285                   | 6,214              | 0              | 3,049              | 0              | 2,277              |
| 9/16/2017  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 9/17/2017  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 1            | 1                        |                    | 0              |                    | 1              |                    |
| 9/18/2017  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 9/19/2017  | 7,629            | 31            | 0             | 392                  | -              | 0              | 4,315          | 0              | 12,367       |                          |                    | 7,660          |                    | 4,707          |                    |
| 9/20/2017  | 140              | 0             | 0             | 511                  | -              | 0              | 521            | 0              | 1,172        |                          |                    | 140            |                    | 1,032          |                    |
| 9/21/2017  | 0                | 5,110         | 0             | 0                    | -              | 0              | 0              | 0              | 5,110        |                          |                    | 5,110          |                    | 0              |                    |
| 9/22/2017  | 8,150            | 2             | 0             | 6,725                | -              | 0              | 5,399          | 6,674          | 26,950       | 45,600                   | 6,514              | 8,152          | 3,009              | 18,798         | 3,505              |
| 9/23/2017  | 26,000           | 1             | 0             | 2,702                | -              | 0              | 3,368          | 6,243          | 38,314       |                          |                    | 26,001         |                    | 12,313         |                    |
| 9/24/2017  | 11,193           | 1             | 0             | 0                    | -              | 0              | 2,774          | 6,248          | 20,216       |                          |                    | 11,194         |                    | 9,022          |                    |
| 9/25/2017  | 10,065           | 1             | 0             | 1                    | -              | 0              | 2,183          | 5,053          | 17,303       |                          |                    | 10,066         |                    | 7,237          |                    |
| 9/26/2017  | 9,428            | 3             | 0             | 0                    | -              | 0              | 2,637          | 5,344          | 17,412       |                          |                    | 9,431          |                    | 7,981          |                    |
| 9/27/2017  | 8,577            | 726           | 0             | 0                    | -              | 0              | 1,729          | 4,877          | 15,909       |                          |                    | 9,303          |                    | 6,606          |                    |
| 9/28/2017  | 0                | 1             | 0             | 1                    | -              | 0              | 2,032          | 1              | 2,035        |                          |                    | 1              |                    | 2,034          |                    |
| 9/29/2017  | 9,529            | 2             | 0             | 0                    | -              | 0              | 2,217          | 4,744          | 16,492       | 127,681                  | 18,240             | 9,531          | 10,790             | 6,961          | 7,451              |
| 9/30/2017  | 9,140            | 329           | 0             | 0                    | -              | 0              | 2,175          | 6,076          | 17,720       |                          |                    | 9,469          |                    | 8,251          |                    |
| 10/1/2017  | 9,140            | 329           | 0             | 0                    | -              | 0              | 2,175          | 6,076          | 17,720       |                          |                    | 9,469          |                    | 8,251          |                    |
| 10/2/2017  | 7,072            | 123           | 0             | 0                    | -              | 0              | 1,615          | 5,565          | 14,375       |                          |                    | 7,195          |                    | 7,180          |                    |
| 10/3/2017  | 8,375            | 139           | 0             | 0                    | -              | 0              | 1,806          | 6,147          | 16,467       |                          |                    | 8,514          |                    | 7,953          |                    |
| 10/4/2017  | 7,611            | 152           | 0             | 0                    | -              | 1,797          | 1,729          | 5,180          | 16,469       |                          |                    | 7,763          |                    | 8,706          |                    |
| 10/5/2017  | 8,547            | 122           | 0             | 0                    | -              | 1,465          | 1,606          | 6,413          | 18,153       |                          |                    | 8,669          |                    | 9,484          |                    |
| 10/6/2017  | 9,391            | 141           | 0             | 0                    | -              | 724            | 1,769          | 5,029          | 17,054       | 117,958                  | 16,851             | 9,532          | 8,659              | 7,522          | 8,192              |
| 10/7/2017  | 9,752            | 138           | 0             | 0                    | -              | 875            | 1,554          | 4,700          | 17,019       |                          |                    | 9,890          |                    | 7,129          |                    |
| 10/8/2017  | 9,752            | 138           | 0             | 0                    | -              | 875            | 1,554          | 4,700          | 17,019       |                          |                    | 9,890          |                    | 7,129          |                    |
| 10/9/2017  | 9,719            | 142           | 0             | 0                    | -              | 753            | 1,322          | 4,344          | 16,280       |                          |                    | 9,861          |                    | 6,419          |                    |
| 10/10/2017 | 9,255            | 152           | 0             | 0                    | -              | 808            | 1,002          | 4,416          | 15,633       |                          |                    | 9,407          |                    | 6,226          |                    |
| 10/11/2017 | 12,813           | 184           | 0             | 0                    | -              | 1,081          | 1,642          | 7,263          | 22,983       |                          |                    | 12,997         |                    | 9,986          |                    |
| 10/12/2017 | 8,344            | 116           | 0             | 0                    | -              | 845            | 809            | 5,178          | 15,292       |                          |                    | 8,460          |                    | 6,832          |                    |
| 10/13/2017 | 10,651           | 142           | 0             | 0                    | -              | 704            | 872            | 6,218          | 18,587       | 122,813                  | 17,545             | 10,793         | 10,185             | 7,794          | 7,359              |
| 10/14/2017 | 12,707           | 151           | 0             | 0                    | -              | 747            | 1,233          | 7,480          | 22,318       |                          |                    | 12,858         |                    | 9,460          |                    |
| 10/15/2017 | 12,707           | 151           | 0             | 0                    | -              | 747            | 1,233          | 7,480          | 22,318       |                          |                    | 12,858         |                    | 9,460          |                    |
| 10/16/2017 | 8,834            | 100           | 0             | 0                    | -              | 516            | 803            | 5,286          | 15,539       |                          |                    | 8,934          |                    | 6,605          |                    |
| 10/17/2017 | 6,624            | 134           | 0             | 0                    | -              | 617            | 954            | 6,393          | 14,722       |                          |                    | 6,758          |                    | 7,964          |                    |
| 10/18/2017 | 17,264           | 132           | 0             | 0                    | -              | 646            | 1,002          | 6,711          | 25,755       |                          |                    | 17,396         |                    | 8,359          |                    |
| 10/19/2017 | 11,304           | 137           | 0             | 0                    | -              | 646            | 1,192          | 6,715          | 19,994       |                          |                    | 11,441         |                    | 8,553          |                    |
| 10/20/2017 | 8,111            | 114           | 0             | 0                    | -              | 556            | 901            | 6,031          | 15,713       | 136,359                  | 19,480             | 8,225          | 11,210             | 7,488          | 8,270              |
| 10/21/2017 | 12,024           | 130           | 0             | 0                    | -              | 600            | 1,014          | 255            | 14,023       |                          |                    | 12,154         |                    | 1,869          |                    |
| 10/22/2017 | 12,024           | 130           | 0             | 0                    | -              | 600            | 1,014          | 255            | 14,023       |                          |                    | 12,154         |                    | 1,869          |                    |
| 10/23/2017 | 12,762           | 126           | 0             | 0                    | -              | 623            | 989            | 34             | 14,534       |                          |                    | 12,888         |                    | 1,646          |                    |
| 10/24/2017 | 12,685           | 115           | 0             | 0                    | -              | 590            | 844            | 942            | 15,176       |                          |                    | 12,800         |                    | 2,376          |                    |
| 10/25/2017 | 4,103            | 37            | 0             | 0                    | -              | 179            | 316            | 1,850          | 6,485        |                          |                    | 4,140          |                    | 2,345          |                    |
| 10/26/2017 | 8,968            | 159           | 0             | 0                    | -              | 714            | 1,229          | 4,901          | 15,971       |                          |                    | 9,127          |                    | 6,844          |                    |
| 10/27/2017 | 14,467           | 147           | 0             | 0                    | -              | 635            | 931            | 6,809          | 22,989       | 103,201                  | 14,743             | 14,614         | 11,125             | 8,375          | 3,618              |
| 10/28/2017 | 14,467           | 147           | 0             | 0                    | -              | 635            | 931            | 6,809          | 22,989       |                          |                    | 14,614         |                    | 8,375          |                    |
| 10/29/2017 | 14,467           | 147           | 0             | 0                    | -              | 635            | 931            | 6,809          | 22,989       |                          |                    | 14,614         |                    | 8,375          |                    |
| 10/30/2017 | 9,801            | 0             | 0             | 0                    | -              | 130            | 577            | 4,877          | 15,385       |                          |                    | 9,801          |                    | 5,584          |                    |
| 10/31/2017 | 14,288           | 117           | 0             | 0                    | -              | 756            | 983            | 6,217          | 22,361       |                          |                    | 14,405         |                    | 7,956          |                    |
| 11/1/2017  | 17,179           | 165           | 0             | 0                    | -              | 633            | 1,207          | 7,588          | 26,772       |                          |                    | 17,344         |                    | 9,428          |                    |
| 11/2/2017  | 8,928            | 80            | 0             | 0                    | -              | 395            | 802            | 4,657          | 14,862       |                          |                    | 9,008          |                    | 5,854          |                    |
| 11/3/2017  | 13,372           | 118           | 0             | 0                    | -              | 501            | 983            | 5,728          | 20,702       | 146,060                  | 20,866             | 13,490         | 13,325             | 7,212          | 7,541              |
| 11/4/2017  | 14,005           | 129           | 0             | 0                    | -              | 494            | 961            | 6,190          | 21,779       |                          |                    | 14,134         |                    | 7,645          |                    |
| 11/5/2017  | 14,005           | 129           | 0             | 0                    | -              | 494            | 961            | 6,190          | 21,779       |                          |                    | 14,134         |                    | 7,645          |                    |
| 11/6/2017  | 14,288           | 131           | 0             | 0                    | -              | 484            | 911            | 6,847          | 22,661       |                          |                    | 14,419         |                    | 8,242          |                    |
| 11/7/2017  | 14,501           | 132           | 0             | 0                    | -              | 522            | 929            | 6,299          | 22,383       |                          |                    | 14,633         |                    | 7,750          |                    |
| 11/8/2017  | 6,774            | 134           | 0             | 0                    | -              | 281            | 459            | 3,261          | 10,909       |                          |                    | 6,908          |                    | 4,001          |                    |
| 11/9/2017  | 14,000           | 166           | 0             | 0                    | -              | 575            | 1,078          | 0              | 15,819       |                          |                    | 14,166         |                    | 1,653          |                    |
| 11/10/2017 | 12,305           | 176           | 0             | 0                    | -              | 473            | 868            | 11,930         | 25,752       | 141,082                  | 20,155             | 12,481         | 12,982             | 13,271         | 7,172              |

Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE       | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|------------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|            | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 11/11/2017 | 12,380           | 188           | 0             | 0                    | -              | 474            | 867            | 6,886          | 20,795       |                          |                    | 12,568         |                    | 8,227          |                    |
| 11/12/2017 | 12,380           | 188           | 0             | 0                    | -              | 474            | 867            | 6,886          | 20,795       |                          |                    | 12,568         |                    | 8,227          |                    |
| 11/13/2017 | 13,259           | 165           | 0             | 0                    | -              | 461            | 765            | 6,631          | 21,281       |                          |                    | 13,424         |                    | 7,857          |                    |
| 11/14/2017 | 14,314           | 180           | 0             | 0                    | -              | 443            | 807            | 6,189          | 21,933       |                          |                    | 14,494         |                    | 7,439          |                    |
| 11/15/2017 | 15,099           | 193           | 0             | 0                    | -              | 479            | 825            | 6,423          | 23,019       |                          |                    | 15,292         |                    | 7,727          |                    |
| 11/16/2017 | 14,156           | 182           | 0             | 0                    | -              | 444            | 735            | 6,326          | 21,843       |                          |                    | 14,338         |                    | 7,505          |                    |
| 11/17/2017 | 13,634           | 125           | 0             | 0                    | -              | 401            | 607            | 5,496          | 20,263       | 149,929                  | 21,418             | 13,759         | 13,778             | 6,504          | 7,641              |
| 11/18/2017 | 14,368           | 183           | 0             | 0                    | -              | 452            | 756            | 5,962          | 21,721       |                          |                    | 14,551         |                    | 7,170          |                    |
| 11/19/2017 | 14,368           | 183           | 0             | 0                    | -              | 452            | 756            | 5,962          | 21,721       |                          |                    | 14,551         |                    | 7,170          |                    |
| 11/20/2017 | 13,812           | 174           | 0             | 0                    | -              | 420            | 636            | 6,450          | 21,492       |                          |                    | 13,986         |                    | 7,506          |                    |
| 11/21/2017 | 13,691           | 177           | 0             | 0                    | -              | 431            | 621            | 5,573          | 20,493       |                          |                    | 13,868         |                    | 6,625          |                    |
| 11/22/2017 | 13,723           | 162           | 0             | 0                    | -              | 437            | 695            | 6,165          | 21,182       |                          |                    | 13,885         |                    | 7,297          |                    |
| 11/23/2017 | 13,723           | 162           | 0             | 0                    | -              | 437            | 695            | 6,165          | 21,182       |                          |                    | 13,885         |                    | 7,297          |                    |
| 11/24/2017 | 14,257           | 140           | 0             | 0                    | -              | 360            | 456            | 5,504          | 20,717       | 148,508                  | 21,215             | 14,397         | 14,160             | 6,320          | 7,055              |
| 11/25/2017 | 14,654           | 150           | 0             | 0                    | -              | 393            | 575            | 6,124          | 21,896       |                          |                    | 14,804         |                    | 7,092          |                    |
| 11/26/2017 | 14,654           | 150           | 0             | 0                    | -              | 393            | 575            | 6,124          | 21,896       |                          |                    | 14,804         |                    | 7,092          |                    |
| 11/27/2017 | 13,301           | 155           | 0             | 0                    | -              | 387            | 524            | 5,953          | 20,320       |                          |                    | 13,456         |                    | 6,864          |                    |
| 11/28/2017 | 14,420           | 187           | 0             | 0                    | -              | 374            | 612            | 5,900          | 21,493       |                          |                    | 14,607         |                    | 6,886          |                    |
| 11/29/2017 | 14,844           | 192           | 0             | 0                    | -              | 409            | 664            | 6,286          | 22,395       |                          |                    | 15,036         |                    | 7,359          |                    |
| 11/30/2017 | 12,815           | 167           | 0             | 0                    | -              | 394            | 553            | 5,949          | 19,878       |                          |                    | 12,982         |                    | 6,896          |                    |
| 12/1/2017  | 14,531           | 167           | 0             | 0                    | -              | 365            | 579            | 5,773          | 21,415       | 149,293                  | 21,328             | 14,698         | 14,341             | 6,717          | 6,987              |
| 12/2/2017  | 14,202           | 181           | 0             | 0                    | -              | 387            | 599            | 6,185          | 21,554       |                          |                    | 14,383         |                    | 7,171          |                    |
| 12/3/2017  | 14,202           | 181           | 0             | 0                    | -              | 387            | 599            | 6,185          | 21,554       |                          |                    | 14,383         |                    | 7,171          |                    |
| 12/4/2017  | 16,926           | 233           | 0             | 0                    | -              | 390            | 693            | 6,577          | 24,819       |                          |                    | 17,159         |                    | 7,660          |                    |
| 12/5/2017  | 12,181           | 137           | 0             | 0                    | -              | 386            | 565            | 6,100          | 19,369       |                          |                    | 12,318         |                    | 7,051          |                    |
| 12/6/2017  | 14,969           | 152           | 0             | 0                    | -              | 466            | 755            | 7,260          | 23,602       |                          |                    | 15,121         |                    | 8,481          |                    |
| 12/7/2017  | 9,028            | 199           | 0             | 0                    | -              | 279            | 445            | 4,518          | 14,469       |                          |                    | 9,227          |                    | 5,242          |                    |
| 12/8/2017  | 13,367           | 227           | 0             | 0                    | -              | 504            | 676            | 7,734          | 22,508       | 147,875                  | 21,125             | 13,594         | 13,741             | 8,914          | 7,384              |
| 12/9/2017  | 13,317           | 143           | 0             | 0                    | -              | 261            | 264            | 5,086          | 19,071       |                          |                    | 13,460         |                    | 5,611          |                    |
| 12/10/2017 | 13,317           | 143           | 0             | 0                    | -              | 261            | 264            | 5,086          | 19,071       |                          |                    | 13,460         |                    | 5,611          |                    |
| 12/11/2017 | 13,095           | 182           | 0             | 0                    | -              | 362            | 381            | 5,955          | 19,975       |                          |                    | 13,277         |                    | 6,698          |                    |
| 12/12/2017 | 13,396           | 172           | 0             | 0                    | -              | 382            | 457            | 6,103          | 20,510       |                          |                    | 13,568         |                    | 6,942          |                    |
| 12/13/2017 | 14,552           | 153           | 0             | 0                    | -              | 373            | 417            | 6,550          | 22,045       |                          |                    | 14,705         |                    | 7,340          |                    |
| 12/14/2017 | 12,515           | 170           | 0             | 0                    | -              | 346            | 473            | 5,825          | 19,329       |                          |                    | 12,685         |                    | 6,644          |                    |
| 12/15/2017 | 14,688           | 167           | 0             | 0                    | -              | 319            | 434            | 5,868          | 21,476       | 141,477                  | 20,211             | 14,855         | 13,716             | 6,621          | 6,495              |
| 12/16/2017 | 13,500           | 169           | 0             | 0                    | -              | 329            | 478            | 6,152          | 20,628       |                          |                    | 13,669         |                    | 6,959          |                    |
| 12/17/2017 | 13,500           | 169           | 0             | 0                    | -              | 329            | 478            | 6,152          | 20,628       |                          |                    | 13,669         |                    | 6,959          |                    |
| 12/18/2017 | 11,973           | 161           | 0             | 0                    | -              | 302            | 489            | 5,642          | 18,567       |                          |                    | 12,134         |                    | 6,433          |                    |
| 12/19/2017 | 14,234           | 185           | 0             | 0                    | -              | 352            | 537            | 6,312          | 21,620       |                          |                    | 14,419         |                    | 7,201          |                    |
| 12/20/2017 | 24,701           | 164           | 0             | 0                    | -              | 334            | 531            | 5,865          | 31,595       |                          |                    | 24,865         |                    | 6,730          |                    |
| 12/21/2017 | 26,536           | 176           | 0             | 0                    | -              | 329            | 587            | 6,102          | 33,730       |                          |                    | 26,712         |                    | 7,018          |                    |
| 12/22/2017 | 27,409           | 169           | 0             | 0                    | -              | 312            | 360            | 6,102          | 34,352       | 181,120                  | 25,874             | 27,578         | 19,007             | 6,774          | 6,868              |
| 12/23/2017 | 26,669           | 174           | 0             | 0                    | -              | 315            | 446            | 6,180          | 33,784       |                          |                    | 26,843         |                    | 6,941          |                    |
| 12/24/2017 | 26,669           | 174           | 0             | 0                    | -              | 315            | 446            | 6,180          | 33,784       |                          |                    | 26,843         |                    | 6,941          |                    |
| 12/25/2017 | 26,669           | 174           | 0             | 0                    | -              | 315            | 446            | 6,180          | 33,784       |                          |                    | 26,843         |                    | 6,941          |                    |
| 12/26/2017 | 28,762           | 180           | 0             | 0                    | -              | 330            | 430            | 6,618          | 36,320       |                          |                    | 28,942         |                    | 7,378          |                    |
| 12/27/2017 | 26,600           | 155           | 0             | 0                    | -              | 265            | 384            | 5,565          | 32,969       |                          |                    | 26,755         |                    | 6,214          |                    |
| 12/28/2017 | 26,598           | 173           | 0             | 0                    | -              | 331            | 398            | 6,250          | 33,750       |                          |                    | 26,771         |                    | 6,979          |                    |
| 12/29/2017 | 26,701           | 166           | 0             | 0                    | -              | 315            | 321            | 6,109          | 33,612       | 238,003                  | 34,000             | 26,867         | 27,123             | 6,745          | 6,877              |
| 12/30/2017 | 20,093           | 166           | 0             | 0                    | -              | 309            | 354            | 6,172          | 27,094       |                          |                    | 20,259         |                    | 6,835          |                    |
| 12/31/2017 | 20,093           | 166           | 0             | 0                    | -              | 309            | 354            | 6,172          | 27,094       |                          |                    | 20,259         |                    | 6,835          |                    |
| 1/1/2018   | 20,093           | 166           | 0             | 0                    | -              | 309            | 354            | 6,172          | 27,094       |                          |                    | 20,259         |                    | 6,835          |                    |
| 1/2/2018   | 109              | 159           | 0             | 0                    | -              | 310            | 301            | 6,266          | 7,145        |                          |                    | 268            |                    | 6,877          |                    |
| 1/3/2018   | 8,675            | 144           | 0             | 0                    | -              | 306            | 276            | 6,279          | 15,680       |                          |                    | 8,819          |                    | 6,861          |                    |
| 1/4/2018   | 348              | 158           | 0             | 0                    | -              | 269            | 311            | 5,939          | 7,025        |                          |                    | 506            |                    | 6,519          |                    |
| 1/5/2018   | 90               | 163           | 0             | 0                    | -              | 262            | 326            | 6,164          | 7,005        | 118,137                  | 16,877             | 253            | 10,089             | 6,752          | 6,788              |
| 1/6/2018   | 5,863            | 171           | 0             | 0                    | -              | 282            | 356            | 6,175          | 12,847       |                          |                    | 6,034          |                    | 6,813          |                    |
| 1/7/2018   | 5,863            | 171           | 0             | 0                    | -              | 282            | 356            | 6,175          | 12,847       |                          |                    | 6,034          |                    | 6,813          |                    |
| 1/8/2018   | 21,201           | 166           | 0             | 0                    | -              | 300            | 469            | 5,978          | 28,114       |                          |                    | 21,367         |                    | 6,747          |                    |
| 1/9/2018   | 426              | 2             | 0             | 0                    | -              | 8              | 5              | 193            | 634          |                          |                    | 428            |                    | 206            |                    |
| 1/10/2018  | 0                | 2             | 0             | 0                    | -              | 1              | 1              | 0              | 4            |                          |                    | 2              |                    | 2              |                    |
| 1/11/2018  | 16,841           | 493           | 0             | 0                    | -              | 479            | 593            | 5,338          | 23,744       |                          |                    | 17,334         |                    | 6,410          |                    |
| 1/12/2018  | 21,557           | 159           | 0             | 0                    | -              | 0              | 385            | 6,030          | 28,131       | 106,321                  | 15,189             | 21,716         | 10,416             | 6,415          | 4,772              |
| 1/13/2018  | 22,898           | 155           | 0             | 0                    | -              | 379            | 232            | 6,152          | 29,816       |                          |                    | 23,053         |                    | 6,763          |                    |
| 1/14/2018  | 22,898           | 155           | 0             | 0                    | -              | 379            | 232            | 6,152          | 29,816       |                          |                    | 23,053         |                    | 6,763          |                    |

Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|-----------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 1/15/2018 | 22,898           | 155           | 0             | 0                    | -              | 379            | 232            | 6,152          | 29,816       |                          |                    | 23,053         |                    | 6,763          |                    |
| 1/16/2018 | 13               | 164           | 0             | 0                    | -              | 78             | 263            | 6,081          | 6,599        |                          |                    | 177            |                    | 6,422          |                    |
| 1/17/2018 | 15,975           | 149           | 0             | 0                    | -              | 317            | 265            | 6,098          | 22,804       |                          |                    | 16,124         |                    | 6,680          |                    |
| 1/18/2018 | 21,643           | 6             | 0             | 0                    | -              | 271            | 209            | 5,784          | 27,913       |                          |                    | 21,649         |                    | 6,264          |                    |
| 1/19/2018 | 22,155           | 289           | 0             | 0                    | -              | 281            | 257            | 5,570          | 28,552       | 175,316                  | 25,045             | 22,444         | 18,508             | 6,108          | 6,538              |
| 1/20/2018 | 23,061           | 161           | 0             | 0                    | -              | 277            | 303            | 6,305          | 30,107       |                          |                    | 23,222         |                    | 6,885          |                    |
| 1/21/2018 | 23,061           | 161           | 0             | 0                    | -              | 277            | 303            | 6,305          | 30,107       |                          |                    | 23,222         |                    | 6,885          |                    |
| 1/22/2018 | 23,993           | 78            | 0             | 0                    | -              | 292            | 374            | 6,420          | 31,157       |                          |                    | 24,071         |                    | 7,086          |                    |
| 1/23/2018 | 23,632           | 10            | 0             | 0                    | -              | 258            | 292            | 6,102          | 30,294       |                          |                    | 23,642         |                    | 6,652          |                    |
| 1/24/2018 | 21,700           | 0             | 0             | 0                    | -              | 218            | 228            | 5,526          | 27,672       |                          |                    | 21,700         |                    | 5,972          |                    |
| 1/25/2018 | 23,530           | 0             | 0             | 0                    | -              | 242            | 224            | 6,295          | 30,291       |                          |                    | 23,530         |                    | 6,761          |                    |
| 1/26/2018 | 24,192           | 0             | 0             | 0                    | -              | 234            | 273            | 5,771          | 30,470       | 210,098                  | 30,014             | 24,192         | 23,368             | 6,278          | 6,646              |
| 1/27/2018 | 23,276           | 0             | 0             | 0                    | -              | 270            | 314            | 5,947          | 29,807       |                          |                    | 23,276         |                    | 6,531          |                    |
| 1/28/2018 | 23,276           | 0             | 0             | 0                    | -              | 270            | 314            | 5,947          | 29,807       |                          |                    | 23,276         |                    | 6,531          |                    |
| 1/29/2018 | 25,242           | 0             | 0             | 0                    | -              | 240            | 243            | 5,991          | 31,716       |                          |                    | 25,242         |                    | 6,474          |                    |
| 1/30/2018 | 26,225           | 0             | 0             | 0                    | -              | 222            | 210            | 5,869          | 32,526       |                          |                    | 26,225         |                    | 6,301          |                    |
| 1/31/2018 | 25,743           | 0             | 0             | 0                    | -              | 249            | 241            | 6,166          | 32,399       |                          |                    | 25,743         |                    | 6,656          |                    |
| 2/1/2018  | 11,549           | 0             | 0             | 0                    | -              | 244            | 270            | 5,899          | 17,962       |                          |                    | 11,549         |                    | 6,413          |                    |
| 2/2/2018  | 12,458           | 0             | 0             | 0                    | -              | 258            | 282            | 6,200          | 19,198       | 193,415                  | 27,631             | 12,458         | 21,110             | 6,740          | 6,521              |
| 2/3/2018  | 11,693           | 0             | 0             | 0                    | -              | 252            | 291            | 6,282          | 18,518       |                          |                    | 11,693         |                    | 6,825          |                    |
| 2/4/2018  | 11,693           | 0             | 0             | 0                    | -              | 252            | 291            | 3,141          | 15,377       |                          |                    | 11,693         |                    | 3,684          |                    |
| 2/5/2018  | 14,904           | 0             | 0             | 0                    | -              | 224            | 344            | 2,835          | 18,307       |                          |                    | 14,904         |                    | 3,403          |                    |
| 2/6/2018  | 7,335            | 0             | 0             | 0                    | -              | 218            | 187            | 3,055          | 10,795       |                          |                    | 7,335          |                    | 3,460          |                    |
| 2/7/2018  | 11,251           | 0             | 0             | 0                    | -              | 251            | 327            | 3,281          | 15,110       |                          |                    | 11,251         |                    | 3,859          |                    |
| 2/8/2018  | 9,472            | 0             | 0             | 0                    | -              | 216            | 183            | 4,643          | 14,514       |                          |                    | 9,472          |                    | 5,042          |                    |
| 2/9/2018  | 10,111           | 0             | 0             | 0                    | -              | 232            | 311            | 3,134          | 13,788       | 106,409                  | 15,201             | 10,111         | 10,923             | 3,677          | 4,279              |
| 2/10/2018 | 10,235           | 0             | 0             | 0                    | -              | 233            | 349            | 3,072          | 13,889       |                          |                    | 10,235         |                    | 3,654          |                    |
| 2/11/2018 | 10,235           | 0             | 0             | 0                    | -              | 233            | 349            | 3,072          | 13,889       |                          |                    | 10,235         |                    | 3,654          |                    |
| 2/12/2018 | 10,976           | 0             | 0             | 0                    | -              | 218            | 346            | 3,241          | 14,781       |                          |                    | 10,976         |                    | 3,805          |                    |
| 2/13/2018 | 10,557           | 0             | 0             | 0                    | -              | 231            | 326            | 3,842          | 14,956       |                          |                    | 10,557         |                    | 4,399          |                    |
| 2/14/2018 | 0                | 0             | 0             | 0                    | -              | 185            | 251            | 409            | 845          |                          |                    | 0              |                    | 845            |                    |
| 2/15/2018 | 2,657            | 0             | 0             | 0                    | -              | 234            | 325            | 659            | 3,875        |                          |                    | 2,657          |                    | 1,218          |                    |
| 2/16/2018 | 0                | 0             | 0             | 0                    | -              | 216            | 297            | 0              | 513          | 62,748                   | 8,964              | 0              | 6,380              | 513            | 2,584              |
| 2/17/2018 | 0                | 0             | 0             | 0                    | -              | 224            | 314            | 4              | 542          |                          |                    | 0              |                    | 542            |                    |
| 2/18/2018 | 0                | 0             | 0             | 0                    | -              | 224            | 314            | 0              | 538          |                          |                    | 0              |                    | 538            |                    |
| 2/19/2018 | 0                | 0             | 0             | 0                    | -              | 194            | 290            | 1,907          | 2,391        |                          |                    | 0              |                    | 2,391          |                    |
| 2/20/2018 | 149              | 0             | 0             | 0                    | -              | 203            | 330            | 2,983          | 3,665        |                          |                    | 149            |                    | 3,516          |                    |
| 2/21/2018 | 78               | 80            | 0             | 0                    | -              | 197            | 285            | 2,970          | 3,610        |                          |                    | 158            |                    | 3,452          |                    |
| 2/22/2018 | 78               | 86            | 0             | 0                    | -              | 185            | 284            | 2,819          | 3,452        |                          |                    | 164            |                    | 3,288          |                    |
| 2/23/2018 | 74               | 82            | 0             | 0                    | -              | 202            | 283            | 2,928          | 3,569        | 17,767                   | 2,538              | 156            | 90                 | 3,413          | 2,449              |
| 2/24/2018 | 76               | 84            | 0             | 0                    | -              | 214            | 298            | 3,063          | 3,735        |                          |                    | 160            |                    | 3,575          |                    |
| 2/25/2018 | 76               | 84            | 0             | 0                    | -              | 214            | 298            | 3,063          | 3,735        |                          |                    | 160            |                    | 3,575          |                    |
| 2/26/2018 | 73               | 152           | 0             | 0                    | -              | 199            | 293            | 3,063          | 3,780        |                          |                    | 225            |                    | 3,555          |                    |
| 2/27/2018 | 74               | 17            | 0             | 0                    | -              | 198            | 273            | 1,039          | 1,601        |                          |                    | 91             |                    | 1,510          |                    |
| 2/28/2018 | 87               | 87            | 0             | 0                    | -              | 213            | 280            | 3,134          | 3,801        |                          |                    | 174            |                    | 3,627          |                    |
| 3/1/2018  | 76               | 85            | 0             | 0                    | -              | 205            | 133            | 2,484          | 2,983        |                          |                    | 161            |                    | 2,822          |                    |
| 3/2/2018  | 71               | 83            | 0             | 0                    | -              | 197            | 118            | 3,143          | 3,612        | 23,247                   | 3,321              | 154            | 161                | 3,458          | 3,160              |
| 3/3/2018  | 73               | 81            | 0             | 0                    | -              | 198            | 103            | 2,877          | 3,332        |                          |                    | 154            |                    | 3,178          |                    |
| 3/4/2018  | 73               | 81            | 0             | 0                    | -              | 198            | 103            | 2,877          | 3,332        |                          |                    | 154            |                    | 3,178          |                    |
| 3/5/2018  | 16               | 0             | 0             | 0                    | -              | 44             | 5              | 640            | 705          |                          |                    | 16             |                    | 689            |                    |
| 3/6/2018  | 54               | 142           | 0             | 0                    | -              | 239            | 158            | 1,662          | 2,255        |                          |                    | 196            |                    | 2,059          |                    |
| 3/7/2018  | 27               | 79            | 0             | 0                    | -              | 223            | 127            | 2,622          | 3,078        |                          |                    | 106            |                    | 2,972          |                    |
| 3/8/2018  | 75               | 63            | 0             | 0                    | -              | 153            | 72             | 26             | 389          |                          |                    | 138            |                    | 251            |                    |
| 3/9/2018  | 69               | 74            | 0             | 0                    | -              | 181            | 92             | 99             | 515          | 13,606                   | 1,944              | 143            | 130                | 372            | 1,814              |
| 3/10/2018 | 79               | 90            | 0             | 0                    | -              | 211            | 133            | 2,017          | 2,530        |                          |                    | 169            |                    | 2,361          |                    |
| 3/11/2018 | 79               | 90            | 0             | 0                    | -              | 211            | 133            | 2,017          | 2,530        |                          |                    | 169            |                    | 2,361          |                    |
| 3/12/2018 | 57               | 66            | 0             | 0                    | -              | 139            | 68             | 2,654          | 2,984        |                          |                    | 123            |                    | 2,861          |                    |
| 3/13/2018 | 74               | 79            | 0             | 0                    | -              | 167            | 80             | 3,491          | 3,891        |                          |                    | 153            |                    | 3,738          |                    |
| 3/14/2018 | 80               | 33            | 0             | 0                    | -              | 176            | 87             | 3,738          | 4,114        |                          |                    | 113            |                    | 4,001          |                    |
| 3/15/2018 | 79               | 0             | 0             | 0                    | -              | 161            | 67             | 2,978          | 3,285        |                          |                    | 79             |                    | 3,206          |                    |
| 3/16/2018 | 78               | 0             | 0             | 0                    | -              | 168            | 91             | 3,567          | 3,904        | 23,238                   | 3,320              | 78             | 126                | 3,826          | 3,193              |
| 3/17/2018 | 71               | 0             | 0             | 0                    | -              | 206            | 117            | 3,053          | 3,447        |                          |                    | 71             |                    | 3,376          |                    |
| 3/18/2018 | 71               | 0             | 0             | 0                    | -              | 206            | 117            | 3,053          | 3,447        |                          |                    | 71             |                    | 3,376          |                    |
| 3/19/2018 | 78               | 0             | 0             | 0                    | -              | 154            | 103            | 1,920          | 2,255        |                          |                    | 78             |                    | 2,177          |                    |
| 3/20/2018 | 96               | 0             | 0             | 0                    | -              | 188            | 104            | 31             | 419          |                          |                    | 96             |                    | 323            |                    |

Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|-----------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 3/21/2018 | 81               | 0             | 0             | 0                    | -              | 137            | 77             | 2,878          | 3,173        |                          |                    | 81             |                    | 3,092          |                    |
| 3/22/2018 | 85               | 24            | 0             | 0                    | -              | 148            | 64             | 1,600          | 1,921        |                          |                    | 109            |                    | 1,812          |                    |
| 3/23/2018 | 60               | 0             | 0             | 0                    | -              | 149            | 75             | 1,806          | 2,090        | 16,752                   | 2,393              | 60             | 81                 | 2,030          | 2,312              |
| 3/24/2018 | 40               | 0             | 0             | 0                    | -              | 165            | 92             | 0              | 297          |                          |                    | 40             |                    | 257            |                    |
| 3/25/2018 | 40               | 0             | 0             | 0                    | -              | 165            | 92             | 0              | 297          |                          |                    | 40             |                    | 257            |                    |
| 3/26/2018 | 96               | 358           | 0             | 0                    | -              | 166            | 89             | 342            | 1,051        |                          |                    | 454            |                    | 597            |                    |
| 3/27/2018 | 76               | 258           | 0             | 0                    | -              | 160            | 74             | 0              | 568          |                          |                    | 334            |                    | 234            |                    |
| 3/28/2018 | 104              | 0             | 0             | 0                    | -              | 159            | 99             | 837            | 1,199        |                          |                    | 104            |                    | 1,095          |                    |
| 3/29/2018 | 17               | 0             | 0             | 0                    | -              | 18             | 13             | 0              | 48           |                          |                    | 17             |                    | 31             |                    |
| 3/30/2018 | 48               | 0             | 0             | 0                    | -              | 145            | 59             | 284            | 536          | 3,996                    | 571                | 48             | 148                | 488            | 423                |
| 3/31/2018 | 38               | 0             | 0             | 0                    | -              | 90             | 44             | 811            | 983          |                          |                    | 38             |                    | 945            |                    |
| 4/1/2018  | 38               | 0             | 0             | 0                    | -              | 90             | 44             | 811            | 983          |                          |                    | 38             |                    | 945            |                    |
| 4/2/2018  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 4/3/2018  | 0                | 0             | 0             | 0                    | -              | 0              | 16             | 0              | 16           |                          |                    | 0              |                    | 16             |                    |
| 4/4/2018  | 39               | 0             | 0             | 0                    | -              | 65             | 93             | 223            | 420          |                          |                    | 39             |                    | 381            |                    |
| 4/5/2018  | 29               | 0             | 0             | 0                    | -              | 219            | 30             | 223            | 501          |                          |                    | 29             |                    | 472            |                    |
| 4/6/2018  | 36               | 0             | 0             | 0                    | -              | 150            | 82             | 318            | 586          | 3,489                    | 498                | 36             | 26                 | 550            | 473                |
| 4/7/2018  | 15               | 0             | 0             | 0                    | -              | 85             | 31             | 302            | 433          |                          |                    | 15             |                    | 418            |                    |
| 4/8/2018  | 15               | 0             | 0             | 0                    | -              | 85             | 31             | 302            | 433          |                          |                    | 15             |                    | 418            |                    |
| 4/9/2018  | 52               | 0             | 0             | 0                    | -              | 164            | 57             | 0              | 273          |                          |                    | 52             |                    | 221            |                    |
| 4/10/2018 | 52               | 0             | 0             | 0                    | -              | 144            | 47             | 0              | 243          |                          |                    | 52             |                    | 191            |                    |
| 4/11/2018 | 66               | 0             | 0             | 0                    | -              | 114            | 44             | 3,465          | 3,689        |                          |                    | 66             |                    | 3,623          |                    |
| 4/12/2018 | 36               | 0             | 0             | 0                    | -              | 119            | 25             | 0              | 180          |                          |                    | 36             |                    | 144            |                    |
| 4/13/2018 | 52               | 0             | 0             | 0                    | -              | 196            | 63             | 265            | 576          | 5,827                    | 832                | 52             | 41                 | 524            | 791                |
| 4/14/2018 | 32               | 0             | 0             | 0                    | -              | 55             | 29             | 1,082          | 1,198        |                          |                    | 32             |                    | 1,166          |                    |
| 4/15/2018 | 32               | 0             | 0             | 0                    | -              | 55             | 29             | 1,082          | 1,198        |                          |                    | 32             |                    | 1,166          |                    |
| 4/16/2018 | 92               | 0             | 0             | 0                    | -              | 309            | 59             | 0              | 460          |                          |                    | 92             |                    | 368            |                    |
| 4/17/2018 | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 631            | 631          |                          |                    | 0              |                    | 631            |                    |
| 4/18/2018 | 127              | 0             | 0             | 0                    | -              | 282            | 108            | 664            | 1,181        |                          |                    | 127            |                    | 1,054          |                    |
| 4/19/2018 | 21               | 0             | 0             | 0                    | -              | 0              | 10             | 0              | 31           |                          |                    | 21             |                    | 10             |                    |
| 4/20/2018 | 28               | 0             | 0             | 0                    | -              | 0              | 31             | 0              | 59           | 4,758                    | 680                | 28             | 47                 | 31             | 632                |
| 4/21/2018 | 30               | 0             | 0             | 0                    | -              | 0              | 45             | 1,887          | 1,962        |                          |                    | 30             |                    | 1,932          |                    |
| 4/22/2018 | 30               | 0             | 0             | 0                    | -              | 0              | 45             | 1,887          | 1,962        |                          |                    | 30             |                    | 1,932          |                    |
| 4/23/2018 | 23               | 0             | 0             | 0                    | -              | 0              | 30             | 613            | 666          |                          |                    | 23             |                    | 643            |                    |
| 4/24/2018 | 75               | 0             | 0             | 0                    | -              | 0              | 83             | 647            | 805          |                          |                    | 75             |                    | 730            |                    |
| 4/25/2018 | 45               | 0             | 0             | 0                    | -              | 0              | 47             | 2,000          | 2,092        |                          |                    | 45             |                    | 2,047          |                    |
| 4/26/2018 | 7                | 820           | 0             | 0                    | -              | 0              | 11             | 233            | 1,071        |                          |                    | 827            |                    | 244            |                    |
| 4/27/2018 | 19               | 162           | 0             | 0                    | -              | 0              | 26             | 622            | 829          | 9,387                    | 1,341              | 181            | 173                | 648            | 1,168              |
| 4/28/2018 | 26               | 302           | 0             | 0                    | -              | 0              | 30             | 1,189          | 1,547        |                          |                    | 328            |                    | 1,219          |                    |
| 4/29/2018 | 26               | 302           | 0             | 0                    | -              | 0              | 30             | 1,189          | 1,547        |                          |                    | 328            |                    | 1,219          |                    |
| 4/30/2018 | 22               | 58            | 0             | 0                    | -              | 0              | 58             | 637            | 775          |                          |                    | 80             |                    | 695            |                    |
| 5/1/2018  | 18               | 48            | 0             | 0                    | -              | 0              | 44             | 386            | 496          |                          |                    | 66             |                    | 430            |                    |
| 5/2/2018  | 40               | 72            | 0             | 0                    | -              | 0              | 51             | 662            | 825          |                          |                    | 112            |                    | 713            |                    |
| 5/3/2018  | 12               | 33            | 0             | 0                    | -              | 0              | 39             | 273            | 357          |                          |                    | 45             |                    | 312            |                    |
| 5/4/2018  | 24               | 48            | 0             | 0                    | -              | 0              | 22             | 350            | 444          | 5,991                    | 856                | 72             | 147                | 372            | 709                |
| 5/5/2018  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 5/6/2018  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 5/7/2018  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 5/8/2018  | 57               | 77            | 0             | 0                    | -              | 0              | 114            | 203            | 451          |                          |                    | 134            |                    | 317            |                    |
| 5/9/2018  | 20               | 70            | 0             | 0                    | -              | 0              | 50             | 323            | 463          |                          |                    | 90             |                    | 373            |                    |
| 5/10/2018 | 34               | 96            | 0             | 0                    | -              | 0              | 59             | 0              | 189          |                          |                    | 130            |                    | 59             |                    |
| 5/11/2018 | 86               | 163           | 0             | 0                    | -              | 0              | 62             | 0              | 311          | 1,414                    | 202                | 249            | 86                 | 62             | 116                |
| 5/12/2018 | 90               | 171           | 0             | 0                    | -              | 0              | 59             | 356            | 676          |                          |                    | 261            |                    | 415            |                    |
| 5/13/2018 | 90               | 171           | 0             | 0                    | -              | 0              | 59             | 356            | 676          |                          |                    | 261            |                    | 415            |                    |
| 5/14/2018 | 85               | 3,405         | 0             | 0                    | -              | 0              | 57             | 6              | 3,553        |                          |                    | 3,490          |                    | 63             |                    |
| 5/15/2018 | 47               | 4,911         | 0             | 0                    | -              | 0              | 53             | 243            | 5,254        |                          |                    | 4,958          |                    | 296            |                    |
| 5/16/2018 | 97               | 3,054         | 0             | 0                    | -              | 0              | 62             | 384            | 3,597        |                          |                    | 3,151          |                    | 446            |                    |
| 5/17/2018 | 92               | 170           | 0             | 0                    | -              | 0              | 54             | 0              | 316          |                          |                    | 262            |                    | 54             |                    |
| 5/18/2018 | 100              | 123           | 0             | 0                    | -              | 0              | 58             | 0              | 281          | 14,353                   | 2,050              | 223            | 1,801              | 58             | 250                |
| 5/19/2018 | 874              | 2             | 0             | 0                    | -              | 0              | 43             | 391            | 1,310        |                          |                    | 876            |                    | 434            |                    |
| 5/20/2018 | 874              | 2             | 0             | 0                    | -              | 0              | 43             | 391            | 1,310        |                          |                    | 876            |                    | 434            |                    |
| 5/21/2018 | 86               | 1             | 0             | 0                    | -              | 0              | 56             | 1,051          | 1,194        |                          |                    | 87             |                    | 1,107          |                    |
| 5/22/2018 | 107              | 0             | 0             | 0                    | -              | 0              | 79             | 2,144          | 2,330        |                          |                    | 107            |                    | 2,223          |                    |
| 5/23/2018 | 93               | 1,766         | 0             | 0                    | -              | 0              | 49             | 1,445          | 3,353        |                          |                    | 1,859          |                    | 1,494          |                    |
| 5/24/2018 | 68               | 31            | 0             | 0                    | -              | 0              | 1              | 0              | 100          |                          |                    | 99             |                    | 1              |                    |

Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|-----------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 5/25/2018 | 94               | 341           | 0             | 0                    | -              | 0              | 0              | 0              | 435          | 10,032                   | 1,433              | 435            | 620                | 0              | 813                |
| 5/26/2018 | 176              | 323           | 0             | 0                    | -              | 0              | 0              | 0              | 499          |                          |                    | 499            |                    | 0              |                    |
| 5/27/2018 | 176              | 323           | 0             | 0                    | -              | 0              | 0              | 0              | 499          |                          |                    | 499            |                    | 0              |                    |
| 5/28/2018 | 97               | 334           | 0             | 0                    | -              | 0              | 0              | 0              | 431          |                          |                    | 431            |                    | 0              |                    |
| 5/29/2018 | 214              | 885           | 0             | 0                    | -              | 0              | 0              | 3,974          | 5,073        |                          |                    | 1,099          |                    | 3,974          |                    |
| 5/30/2018 | 4,161            | 1,176         | 0             | 0                    | -              | 0              | 0              | 0              | 5,337        |                          |                    | 5,337          |                    | 0              |                    |
| 5/31/2018 | 930              | 230           | 0             | 0                    | -              | 0              | 0              | 3,912          | 5,072        |                          |                    | 1,160          |                    | 3,912          |                    |
| 6/1/2018  | 126              | 178           | 0             | 0                    | -              | 0              | 0              | 2,000          | 2,304        | 19,215                   | 2,745              | 304            | 1,333              | 2,000          | 1,412              |
| 6/2/2018  | 95               | 200           | 0             | 0                    | -              | 0              | 0              | 1,662          | 1,957        |                          |                    | 295            |                    | 1,662          |                    |
| 6/3/2018  | 95               | 200           | 0             | 0                    | -              | 0              | 0              | 1,662          | 1,957        |                          |                    | 295            |                    | 1,662          |                    |
| 6/4/2018  | 108              | 179           | 0             | 0                    | -              | 0              | 0              | 0              | 287          |                          |                    | 287            |                    | 0              |                    |
| 6/5/2018  | 95               | 186           | 0             | 0                    | -              | 0              | 0              | 453            | 734          |                          |                    | 281            |                    | 453            |                    |
| 6/6/2018  | 103              | 210           | 0             | 0                    | -              | 0              | 0              | 1              | 314          |                          |                    | 313            |                    | 1              |                    |
| 6/7/2018  | 80               | 158           | 0             | 0                    | -              | 0              | 0              | 1,253          | 1,491        |                          |                    | 238            |                    | 1,253          |                    |
| 6/8/2018  | 89               | 180           | 0             | 0                    | -              | 0              | 0              | 3,235          | 3,504        | 10,244                   | 1,463              | 269            | 283                | 3,235          | 1,181              |
| 6/9/2018  | 17               | 193           | 0             | 0                    | -              | 0              | 0              | 3,478          | 3,688        |                          |                    | 210            |                    | 3,478          |                    |
| 6/10/2018 | 17               | 193           | 0             | 0                    | -              | 0              | 0              | 3,478          | 3,688        |                          |                    | 210            |                    | 3,478          |                    |
| 6/11/2018 | 160              | 237           | 0             | 0                    | -              | 0              | 0              | 4,696          | 5,093        |                          |                    | 397            |                    | 4,696          |                    |
| 6/12/2018 | 172              | 143           | 0             | 0                    | -              | 0              | 0              | 0              | 315          |                          |                    | 315            |                    | 0              |                    |
| 6/13/2018 | 95               | 65            | 0             | 0                    | -              | 0              | 0              | 3,522          | 3,682        |                          |                    | 160            |                    | 3,522          |                    |
| 6/14/2018 | 86               | 0             | 0             | 0                    | -              | 0              | 0              | 1              | 87           |                          |                    | 86             |                    | 1              |                    |
| 6/15/2018 | 83               | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 83           | 16,636                   | 2,377              | 83             | 209                | 0              | 2,168              |
| 6/16/2018 | 90               | 0             | 0             | 0                    | -              | 0              | 0              | 1              | 91           |                          |                    | 90             |                    | 1              |                    |
| 6/17/2018 | 90               | 0             | 0             | 0                    | -              | 0              | 0              | 1              | 91           |                          |                    | 90             |                    | 1              |                    |
| 6/18/2018 | 85               | 0             | 0             | 0                    | -              | 0              | 0              | 1,117          | 1,202        |                          |                    | 85             |                    | 1,117          |                    |
| 6/19/2018 | 85               | 0             | 0             | 0                    | -              | 0              | 0              | 1              | 86           |                          |                    | 85             |                    | 1              |                    |
| 6/20/2018 | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 6/21/2018 | 192              | 0             | 0             | 0                    | -              | 0              | 0              | 2,107          | 2,299        |                          |                    | 192            |                    | 2,107          |                    |
| 6/22/2018 | 75               | 0             | 0             | 0                    | -              | 0              | 0              | 3,457          | 3,532        | 7,301                    | 1,043              | 75             | 88                 | 3,457          | 955                |
| 6/23/2018 | 55               | 0             | 0             | 0                    | -              | 0              | 0              | 499            | 554          |                          |                    | 55             |                    | 499            |                    |
| 6/24/2018 | 55               | 0             | 0             | 0                    | -              | 0              | 0              | 499            | 554          |                          |                    | 55             |                    | 499            |                    |
| 6/25/2018 | 118              | 0             | 0             | 0                    | -              | 0              | 0              | 2,141          | 2,259        |                          |                    | 118            |                    | 2,141          |                    |
| 6/26/2018 | 347              | 0             | 0             | 0                    | -              | 0              | 0              | 3,796          | 4,143        |                          |                    | 347            |                    | 3,796          |                    |
| 6/27/2018 | 456              | 0             | 0             | 0                    | -              | 0              | 0              | 4,179          | 4,635        |                          |                    | 456            |                    | 4,179          |                    |
| 6/28/2018 | 65               | 0             | 0             | 0                    | -              | 0              | 0              | 2,657          | 2,722        |                          |                    | 65             |                    | 2,657          |                    |
| 6/29/2018 | 117              | 0             | 0             | 0                    | -              | 0              | 0              | 3,156          | 3,273        | 18,140                   | 2,591              | 117            | 173                | 3,156          | 2,418              |
| 6/30/2018 | 464              | 0             | 0             | 0                    | -              | 0              | 0              | 3,647          | 4,111        |                          |                    | 464            |                    | 3,647          |                    |
| 7/1/2018  | 464              | 0             | 0             | 0                    | -              | 0              | 0              | 3,646          | 4,110        |                          |                    | 464            |                    | 3,646          |                    |
| 7/2/2018  | 931              | 0             | 0             | 0                    | -              | 0              | 0              | 2,559          | 3,490        |                          |                    | 931            |                    | 2,559          |                    |
| 7/3/2018  | 402              | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 402          |                          |                    | 402            |                    | 0              |                    |
| 7/4/2018  | 402              | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 402          |                          |                    | 402            |                    | 0              |                    |
| 7/5/2018  | 85               | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 85           |                          |                    | 85             |                    | 0              |                    |
| 7/6/2018  | 119              | 4,863         | 0             | 0                    | -              | 0              | 0              | 0              | 4,982        | 17,582                   | 2,512              | 4,982          | 1,104              | 0              | 1,407              |
| 7/7/2018  | 75               | 150           | 0             | 0                    | -              | 500            | 0              | 0              | 725          |                          |                    | 225            |                    | 500            |                    |
| 7/8/2018  | 75               | 150           | 0             | 0                    | -              | 500            | 0              | 0              | 725          |                          |                    | 225            |                    | 500            |                    |
| 7/9/2018  | 125              | 225           | 0             | 0                    | -              | 750            | 0              | 0              | 1,100        |                          |                    | 350            |                    | 750            |                    |
| 7/10/2018 | 150              | 250           | 0             | 0                    | -              | 412            | 0              | 0              | 812          |                          |                    | 400            |                    | 412            |                    |
| 7/11/2018 | 134              | 130           | 0             | 0                    | -              | 250            | 0              | 0              | 514          |                          |                    | 264            |                    | 250            |                    |
| 7/12/2018 | 66               | 131           | 0             | 0                    | -              | 0              | 0              | 0              | 197          |                          |                    | 197            |                    | 0              |                    |
| 7/13/2018 | 73               | 158           | 0             | 0                    | -              | 589            | 0              | 0              | 820          | 4,893                    | 699                | 231            | 270                | 589            | 429                |
| 7/14/2018 | 85               | 201           | 0             | 0                    | -              | 397            | 0              | 0              | 683          |                          |                    | 286            |                    | 397            |                    |
| 7/15/2018 | 85               | 201           | 0             | 0                    | -              | 397            | 0              | 0              | 683          |                          |                    | 286            |                    | 397            |                    |
| 7/16/2018 | 43               | 112           | 0             | 0                    | -              | 227            | 0              | 1,113          | 1,495        |                          |                    | 155            |                    | 1,340          |                    |
| 7/17/2018 | 63               | 163           | 0             | 0                    | -              | 341            | 0              | 1,834          | 2,401        |                          |                    | 226            |                    | 2,175          |                    |
| 7/18/2018 | 76               | 0             | 0             | 0                    | -              | 455            | 0              | 1              | 532          |                          |                    | 76             |                    | 456            |                    |
| 7/19/2018 | 27               | 0             | 0             | 0                    | -              | 235            | 0              | 885            | 1,147        |                          |                    | 27             |                    | 1,120          |                    |
| 7/20/2018 | 52               | 734           | 0             | 0                    | -              | 358            | 0              | 1,439          | 2,583        | 9,524                    | 1,361              | 786            | 263                | 1,797          | 1,097              |
| 7/21/2018 | 599              | 660           | 0             | 0                    | -              | 424            | 0              | 1,144          | 2,827        |                          |                    | 1,259          |                    | 1,568          |                    |
| 7/22/2018 | 599              | 660           | 0             | 0                    | -              | 424            | 0              | 1,144          | 2,827        |                          |                    | 1,259          |                    | 1,568          |                    |
| 7/23/2018 | 764              | 279           | 0             | 0                    | -              | 215            | 0              | 2,533          | 3,791        |                          |                    | 1,043          |                    | 2,748          |                    |
| 7/24/2018 | 300              | 285           | 0             | 0                    | -              | 315            | 0              | 1,237          | 2,137        |                          |                    | 585            |                    | 1,552          |                    |
| 7/25/2018 | 244              | 393           | 0             | 0                    | -              | 352            | 0              | 1,000          | 1,989        |                          |                    | 637            |                    | 1,352          |                    |
| 7/26/2018 | 1,103            | 409           | 0             | 0                    | -              | 340            | 0              | 1              | 1,853        |                          |                    | 1,512          |                    | 341            |                    |
| 7/27/2018 | 457              | 195           | 0             | 0                    | -              | 343            | 0              | 0              | 995          | 16,419                   | 2,346              | 652            | 992                | 343            | 1,353              |
| 7/28/2018 | 0                | 334           | 0             | 0                    | -              | 359            | 0              | 0              | 693          |                          |                    | 334            |                    | 359            |                    |



Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|-----------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 7/29/2018 | 10               | 334           | 0             | 0                    | -              | 359            | 0              | 0              | 703          |                          |                    | 344            |                    | 359            |                    |
| 7/30/2018 | 1,755            | 224           | 0             | 0                    | -              | 361            | 0              | 0              | 2,340        |                          |                    | 1,979          |                    | 361            |                    |
| 7/31/2018 | 319              | 0             | 0             | 0                    | -              | 432            | 0              | 1,340          | 2,091        |                          |                    | 319            |                    | 1,772          |                    |
| 8/1/2018  | 721              | 668           | 0             | 0                    | -              | 425            | 0              | 1,442          | 3,256        |                          |                    | 1,389          |                    | 1,867          |                    |
| 8/2/2018  | 872              | 0             | 0             | 0                    | -              | 331            | 0              | 985            | 2,188        |                          |                    | 872            |                    | 1,316          |                    |
| 8/3/2018  | 370              | 0             | 0             | 0                    | -              | 391            | 0              | 609            | 1,370        | 12,641                   | 1,806              | 370            | 801                | 1,000          | 1,005              |
| 8/4/2018  | 221              | 334           | 0             | 0                    | -              | 537            | 0              | 1,337          | 2,429        |                          |                    | 555            |                    | 1,874          |                    |
| 8/5/2018  | 221              | 334           | 0             | 0                    | -              | 537            | 0              | 1,337          | 2,429        |                          |                    | 555            |                    | 1,874          |                    |
| 8/6/2018  | 142              | 334           | 0             | 0                    | -              | 422            | 0              | 0              | 898          |                          |                    | 476            |                    | 422            |                    |
| 8/7/2018  | 125              | 0             | 0             | 0                    | -              | 424            | 0              | 1,657          | 2,206        |                          |                    | 125            |                    | 2,081          |                    |
| 8/8/2018  | 194              | 0             | 0             | 0                    | -              | 692            | 0              | 1,510          | 2,396        |                          |                    | 194            |                    | 2,202          |                    |
| 8/9/2018  | 100              | 391           | 0             | 0                    | -              | 374            | 0              | 0              | 865          |                          |                    | 491            |                    | 374            |                    |
| 8/10/2018 | 140              | 13            | 0             | 0                    | -              | 564            | 0              | 0              | 717          | 11,940                   | 1,706              | 153            | 364                | 564            | 1,342              |
| 8/11/2018 | 665              | 1             | 0             | 0                    | -              | 670            | 529            | 0              | 1,865        |                          |                    | 666            |                    | 1,199          |                    |
| 8/12/2018 | 665              | 1             | 0             | 0                    | -              | 670            | 529            | 0              | 1,865        |                          |                    | 666            |                    | 1,199          |                    |
| 8/13/2018 | 141              | 2             | 0             | 0                    | -              | 444            | 488            | 1,021          | 2,096        |                          |                    | 143            |                    | 1,953          |                    |
| 8/14/2018 | 128              | 0             | 0             | 0                    | -              | 554            | 432            | 0              | 1,114        |                          |                    | 128            |                    | 986            |                    |
| 8/15/2018 | 129              | 1             | 0             | 0                    | -              | 610            | 485            | 0              | 1,225        |                          |                    | 130            |                    | 1,095          |                    |
| 8/16/2018 | 127              | 3             | 0             | 0                    | -              | 627            | 480            | 0              | 1,237        |                          |                    | 130            |                    | 1,107          |                    |
| 8/17/2018 | 124              | 4             | 0             | 0                    | -              | 1,876          | 476            | 0              | 2,480        | 11,882                   | 1,697              | 128            | 284                | 2,352          | 1,413              |
| 8/18/2018 | 145              | 2             | 0             | 0                    | -              | 117            | 545            | 0              | 809          |                          |                    | 147            |                    | 662            |                    |
| 8/19/2018 | 145              | 2             | 0             | 0                    | -              | 117            | 545            | 0              | 809          |                          |                    | 147            |                    | 662            |                    |
| 8/20/2018 | 140              | 1             | 0             | 0                    | -              | 529            | 488            | 985            | 2,143        |                          |                    | 141            |                    | 2,002          |                    |
| 8/21/2018 | 266              | 2             | 0             | 0                    | -              | 693            | 347            | 1,302          | 2,610        |                          |                    | 268            |                    | 2,342          |                    |
| 8/22/2018 | 402              | 0             | 0             | 0                    | -              | 843            | 577            | 0              | 1,822        |                          |                    | 402            |                    | 1,420          |                    |
| 8/23/2018 | 111              | 2             | 0             | 0                    | -              | 485            | 327            | 1,172          | 2,097        |                          |                    | 113            |                    | 1,984          |                    |
| 8/24/2018 | 204              | 0             | 0             | 0                    | -              | 704            | 457            | 1,165          | 2,530        | 12,820                   | 1,831              | 204            | 203                | 2,326          | 1,628              |
| 8/25/2018 | 372              | 1             | 0             | 0                    | -              | 601            | 427            | 641            | 2,042        |                          |                    | 373            |                    | 1,669          |                    |
| 8/26/2018 | 372              | 0             | 0             | 0                    | -              | 601            | 427            | 641            | 2,041        |                          |                    | 372            |                    | 1,669          |                    |
| 8/27/2018 | 1,040            | 0             | 0             | 0                    | -              | 0              | 434            | 0              | 1,474        |                          |                    | 1,040          |                    | 434            |                    |
| 8/28/2018 | 393              | 0             | 0             | 0                    | -              | 0              | 371            | 682            | 1,446        |                          |                    | 393            |                    | 1,053          |                    |
| 8/29/2018 | 1,529            | 0             | 0             | 0                    | -              | 0              | 422            | 1              | 1,952        |                          |                    | 1,529          |                    | 423            |                    |
| 8/30/2018 | 1,448            | 0             | 0             | 0                    | -              | 0              | 379            | 541            | 2,368        |                          |                    | 1,448          |                    | 920            |                    |
| 8/31/2018 | 365              | 0             | 0             | 0                    | -              | 0              | 417            | 383            | 1,165        | 12,488                   | 1,784              | 365            | 789                | 800            | 995                |
| 9/1/2018  | 426              | 0             | 0             | 0                    | -              | 855            | 494            | 562            | 2,337        |                          |                    | 426            |                    | 1,911          |                    |
| 9/2/2018  | 426              | 0             | 0             | 0                    | -              | 855            | 494            | 562            | 2,337        |                          |                    | 426            |                    | 1,911          |                    |
| 9/3/2018  | 426              | 0             | 0             | 0                    | -              | 855            | 494            | 562            | 2,337        |                          |                    | 426            |                    | 1,911          |                    |
| 9/4/2018  | 416              | 0             | 0             | 0                    | -              | 1,282          | 438            | 562            | 2,698        |                          |                    | 416            |                    | 2,282          |                    |
| 9/5/2018  | 801              | 0             | 0             | 0                    | -              | 2,157          | 786            | 562            | 4,306        |                          |                    | 801            |                    | 3,505          |                    |
| 9/6/2018  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 562            | 562          |                          |                    | 0              |                    | 562            |                    |
| 9/7/2018  | 513              | 0             | 0             | 0                    | -              | 1,125          | 459            | 562            | 2,659        | 17,236                   | 2,462              | 513            | 430                | 2,146          | 2,033              |
| 9/8/2018  | 385              | 0             | 0             | 0                    | -              | 1,014          | 456            | 562            | 2,417        |                          |                    | 385            |                    | 2,032          |                    |
| 9/9/2018  | 385              | 0             | 0             | 0                    | -              | 1,014          | 456            | 562            | 2,417        |                          |                    | 385            |                    | 2,032          |                    |
| 9/10/2018 | 297              | 1             | 0             | 0                    | -              | 972            | 425            | 562            | 2,257        |                          |                    | 298            |                    | 1,959          |                    |
| 9/11/2018 | 119              | 0             | 0             | 0                    | -              | 1,317          | 572            | 562            | 2,570        |                          |                    | 119            |                    | 2,451          |                    |
| 9/12/2018 | 398              | 0             | 0             | 0                    | -              | 782            | 315            | 562            | 2,057        |                          |                    | 398            |                    | 1,659          |                    |
| 9/13/2018 | 1,737            | 0             | 0             | 0                    | -              | 738            | 355            | 562            | 3,392        |                          |                    | 1,737          |                    | 1,655          |                    |
| 9/14/2018 | 463              | 0             | 0             | 0                    | -              | 852            | 460            | 562            | 2,337        | 17,447                   | 2,492              | 463            | 541                | 1,874          | 1,952              |
| 9/15/2018 | 555              | 0             | 0             | 0                    | -              | 955            | 517            | 562            | 2,589        |                          |                    | 555            |                    | 2,034          |                    |
| 9/16/2018 | 555              | 0             | 0             | 0                    | -              | 955            | 517            | 562            | 2,589        |                          |                    | 555            |                    | 2,034          |                    |
| 9/17/2018 | 345              | 0             | 0             | 0                    | -              | 576            | 321            | 562            | 1,804        |                          |                    | 345            |                    | 1,459          |                    |
| 9/18/2018 | 569              | 2,069         | 0             | 0                    | -              | 929            | 517            | 562            | 4,646        |                          |                    | 2,638          |                    | 2,008          |                    |
| 9/19/2018 | 277              | 0             | 0             | 0                    | -              | 492            | 268            | 562            | 1,599        |                          |                    | 277            |                    | 1,322          |                    |
| 9/20/2018 | 523              | 0             | 0             | 0                    | -              | 708            | 395            | 562            | 2,188        |                          |                    | 523            |                    | 1,665          |                    |
| 9/21/2018 | 475              | 0             | 0             | 0                    | -              | 745            | 410            | 562            | 2,192        | 17,607                   | 2,515              | 475            | 767                | 1,717          | 1,748              |
| 9/22/2018 | 610              | 0             | 0             | 0                    | -              | 872            | 485            | 562            | 2,529        |                          |                    | 610            |                    | 1,919          |                    |
| 9/23/2018 | 610              | 0             | 0             | 0                    | -              | 872            | 485            | 562            | 2,529        |                          |                    | 610            |                    | 1,919          |                    |
| 9/24/2018 | 305              | 0             | 0             | 0                    | -              | 468            | 251            | 562            | 1,586        |                          |                    | 305            |                    | 1,281          |                    |
| 9/25/2018 | 307              | 1             | 0             | 0                    | -              | 814            | 315            | 562            | 1,999        |                          |                    | 308            |                    | 1,691          |                    |
| 9/26/2018 | 771              | 0             | 0             | 0                    | -              | 830            | 520            | 562            | 2,683        |                          |                    | 771            |                    | 1,912          |                    |
| 9/27/2018 | 347              | 0             | 0             | 0                    | -              | 525            | 255            | 562            | 1,689        |                          |                    | 347            |                    | 1,342          |                    |
| 9/28/2018 | 477              | 0             | 0             | 0                    | -              | 674            | 349            | 562            | 2,062        | 15,077                   | 2,154              | 477            | 490                | 1,585          | 1,664              |
| 9/29/2018 | 848              | 0             | 0             | 0                    | -              | 1,110          | 551            | 562            | 3,071        |                          |                    | 848            |                    | 2,223          |                    |
| 9/30/2018 | 848              | 0             | 0             | 0                    | -              | 1,110          | 551            | 562            | 3,071        |                          |                    | 848            |                    | 2,223          |                    |
| 10/1/2018 | 425              | 0             | 0             | 0                    | -              | 350            | 281            | 1              | 1,057        |                          |                    | 425            |                    | 632            |                    |



Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE       | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|------------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|            | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 10/2/2018  | 375              | 0             | 0             | 0                    | -              | 450            | 225            | 0              | 1,050        |                          |                    | 375            |                    | 675            |                    |
| 10/3/2018  | 349              | 0             | 0             | 0                    | -              | 551            | 127            | 200            | 1,227        |                          |                    | 349            |                    | 878            |                    |
| 10/4/2018  | 448              | 1             | 0             | 0                    | -              | 520            | 231            | 191            | 1,391        |                          |                    | 449            |                    | 942            |                    |
| 10/5/2018  | 609              | 0             | 0             | 0                    | -              | 680            | 310            | 356            | 1,955        | 12,822                   | 1,832              | 609            | 558                | 1,346          | 1,274              |
| 10/6/2018  | 693              | 0             | 0             | 0                    | -              | 727            | 358            | 206            | 1,984        |                          |                    | 693            |                    | 1,291          |                    |
| 10/7/2018  | 693              | 0             | 0             | 0                    | -              | 727            | 358            | 206            | 1,984        |                          |                    | 693            |                    | 1,291          |                    |
| 10/8/2018  | 3                | 0             | 0             | 0                    | -              | 788            | 273            | 0              | 1,064        |                          |                    | 3              |                    | 1,061          |                    |
| 10/9/2018  | 406              | 0             | 0             | 0                    | -              | 729            | 334            | 166            | 1,635        |                          |                    | 406            |                    | 1,229          |                    |
| 10/10/2018 | 388              | 0             | 0             | 0                    | -              | 571            | 307            | 336            | 1,602        |                          |                    | 388            |                    | 1,214          |                    |
| 10/11/2018 | 79               | 0             | 0             | 0                    | -              | 412            | 176            | 0              | 667          |                          |                    | 79             |                    | 588            |                    |
| 10/12/2018 | 400              | 0             | 0             | 0                    | -              | 634            | 250            | 0              | 1,284        | 10,220                   | 1,460              | 400            | 380                | 884            | 1,080              |
| 10/13/2018 | 228              | 0             | 0             | 0                    | -              | 516            | 320            | 0              | 1,064        |                          |                    | 228            |                    | 836            |                    |
| 10/14/2018 | 228              | 0             | 0             | 0                    | -              | 516            | 320            | 0              | 1,064        |                          |                    | 228            |                    | 836            |                    |
| 10/15/2018 | 200              | 0             | 0             | 0                    | -              | 773            | 239            | 0              | 1,212        |                          |                    | 200            |                    | 1,012          |                    |
| 10/16/2018 | 300              | 0             | 0             | 0                    | -              | 605            | 164            | 0              | 1,069        |                          |                    | 300            |                    | 769            |                    |
| 10/17/2018 | 935              | 0             | 0             | 0                    | -              | 736            | 327            | 525            | 2,523        |                          |                    | 935            |                    | 1,588          |                    |
| 10/18/2018 | 416              | 0             | 0             | 0                    | -              | 367            | 141            | 0              | 924          |                          |                    | 416            |                    | 508            |                    |
| 10/19/2018 | 404              | 0             | 0             | 0                    | -              | 585            | 240            | 0              | 1,229        | 9,085                    | 1,298              | 404            | 387                | 825            | 911                |
| 10/20/2018 | 603              | 0             | 0             | 0                    | -              | 491            | 200            | 0              | 1,294        |                          |                    | 603            |                    | 691            |                    |
| 10/21/2018 | 603              | 0             | 0             | 0                    | -              | 491            | 200            | 0              | 1,294        |                          |                    | 603            |                    | 691            |                    |
| 10/22/2018 | 524              | 0             | 0             | 0                    | -              | 771            | 270            | 0              | 1,565        |                          |                    | 524            |                    | 1,041          |                    |
| 10/23/2018 | 760              | 0             | 0             | 0                    | -              | 654            | 229            | 415            | 2,058        |                          |                    | 760            |                    | 1,298          |                    |
| 10/24/2018 | 775              | 0             | 0             | 0                    | -              | 638            | 225            | 288            | 1,926        |                          |                    | 775            |                    | 1,151          |                    |
| 10/25/2018 | 0                | 2             | 0             | 0                    | -              | 578            | 205            | 0              | 785          |                          |                    | 2              |                    | 783            |                    |
| 10/26/2018 | 161              | 0             | 0             | 0                    | -              | 593            | 201            | 0              | 955          | 9,877                    | 1,411              | 161            | 490                | 794            | 921                |
| 10/27/2018 | 740              | 0             | 0             | 0                    | -              | 522            | 158            | 0              | 1,420        |                          |                    | 740            |                    | 680            |                    |
| 10/28/2018 | 740              | 0             | 0             | 0                    | -              | 522            | 158            | 0              | 1,420        |                          |                    | 740            |                    | 680            |                    |
| 10/29/2018 | 979              | 2             | 0             | 0                    | -              | 601            | 269            | 460            | 2,311        |                          |                    | 981            |                    | 1,330          |                    |
| 10/30/2018 | 939              | 0             | 0             | 0                    | -              | 468            | 135            | 0              | 1,542        |                          |                    | 939            |                    | 603            |                    |
| 10/31/2018 | 617              | 0             | 0             | 0                    | -              | 797            | 186            | 0              | 1,600        |                          |                    | 617            |                    | 983            |                    |
| 11/1/2018  | 807              | 0             | 0             | 0                    | -              | 772            | 169            | 0              | 1,748        |                          |                    | 807            |                    | 941            |                    |
| 11/2/2018  | 906              | 0             | 0             | 0                    | -              | 707            | 163            | 0              | 1,776        | 11,817                   | 1,688              | 906            | 819                | 870            | 870                |
| 11/3/2018  | 910              | 0             | 0             | 0                    | -              | 546            | 209            | 0              | 1,665        |                          |                    | 910            |                    | 755            |                    |
| 11/4/2018  | 910              | 1             | 0             | 0                    | -              | 546            | 209            | 0              | 1,666        |                          |                    | 911            |                    | 755            |                    |
| 11/5/2018  | 1,146            | 0             | 0             | 0                    | -              | 606            | 326            | 511            | 2,589        |                          |                    | 1,146          |                    | 1,443          |                    |
| 11/6/2018  | 629              | 0             | 0             | 0                    | -              | 458            | 163            | 0              | 1,250        |                          |                    | 629            |                    | 621            |                    |
| 11/7/2018  | 941              | 0             | 0             | 0                    | -              | 149            | 230            | 4              | 1,324        |                          |                    | 941            |                    | 383            |                    |
| 11/8/2018  | 855              | 0             | 0             | 0                    | -              | 628            | 235            | 0              | 1,718        |                          |                    | 855            |                    | 863            |                    |
| 11/9/2018  | 932              | 0             | 0             | 0                    | -              | 465            | 161            | 0              | 1,558        | 11,770                   | 1,681              | 932            | 903                | 626            | 778                |
| 11/10/2018 | 890              | 0             | 0             | 0                    | -              | 442            | 200            | 0              | 1,532        |                          |                    | 890            |                    | 642            |                    |
| 11/11/2018 | 890              | 0             | 0             | 0                    | -              | 442            | 200            | 0              | 1,532        |                          |                    | 890            |                    | 642            |                    |
| 11/12/2018 | 1,204            | 0             | 0             | 0                    | -              | 552            | 256            | 0              | 2,012        |                          |                    | 1,204          |                    | 808            |                    |
| 11/13/2018 | 835              | 0             | 0             | 0                    | -              | 443            | 176            | 0              | 1,454        |                          |                    | 835            |                    | 619            |                    |
| 11/14/2018 | 860              | 0             | 0             | 0                    | -              | 419            | 178            | 551            | 2,008        |                          |                    | 860            |                    | 1,148          |                    |
| 11/15/2018 | 758              | 0             | 0             | 0                    | -              | 362            | 126            | 0              | 1,246        |                          |                    | 758            |                    | 488            |                    |
| 11/16/2018 | 841              | 2             | 0             | 0                    | -              | 423            | 152            | 0              | 1,418        | 11,202                   | 1,600              | 843            | 897                | 575            | 703                |
| 11/17/2018 | 861              | 0             | 0             | 0                    | -              | 406            | 166            | 0              | 1,433        |                          |                    | 861            |                    | 572            |                    |
| 11/18/2018 | 861              | 0             | 0             | 0                    | -              | 406            | 166            | 0              | 1,433        |                          |                    | 861            |                    | 572            |                    |
| 11/19/2018 | 177              | 0             | 0             | 0                    | -              | 86             | 36             | 633            | 932          |                          |                    | 177            |                    | 755            |                    |
| 11/20/2018 | 1                | 0             | 0             | 0                    | -              | 2              | 0              | 1              | 4            |                          |                    | 1              |                    | 3              |                    |
| 11/21/2018 | 1,052            | 0             | 0             | 0                    | -              | 544            | 221            | 560            | 2,377        |                          |                    | 1,052          |                    | 1,325          |                    |
| 11/22/2018 | 1,052            | 0             | 0             | 0                    | -              | 544            | 221            | 560            | 2,377        |                          |                    | 1,052          |                    | 1,325          |                    |
| 11/23/2018 | 972              | 0             | 0             | 0                    | -              | 395            | 164            | 331            | 1,862        | 10,418                   | 1,488              | 972            | 711                | 890            | 777                |
| 11/24/2018 | 1,250            | 2             | 0             | 0                    | -              | 480            | 197            | 507            | 2,436        |                          |                    | 1,252          |                    | 1,184          |                    |
| 11/25/2018 | 1,250            | 2             | 0             | 0                    | -              | 480            | 197            | 507            | 2,436        |                          |                    | 1,252          |                    | 1,184          |                    |
| 11/26/2018 | 248              | 0             | 0             | 0                    | -              | 93             | 7              | 0              | 348          |                          |                    | 248            |                    | 100            |                    |
| 11/27/2018 | 789              | 0             | 0             | 0                    | -              | 490            | 149            | 0              | 1,428        |                          |                    | 789            |                    | 639            |                    |
| 11/28/2018 | 1                | 0             | 0             | 0                    | -              | 411            | 175            | 182            | 769          |                          |                    | 1              |                    | 768            |                    |
| 11/29/2018 | 0                | 1             | 0             | 0                    | -              | 273            | 102            | 0              | 376          |                          |                    | 1              |                    | 375            |                    |
| 11/30/2018 | 1                | 910           | 0             | 0                    | -              | 371            | 152            | 2              | 1,436        | 9,229                    | 1,318              | 911            | 636                | 525            | 682                |
| 12/1/2018  | 0                | 17            | 0             | 0                    | -              | 427            | 192            | 0              | 636          |                          |                    | 17             |                    | 619            |                    |
| 12/2/2018  | 0                | 17            | 0             | 0                    | -              | 427            | 192            | 0              | 636          |                          |                    | 17             |                    | 619            |                    |
| 12/3/2018  | 0                | 3,867         | 0             | 0                    | -              | 166            | 0              | 0              | 4,033        |                          |                    | 3,867          |                    | 166            |                    |
| 12/4/2018  | 0                | 98            | 0             | 1                    | -              | 427            | 77             | 0              | 603          |                          |                    | 98             |                    | 505            |                    |
| 12/5/2018  | 0                | 115           | 0             | 0                    | -              | 361            | 160            | 0              | 636          |                          |                    | 115            |                    | 521            |                    |

Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE       | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|------------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|            | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 12/6/2018  | 1,238            | 143           | 0             | 0                    | -              | 338            | 101            | 0              | 1,820        |                          |                    | 1,381          |                    | 439            |                    |
| 12/7/2018  | 793              | 113           | 0             | 0                    | -              | 304            | 76             | 0              | 1,286        | 9,650                    | 1,379              | 906            | 914                | 380            | 464                |
| 12/8/2018  | 1,190            | 232           | 0             | 0                    | -              | 462            | 102            | 0              | 1,986        |                          |                    | 1,422          |                    | 564            |                    |
| 12/9/2018  | 1,190            | 232           | 0             | 0                    | -              | 462            | 102            | 0              | 1,986        |                          |                    | 1,422          |                    | 564            |                    |
| 12/10/2018 | 974              | 109           | 0             | 0                    | -              | 444            | 140            | 0              | 1,667        |                          |                    | 1,083          |                    | 584            |                    |
| 12/11/2018 | 920              | 117           | 0             | 0                    | -              | 363            | 121            | 1              | 1,522        |                          |                    | 1,037          |                    | 485            |                    |
| 12/12/2018 | 823              | 127           | 0             | 0                    | -              | 304            | 100            | 1              | 1,355        |                          |                    | 950            |                    | 405            |                    |
| 12/13/2018 | 1,026            | 200           | 0             | 0                    | -              | 400            | 125            | 1              | 1,752        |                          |                    | 1,226          |                    | 526            |                    |
| 12/14/2018 | 912              | 938           | 0             | 0                    | -              | 373            | 89             | 3              | 2,315        | 12,583                   | 1,798              | 1,850          | 1,284              | 465            | 513                |
| 12/15/2018 | 856              | 193           | 0             | 0                    | -              | 325            | 94             | 1              | 1,469        |                          |                    | 1,049          |                    | 420            |                    |
| 12/16/2018 | 856              | 193           | 0             | 0                    | -              | 325            | 94             | 1              | 1,469        |                          |                    | 1,049          |                    | 420            |                    |
| 12/17/2018 | 821              | 133           | 0             | 0                    | -              | 339            | 104            | 1              | 1,398        |                          |                    | 954            |                    | 444            |                    |
| 12/18/2018 | 749              | 143           | 0             | 0                    | -              | 308            | 80             | 1              | 1,281        |                          |                    | 892            |                    | 389            |                    |
| 12/19/2018 | 826              | 3,296         | 0             | 0                    | -              | 331            | 100            | 2              | 4,555        |                          |                    | 4,122          |                    | 433            |                    |
| 12/20/2018 | 2,196            | 204           | 0             | 0                    | -              | 336            | 66             | 1              | 2,803        |                          |                    | 2,400          |                    | 403            |                    |
| 12/21/2018 | 905              | 181           | 0             | 0                    | -              | 332            | 83             | 0              | 1,501        | 14,476                   | 2,068              | 1,086          | 1,650              | 415            | 418                |
| 12/22/2018 | 746              | 175           | 0             | 0                    | -              | 317            | 83             | 0              | 1,321        |                          |                    | 921            |                    | 400            |                    |
| 12/23/2018 | 746              | 175           | 0             | 0                    | -              | 317            | 83             | 0              | 1,321        |                          |                    | 921            |                    | 400            |                    |
| 12/24/2018 | 746              | 175           | 0             | 0                    | -              | 317            | 83             | 0              | 1,321        |                          |                    | 921            |                    | 400            |                    |
| 12/25/2018 | 746              | 175           | 0             | 0                    | -              | 317            | 83             | 2              | 1,323        |                          |                    | 921            |                    | 402            |                    |
| 12/26/2018 | 792              | 171           | 0             | 0                    | -              | 381            | 86             | 1              | 1,431        |                          |                    | 963            |                    | 468            |                    |
| 12/27/2018 | 785              | 162           | 0             | 0                    | -              | 307            | 78             | 1              | 1,333        |                          |                    | 947            |                    | 386            |                    |
| 12/28/2018 | 806              | 155           | 0             | 0                    | -              | 338            | 72             | 0              | 1,371        | 9,421                    | 1,346              | 961            | 936                | 410            | 409                |
| 12/29/2018 | 814              | 163           | 0             | 0                    | -              | 339            | 77             | 2              | 1,395        |                          |                    | 977            |                    | 418            |                    |
| 12/30/2018 | 814              | 163           | 0             | 0                    | -              | 339            | 152            | 2              | 1,470        |                          |                    | 977            |                    | 493            |                    |
| 12/31/2018 | 814              | 157           | 0             | 0                    | -              | 350            | 154            | 0              | 1,475        |                          |                    | 971            |                    | 504            |                    |
| 1/1/2019   | 814              | 157           | 0             | 0                    | -              | 350            | 77             | 0              | 1,398        |                          |                    | 971            |                    | 427            |                    |
| 1/2/2019   | 731              | 146           | 0             | 0                    | -              | 329            | 71             | 0              | 1,277        |                          |                    | 877            |                    | 400            |                    |
| 1/3/2019   | 853              | 168           | 0             | 0                    | -              | 367            | 83             | 1              | 1,472        |                          |                    | 1,021          |                    | 451            |                    |
| 1/4/2019   | 894              | 158           | 0             | 0                    | -              | 393            | 74             | 1              | 1,520        | 10,007                   | 1,430              | 1,052          | 978                | 468            | 452                |
| 1/5/2019   | 825              | 167           | 0             | 0                    | -              | 343            | 3              | 1              | 1,339        |                          |                    | 992            |                    | 347            |                    |
| 1/6/2019   | 825              | 167           | 0             | 0                    | -              | 343            | 3              | 1              | 1,339        |                          |                    | 992            |                    | 347            |                    |
| 1/7/2019   | 765              | 173           | 0             | 0                    | -              | 352            | 0              | 0              | 1,290        |                          |                    | 938            |                    | 352            |                    |
| 1/8/2019   | 792              | 184           | 0             | 0                    | -              | 368            | 0              | 0              | 1,344        |                          |                    | 976            |                    | 368            |                    |
| 1/9/2019   | 832              | 175           | 0             | 0                    | -              | 379            | 101            | 1              | 1,488        |                          |                    | 1,007          |                    | 481            |                    |
| 1/10/2019  | 839              | 174           | 0             | 0                    | -              | 380            | 125            | 1              | 1,519        |                          |                    | 1,013          |                    | 506            |                    |
| 1/11/2019  | 774              | 171           | 0             | 0                    | -              | 368            | 98             | 0              | 1,411        | 9,730                    | 1,390              | 945            | 980                | 466            | 410                |
| 1/12/2019  | 819              | 179           | 0             | 0                    | -              | 370            | 1              | 0              | 1,369        |                          |                    | 998            |                    | 371            |                    |
| 1/13/2019  | 819              | 179           | 0             | 0                    | -              | 370            | 1              | 0              | 1,369        |                          |                    | 998            |                    | 371            |                    |
| 1/14/2019  | 769              | 190           | 0             | 0                    | -              | 364            | 200            | 0              | 1,523        |                          |                    | 959            |                    | 564            |                    |
| 1/15/2019  | 688              | 172           | 0             | 0                    | -              | 364            | 187            | 0              | 1,411        |                          |                    | 860            |                    | 551            |                    |
| 1/16/2019  | 668              | 188           | 0             | 0                    | -              | 382            | 200            | 1              | 1,439        |                          |                    | 856            |                    | 583            |                    |
| 1/17/2019  | 571              | 165           | 0             | 0                    | -              | 373            | 8              | 0              | 1,117        |                          |                    | 736            |                    | 381            |                    |
| 1/18/2019  | 543              | 157           | 0             | 0                    | -              | 371            | 0              | 0              | 1,071        | 9,299                    | 1,328              | 700            | 872                | 371            | 456                |
| 1/19/2019  | 606              | 159           | 0             | 0                    | -              | 413            | 0              | 0              | 1,178        |                          |                    | 765            |                    | 413            |                    |
| 1/20/2019  | 606              | 159           | 0             | 0                    | -              | 413            | 0              | 0              | 1,178        |                          |                    | 765            |                    | 413            |                    |
| 1/21/2019  | 315              | 122           | 0             | 0                    | -              | 300            | 153            | 0              | 890          |                          |                    | 437            |                    | 453            |                    |
| 1/22/2019  | 335              | 151           | 0             | 0                    | -              | 366            | 173            | 0              | 1,025        |                          |                    | 486            |                    | 539            |                    |
| 1/23/2019  | 468              | 180           | 0             | 0                    | -              | 447            | 212            | 0              | 1,307        |                          |                    | 648            |                    | 659            |                    |
| 1/24/2019  | 397              | 180           | 0             | 0                    | -              | 380            | 198            | 0              | 1,155        |                          |                    | 577            |                    | 578            |                    |
| 1/25/2019  | 302              | 165           | 0             | 0                    | -              | 335            | 174            | 1              | 977          | 7,710                    | 1,101              | 467            | 592                | 510            | 509                |
| 1/26/2019  | 363              | 294           | 0             | 0                    | -              | 420            | 205            | 2              | 1,284        |                          |                    | 657            |                    | 627            |                    |
| 1/27/2019  | 363              | 294           | 0             | 0                    | -              | 420            | 205            | 2              | 1,284        |                          |                    | 657            |                    | 627            |                    |
| 1/28/2019  | 265              | 143           | 0             | 0                    | -              | 348            | 171            | 2              | 929          |                          |                    | 408            |                    | 521            |                    |
| 1/29/2019  | 301              | 157           | 0             | 0                    | -              | 400            | 189            | 1              | 1,048        |                          |                    | 458            |                    | 590            |                    |
| 1/30/2019  | 29               | 192           | 0             | 0                    | -              | 349            | 190            | 1              | 761          |                          |                    | 221            |                    | 540            |                    |
| 1/31/2019  | 0                | 206           | 0             | 0                    | -              | 379            | 194            | 1              | 780          |                          |                    | 206            |                    | 574            |                    |
| 2/1/2019   | 1                | 170           | 0             | 0                    | -              | 333            | 169            | 0              | 673          | 6,759                    | 966                | 171            | 397                | 502            | 569                |
| 2/2/2019   | 0                | 212           | 0             | 0                    | -              | 396            | 215            | 0              | 823          |                          |                    | 212            |                    | 611            |                    |
| 2/3/2019   | 0                | 212           | 0             | 0                    | -              | 396            | 215            | 0              | 823          |                          |                    | 212            |                    | 611            |                    |
| 2/4/2019   | 0                | 193           | 0             | 0                    | -              | 323            | 177            | 0              | 693          |                          |                    | 193            |                    | 500            |                    |
| 2/5/2019   | 0                | 208           | 0             | 0                    | -              | 437            | 190            | 0              | 835          |                          |                    | 208            |                    | 627            |                    |
| 2/6/2019   | 0                | 264           | 0             | 0                    | -              | 347            | 235            | 0              | 846          |                          |                    | 264            |                    | 582            |                    |
| 2/7/2019   | 0                | 153           | 0             | 0                    | -              | 273            | 145            | 0              | 571          |                          |                    | 153            |                    | 418            |                    |
| 2/8/2019   | 233              | 209           | 0             | 0                    | -              | 342            | 185            | 0              | 969          | 5,560                    | 794                | 442            | 241                | 527            | 554                |

Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|-----------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 2/9/2019  | 146              | 248           | 0             | 0                    | -              | 364            | 206            | 0              | 964          |                          |                    | 394            |                    | 570            |                    |
| 2/10/2019 | 146              | 248           | 0             | 0                    | -              | 364            | 206            | 0              | 964          |                          |                    | 394            |                    | 570            |                    |
| 2/11/2019 | 174              | 242           | 0             | 0                    | -              | 390            | 209            | 0              | 1,015        |                          |                    | 416            |                    | 599            |                    |
| 2/12/2019 | 157              | 218           | 0             | 0                    | -              | 330            | 174            | 0              | 879          |                          |                    | 375            |                    | 504            |                    |
| 2/13/2019 | 155              | 313           | 0             | 0                    | -              | 356            | 221            | 0              | 1,045        |                          |                    | 468            |                    | 577            |                    |
| 2/14/2019 | 158              | 235           | 0             | 0                    | -              | 386            | 176            | 0              | 955          |                          |                    | 393            |                    | 562            |                    |
| 2/15/2019 | 167              | 260           | 0             | 0                    | -              | 400            | 178            | 0              | 1,005        | 6,827                    | 975                | 427            | 410                | 578            | 566                |
| 2/16/2019 | 174              | 307           | 0             | 0                    | -              | 445            | 205            | 0              | 1,131        |                          |                    | 481            |                    | 650            |                    |
| 2/17/2019 | 174              | 307           | 0             | 0                    | -              | 445            | 205            | 0              | 1,131        |                          |                    | 481            |                    | 650            |                    |
| 2/18/2019 | 128              | 302           | 0             | 0                    | -              | 384            | 172            | 0              | 986          |                          |                    | 430            |                    | 556            |                    |
| 2/19/2019 | 125              | 302           | 0             | 0                    | -              | 409            | 173            | 2              | 1,011        |                          |                    | 427            |                    | 584            |                    |
| 2/20/2019 | 129              | 332           | 0             | 0                    | -              | 347            | 188            | 0              | 996          |                          |                    | 461            |                    | 535            |                    |
| 2/21/2019 | 132              | 332           | 0             | 0                    | -              | 399            | 190            | 0              | 1,053        |                          |                    | 464            |                    | 589            |                    |
| 2/22/2019 | 107              | 287           | 0             | 0                    | -              | 344            | 162            | 0              | 900          | 7,208                    | 1,030              | 394            | 448                | 506            | 581                |
| 2/23/2019 | 118              | 331           | 0             | 0                    | -              | 385            | 193            | 0              | 1,027        |                          |                    | 449            |                    | 578            |                    |
| 2/24/2019 | 118              | 331           | 0             | 0                    | -              | 385            | 193            | 0              | 1,027        |                          |                    | 449            |                    | 578            |                    |
| 2/25/2019 | 101              | 299           | 0             | 0                    | -              | 329            | 167            | 0              | 896          |                          |                    | 400            |                    | 496            |                    |
| 2/26/2019 | 102              | 286           | 0             | 0                    | -              | 354            | 175            | 0              | 917          |                          |                    | 388            |                    | 529            |                    |
| 2/27/2019 | 94               | 238           | 0             | 0                    | -              | 340            | 160            | 0              | 832          |                          |                    | 332            |                    | 500            |                    |
| 2/28/2019 | 117              | 308           | 0             | 0                    | -              | 408            | 202            | 7              | 1,042        |                          |                    | 425            |                    | 617            |                    |
| 3/1/2019  | 89               | 213           | 0             | 0                    | -              | 301            | 145            | 287            | 1,035        | 6,776                    | 968                | 302            | 392                | 733            | 576                |
| 3/2/2019  | 114              | 267           | 0             | 0                    | -              | 367            | 191            | 283            | 1,222        |                          |                    | 381            |                    | 841            |                    |
| 3/3/2019  | 114              | 267           | 0             | 0                    | -              | 367            | 191            | 283            | 1,222        |                          |                    | 381            |                    | 841            |                    |
| 3/4/2019  | 98               | 237           | 0             | 0                    | -              | 315            | 167            | 63             | 880          |                          |                    | 335            |                    | 545            |                    |
| 3/5/2019  | 108              | 276           | 0             | 0                    | -              | 343            | 183            | 167            | 1,077        |                          |                    | 384            |                    | 693            |                    |
| 3/6/2019  | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 3/7/2019  | 104              | 282           | 0             | 0                    | -              | 434            | 217            | 294            | 1,331        |                          |                    | 386            |                    | 945            |                    |
| 3/8/2019  | 85               | 172           | 0             | 0                    | -              | 301            | 137            | 102            | 797          | 6,529                    | 933                | 257            | 303                | 540            | 629                |
| 3/9/2019  | 98               | 209           | 0             | 0                    | -              | 303            | 165            | 31             | 806          |                          |                    | 307            |                    | 499            |                    |
| 3/10/2019 | 98               | 209           | 0             | 0                    | -              | 303            | 165            | 31             | 806          |                          |                    | 307            |                    | 499            |                    |
| 3/11/2019 | 97               | 206           | 0             | 0                    | -              | 277            | 159            | 90             | 829          |                          |                    | 303            |                    | 526            |                    |
| 3/12/2019 | 109              | 228           | 0             | 0                    | -              | 335            | 183            | 83             | 938          |                          |                    | 337            |                    | 601            |                    |
| 3/13/2019 | 73               | 163           | 0             | 0                    | -              | 255            | 127            | 67             | 685          |                          |                    | 236            |                    | 449            |                    |
| 3/14/2019 | 108              | 225           | 0             | 0                    | -              | 337            | 175            | 84             | 929          |                          |                    | 333            |                    | 596            |                    |
| 3/15/2019 | 68               | 144           | 0             | 0                    | -              | 219            | 110            | 45             | 586          | 5,579                    | 797                | 212            | 291                | 374            | 506                |
| 3/16/2019 | 90               | 184           | 0             | 0                    | -              | 302            | 151            | 18             | 745          |                          |                    | 274            |                    | 471            |                    |
| 3/17/2019 | 90               | 184           | 0             | 0                    | -              | 302            | 151            | 18             | 745          |                          |                    | 274            |                    | 471            |                    |
| 3/18/2019 | 100              | 207           | 0             | 0                    | -              | 335            | 162            | 0              | 804          |                          |                    | 307            |                    | 497            |                    |
| 3/19/2019 | 73               | 125           | 0             | 0                    | -              | 233            | 110            | -              | 541          |                          |                    | 198            |                    | 343            |                    |
| 3/20/2019 | 107              | 209           | 0             | 0                    | -              | 283            | 160            | 77             | 836          |                          |                    | 316            |                    | 520            |                    |
| 3/21/2019 | 84               | 147           | 0             | 0                    | -              | 325            | 129            | 10             | 695          |                          |                    | 231            |                    | 464            |                    |
| 3/22/2019 | 62               | 104           | 0             | 0                    | -              | 206            | 92             | 0              | 464          | 4,830                    | 690                | 166            | 252                | 298            | 438                |
| 3/23/2019 | 108              | 175           | 0             | 0                    | -              | 280            | 146            | 0              | 709          |                          |                    | 283            |                    | 426            |                    |
| 3/24/2019 | 108              | 175           | 0             | 0                    | -              | 280            | 146            | 0              | 709          |                          |                    | 283            |                    | 426            |                    |
| 3/25/2019 | 77               | 124           | 0             | 0                    | -              | 280            | 104            | 62             | 647          |                          |                    | 201            |                    | 446            |                    |
| 3/26/2019 | 108              | 171           | 0             | 0                    | -              | 321            | 145            | 7              | 752          |                          |                    | 279            |                    | 473            |                    |
| 3/27/2019 | 92               | 144           | 0             | 0                    | -              | 262            | 120            | 0              | 618          |                          |                    | 236            |                    | 382            |                    |
| 3/28/2019 | 70               | 109           | 0             | 0                    | -              | 203            | 94             | 0              | 476          |                          |                    | 179            |                    | 297            |                    |
| 3/29/2019 | 85               | 135           | 0             | 0                    | -              | 264            | 118            | 0              | 602          | 4,513                    | 645                | 220            | 240                | 382            | 405                |
| 3/30/2019 | 93               | 145           | 0             | 0                    | -              | 266            | 121            | 0              | 625          |                          |                    | 238            |                    | 387            |                    |
| 3/31/2019 | 102              | 166           | 0             | 0                    | -              | 284            | 136            | 0              | 688          |                          |                    | 268            |                    | 420            |                    |
| 4/1/2019  | 87               | 134           | 0             | 0                    | -              | 252            | 108            | 0              | 581          |                          |                    | 221            |                    | 360            |                    |
| 4/2/2019  | 90               | 150           | 0             | 0                    | -              | 262            | 115            | 0              | 617          |                          |                    | 240            |                    | 377            |                    |
| 4/3/2019  | 98               | 159           | 0             | 0                    | -              | 247            | 118            | 20             | 642          |                          |                    | 257            |                    | 385            |                    |
| 4/4/2019  | 90               | 136           | 0             | 0                    | -              | 262            | 108            | 0              | 596          |                          |                    | 226            |                    | 370            |                    |
| 4/5/2019  | 86               | 141           | 0             | 0                    | -              | 235            | 111            | 119            | 692          | 4,441                    | 634                | 227            | 240                | 465            | 395                |
| 4/6/2019  | 96               | 158           | 0             | 0                    | -              | 256            | 120            | 34             | 664          |                          |                    | 254            |                    | 410            |                    |
| 4/7/2019  | 96               | 158           | 0             | 0                    | -              | 256            | 120            | 34             | 664          |                          |                    | 254            |                    | 410            |                    |
| 4/8/2019  | 95               | 162           | 0             | 0                    | -              | 267            | 119            | 101            | 744          |                          |                    | 257            |                    | 487            |                    |
| 4/9/2019  | 95               | 161           | 0             | 0                    | -              | 283            | 124            | 78             | 741          |                          |                    | 256            |                    | 485            |                    |
| 4/10/2019 | 96               | 157           | 0             | 0                    | -              | 267            | 120            | 0              | 640          |                          |                    | 253            |                    | 387            |                    |
| 4/11/2019 | 104              | 177           | 0             | 0                    | -              | 278            | 124            | 2              | 685          |                          |                    | 281            |                    | 404            |                    |
| 4/12/2019 | 76               | 132           | 0             | 0                    | -              | 259            | 89             | 121            | 677          | 4,815                    | 688                | 208            | 252                | 469            | 436                |
| 4/13/2019 | 112              | 195           | 0             | 0                    | -              | 237            | 143            | 50             | 737          |                          |                    | 307            |                    | 430            |                    |
| 4/14/2019 | 86               | 132           | 0             | 0                    | -              | 229            | 108            | 41             | 596          |                          |                    | 218            |                    | 378            |                    |

Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|-----------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 4/15/2019 | 92               | 147           | 0             | 0                    | -              | 225            | 112            | 87             | 663          |                          |                    | 239            |                    | 424            |                    |
| 4/16/2019 | 89               | 157           | 0             | 0                    | -              | 246            | 123            | 0              | 615          |                          |                    | 246            |                    | 369            |                    |
| 4/17/2019 | 84               | 130           | 0             | 0                    | -              | 227            | 110            | 66             | 617          |                          |                    | 214            |                    | 403            |                    |
| 4/18/2019 | 89               | 161           | 0             | 0                    | -              | 269            | 126            | 1              | 646          |                          |                    | 250            |                    | 396            |                    |
| 4/19/2019 | 36               | 56            | 0             | 0                    | -              | 106            | 48             | 23             | 269          | 4,143                    | 592                | 92             | 224                | 177            | 368                |
| 4/20/2019 | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 4/21/2019 | 0                | 0             | 0             | 0                    | -              | 0              | 0              | 0              | 0            |                          |                    | 0              |                    | 0              |                    |
| 4/22/2019 | 77               | 230           | 0             | 0                    | -              | 418            | 114            | 92             | 931          |                          |                    | 307            |                    | 624            |                    |
| 4/23/2019 | 90               | 140           | 0             | 0                    | -              | 327            | 126            | 0              | 683          |                          |                    | 230            |                    | 453            |                    |
| 4/24/2019 | 81               | 139           | 0             | 0                    | -              | 290            | 113            | 78             | 701          |                          |                    | 220            |                    | 481            |                    |
| 4/25/2019 | 106              | 151           | 0             | 0                    | -              | 312            | 123            | 120            | 812          |                          |                    | 257            |                    | 555            |                    |
| 4/26/2019 | 95               | 141           | 0             | 0                    | -              | 271            | 105            | 0              | 612          | 3,739                    | 534                | 236            | 179                | 376            | 356                |
| 4/27/2019 | 91               | 164           | 0             | 0                    | -              | 265            | 113            | 0              | 633          |                          |                    | 255            |                    | 378            |                    |
| 4/28/2019 | 91               | 164           | 0             | 0                    | -              | 265            | 113            | 0              | 633          |                          |                    | 255            |                    | 378            |                    |
| 4/29/2019 | 76               | 150           | 0             | 0                    | -              | 221            | 98             | 81             | 626          |                          |                    | 226            |                    | 400            |                    |
| 4/30/2019 | 83               | 170           | 0             | 0                    | -              | 221            | 101            | 0              | 575          |                          |                    | 253            |                    | 322            |                    |
| 5/1/2019  | 88               | 182           | 0             | 0                    | -              | 235            | 105            | 1              | 611          |                          |                    | 270            |                    | 341            |                    |
| 5/2/2019  | 110              | 184           | 0             | 0                    | -              | 263            | 118            | 22             | 697          |                          |                    | 294            |                    | 403            |                    |
| 5/3/2019  | 94               | 155           | 0             | 0                    | -              | 217            | 93             | 76             | 635          | 4,410                    | 630                | 249            | 257                | 386            | 373                |
| 5/4/2019  | 154              | 181           | 0             | 0                    | -              | 261            | 110            | 20             | 726          |                          |                    | 335            |                    | 391            |                    |
| 5/5/2019  | 154              | 181           | 0             | 0                    | -              | 261            | 110            | 20             | 726          |                          |                    | 335            |                    | 391            |                    |
| 5/6/2019  | 56               | 187           | 0             | 0                    | -              | 274            | 107            | 0              | 624          |                          |                    | 243            |                    | 381            |                    |
| 5/7/2019  | 80               | 143           | 0             | 0                    | -              | 212            | 80             | 110            | 625          |                          |                    | 223            |                    | 402            |                    |
| 5/8/2019  | 103              | 178           | 0             | 0                    | -              | 250            | 100            | 0              | 631          |                          |                    | 281            |                    | 350            |                    |
| 5/9/2019  | 103              | 158           | 0             | 0                    | -              | 230            | 100            | 69             | 660          |                          |                    | 261            |                    | 399            |                    |
| 5/10/2019 | 101              | 154           | 0             | 0                    | -              | 226            | 98             | 0              | 579          | 4,571                    | 653                | 255            | 276                | 324            | 377                |
| 5/11/2019 | 149              | 190           | 0             | 0                    | -              | 260            | 114            | 0              | 713          |                          |                    | 339            |                    | 374            |                    |
| 5/12/2019 | 149              | 190           | 0             | 0                    | -              | 260            | 114            | 0              | 713          |                          |                    | 339            |                    | 374            |                    |
| 5/13/2019 | 99               | 122           | 0             | 0                    | -              | 157            | 74             | 72             | 524          |                          |                    | 221            |                    | 303            |                    |
| 5/14/2019 | 110              | 164           | 0             | 0                    | -              | 219            | 100            | 0              | 593          |                          |                    | 274            |                    | 319            |                    |
| 5/15/2019 | 77               | 151           | 0             | 0                    | -              | 193            | 89             | 147            | 657          |                          |                    | 228            |                    | 429            |                    |
| 5/16/2019 | 76               | 154           | 0             | 0                    | -              | 201            | 91             | 75             | 597          |                          |                    | 230            |                    | 367            |                    |
| 5/17/2019 | 72               | 153           | 0             | 0                    | -              | 197            | 92             | 0              | 514          | 4,311                    | 616                | 225            | 265                | 289            | 351                |
| 5/18/2019 | 84               | 164           | 0             | 0                    | -              | 222            | 100            | 0              | 570          |                          |                    | 248            |                    | 322            |                    |
| 5/19/2019 | 84               | 164           | 0             | 0                    | -              | 222            | 100            | 0              | 570          |                          |                    | 248            |                    | 322            |                    |
| 5/20/2019 | 74               | 142           | 0             | 0                    | -              | 193            | 91             | 8              | 508          |                          |                    | 216            |                    | 292            |                    |
| 5/21/2019 | 74               | 145           | 0             | 0                    | -              | 201            | 92             | 61             | 573          |                          |                    | 219            |                    | 354            |                    |
| 5/22/2019 | 38               | 92            | 0             | 0                    | -              | 188            | 85             | 0              | 403          |                          |                    | 130            |                    | 273            |                    |
| 5/23/2019 | 70               | 141           | 0             | 0                    | -              | 186            | 88             | 68             | 553          |                          |                    | 211            |                    | 342            |                    |
| 5/24/2019 | 73               | 166           | 0             | 0                    | -              | 202            | 92             | 0              | 533          | 3,710                    | 530                | 239            | 216                | 294            | 314                |
| 5/25/2019 | 79               | 169           | 0             | 0                    | -              | 205            | 93             | 0              | 546          |                          |                    | 248            |                    | 298            |                    |
| 5/26/2019 | 79               | 169           | 0             | 0                    | -              | 205            | 93             | 0              | 546          |                          |                    | 248            |                    | 298            |                    |
| 5/27/2019 | 79               | 169           | 0             | 0                    | -              | 205            | 93             | 0              | 546          |                          |                    | 248            |                    | 298            |                    |
| 5/28/2019 | 71               | 145           | 0             | 0                    | -              | 194            | 86             | 122            | 618          |                          |                    | 216            |                    | 402            |                    |
| 5/29/2019 | 72               | 161           | 0             | 0                    | -              | 214            | 92             | 0              | 539          |                          |                    | 233            |                    | 306            |                    |
| 5/30/2019 | 77               | 168           | 0             | 0                    | -              | 214            | 96             | 0              | 555          |                          |                    | 245            |                    | 310            |                    |
| 5/31/2019 | 51               | 108           | 0             | 0                    | -              | 155            | 64             | 58             | 436          | 3,786                    | 541                | 159            | 228                | 277            | 313                |
| 6/1/2019  | 78               | 181           | 0             | 0                    | -              | 229            | 98             | 70             | 656          |                          |                    | 259            |                    | 397            |                    |
| 6/2/2019  | 78               | 181           | 0             | 0                    | -              | 229            | 98             | 70             | 656          |                          |                    | 259            |                    | 397            |                    |
| 6/3/2019  | 51               | 110           | 0             | 0                    | -              | 138            | 60             | 0              | 359          |                          |                    | 161            |                    | 198            |                    |
| 6/4/2019  | 78               | 168           | 0             | 0                    | -              | 203            | 94             | 73             | 616          |                          |                    | 246            |                    | 370            |                    |
| 6/5/2019  | 54               | 103           | 0             | 0                    | -              | 166            | 61             | 0              | 384          |                          |                    | 157            |                    | 227            |                    |
| 6/6/2019  | 69               | 149           | 0             | 0                    | -              | 203            | 87             | 3              | 511          |                          |                    | 218            |                    | 293            |                    |
| 6/7/2019  | 61               | 122           | 0             | 0                    | -              | 192            | 73             | 6              | 454          | 3,636                    | 519                | 183            | 212                | 271            | 308                |
| 6/8/2019  | 70               | 184           | 0             | 0                    | -              | 185            | 80             | 0              | 519          |                          |                    | 254            |                    | 265            |                    |
| 6/9/2019  | 70               | 184           | 0             | 0                    | -              | 185            | 80             | 0              | 519          |                          |                    | 254            |                    | 265            |                    |
| 6/10/2019 | 70               | 135           | 0             | 0                    | -              | 180            | 76             | 0              | 461          |                          |                    | 205            |                    | 256            |                    |
| 6/11/2019 | 83               | 144           | 0             | 0                    | -              | 197            | 85             | 87             | 596          |                          |                    | 227            |                    | 369            |                    |
| 6/12/2019 | 61               | 105           | 0             | 0                    | -              | 152            | 63             | 0              | 381          |                          |                    | 166            |                    | 215            |                    |
| 6/13/2019 | 74               | 126           | 0             | 0                    | -              | 171            | 71             | 4              | 446          |                          |                    | 200            |                    | 246            |                    |
| 6/14/2019 | 44               | 183           | 0             | 0                    | -              | 169            | 69             | 141            | 606          | 3,528                    | 504                | 227            | 219                | 379            | 285                |
| 6/15/2019 | 33               | 81            | 0             | 0                    | -              | 175            | 72             | 59             | 420          |                          |                    | 114            |                    | 306            |                    |
| 6/16/2019 | 33               | 81            | 0             | 0                    | -              | 175            | 72             | 59             | 420          |                          |                    | 114            |                    | 306            |                    |
| 6/17/2019 | 78               | 124           | 0             | 0                    | -              | 170            | 71             | 64             | 507          |                          |                    | 202            |                    | 305            |                    |
| 6/18/2019 | 80               | 125           | 0             | 0                    | -              | 179            | 72             | 0              | 456          |                          |                    | 205            |                    | 251            |                    |

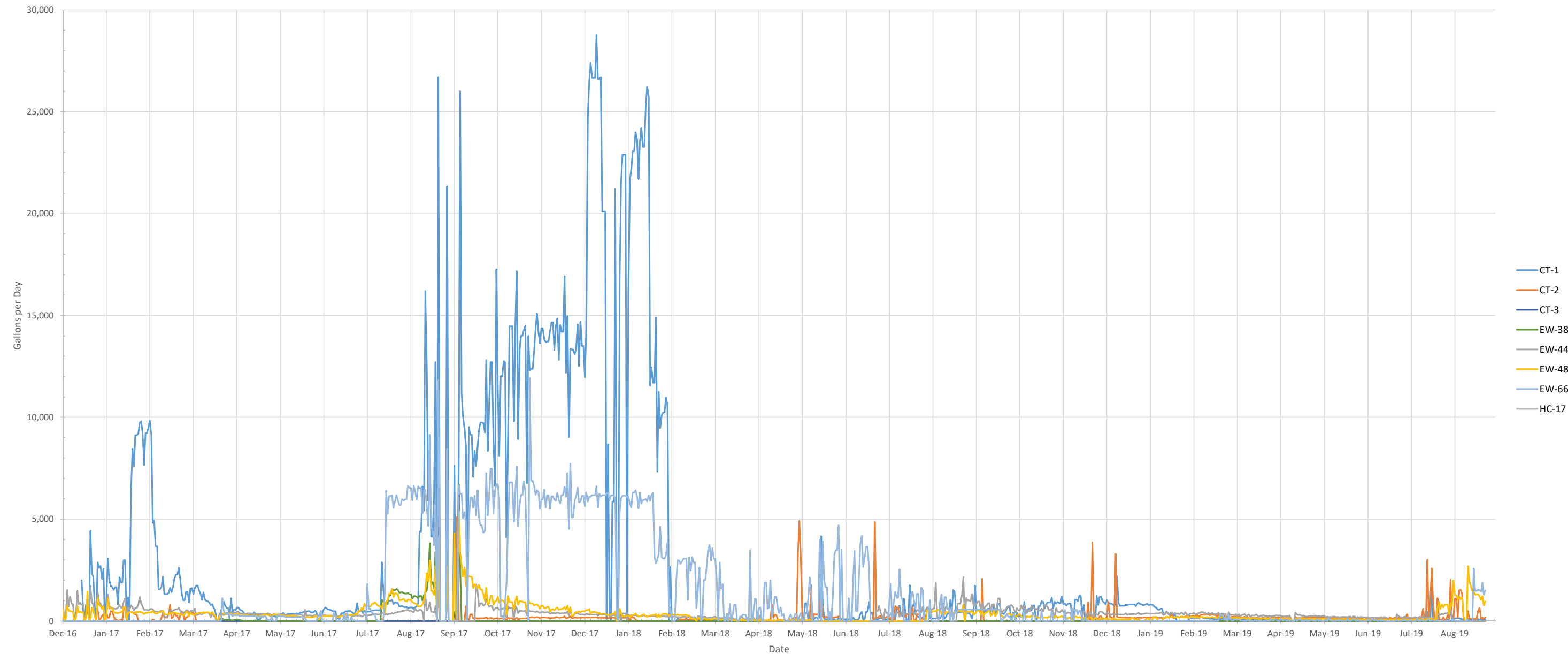
Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|-----------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 6/19/2019 | 77               | 112           | 0             | 0                    | -              | 167            | 70             | 59             | 485          |                          |                    | 189            |                    | 296            |                    |
| 6/20/2019 | 91               | 143           | 0             | 0                    | -              | 199            | 83             | 0              | 516          |                          |                    | 234            |                    | 282            |                    |
| 6/21/2019 | 63               | 103           | 0             | 0                    | -              | 144            | 61             | 71             | 442          | 3,246                    | 464                | 166            | 175                | 276            | 289                |
| 6/22/2019 | 84               | 143           | 0             | 0                    | -              | 195            | 78             | 3              | 503          |                          |                    | 227            |                    | 276            |                    |
| 6/23/2019 | 84               | 143           | 0             | 0                    | -              | 195            | 78             | 3              | 503          |                          |                    | 227            |                    | 276            |                    |
| 6/24/2019 | 69               | 118           | 0             | 0                    | -              | 174            | 65             | 0              | 426          |                          |                    | 187            |                    | 239            |                    |
| 6/25/2019 | 3                | 9             | 0             | 0                    | -              | 6              | 18             | 3              | 39           |                          |                    | 12             |                    | 27             |                    |
| 6/26/2019 | 57               | 190           | 0             | 0                    | -              | 6              | 98             | 10             | 361          |                          |                    | 247            |                    | 114            |                    |
| 6/27/2019 | 58               | 130           | 0             | 0                    | -              | 0              | 75             | 0              | 263          |                          |                    | 188            |                    | 75             |                    |
| 6/28/2019 | 49               | 98            | 0             | 0                    | -              | 1              | 59             | 0              | 207          | 2,302                    | 329                | 147            | 176                | 60             | 152                |
| 6/29/2019 | 60               | 148           | 0             | 0                    | -              | 0              | 81             | 0              | 289          |                          |                    | 208            |                    | 81             |                    |
| 6/30/2019 | 92               | 177           | 0             | 0                    | -              | 5              | 89             | 0              | 363          |                          |                    | 269            |                    | 94             |                    |
| 7/1/2019  | 52               | 99            | 0             | 0                    | -              | 328            | 45             | 59             | 583          |                          |                    | 151            |                    | 432            |                    |
| 7/2/2019  | 105              | 172           | 0             | 0                    | -              | 250            | 109            | 0              | 636          |                          |                    | 277            |                    | 359            |                    |
| 7/3/2019  | 86               | 129           | 0             | 0                    | -              | 190            | 71             | 0              | 476          |                          |                    | 215            |                    | 261            |                    |
| 7/4/2019  | 86               | 129           | 0             | 0                    | -              | 190            | 71             | 0              | 476          |                          |                    | 215            |                    | 261            |                    |
| 7/5/2019  | 88               | 118           | 0             | 0                    | -              | 153            | 73             | 59             | 491          | 3,314                    | 473                | 206            | 220                | 285            | 253                |
| 7/6/2019  | 107              | 173           | 0             | 0                    | -              | 209            | 87             | 48             | 624          |                          |                    | 280            |                    | 344            |                    |
| 7/7/2019  | 107              | 173           | 0             | 0                    | -              | 209            | 87             | 48             | 624          |                          |                    | 280            |                    | 344            |                    |
| 7/8/2019  | 71               | 327           | 0             | 0                    | -              | 154            | 54             | 0              | 606          |                          |                    | 398            |                    | 208            |                    |
| 7/9/2019  | 5                | 93            | 0             | 0                    | -              | 181            | 65             | 0              | 344          |                          |                    | 98             |                    | 246            |                    |
| 7/10/2019 | 88               | 183           | 0             | 0                    | -              | 162            | 69             | 60             | 562          |                          |                    | 271            |                    | 291            |                    |
| 7/11/2019 | 86               | 135           | 0             | 0                    | -              | 165            | 63             | 0              | 449          |                          |                    | 221            |                    | 228            |                    |
| 7/12/2019 | 84               | 130           | 0             | 0                    | -              | 166            | 66             | 0              | 446          | 3,655                    | 522                | 214            | 252                | 232            | 270                |
| 7/13/2019 | 103              | 158           | 0             | 0                    | -              | 187            | 91             | 0              | 539          |                          |                    | 261            |                    | 278            |                    |
| 7/14/2019 | 103              | 158           | 0             | 0                    | -              | 187            | 91             | 0              | 539          |                          |                    | 261            |                    | 278            |                    |
| 7/15/2019 | 68               | 110           | 0             | 0                    | -              | 144            | 62             | 111            | 495          |                          |                    | 178            |                    | 317            |                    |
| 7/16/2019 | 89               | 159           | 0             | 0                    | -              | 192            | 85             | 0              | 525          |                          |                    | 248            |                    | 277            |                    |
| 7/17/2019 | 93               | 154           | 0             | 0                    | -              | 207            | 93             | 0              | 547          |                          |                    | 247            |                    | 300            |                    |
| 7/18/2019 | 98               | 194           | 0             | 0                    | -              | 191            | 91             | 67             | 641          |                          |                    | 292            |                    | 349            |                    |
| 7/19/2019 | 41               | 604           | 0             | 0                    | -              | 165            | 69             | 0              | 879          | 4,165                    | 595                | 645            | 305                | 234            | 290                |
| 7/20/2019 | 38               | 111           | 0             | 0                    | -              | 188            | 85             | 0              | 422          |                          |                    | 149            |                    | 273            |                    |
| 7/21/2019 | 38               | 111           | 0             | 0                    | -              | 188            | 85             | 0              | 422          |                          |                    | 149            |                    | 273            |                    |
| 7/22/2019 | 445              | 3,019         | 0             | 0                    | -              | 177            | 86             | 48             | 3,775        |                          |                    | 3,464          |                    | 311            |                    |
| 7/23/2019 | 67               | 106           | 0             | 0                    | -              | 174            | 99             | 85             | 531          |                          |                    | 173            |                    | 358            |                    |
| 7/24/2019 | 65               | 1,010         | 0             | 0                    | -              | 182            | 108            | 1              | 1,366        |                          |                    | 1,075          |                    | 291            |                    |
| 7/25/2019 | 1,817            | 2,588         | 0             | 0                    | -              | 64             | 126            | 21             | 4,616        |                          |                    | 4,405          |                    | 211            |                    |
| 7/26/2019 | 83               | 988           | 0             | 0                    | -              | 203            | 55             | 23             | 1,352        | 12,484                   | 1,783              | 1,071          | 1,498              | 281            | 285                |
| 7/27/2019 | 6                | 0             | 0             | 0                    | -              | 56             | 64             | 0              | 126          |                          |                    | 6              |                    | 120            |                    |
| 7/28/2019 | 6                | 0             | 0             | 0                    | -              | 56             | 64             | 0              | 126          |                          |                    | 6              |                    | 120            |                    |
| 7/29/2019 | 62               | 1,122         | 0             | 0                    | -              | 331            | 632            | 39             | 2,186        |                          |                    | 1,184          |                    | 1,002          |                    |
| 7/30/2019 | 72               | 116           | 0             | -                    | 7              | 341            | 950            | 0              | 1,486        |                          |                    | 188            |                    | 1,298          |                    |
| 7/31/2019 | 21               | 52            | 0             | -                    | 0              | 306            | 598            | 3              | 980          |                          |                    | 73             |                    | 907            |                    |
| 8/1/2019  | 25               | 73            | 0             | 0                    | 0              | 369            | 818            | 44             | 1,329        |                          |                    | 98             |                    | 1,231          |                    |
| 8/2/2019  | 20               | 190           | 0             | 0                    | 0              | 330            | 667            | 6              | 1,213        | 7,446                    | 1,064              | 210            | 252                | 1,003          | 812                |
| 8/3/2019  | 28               | 71            | 0             | 0                    | 14             | 375            | 811            | 1              | 1,300        |                          |                    | 99             |                    | 1,201          |                    |
| 8/4/2019  | 28               | 71            | 0             | 0                    | 14             | 375            | 811            | 1              | 1,300        |                          |                    | 99             |                    | 1,201          |                    |
| 8/5/2019  | 81               | 297           | 0             | 0                    | 251            | 386            | 797            | 9              | 1,821        |                          |                    | 378            |                    | 1,443          |                    |
| 8/6/2019  | 99               | 129           | 0             | 0                    | 208            | 468            | 335            | 18             | 1,257        |                          |                    | 228            |                    | 1,029          |                    |
| 8/7/2019  | 528              | 2,022         | 0             | 0                    | 503            | 556            | 895            | 29             | 4,533        |                          |                    | 2,550          |                    | 1,983          |                    |
| 8/8/2019  | 115              | 150           | 0             | 0                    | 850            | 250            | 733            | 2              | 2,100        |                          |                    | 265            |                    | 1,835          |                    |
| 8/9/2019  | 121              | 142           | 0             | 0                    | 850            | 0              | 1,990          | 86             | 3,189        | 15,500                   | 2,214              | 263            | 555                | 2,926          | 1,660              |
| 8/10/2019 | 131              | 1,100         | 0             | 0                    | 2,118          | 0              | 1,260          | 9              | 4,618        |                          |                    | 1,231          |                    | 3,387          |                    |
| 8/11/2019 | 131              | 1,100         | 0             | 0                    | 2,118          | 0              | 1,260          | 9              | 4,618        |                          |                    | 1,231          |                    | 3,387          |                    |
| 8/12/2019 | 135              | 187           | 0             | 0                    | 112            | 0              | 1,067          | 9              | 1,510        |                          |                    | 322            |                    | 1,188          |                    |
| 8/13/2019 | 138              | 1,506         | 0             | 0                    | 800            | 0              | 1,193          | 3              | 3,640        |                          |                    | 1,644          |                    | 1,996          |                    |
| 8/14/2019 | 97               | 1,529         | 0             | 0                    | 3,415          | 0              | 1,058          | 3              | 6,102        |                          |                    | 1,626          |                    | 4,476          |                    |
| 8/15/2019 | 101              | 1,326         | 0             | 0                    | 6,593          | 0              | 1,150          | 5              | 9,175        |                          |                    | 1,427          |                    | 7,748          |                    |
| 8/16/2019 | 43               | 79            | 0             | 0                    | 624            | 0              | 250            | 1              | 997          | 30,660                   | 4,380              | 122            | 1,086              | 875            | 3,294              |
| 8/17/2019 | 0                | 0             | 0             | 0                    | 318            | 0              | 2              | 0              | 320          |                          |                    | 0              |                    | 320            |                    |
| 8/18/2019 | 0                | 0             | 0             | 0                    | 318            | 0              | 2              | 0              | 320          |                          |                    | 0              |                    | 320            |                    |
| 8/19/2019 | 100              | 495           | 0             | 0                    | 41             | 0              | 2,686          | 74             | 3,396        |                          |                    | 595            |                    | 2,801          |                    |
| 8/20/2019 | 98               | 128           | 0             | 0                    | 0              | 0              | 1,957          | 0              | 2,183        |                          |                    | 226            |                    | 1,957          |                    |
| 8/21/2019 | 98               | 118           | 0             | 0                    | 0              | 0              | 1,718          | 0              | 1,934        |                          |                    | 216            |                    | 1,718          |                    |
| 8/22/2019 | 88               | 111           | 0             | 0                    | 0              | 0              | 1,481          | 0              | 1,680        |                          |                    | 199            |                    | 1,481          |                    |

Appendix A - Pumping Data  
Extraction Wells and Condensate Traps  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Condensate Traps |               |               | LFG Extraction Wells |                |                |                |                | All<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | CTs            |                    | EWs            |                    |
|-----------|------------------|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | CT-1<br>(gal)    | CT-2<br>(gal) | CT-3<br>(gal) | EW-38<br>(gal)       | HC-17<br>(gal) | EW-44<br>(gal) | EW-48<br>(gal) | EW-66<br>(gal) |              |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 8/23/2019 | 94               | 117           | 0             | 0                    | 0              | 0              | 1,417          | 2,577          | 4,205        | 14,038                   | 2,005              | 211            | 207                | 3,994          | 1,799              |
| 8/24/2019 | 94               | 112           | 0             | 0                    | 0              | 0              | 1,301          | 1,482          | 2,989        |                          |                    | 206            |                    | 2,783          |                    |
| 8/25/2019 | 94               | 112           | 0             | 0                    | 0              | 0              | 1,301          | 1,482          | 2,989        |                          |                    | 206            |                    | 2,783          |                    |
| 8/26/2019 | 85               | 499           | 0             | 0                    | 1              | 0              | 1,312          | 1,544          | 3,441        |                          |                    | 584            |                    | 2,857          |                    |
| 8/27/2019 | 82               | 637           | 0             | 0                    | 341            | 1              | 1,208          | 1,515          | 3,784        |                          |                    | 719            |                    | 3,065          |                    |
| 8/28/2019 | 77               | 126           | 0             | 0                    | 232            | 1              | 1,047          | 1,451          | 2,934        |                          |                    | 203            |                    | 2,731          |                    |
| 8/29/2019 | 90               | 161           | 0             | 0                    | 108            | 0              | 1,219          | 1,870          | 3,448        |                          |                    | 251            |                    | 3,197          |                    |
| 8/30/2019 | 72               | 109           | 0             | 0                    | 33             | 0              | 764            | 1,297          | 2,275        | 21,860                   | 3,123              | 181            | 336                | 2,094          | 2,787              |
| 8/31/2019 | 100              | 184           | 0             | 0                    | 34             | 0              | 961            | 1,508          | 2,787        |                          |                    | 284            |                    | 2,503          |                    |

Appendix A - Pumping Data  
LFG Extraction Wells and Condensate Traps



Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Dewatering Wells |                 |                 |                 | Pump Stations  |                           |                                            |                                            |                                            |                             | Total<br>(gpd) | WEEKLY         |                    | DWs            |                    | PSs            |                    |
|-----------|------------------|-----------------|-----------------|-----------------|----------------|---------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-----------------------------|----------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | DW 1-1<br>(gal)  | DW 1-2<br>(gal) | DW 2-1<br>(gal) | DW 2-2<br>(gal) | TPS-2<br>(gal) | PS-2<br>(CO 2-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-4)<br>(gal) | Test Pump<br>Location<br>(CO 3-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-2)<br>(gal) | TPS-2B<br>(CO 2-2)<br>(gal) |                | TOTAL<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 2/17/2017 | -                | -               | -               | -               | 2,000          | -                         | -                                          | -                                          | -                                          | -                           | 2,000          | 2,000          | 2,000              | 0              |                    | 2,000          |                    |
| 2/18/2017 | -                | -               | -               | -               | 2,000          | -                         | -                                          | -                                          | -                                          | -                           | 2,000          |                |                    | 0              |                    | 2,000          |                    |
| 2/19/2017 | -                | -               | -               | -               | 2,000          | -                         | -                                          | -                                          | -                                          | -                           | 2,000          |                |                    | 0              |                    | 2,000          |                    |
| 2/20/2017 | -                | -               | -               | -               | 2,000          | -                         | -                                          | -                                          | -                                          | -                           | 2,000          |                |                    | 0              |                    | 2,000          |                    |
| 2/21/2017 | -                | -               | -               | -               | 2,000          | -                         | -                                          | -                                          | -                                          | -                           | 2,000          |                |                    | 0              |                    | 2,000          |                    |
| 2/22/2017 | -                | -               | -               | -               | 2,000          | -                         | -                                          | -                                          | -                                          | -                           | 2,000          |                |                    | 0              |                    | 2,000          |                    |
| 2/23/2017 | -                | -               | -               | -               | 2,000          | -                         | -                                          | -                                          | -                                          | -                           | 2,000          |                |                    | 0              |                    | 2,000          |                    |
| 2/24/2017 | -                | -               | -               | -               | 1,600          | -                         | -                                          | -                                          | -                                          | -                           | 1,600          | 13,600         | 1,943              | 0              |                    | 1,600          |                    |
| 2/25/2017 | -                | -               | -               | -               | 1,600          | -                         | -                                          | -                                          | -                                          | -                           | 1,600          |                |                    | 0              |                    | 1,600          |                    |
| 2/26/2017 | -                | -               | -               | -               | 1,600          | -                         | -                                          | -                                          | -                                          | -                           | 1,600          |                |                    | 0              |                    | 1,600          |                    |
| 2/27/2017 | -                | -               | -               | -               | 1,600          | -                         | -                                          | -                                          | -                                          | -                           | 1,600          |                |                    | 0              |                    | 1,600          |                    |
| 2/28/2017 | -                | -               | -               | -               | 1,600          | -                         | -                                          | -                                          | -                                          | -                           | 1,600          |                |                    | 0              |                    | 1,600          |                    |
| 3/1/2017  | -                | -               | -               | -               | 1,600          | -                         | -                                          | -                                          | -                                          | -                           | 1,600          |                |                    | 0              |                    | 1,600          |                    |
| 3/2/2017  | -                | -               | -               | -               | 1,600          | -                         | -                                          | -                                          | -                                          | -                           | 1,600          |                |                    | 0              |                    | 1,600          |                    |
| 3/3/2017  | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          | 14,600         | 2,086              | 0              |                    | 5,000          |                    |
| 3/4/2017  | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                |                    | 0              |                    | 5,000          |                    |
| 3/5/2017  | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                |                    | 0              |                    | 5,000          |                    |
| 3/6/2017  | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                |                    | 0              |                    | 5,000          |                    |
| 3/7/2017  | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                |                    | 0              |                    | 5,000          |                    |
| 3/8/2017  | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                |                    | 0              |                    | 5,000          |                    |
| 3/9/2017  | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                |                    | 0              |                    | 5,000          |                    |
| 3/10/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         | 42,000         | 6,000              | 0              |                    | 12,000         |                    |
| 3/11/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/12/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/13/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/14/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/15/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/16/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/17/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         | 84,000         | 12,000             | 0              |                    | 12,000         |                    |
| 3/18/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/19/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/20/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/21/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/22/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/23/2017 | -                | -               | -               | -               | 12,000         | -                         | -                                          | -                                          | -                                          | -                           | 12,000         |                |                    | 0              |                    | 12,000         |                    |
| 3/24/2017 | -                | -               | -               | -               | 9,000          | -                         | -                                          | -                                          | -                                          | -                           | 9,000          | 81,000         | 11,571             | 0              |                    | 9,000          |                    |
| 3/25/2017 | -                | -               | -               | -               | 9,000          | -                         | -                                          | -                                          | -                                          | -                           | 9,000          |                |                    | 0              |                    | 9,000          |                    |
| 3/26/2017 | -                | -               | -               | -               | 9,000          | -                         | -                                          | -                                          | -                                          | -                           | 9,000          |                |                    | 0              |                    | 9,000          |                    |
| 3/27/2017 | -                | -               | -               | -               | 9,000          | -                         | -                                          | -                                          | -                                          | -                           | 9,000          |                |                    | 0              |                    | 9,000          |                    |
| 3/28/2017 | -                | -               | -               | -               | 9,000          | -                         | -                                          | -                                          | -                                          | -                           | 9,000          |                |                    | 0              |                    | 9,000          |                    |
| 3/29/2017 | -                | -               | -               | -               | 9,000          | -                         | -                                          | -                                          | -                                          | -                           | 9,000          |                |                    | 0              |                    | 9,000          |                    |
| 3/30/2017 | -                | -               | -               | -               | 9,000          | -                         | -                                          | -                                          | -                                          | -                           | 9,000          |                |                    | 0              |                    | 9,000          |                    |
| 3/31/2017 | -                | -               | -               | -               | 9,000          | -                         | -                                          | -                                          | -                                          | -                           | 9,000          | 63,000         | 9,000              | 0              |                    | 9,000          |                    |
| 4/1/2017  | -                | -               | -               | -               | 7,000          | -                         | -                                          | -                                          | -                                          | -                           | 7,000          |                |                    | 0              |                    | 7,000          |                    |
| 4/2/2017  | -                | -               | -               | -               | 7,000          | -                         | -                                          | -                                          | -                                          | -                           | 7,000          |                |                    | 0              |                    | 7,000          |                    |
| 4/3/2017  | -                | -               | -               | -               | 7,000          | -                         | -                                          | -                                          | -                                          | -                           | 7,000          |                |                    | 0              |                    | 7,000          |                    |
| 4/4/2017  | -                | -               | -               | -               | 7,000          | -                         | -                                          | -                                          | -                                          | -                           | 7,000          |                |                    | 0              |                    | 7,000          |                    |
| 4/5/2017  | -                | -               | -               | -               | 7,000          | -                         | -                                          | -                                          | -                                          | -                           | 7,000          |                |                    | 0              |                    | 7,000          |                    |
| 4/6/2017  | -                | -               | -               | -               | 7,000          | -                         | -                                          | -                                          | -                                          | -                           | 7,000          |                |                    | 0              |                    | 7,000          |                    |
| 4/7/2017  | -                | -               | -               | -               | 7,000          | -                         | -                                          | -                                          | -                                          | -                           | 7,000          | 49,000         | 7,000              | 0              |                    | 7,000          |                    |
| 4/8/2017  | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/9/2017  | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/10/2017 | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/11/2017 | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/12/2017 | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/13/2017 | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/14/2017 | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          | 42,000         | 6,000              | 0              |                    | 6,000          |                    |
| 4/15/2017 | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/16/2017 | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/17/2017 | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/18/2017 | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/19/2017 | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/20/2017 | -                | -               | -               | -               | 6,000          | -                         | -                                          | -                                          | -                                          | -                           | 6,000          |                |                    | 0              |                    | 6,000          |                    |
| 4/21/2017 | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          | 41,000         | 5,857              | 0              |                    | 5,000          |                    |
| 4/22/2017 | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                |                    | 0              |                    | 5,000          |                    |
| 4/23/2017 | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                |                    | 0              |                    | 5,000          |                    |



Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Dewatering Wells |                 |                 |                 | Pump Stations  |                           |                                            |                                            |                                            |                             | Total<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | DWs            |                    | PSs            |                    |
|-----------|------------------|-----------------|-----------------|-----------------|----------------|---------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-----------------------------|----------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | DW 1-1<br>(gal)  | DW 1-2<br>(gal) | DW 2-1<br>(gal) | DW 2-2<br>(gal) | TPS-2<br>(gal) | PS-2<br>(CO 2-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-4)<br>(gal) | Test Pump<br>Location<br>(CO 3-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-2)<br>(gal) | TPS-2B<br>(CO 2-2)<br>(gal) |                |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 4/24/2017 | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                          |                    | 0              |                    | 5,000          |                    |
| 4/25/2017 | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                          |                    | 0              |                    | 5,000          |                    |
| 4/26/2017 | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                          |                    | 0              |                    | 5,000          |                    |
| 4/27/2017 | -                | -               | -               | -               | 5,000          | -                         | -                                          | -                                          | -                                          | -                           | 5,000          |                          |                    | 0              |                    | 5,000          |                    |
| 4/28/2017 | -                | -               | -               | -               | 4,600          | -                         | -                                          | -                                          | -                                          | -                           | 4,600          | 34,600                   | 4,943              | 0              |                    | 4,600          |                    |
| 4/29/2017 | -                | -               | -               | -               | 4,600          | -                         | -                                          | -                                          | -                                          | -                           | 4,600          |                          |                    | 0              |                    | 4,600          |                    |
| 4/30/2017 | -                | -               | -               | -               | 4,600          | -                         | -                                          | -                                          | -                                          | -                           | 4,600          |                          |                    | 0              |                    | 4,600          |                    |
| 5/1/2017  | -                | -               | -               | -               | 4,600          | -                         | -                                          | -                                          | -                                          | -                           | 4,600          |                          |                    | 0              |                    | 4,600          |                    |
| 5/2/2017  | -                | -               | -               | -               | 4,600          | -                         | -                                          | -                                          | -                                          | -                           | 4,600          |                          |                    | 0              |                    | 4,600          |                    |
| 5/3/2017  | -                | -               | -               | -               | 4,600          | -                         | -                                          | -                                          | -                                          | -                           | 4,600          |                          |                    | 0              |                    | 4,600          |                    |
| 5/4/2017  | -                | -               | -               | -               | 4,600          | -                         | -                                          | -                                          | -                                          | -                           | 4,600          |                          |                    | 0              |                    | 4,600          |                    |
| 5/5/2017  | -                | -               | -               | -               | 4,000          | -                         | -                                          | -                                          | -                                          | -                           | 4,000          | 31,600                   | 4,514              | 0              |                    | 4,000          |                    |
| 5/6/2017  | -                | -               | -               | -               | 4,000          | -                         | -                                          | -                                          | -                                          | -                           | 4,000          |                          |                    | 0              |                    | 4,000          |                    |
| 5/7/2017  | -                | -               | -               | -               | 4,000          | -                         | -                                          | -                                          | -                                          | -                           | 4,000          |                          |                    | 0              |                    | 4,000          |                    |
| 5/8/2017  | -                | -               | -               | -               | 4,000          | -                         | -                                          | -                                          | -                                          | -                           | 4,000          |                          |                    | 0              |                    | 4,000          |                    |
| 5/9/2017  | -                | -               | -               | -               | 4,000          | -                         | -                                          | -                                          | -                                          | -                           | 4,000          |                          |                    | 0              |                    | 4,000          |                    |
| 5/10/2017 | -                | -               | -               | -               | 4,000          | -                         | -                                          | -                                          | -                                          | -                           | 4,000          |                          |                    | 0              |                    | 4,000          |                    |
| 5/11/2017 | -                | -               | -               | -               | 4,000          | -                         | -                                          | -                                          | -                                          | -                           | 4,000          |                          |                    | 0              |                    | 4,000          |                    |
| 5/12/2017 | -                | -               | -               | -               | 3,000          | -                         | -                                          | -                                          | -                                          | -                           | 3,000          | 27,000                   | 3,857              | 0              |                    | 3,000          |                    |
| 5/13/2017 | -                | -               | -               | -               | 3,000          | -                         | -                                          | -                                          | -                                          | -                           | 3,000          |                          |                    | 0              |                    | 3,000          |                    |
| 5/14/2017 | -                | -               | -               | -               | 3,000          | -                         | -                                          | -                                          | -                                          | -                           | 3,000          |                          |                    | 0              |                    | 3,000          |                    |
| 5/15/2017 | -                | -               | -               | -               | 3,000          | -                         | -                                          | -                                          | -                                          | -                           | 3,000          |                          |                    | 0              |                    | 3,000          |                    |
| 5/16/2017 | -                | -               | -               | -               | 3,000          | -                         | -                                          | -                                          | -                                          | -                           | 3,000          |                          |                    | 0              |                    | 3,000          |                    |
| 5/17/2017 | -                | -               | -               | -               | 3,000          | -                         | -                                          | -                                          | -                                          | -                           | 3,000          |                          |                    | 0              |                    | 3,000          |                    |
| 5/18/2017 | -                | -               | -               | -               | 3,000          | -                         | -                                          | -                                          | -                                          | -                           | 3,000          |                          |                    | 0              |                    | 3,000          |                    |
| 5/19/2017 | 578              | 252             | 317             | 22              | 6,100          | -                         | -                                          | -                                          | -                                          | -                           | 7,269          | 25,269                   | 12,635             | 1,169          |                    | 6,100          |                    |
| 5/20/2017 | 578              | 252             | 317             | 22              | 6,045          | -                         | -                                          | -                                          | -                                          | -                           | 7,214          |                          |                    | 1,169          |                    | 6,045          |                    |
| 5/21/2017 | 579              | 252             | 317             | 22              | 4,835          | -                         | -                                          | -                                          | -                                          | -                           | 6,005          |                          |                    | 1,170          |                    | 4,835          |                    |
| 5/22/2017 | 443              | 15              | 278             | 0               | 5,269          | -                         | -                                          | -                                          | -                                          | -                           | 6,005          |                          |                    | 736            |                    | 5,269          |                    |
| 5/23/2017 | 431              | 6               | 277             | 0               | 5,037          | -                         | -                                          | -                                          | -                                          | -                           | 5,751          |                          |                    | 714            |                    | 5,037          |                    |
| 5/24/2017 | 520              | 421             | 292             | 0               | 4,566          | -                         | -                                          | -                                          | -                                          | -                           | 5,799          |                          |                    | 1,233          |                    | 4,566          |                    |
| 5/25/2017 | 575              | 418             | 252             | 0               | 4,404          | -                         | -                                          | -                                          | -                                          | -                           | 5,649          |                          |                    | 1,245          |                    | 4,404          |                    |
| 5/26/2017 | 429              | 448             | 228             | 2               | 3,984          | -                         | -                                          | -                                          | -                                          | -                           | 5,091          | 41,514                   | 5,931              | 1,107          |                    | 3,984          |                    |
| 5/27/2017 | 436              | 464             | 239             | 2               | 3,468          | -                         | -                                          | -                                          | -                                          | -                           | 4,609          |                          |                    | 1,141          | 1,049              | 3,468          | 4,509              |
| 5/28/2017 | 436              | 464             | 239             | 0               | 3,459          | -                         | -                                          | -                                          | -                                          | -                           | 4,598          |                          |                    | 1,139          |                    | 3,459          |                    |
| 5/29/2017 | 436              | 464             | 239             | 0               | 1,926          | -                         | -                                          | -                                          | -                                          | -                           | 3,065          |                          |                    | 1,139          |                    | 1,926          |                    |
| 5/30/2017 | 399              | 677             | 225             | 0               | 4,831          | -                         | -                                          | -                                          | -                                          | -                           | 6,132          |                          |                    | 1,301          |                    | 4,831          |                    |
| 5/31/2017 | 415              | 167             | 236             | 0               | 3,552          | -                         | -                                          | -                                          | -                                          | -                           | 4,370          |                          |                    | 818            |                    | 3,552          |                    |
| 6/1/2017  | 406              | 422             | 239             | 0               | 3,295          | -                         | -                                          | -                                          | -                                          | -                           | 4,362          |                          |                    | 1,067          |                    | 3,295          |                    |
| 6/2/2017  | 354              | 419             | 219             | 0               | 3,406          | -                         | -                                          | -                                          | -                                          | -                           | 4,398          | 31,534                   | 4,505              | 992            | 1,085              | 3,406          | 3,420              |
| 6/3/2017  | 393              | 442             | 242             | 0               | 3,325          | -                         | -                                          | -                                          | -                                          | -                           | 4,402          |                          |                    | 1,077          |                    | 3,325          |                    |
| 6/4/2017  | 393              | 442             | 242             | 0               | 3,320          | -                         | -                                          | -                                          | -                                          | -                           | 4,397          |                          |                    | 1,077          |                    | 3,320          |                    |
| 6/5/2017  | 425              | 414             | 240             | 0               | 3,317          | -                         | -                                          | -                                          | -                                          | -                           | 4,396          |                          |                    | 1,079          |                    | 3,317          |                    |
| 6/6/2017  | 387              | 443             | 268             | 0               | 3,455          | -                         | -                                          | -                                          | -                                          | -                           | 4,553          |                          |                    | 1,098          |                    | 3,455          |                    |
| 6/7/2017  | 435              | 442             | 264             | 0               | 3,554          | -                         | -                                          | -                                          | -                                          | -                           | 4,695          |                          |                    | 1,141          |                    | 3,554          |                    |
| 6/8/2017  | 450              | 374             | 241             | 0               | 3,786          | -                         | -                                          | -                                          | -                                          | -                           | 4,851          |                          |                    | 1,065          |                    | 3,786          |                    |
| 6/9/2017  | 417              | 383             | 214             | 0               | 3,276          | -                         | -                                          | -                                          | -                                          | -                           | 4,290          | 31,584                   | 4,489              | 1,014          | 1,079              | 3,276          | 3,433              |
| 6/10/2017 | 447              | 387             | 210             | 0               | 3,005          | -                         | -                                          | -                                          | -                                          | -                           | 4,049          |                          |                    | 1,044          |                    | 3,005          |                    |
| 6/11/2017 | 447              | 387             | 210             | 0               | 2,750          | -                         | -                                          | -                                          | -                                          | -                           | 3,794          |                          |                    | 1,044          |                    | 2,750          |                    |
| 6/12/2017 | 386              | 356             | 197             | 6               | 2,850          | -                         | -                                          | -                                          | -                                          | -                           | 3,795          |                          |                    | 945            |                    | 2,850          |                    |
| 6/13/2017 | 595              | 581             | 0               | 205             | 2,679          | -                         | -                                          | -                                          | -                                          | -                           | 4,060          |                          |                    | 1,381          |                    | 2,679          |                    |
| 6/14/2017 | 653              | 730             | 0               | 239             | 2,283          | -                         | -                                          | -                                          | -                                          | -                           | 3,905          |                          |                    | 1,622          |                    | 2,283          |                    |
| 6/15/2017 | 527              | 853             | 0               | 282             | 2,305          | -                         | -                                          | -                                          | -                                          | -                           | 3,967          |                          |                    | 1,662          |                    | 2,305          |                    |
| 6/16/2017 | 412              | 743             | 0               | 267             | 2,764          | -                         | -                                          | -                                          | -                                          | -                           | 4,186          | 27,756                   | 3,965              | 1,422          | 1,303              | 2,764          | 2,662              |
| 6/17/2017 | 103              | 166             | 1               | 52              | 4,013          | -                         | -                                          | -                                          | -                                          | -                           | 4,335          |                          |                    | 322            |                    | 4,013          |                    |
| 6/18/2017 | 103              | 166             | 1               | 52              | 3,082          | -                         | -                                          | -                                          | -                                          | -                           | 3,404          |                          |                    | 322            |                    | 3,082          |                    |
| 6/19/2017 | 0                | 0               | 7               | 234             | 3,162          | -                         | -                                          | -                                          | -                                          | -                           | 3,403          |                          |                    | 241            |                    | 3,162          |                    |
| 6/20/2017 | 0                | 0               | 0               | 331             | 3,207          | -                         | -                                          | -                                          | -                                          | -                           | 3,538          |                          |                    | 331            |                    | 3,207          |                    |
| 6/21/2017 | 0                | 0               | 0               | 362             | 3,072          | -                         | -                                          | -                                          | -                                          | -                           | 3,434          |                          |                    | 362            |                    | 3,072          |                    |
| 6/22/2017 | 0                | 0               | 0               | 296             | 3,038          | -                         | -                                          | -                                          | -                                          | -                           | 3,334          |                          |                    | 296            |                    | 3,038          |                    |
| 6/23/2017 | 0                | 0               | 0               | 189             | 3,161          | -                         | -                                          | -                                          | -                                          | -                           | 3,350          | 24,798                   | 3,543              | 189            | 295                | 3,161          | 3,248              |
| 6/24/2017 | 0                | 0               | 0               | 0               | 3,331          | -                         | -                                          | -                                          | -                                          | -                           | 3,331          |                          |                    | 0              |                    | 3,331          |                    |
| 6/25/2017 | 0                | 0               | 0               | 0               | 3,162          | -                         | -                                          | -                                          | -                                          | -                           | 3,162          |                          |                    | 0              |                    | 3,162          |                    |
| 6/26/2017 | 1,876            | 1               | 73              | 1               | 1,212          | -                         | -                                          | -                                          | -                                          | -                           | 3,163          |                          |                    | 1,951          |                    | 1,212          |                    |
| 6/27/2017 | 1,356            | 1               | 5               | 0               | 3,825          | -                         | -                                          | -                                          | -                                          | -                           | 5,187          |                          |                    | 1,362          |                    | 3,825          |                    |
| 6/28/2017 | 1,143            | 1               | 0               | 0               | 3,699          | -                         | -                                          | -                                          | -                                          | -                           | 4,843          |                          |                    | 1,144          |                    | 3,699          |                    |

Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Dewatering Wells |                 |                 |                 | Pump Stations  |                           |                                            |                                            |                                            |                             | Total<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | DWs            |                    | PSs            |                    |
|-----------|------------------|-----------------|-----------------|-----------------|----------------|---------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-----------------------------|----------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | DW 1-1<br>(gal)  | DW 1-2<br>(gal) | DW 2-1<br>(gal) | DW 2-2<br>(gal) | TPS-2<br>(gal) | PS-2<br>(CO 2-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-4)<br>(gal) | Test Pump<br>Location<br>(CO 3-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-2)<br>(gal) | TPS-2B<br>(CO 2-2)<br>(gal) |                |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 6/29/2017 | 1,130            | 0               | 0               | 0               | 3,174          | -                         | -                                          | -                                          | -                                          | -                           | 4,304          |                          |                    | 1,130          |                    | 3,174          |                    |
| 6/30/2017 | 1,007            | 0               | 1               | 0               | 3,009          | -                         | -                                          | -                                          | -                                          | -                           | 4,017          | 28,007                   | 4,001              | 1,008          | 942                | 3,009          | 3,059              |
| 7/1/2017  | 933              | 0               | 0               | 0               | 2,943          | -                         | -                                          | -                                          | -                                          | -                           | 3,876          |                          |                    | 933            |                    | 2,943          |                    |
| 7/2/2017  | 933              | 0               | 0               | 0               | 3,253          | -                         | -                                          | -                                          | -                                          | -                           | 4,186          |                          |                    | 933            |                    | 3,253          |                    |
| 7/3/2017  | 770              | 183             | 0               | 0               | 3,234          | -                         | -                                          | -                                          | -                                          | -                           | 4,187          |                          |                    | 953            |                    | 3,234          |                    |
| 7/4/2017  | 770              | 183             | 0               | 0               | 8,575          | -                         | -                                          | -                                          | -                                          | -                           | 9,528          |                          |                    | 953            |                    | 8,575          |                    |
| 7/5/2017  | 530              | 519             | 0               | 4               | 8,476          | -                         | -                                          | -                                          | -                                          | -                           | 9,529          |                          |                    | 1,053          |                    | 8,476          |                    |
| 7/6/2017  | 864              | 59              | 1               | 285             | 5,905          | -                         | -                                          | -                                          | -                                          | -                           | 7,114          |                          |                    | 1,209          |                    | 5,905          |                    |
| 7/7/2017  | 793              | 31              | 251             | 47              | 3,325          | -                         | -                                          | -                                          | -                                          | -                           | 4,447          | 42,867                   | 6,124              | 1,122          | 1,022              | 3,325          | 5,102              |
| 7/8/2017  | 597              | 401             | 248             | 2               | 3,999          | -                         | -                                          | -                                          | -                                          | -                           | 5,247          |                          |                    | 1,248          |                    | 3,999          |                    |
| 7/9/2017  | 597              | 401             | 248             | 2               | 5,302          | -                         | -                                          | -                                          | -                                          | -                           | 6,550          |                          |                    | 1,248          |                    | 5,302          |                    |
| 7/10/2017 | 514              | 498             | 306             | 2               | 5,231          | -                         | -                                          | -                                          | -                                          | -                           | 6,551          |                          |                    | 1,320          |                    | 5,231          |                    |
| 7/11/2017 | 408              | 454             | 200             | 3               | 6,111          | -                         | -                                          | -                                          | -                                          | -                           | 7,176          |                          |                    | 1,065          |                    | 6,111          |                    |
| 7/12/2017 | 464              | 486             | 195             | 0               | 5,409          | -                         | -                                          | -                                          | -                                          | -                           | 6,554          |                          |                    | 1,145          |                    | 5,409          |                    |
| 7/13/2017 | 49               | 916             | 214             | 20              | 5,436          | -                         | -                                          | -                                          | -                                          | -                           | 6,635          |                          |                    | 1,199          |                    | 5,436          |                    |
| 7/14/2017 | 0                | 1,048           | 296             | 0               | 5,537          | -                         | -                                          | -                                          | -                                          | -                           | 6,881          | 45,594                   | 6,513              | 1,344          | 1,224              | 5,537          | 5,289              |
| 7/15/2017 | 0                | 1,450           | 287             | 0               | 9,639          | -                         | -                                          | -                                          | -                                          | -                           | 11,376         |                          |                    | 1,737          |                    | 9,639          |                    |
| 7/16/2017 | 0                | 1,450           | 287             | 0               | 8,925          | -                         | -                                          | -                                          | -                                          | -                           | 10,662         |                          |                    | 1,737          |                    | 8,925          |                    |
| 7/17/2017 | 0                | 333             | 46              | 0               | 10,283         | -                         | -                                          | -                                          | -                                          | -                           | 10,662         |                          |                    | 379            |                    | 10,283         |                    |
| 7/18/2017 | 1                | 1,159           | 177             | 10              | 4,666          | -                         | -                                          | -                                          | -                                          | -                           | 6,013          |                          |                    | 1,347          |                    | 4,666          |                    |
| 7/19/2017 | 0                | 266             | 146             | 13              | 8,470          | -                         | -                                          | -                                          | -                                          | -                           | 8,895          |                          |                    | 425            |                    | 8,470          |                    |
| 7/20/2017 | 3                | 1,092           | 127             | 3               | 8,208          | -                         | -                                          | -                                          | -                                          | -                           | 9,433          |                          |                    | 1,225          |                    | 8,208          |                    |
| 7/21/2017 | 888              | 165             | 155             | 1               | 940            | -                         | -                                          | -                                          | -                                          | -                           | 2,149          | 59,190                   | 8,456              | 1,209          | 1,151              | 940            | 7,304              |
| 7/22/2017 | 1,191            | 0               | 135             | 0               | 0              | -                         | -                                          | -                                          | -                                          | -                           | 1,326          |                          |                    | 1,326          |                    | 0              |                    |
| 7/23/2017 | 1,191            | 0               | 135             | 0               | 0              | -                         | -                                          | -                                          | -                                          | -                           | 1,326          |                          |                    | 1,326          |                    | 0              |                    |
| 7/24/2017 | 1,194            | 0               | 128             | 0               | 0              | -                         | -                                          | -                                          | -                                          | -                           | 1,322          |                          |                    | 1,322          |                    | 0              |                    |
| 7/25/2017 | 399              | 544             | 89              | 4               | 21,828         | -                         | -                                          | -                                          | -                                          | -                           | 22,864         |                          |                    | 1,036          |                    | 21,828         |                    |
| 7/26/2017 | 0                | 825             | 75              | 0               | 10,750         | -                         | -                                          | -                                          | -                                          | -                           | 11,650         |                          |                    | 900            |                    | 10,750         |                    |
| 7/27/2017 | 872              | 108             | 205             | 3               | 3,065          | -                         | -                                          | -                                          | -                                          | -                           | 4,253          |                          |                    | 1,188          |                    | 3,065          |                    |
| 7/28/2017 | 684              | 110             | 168             | 15              | 10,683         | -                         | -                                          | -                                          | -                                          | -                           | 11,660         | 54,401                   | 7,772              | 977            | 1,154              | 10,683         | 6,618              |
| 7/29/2017 | 1,824            | 0               | 448             | 0               | 19,027         | -                         | -                                          | -                                          | -                                          | -                           | 21,299         |                          |                    | 2,272          |                    | 19,027         |                    |
| 7/30/2017 | 912              | 0               | 224             | 0               | 9,513          | -                         | -                                          | -                                          | -                                          | -                           | 10,649         |                          |                    | 1,136          |                    | 9,513          |                    |
| 7/31/2017 | 878              | 0               | 254             | 0               | 8,065          | -                         | -                                          | -                                          | -                                          | -                           | 9,197          |                          |                    | 1,132          |                    | 8,065          |                    |
| 8/1/2017  | 886              | 0               | 247             | 0               | 8,084          | -                         | -                                          | -                                          | -                                          | -                           | 9,217          |                          |                    | 1,133          |                    | 8,084          |                    |
| 8/2/2017  | 536              | 138             | 188             | 5               | -              | 19,748                    | -                                          | -                                          | -                                          | -                           | 20,615         |                          |                    | 867            |                    | 19,748         |                    |
| 8/3/2017  | 726              | 260             | 242             | 0               | -              | 17,426                    | -                                          | -                                          | -                                          | -                           | 18,654         |                          |                    | 1,228          |                    | 17,426         |                    |
| 8/4/2017  | 622              | 297             | 193             | 0               | -              | 16,767                    | -                                          | -                                          | -                                          | -                           | 17,879         | 107,510                  | 15,359             | 1,112          | 1,269              | 16,767         | 14,090             |
| 8/5/2017  | 714              | 284             | 205             | 0               | -              | 16,491                    | -                                          | -                                          | -                                          | -                           | 17,694         |                          |                    | 1,203          |                    | 16,491         |                    |
| 8/6/2017  | 714              | 284             | 205             | 0               | -              | 16,491                    | -                                          | -                                          | -                                          | -                           | 17,694         |                          |                    | 1,203          |                    | 16,491         |                    |
| 8/7/2017  | 768              | 273             | 214             | 0               | 0              | 18,036                    | -                                          | -                                          | -                                          | -                           | 19,291         |                          |                    | 1,255          |                    | 18,036         |                    |
| 8/8/2017  | 742              | 241             | 196             | 0               | 0              | 18,861                    | -                                          | -                                          | -                                          | -                           | 20,040         |                          |                    | 1,179          |                    | 18,861         |                    |
| 8/9/2017  | 757              | 277             | 211             | 0               | 0              | 22,684                    | -                                          | -                                          | -                                          | -                           | 23,929         |                          |                    | 1,245          |                    | 22,684         |                    |
| 8/10/2017 | 235              | 84              | 71              | 0               | 5              | 23,493                    | -                                          | -                                          | -                                          | -                           | 23,888         |                          |                    | 390            |                    | 23,498         |                    |
| 8/11/2017 | 629              | 389             | 208             | 0               | 0              | 21,995                    | -                                          | -                                          | -                                          | 32,268                      | 55,489         | 178,025                  | 25,432             | 1,226          | 1,100              | 54,263         | 24,332             |
| 8/12/2017 | 753              | 300             | 241             | 2               | 0              | 10,060                    | -                                          | -                                          | -                                          | 11,356                      | 22,712         |                          |                    | 1,296          |                    | 21,416         |                    |
| 8/13/2017 | 753              | 300             | 241             | 0               | 0              | 21,416                    | -                                          | -                                          | -                                          | 0                           | 22,710         |                          |                    | 1,294          |                    | 21,416         |                    |
| 8/14/2017 | 650              | 349             | 241             | 0               | 0              | 10,005                    | -                                          | -                                          | -                                          | 12,244                      | 23,489         |                          |                    | 1,240          |                    | 22,249         |                    |
| 8/15/2017 | 657              | 300             | 243             | 0               | 0              | 261                       | -                                          | -                                          | -                                          | 15,433                      | 16,894         |                          |                    | 1,200          |                    | 15,694         |                    |
| 8/16/2017 | 718              | 261             | 236             | 0               | 0              | 0                         | -                                          | -                                          | -                                          | 7,980                       | 9,195          |                          |                    | 1,215          |                    | 7,980          |                    |
| 8/17/2017 | 796              | 275             | 259             | 0               | 0              | 26,657                    | -                                          | -                                          | -                                          | 14,179                      | 42,166         |                          |                    | 1,330          |                    | 40,836         |                    |
| 8/18/2017 | 858              | 257             | 261             | 0               | -              | 5,270                     | -                                          | -                                          | -                                          | 13,046                      | 19,692         | 156,858                  | 22,408             | 1,376          | 1,279              | 18,316         | 21,130             |
| 8/19/2017 | 799              | 231             | 248             | 0               | -              | 0                         | -                                          | -                                          | -                                          | 4,948                       | 6,226          |                          |                    | 1,278          |                    | 4,948          |                    |
| 8/20/2017 | 799              | 231             | 248             | 0               | -              | 0                         | -                                          | -                                          | -                                          | 4,648                       | 5,926          |                          |                    | 1,278          |                    | 4,648          |                    |
| 8/21/2017 | 742              | 267             | 252             | 0               | -              | 23,431                    | -                                          | -                                          | -                                          | 16,855                      | 41,547         |                          |                    | 1,261          |                    | 40,286         |                    |
| 8/22/2017 | 761              | 333             | 269             | 0               | -              | 7,787                     | -                                          | -                                          | -                                          | 12,595                      | 21,745         |                          |                    | 1,363          |                    | 20,382         |                    |
| 8/23/2017 | 741              | 382             | 280             | 0               | -              | 1,197                     | -                                          | -                                          | -                                          | 11,900                      | 14,500         |                          |                    | 1,403          |                    | 13,097         |                    |
| 8/24/2017 | 780              | 380             | 291             | 0               | -              | 16,447                    | -                                          | -                                          | -                                          | 11,438                      | 29,336         |                          |                    | 1,451          |                    | 27,885         |                    |
| 8/25/2017 | 735              | 361             | 267             | 0               | -              | 16,921                    | -                                          | -                                          | -                                          | 11,209                      | 29,493         | 148,773                  | 21,253             | 1,363          | 1,342              | 28,130         | 19,911             |
| 8/26/2017 | 763              | 345             | 289             | 0               | -              | 18,515                    | -                                          | -                                          | -                                          | 2,269                       | 22,181         |                          |                    | 1,397          |                    | 20,784         |                    |
| 8/27/2017 | 763              | 345             | 289             | 0               | -              | 20,784                    | -                                          | -                                          | -                                          | 0                           | 22,181         |                          |                    | 1,397          |                    | 20,784         |                    |
| 8/28/2017 | 909              | 389             | 379             | 0               | -              | 15,222                    | -                                          | -                                          | -                                          | 18,861                      | 35,760         |                          |                    | 1,677          |                    | 34,083         |                    |
| 8/29/2017 | 997              | 5               | 315             | 0               | -              | 18,113                    | -                                          | -                                          | -                                          | 14,360                      | 33,790         |                          |                    | 1,317          |                    | 32,473         |                    |
| 8/30/2017 | 983              | 0               | 323             | 0               | -              | 17,940                    | -                                          | -                                          | -                                          | 15,094                      | 34,340         |                          |                    | 1,306          |                    | 33,034         |                    |
| 8/31/2017 | 1,002            | 1               | 273             | 0               | -              | 17,466                    | -                                          | -                                          | -                                          | 17,586                      | 36,328         |                          |                    | 1,276          |                    | 35,052         |                    |
| 9/1/2017  | 1,084            | 134             | 288             | 0               | -              | 0                         | -                                          | -                                          | -                                          | 21,149                      | 22,655         | 207,235                  | 34,539             | 1,506          | 1,411              | 21,149         | 28,194             |
| 9/2/2017  | 1,509            | 0               | 502             | 0               | -              | 1,774                     | -                                          | -                                          | -                                          | 6,036                       | 9,821          |                          |                    | 2,011          |                    | 7,810          |                    |

Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE       | Dewatering Wells |                 |                 |                 | Pump Stations  |                           |                                            |                                            |                                            |                             | Total  | WEEKLY<br>TOTAL | Daily Avg | DWs            |                    | PSs            |                    |
|------------|------------------|-----------------|-----------------|-----------------|----------------|---------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-----------------------------|--------|-----------------|-----------|----------------|--------------------|----------------|--------------------|
|            | DW 1-1<br>(gal)  | DW 1-2<br>(gal) | DW 2-1<br>(gal) | DW 2-2<br>(gal) | TPS-2<br>(gal) | PS-2<br>(CO 2-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-4)<br>(gal) | Test Pump<br>Location<br>(CO 3-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-2)<br>(gal) | TPS-2B<br>(CO 2-2)<br>(gal) |        |                 |           | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 9/3/2017   | 755              | 0               | 251             | 0               | -              | 887                       | -                                          | -                                          | -                                          | 3,018                       | 4,911  |                 |           | 1,006          |                    | 3,905          |                    |
| 9/4/2017   | 755              | 0               | 251             | 0               | -              | 887                       | -                                          | -                                          | -                                          | 3,018                       | 4,911  |                 |           | 1,006          |                    | 3,905          |                    |
| 9/5/2017   | 676              | 1               | 230             | 0               | -              | 117                       | -                                          | -                                          | -                                          | 9,442                       | 10,466 |                 |           | 907            |                    | 9,559          |                    |
| 9/6/2017   | 1,133            | 566             | 442             | 0               | -              | 33,613                    | -                                          | -                                          | -                                          | 23,292                      | 59,046 |                 |           | 2,141          |                    | 56,905         |                    |
| 9/7/2017   | 1,121            | 0               | 381             | 0               | -              | 24,017                    | -                                          | -                                          | -                                          | 24,785                      | 50,304 |                 |           | 1,502          |                    | 48,802         |                    |
| 9/8/2017   | 953              | 0               | 386             | 0               | -              | 1,992                     | -                                          | -                                          | -                                          | 0                           | 3,331  | 142,790         | 23,798    | 1,339          | 1,416              | 1,992          | 18,983             |
| 9/9/2017   | 1,522            | 1               | 643             | 0               | -              | 0                         | -                                          | -                                          | -                                          | 0                           | 2,166  |                 |           | 2,166          |                    | 0              |                    |
| 9/10/2017  | 0                | 0               | 0               | 0               | -              | 0                         | -                                          | -                                          | -                                          | 0                           | 0      |                 |           | 0              |                    | 0              |                    |
| 9/11/2017  | 0                | 0               | 0               | 0               | -              | 0                         | -                                          | -                                          | -                                          | 0                           | 0      |                 |           | 0              |                    | 0              |                    |
| 9/12/2017  | 0                | 0               | 0               | 0               | -              | 13,816                    | -                                          | -                                          | -                                          | 595                         | 14,411 |                 |           | 0              |                    | 14,411         |                    |
| 9/13/2017  | 0                | 0               | 0               | 0               | -              | 41,478                    | -                                          | -                                          | -                                          | 35,164                      | 76,642 |                 |           | 0              |                    | 76,642         |                    |
| 9/14/2017  | 136              | 1               | 167             | 0               | -              | 27,893                    | -                                          | -                                          | -                                          | 24,925                      | 53,122 |                 |           | 304            |                    | 52,818         |                    |
| 9/15/2017  | 0                | 0               | 15              | 0               | -              | 326                       | -                                          | -                                          | -                                          | 27,079                      | 27,420 | 173,761         | 24,823    | 15             | 355                | 27,405         | 27,405             |
| 9/16/2017  | 0                | 0               | 0               | 0               | -              | 0                         | -                                          | -                                          | -                                          | 23,113                      | 23,113 |                 |           | 0              |                    | 23,113         |                    |
| 9/17/2017  | 0                | 0               | 0               | 0               | -              | 24,524                    | -                                          | -                                          | -                                          | 0                           | 24,524 |                 |           | 0              |                    | 24,524         |                    |
| 9/18/2017  | 0                | 0               | 0               | 0               | -              | 23,611                    | -                                          | -                                          | -                                          | 12,159                      | 35,770 |                 |           | 0              |                    | 35,770         |                    |
| 9/19/2017  | 0                | 0               | 728             | 0               | -              | 0                         | -                                          | -                                          | -                                          | 0                           | 728    |                 |           | 728            |                    | 0              |                    |
| 9/20/2017  | 1                | 987             | 213             | 1               | -              | 0                         | -                                          | -                                          | -                                          | 1,550                       | 2,752  |                 |           | 1,202          |                    | 1,550          |                    |
| 9/21/2017  | 0                | 1,904           | 659             | 0               | -              | 21,442                    | -                                          | -                                          | -                                          | 14,527                      | 38,532 |                 |           | 2,563          |                    | 35,969         |                    |
| 9/22/2017  | 0                | 1,824           | 771             | 0               | -              | 18,799                    | -                                          | -                                          | -                                          | 12,365                      | 33,759 | 159,178         | 22,740    | 2,595          | 1,013              | 31,164         | 21,727             |
| 9/23/2017  | 0                | 1,622           | 703             | 0               | -              | 13,958                    | -                                          | -                                          | -                                          | 24,934                      | 41,217 |                 |           | 2,325          |                    | 38,892         |                    |
| 9/24/2017  | 0                | 1,562           | 765             | 0               | -              | 23,817                    | -                                          | -                                          | -                                          | 0                           | 26,144 |                 |           | 2,327          |                    | 23,817         |                    |
| 9/25/2017  | 0                | 1,244           | 644             | 0               | -              | 11,059                    | -                                          | -                                          | -                                          | 22,574                      | 35,521 |                 |           | 1,888          |                    | 33,633         |                    |
| 9/26/2017  | 0                | 1,534           | 758             | 0               | -              | 13,528                    | -                                          | -                                          | -                                          | 27,890                      | 43,710 |                 |           | 2,292          |                    | 41,418         |                    |
| 9/27/2017  | 0                | 1,092           | 643             | 0               | -              | 4,633                     | -                                          | -                                          | -                                          | 0                           | 6,368  |                 |           | 1,735          |                    | 4,633          |                    |
| 9/28/2017  | 0                | 1,079           | 630             | 27              | -              | 15,018                    | -                                          | -                                          | -                                          | 0                           | 16,754 |                 |           | 1,736          |                    | 15,018         |                    |
| 9/29/2017  | 0                | 1,264           | 804             | 0               | -              | 7,818                     | -                                          | -                                          | -                                          | 36,447                      | 46,333 | 216,047         | 30,864    | 2,068          | 2,053              | 44,265         | 28,811             |
| 9/30/2017  | 0                | 1,124           | 762             | 0               | -              | 1,053                     | -                                          | -                                          | -                                          | 12,721                      | 15,660 |                 |           | 1,886          |                    | 13,774         |                    |
| 10/1/2017  | 0                | 1,124           | 762             | 0               | -              | 30,267                    | -                                          | -                                          | -                                          | 12,721                      | 44,874 |                 |           | 1,886          |                    | 42,988         |                    |
| 10/2/2017  | 0                | 1,118           | 781             | 0               | -              | 37,705                    | -                                          | -                                          | -                                          | 30,377                      | 69,981 |                 |           | 1,899          |                    | 68,082         |                    |
| 10/3/2017  | 0                | 1,003           | 702             | 0               | -              | 9,687                     | -                                          | -                                          | -                                          | 20,029                      | 31,421 |                 |           | 1,705          |                    | 29,716         |                    |
| 10/4/2017  | 0                | 1,024           | 710             | 27              | -              | 299                       | -                                          | -                                          | -                                          | 23,119                      | 25,179 |                 |           | 1,761          |                    | 23,418         |                    |
| 10/5/2017  | 0                | 559             | 848             | 0               | -              | 34,708                    | -                                          | -                                          | -                                          | 24,613                      | 60,728 |                 |           | 1,407          |                    | 59,321         |                    |
| 10/6/2017  | 0                | 646             | 847             | 0               | -              | 26,894                    | -                                          | -                                          | -                                          | 21,754                      | 50,141 | 297,984         | 42,569    | 1,493          | 1,720              | 48,648         | 40,850             |
| 10/7/2017  | 0                | 1,029           | 797             | 0               | -              | 2,077                     | -                                          | -                                          | -                                          | 6,381                       | 10,284 |                 |           | 1,826          |                    | 8,458          |                    |
| 10/8/2017  | 0                | 1,029           | 797             | 0               | -              | 2,077                     | -                                          | -                                          | -                                          | 6,381                       | 10,284 |                 |           | 1,826          |                    | 8,458          |                    |
| 10/9/2017  | 0                | 1,048           | 571             | 49              | -              | 0                         | -                                          | -                                          | -                                          | 0                           | 1,668  |                 |           | 1,668          |                    | 0              |                    |
| 10/10/2017 | 1                | 0               | 164             | 3,519           | -              | 36,733                    | -                                          | -                                          | -                                          | 0                           | 40,417 |                 |           | 3,684          |                    | 36,733         |                    |
| 10/11/2017 | 0                | 0               | 0               | 0               | -              | 26,442                    | -                                          | -                                          | -                                          | 28,217                      | 54,659 |                 |           | 0              |                    | 54,659         |                    |
| 10/12/2017 | 0                | 0               | 5               | 0               | -              | 741                       | -                                          | -                                          | -                                          | 20,369                      | 21,115 |                 |           | 5              |                    | 21,110         |                    |
| 10/13/2017 | 0                | 0               | 0               | 0               | -              | 474                       | -                                          | -                                          | -                                          | 21,723                      | 22,197 | 160,624         | 22,946    | 0              | 1,287              | 22,197         | 21,659             |
| 10/14/2017 | 0                | 0               | 0               | 0               | -              | 586                       | -                                          | -                                          | -                                          | 21,068                      | 21,654 |                 |           | 0              |                    | 21,654         |                    |
| 10/15/2017 | 0                | 0               | 0               | 0               | -              | 2,356                     | -                                          | -                                          | -                                          | 1,010                       | 3,366  |                 |           | 0              |                    | 3,366          |                    |
| 10/16/2017 | 0                | 0               | 0               | 0               | -              | 0                         | -                                          | -                                          | -                                          | 29,881                      | 29,881 |                 |           | 0              |                    | 29,881         |                    |
| 10/17/2017 | 0                | 0               | 0               | 0               | -              | 659                       | -                                          | -                                          | -                                          | 20,122                      | 20,781 |                 |           | 0              |                    | 20,781         |                    |
| 10/18/2017 | 0                | 0               | 1               | 0               | -              | 21,773                    | -                                          | -                                          | -                                          | 16,262                      | 38,036 |                 |           | 1              |                    | 38,035         |                    |
| 10/19/2017 | 0                | 0               | 0               | 0               | -              | 0                         | -                                          | -                                          | -                                          | 35,665                      | 35,665 |                 |           | 0              |                    | 35,665         |                    |
| 10/20/2017 | 0                | 0               | 0               | 0               | -              | 0                         | -                                          | -                                          | -                                          | 5,506                       | 5,506  | 154,889         | 22,127    | 0              | 0                  | 5,506          | 22,127             |
| 10/21/2017 | 0                | 0               | 0               | 0               | -              | 43,501                    | -                                          | -                                          | -                                          | 16,424                      | 59,925 |                 |           | 0              |                    | 59,925         |                    |
| 10/22/2017 | 0                | 0               | 0               | 0               | -              | 18,294                    | -                                          | -                                          | -                                          | 14,582                      | 32,876 |                 |           | 0              |                    | 32,876         |                    |
| 10/23/2017 | 0                | 0               | 0               | 0               | -              | 36,759                    | -                                          | -                                          | -                                          | 17,024                      | 53,783 |                 |           | 0              |                    | 53,783         |                    |
| 10/24/2017 | 0                | 0               | 0               | 0               | -              | 35,472                    | -                                          | -                                          | -                                          | 17,011                      | 52,483 |                 |           | 0              |                    | 52,483         |                    |
| 10/25/2017 | 0                | 0               | 1               | 0               | -              | 42,371                    | -                                          | -                                          | -                                          | 15,386                      | 57,758 |                 |           | 1              |                    | 57,757         |                    |
| 10/26/2017 | 0                | 0               | 1,791           | 0               | -              | 40,120                    | -                                          | -                                          | -                                          | 17,948                      | 59,859 |                 |           | 1,791          |                    | 58,068         |                    |
| 10/27/2017 | 0                | 0               | 1,290           | 0               | -              | 17,197                    | -                                          | -                                          | -                                          | 12,450                      | 30,937 | 347,621         | 49,660    | 1,290          | 440                | 29,647         | 49,220             |
| 10/28/2017 | 0                | 0               | 1,286           | 0               | -              | 34,129                    | -                                          | -                                          | -                                          | 13,510                      | 48,925 |                 |           | 1,286          |                    | 47,639         |                    |
| 10/29/2017 | 0                | 0               | 1,193           | 0               | -              | 35,409                    | -                                          | -                                          | -                                          | 1,879                       | 38,481 |                 |           | 1,193          |                    | 37,288         |                    |
| 10/30/2017 | 0                | 0               | 1,104           | 0               | -              | 38,355                    | -                                          | -                                          | -                                          | 17,192                      | 56,651 |                 |           | 1,104          |                    | 55,547         |                    |
| 10/31/2017 | 2,821            | 0               | 1,062           | 0               | -              | 16,445                    | -                                          | -                                          | -                                          | 15,185                      | 35,513 |                 |           | 3,883          |                    | 31,630         |                    |
| 11/1/2017  | 1,858            | 0               | 1,041           | 0               | -              | 36,937                    | -                                          | -                                          | -                                          | 10,956                      | 50,792 |                 |           | 2,899          |                    | 47,893         |                    |
| 11/2/2017  | 1,568            | 0               | 1,057           | 0               | -              | 33,057                    | -                                          | -                                          | -                                          | 15,019                      | 50,701 |                 |           | 2,625          |                    | 48,076         |                    |
| 11/3/2017  | 1,589            | 0               | 1,164           | 0               | -              | 14,920                    | -                                          | -                                          | -                                          | 12,226                      | 29,899 | 310,962         | 44,423    | 2,753          | 2,249              | 27,146         | 42,174             |
| 11/4/2017  | 1,424            | 0               | 1,041           | 0               | -              | 32,528                    | -                                          | -                                          | -                                          | 9,053                       | 44,046 |                 |           | 2,465          |                    | 41,581         |                    |
| 11/5/2017  | 1,484            | 0               | 1,090           | 0               | -              | 3,103                     | -                                          | -                                          | -                                          | 0                           | 5,677  |                 |           | 2,574          |                    | 3,103          |                    |
| 11/6/2017  | 1,426            | 0               | 1,047           | 0               | -              | 2,152                     | -                                          | -                                          | -                                          | 1,069                       | 5,694  |                 |           | 2,473          |                    | 3,221          |                    |
| 11/7/2017  | 1,297            | 0               | 1,018           | 0               | -              | 20,425                    | -                                          | -                                          | -                                          | 20,740                      | 43,480 |                 |           | 2,315          |                    | 41,165         |                    |

Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE       | Dewatering Wells |        |        |        | Pump Stations |                  |                                   |                                   |                                   |                    | Total  | WEEKLY<br>TOTAL | Daily Avg | DWs   |           | PSs    |           |
|------------|------------------|--------|--------|--------|---------------|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|--------|-----------------|-----------|-------|-----------|--------|-----------|
|            | DW 1-1           | DW 1-2 | DW 2-1 | DW 2-2 | TPS-2         | PS-2<br>(CO 2-1) | Test Pump<br>Location<br>(CO 2-4) | Test Pump<br>Location<br>(CO 3-1) | Test Pump<br>Location<br>(CO 2-2) | TPS-2B<br>(CO 2-2) |        |                 |           | Total | Daily Avg | Total  | Daily Avg |
|            | (gal)            | (gal)  | (gal)  | (gal)  | (gal)         | (gal)            | (gal)                             | (gal)                             | (gal)                             | (gal)              | (gpd)  | (gal)           | (gpd)     | (gal) | (gpd)     | (gal)  | (gpd)     |
| 11/8/2017  | 711              | 0      | 618    | 0      | -             | 20,143           | -                                 | -                                 | -                                 | 14,220             | 35,692 |                 |           | 1,329 |           | 34,363 |           |
| 11/9/2017  | 1,545            | 0      | 1,329  | 0      | -             | 17,977           | -                                 | -                                 | -                                 | 12,650             | 33,501 |                 |           | 2,874 |           | 30,627 |           |
| 11/10/2017 | 1,120            | 0      | 996    | 0      | -             | 26,372           | -                                 | -                                 | -                                 | 0                  | 28,488 | 196,578         | 28,083    | 2,116 | 2,307     | 26,372 | 25,776    |
| 11/11/2017 | 1,060            | 0      | 961    | 0      | -             | 19,113           | -                                 | -                                 | -                                 | 9,738              | 30,872 |                 |           | 2,021 |           | 28,851 |           |
| 11/12/2017 | 1,074            | 0      | 1,000  | 0      | -             | 16,512           | -                                 | -                                 | -                                 | 10,802             | 29,388 |                 |           | 2,074 |           | 27,314 |           |
| 11/13/2017 | 1,101            | 0      | 1,016  | 0      | -             | 9,132            | -                                 | -                                 | -                                 | 8,201              | 19,450 |                 |           | 2,117 |           | 17,333 |           |
| 11/14/2017 | 1,123            | 0      | 1,059  | 0      | -             | 13,277           | -                                 | -                                 | -                                 | 10,726             | 26,185 |                 |           | 2,182 |           | 24,003 |           |
| 11/15/2017 | 1,123            | 0      | 1,064  | 0      | -             | 18,256           | -                                 | -                                 | -                                 | 11,303             | 31,746 |                 |           | 2,187 |           | 29,559 |           |
| 11/16/2017 | 1,055            | 0      | 998    | 0      | -             | 0                | -                                 | -                                 | -                                 | 8,508              | 10,561 |                 |           | 2,053 |           | 8,508  |           |
| 11/17/2017 | 1,101            | 0      | 1,021  | 0      | -             | 34,175           | -                                 | -                                 | -                                 | 7,328              | 43,625 | 191,827         | 27,404    | 2,122 | 2,108     | 41,503 | 25,296    |
| 11/18/2017 | 1,085            | 0      | 1,005  | 0      | -             | 34,240           | -                                 | -                                 | -                                 | 7,777              | 44,107 |                 |           | 2,090 |           | 42,017 |           |
| 11/19/2017 | 1,017            | 0      | 1,001  | 0      | -             | 32,236           | -                                 | -                                 | -                                 | 9,604              | 43,858 |                 |           | 2,018 |           | 41,840 |           |
| 11/20/2017 | 953              | 0      | 964    | 0      | -             | 10,862           | -                                 | -                                 | -                                 | 9,583              | 22,362 |                 |           | 1,917 |           | 20,445 |           |
| 11/21/2017 | 1,198            | 0      | 1,065  | 0      | -             | 38,238           | -                                 | -                                 | -                                 | 7,959              | 48,460 |                 |           | 2,263 |           | 46,197 |           |
| 11/22/2017 | 1,147            | 0      | 977    | 0      | -             | 32,043           | -                                 | -                                 | -                                 | 3,039              | 37,206 |                 |           | 2,124 |           | 35,082 |           |
| 11/23/2017 | 1,147            | 0      | 977    | 0      | -             | 20,541           | -                                 | -                                 | -                                 | 3,039              | 25,704 |                 |           | 2,124 |           | 23,580 |           |
| 11/24/2017 | 1,132            | 0      | 952    | 0      | -             | 23,275           | -                                 | -                                 | -                                 | 13,576             | 38,935 | 260,632         | 37,233    | 2,084 | 2,089     | 36,851 | 35,145    |
| 11/25/2017 | 1,091            | 0      | 913    | 0      | -             | 23,275           | -                                 | -                                 | -                                 | 470                | 25,749 |                 |           | 2,004 |           | 23,745 |           |
| 11/26/2017 | 1,091            | 0      | 913    | 0      | -             | 0                | -                                 | -                                 | -                                 | 470                | 2,474  |                 |           | 2,004 |           | 470    |           |
| 11/27/2017 | 1,076            | 0      | 891    | 0      | -             | 0                | -                                 | -                                 | -                                 | 0                  | 1,967  |                 |           | 1,967 |           | 0      |           |
| 11/28/2017 | 1,100            | 0      | 912    | 0      | -             | 0                | -                                 | -                                 | -                                 | 18,108             | 20,120 |                 |           | 2,012 |           | 18,108 |           |
| 11/29/2017 | 1,082            | 0      | 885    | 0      | -             | 0                | -                                 | -                                 | -                                 | 11,527             | 13,494 |                 |           | 1,967 |           | 11,527 |           |
| 11/30/2017 | 1,178            | 0      | 948    | 0      | -             | 464              | -                                 | -                                 | -                                 | 11,725             | 14,315 |                 |           | 2,126 |           | 12,189 |           |
| 12/1/2017  | 1,030            | 0      | 903    | 0      | -             | 0                | -                                 | -                                 | -                                 | 9,693              | 11,626 | 89,745          | 12,821    | 1,933 | 2,002     | 9,693  | 10,819    |
| 12/2/2017  | 1,098            | 0      | 932    | 0      | -             | 0                | -                                 | -                                 | -                                 | 9,201              | 11,231 |                 |           | 2,030 |           | 9,201  |           |
| 12/3/2017  | 1,112            | 0      | 940    | 0      | -             | 0                | -                                 | -                                 | -                                 | 9,117              | 11,169 |                 |           | 2,052 |           | 9,117  |           |
| 12/4/2017  | 1,055            | 0      | 910    | 0      | -             | 0                | -                                 | -                                 | -                                 | 8,567              | 10,532 |                 |           | 1,965 |           | 8,567  |           |
| 12/5/2017  | 1,192            | 0      | 953    | 0      | -             | 0                | -                                 | -                                 | -                                 | 8,903              | 11,048 |                 |           | 2,145 |           | 8,903  |           |
| 12/6/2017  | 1,168            | 0      | 924    | 0      | -             | 0                | -                                 | -                                 | -                                 | 8,647              | 10,739 |                 |           | 2,092 |           | 8,647  |           |
| 12/7/2017  | 1,307            | 0      | 1,052  | 0      | -             | 0                | -                                 | -                                 | -                                 | 0                  | 2,359  |                 |           | 2,359 |           | 0      |           |
| 12/8/2017  | 1,217            | 0      | 975    | 0      | -             | 0                | -                                 | -                                 | -                                 | 0                  | 2,192  | 59,270          | 8,467     | 2,192 | 2,119     | 0      | 6,348     |
| 12/9/2017  | 1,064            | 0      | 853    | 0      | -             | 0                | -                                 | -                                 | -                                 | 0                  | 1,917  |                 |           | 1,917 |           | 0      |           |
| 12/10/2017 | 1,129            | 0      | 829    | 0      | -             | 0                | -                                 | -                                 | -                                 | 0                  | 1,958  |                 |           | 1,958 |           | 0      |           |
| 12/11/2017 | 1,158            | 0      | 939    | 0      | -             | 0                | -                                 | -                                 | -                                 | 0                  | 2,097  |                 |           | 2,097 |           | 0      |           |
| 12/12/2017 | 1,238            | 0      | 1,027  | 0      | -             | 0                | -                                 | -                                 | -                                 | 7,755              | 10,020 |                 |           | 2,265 |           | 7,755  |           |
| 12/13/2017 | 1,204            | 0      | 971    | 0      | -             | 0                | -                                 | -                                 | -                                 | 11,415             | 13,590 |                 |           | 2,175 |           | 11,415 |           |
| 12/14/2017 | 1,291            | 0      | 1,012  | 0      | -             | 0                | -                                 | -                                 | -                                 | 10,031             | 12,334 |                 |           | 2,303 |           | 10,031 |           |
| 12/15/2017 | 1,112            | 0      | 931    | 0      | -             | 0                | -                                 | -                                 | -                                 | 8,513              | 10,556 | 52,472          | 7,496     | 2,043 | 2,108     | 8,513  | 5,388     |
| 12/16/2017 | 1,129            | 0      | 813    | 0      | -             | 0                | -                                 | -                                 | -                                 | 6,083              | 8,025  |                 |           | 1,942 |           | 6,083  |           |
| 12/17/2017 | 1,189            | 0      | 893    | 0      | -             | 0                | -                                 | -                                 | -                                 | 3,838              | 5,920  |                 |           | 2,082 |           | 3,838  |           |
| 12/18/2017 | 1,197            | 0      | 890    | 0      | -             | 0                | -                                 | -                                 | -                                 | 0                  | 2,087  |                 |           | 2,087 |           | 0      |           |
| 12/19/2017 | 1,269            | 0      | 947    | 0      | -             | 0                | -                                 | -                                 | -                                 | 7,810              | 10,026 |                 |           | 2,216 |           | 7,810  |           |
| 12/20/2017 | 1,280            | 0      | 924    | 0      | -             | 0                | -                                 | -                                 | -                                 | 658                | 2,862  |                 |           | 2,204 |           | 658    |           |
| 12/21/2017 | 1,268            | 0      | 894    | 0      | -             | 0                | -                                 | -                                 | -                                 | 14,271             | 16,433 |                 |           | 2,162 |           | 14,271 |           |
| 12/22/2017 | 1,255            | 0      | 869    | 0      | -             | 0                | -                                 | -                                 | -                                 | 3,042              | 5,166  | 50,519          | 7,217     | 2,124 | 2,117     | 3,042  | 5,100     |
| 12/23/2017 | 1,272            | 0      | 842    | 0      | -             | 0                | -                                 | -                                 | -                                 | 5,191              | 7,305  |                 |           | 2,114 |           | 5,191  |           |
| 12/24/2017 | 1,272            | 0      | 842    | 0      | -             | 0                | -                                 | -                                 | -                                 | 5,191              | 7,305  |                 |           | 2,114 |           | 5,191  |           |
| 12/25/2017 | 1,272            | 0      | 842    | 0      | -             | 0                | -                                 | -                                 | -                                 | 5,191              | 7,305  |                 |           | 2,114 |           | 5,191  |           |
| 12/26/2017 | 1,234            | 0      | 800    | 0      | -             | 0                | -                                 | -                                 | -                                 | 11,034             | 13,068 |                 |           | 2,034 |           | 11,034 |           |
| 12/27/2017 | 1,354            | 0      | 730    | 0      | -             | 0                | -                                 | -                                 | -                                 | 7,832              | 9,916  |                 |           | 2,084 |           | 7,832  |           |
| 12/28/2017 | 1,297            | 0      | 852    | 0      | -             | 0                | -                                 | -                                 | -                                 | 0                  | 2,149  |                 |           | 2,149 |           | 0      |           |
| 12/29/2017 | 1,217            | 0      | 820    | 0      | -             | 21,115           | -                                 | -                                 | -                                 | 0                  | 23,152 | 70,200          | 10,029    | 2,037 | 2,092     | 21,115 | 7,936     |
| 12/30/2017 | 1,248            | 0      | 805    | 0      | -             | 29,240           | -                                 | -                                 | -                                 | 0                  | 31,293 |                 |           | 2,053 |           | 29,240 |           |
| 12/31/2017 | 1,248            | 0      | 805    | 0      | -             | 29,240           | -                                 | -                                 | -                                 | 0                  | 31,293 |                 |           | 2,053 |           | 29,240 |           |
| 1/1/2018   | 1,248            | 0      | 805    | 0      | -             | 29,240           | -                                 | -                                 | -                                 | 0                  | 31,293 |                 |           | 2,053 |           | 29,240 |           |
| 1/2/2018   | 1,219            | 0      | 753    | 0      | -             | 29,615           | -                                 | -                                 | -                                 | 0                  | 31,587 |                 |           | 1,972 |           | 29,615 |           |
| 1/3/2018   | 1,145            | 0      | 769    | 0      | -             | 29,614           | -                                 | -                                 | -                                 | 0                  | 31,528 |                 |           | 1,914 |           | 29,614 |           |
| 1/4/2018   | 1,063            | 0      | 710    | 0      | -             | 10,842           | -                                 | -                                 | -                                 | 0                  | 12,615 |                 |           | 1,773 |           | 10,842 |           |
| 1/5/2018   | 1,123            | 0      | 667    | 0      | -             | 14,541           | -                                 | -                                 | -                                 | 0                  | 16,331 | 185,940         | 26,563    | 1,790 | 1,944     | 14,541 | 24,619    |
| 1/6/2018   | 1,091            | 0      | 658    | 0      | -             | 10,274           | -                                 | -                                 | -                                 | 0                  | 12,023 |                 |           | 1,749 |           | 10,274 |           |
| 1/7/2018   | 1,129            | 0      | 675    | 0      | -             | 13,359           | -                                 | -                                 | -                                 | 0                  | 15,163 |                 |           | 1,804 |           | 13,359 |           |
| 1/8/2018   | 1,177            | 0      | 724    | 0      | -             | 34,404           | -                                 | -                                 | -                                 | 0                  | 36,305 |                 |           | 1,901 |           | 34,404 |           |
| 1/9/2018   | 53               | 0      | 30     | 0      | -             | 0                | -                                 | -                                 | -                                 | 0                  | 83     |                 |           | 83    |           | 0      |           |
| 1/10/2018  | 0                | 0      | 0      | 0      | -             | 0                | -                                 | -                                 | -                                 | 0                  | 0      |                 |           | 0     |           | 0      |           |
| 1/11/2018  | 1,450            | 0      | 797    | 0      | -             | 35,168           | -                                 | -                                 | -                                 | 0                  | 37,415 |                 |           | 2,247 |           | 35,168 |           |
| 1/12/2018  | 1,279            | 0      | 754    | 0      | -             | 30,194           | -                                 | -                                 | -                                 | 0                  | 32,227 | 133,216         | 19,031    | 2,033 | 1,402     | 30,194 | 17,628    |

Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Dewatering Wells |                 |                 |                 | Pump Stations  |                           |                                            |                                            |                                            |                             | Total<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | DWs            |                    | PSs            |                    |
|-----------|------------------|-----------------|-----------------|-----------------|----------------|---------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-----------------------------|----------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | DW 1-1<br>(gal)  | DW 1-2<br>(gal) | DW 2-1<br>(gal) | DW 2-2<br>(gal) | TPS-2<br>(gal) | PS-2<br>(CO 2-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-4)<br>(gal) | Test Pump<br>Location<br>(CO 3-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-2)<br>(gal) | TPS-2B<br>(CO 2-2)<br>(gal) |                |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 1/13/2018 | 1,135            | 0               | 631             | 0               | -              | 23,223                    | -                                          | -                                          | -                                          | 0                           | 24,989         |                          |                    | 1,766          |                    | 23,223         |                    |
| 1/14/2018 | 1,135            | 0               | 631             | 0               | -              | 23,223                    | -                                          | -                                          | -                                          | 0                           | 24,989         |                          |                    | 1,766          |                    | 23,223         |                    |
| 1/15/2018 | 1,099            | 0               | 617             | 0               | -              | 24,740                    | -                                          | -                                          | -                                          | 0                           | 26,456         |                          |                    | 1,716          |                    | 24,740         |                    |
| 1/16/2018 | 136              | 0               | 67              | 0               | -              | 0                         | -                                          | -                                          | -                                          | 0                           | 203            |                          |                    | 203            |                    | 0              |                    |
| 1/17/2018 | 1,011            | 0               | 567             | 0               | -              | 31,253                    | -                                          | -                                          | -                                          | 0                           | 32,831         |                          |                    | 1,578          |                    | 31,253         |                    |
| 1/18/2018 | 1,082            | 0               | 648             | 0               | -              | 18,148                    | -                                          | -                                          | -                                          | 0                           | 19,878         |                          |                    | 1,730          |                    | 18,148         |                    |
| 1/19/2018 | 1,050            | 0               | 644             | 0               | -              | 0                         | -                                          | -                                          | -                                          | 0                           | 1,694          | 131,040                  | 18,720             | 1,694          | 1,493              | 0              | 17,227             |
| 1/20/2018 | 1,095            | 0               | 662             | 0               | -              | 0                         | -                                          | -                                          | -                                          | 0                           | 1,757          |                          |                    | 1,757          |                    | 0              |                    |
| 1/21/2018 | 1,095            | 0               | 662             | 0               | -              | 26,763                    | -                                          | -                                          | -                                          | 0                           | 28,520         |                          |                    | 1,757          |                    | 26,763         |                    |
| 1/22/2018 | 1,120            | 0               | 687             | 0               | -              | 26,084                    | -                                          | -                                          | -                                          | 0                           | 27,891         |                          |                    | 1,807          |                    | 26,084         |                    |
| 1/23/2018 | 1,112            | 0               | 683             | 0               | -              | 21,495                    | -                                          | -                                          | -                                          | 0                           | 23,290         |                          |                    | 1,795          |                    | 21,495         |                    |
| 1/24/2018 | 1,054            | 0               | 641             | 0               | -              | 0                         | -                                          | -                                          | -                                          | 0                           | 1,695          |                          |                    | 1,695          |                    | 0              |                    |
| 1/25/2018 | 146              | 0               | 91              | 0               | -              | 0                         | -                                          | -                                          | -                                          | 0                           | 237            |                          |                    | 237            |                    | 0              |                    |
| 1/26/2018 | 1,181            | 0               | 713             | 0               | -              | 27,148                    | -                                          | -                                          | -                                          | 0                           | 29,042         | 112,432                  | 16,062             | 1,894          | 1,563              | 27,148         | 14,499             |
| 1/27/2018 | 1,125            | 0               | 732             | 0               | -              | 24,918                    | -                                          | -                                          | -                                          | 0                           | 26,775         |                          |                    | 1,857          |                    | 24,918         |                    |
| 1/28/2018 | 1,125            | 0               | 732             | 0               | -              | 24,918                    | -                                          | -                                          | -                                          | 0                           | 26,775         |                          |                    | 1,857          |                    | 24,918         |                    |
| 1/29/2018 | 1,064            | 0               | 727             | 0               | -              | 23,729                    | -                                          | -                                          | -                                          | 0                           | 25,520         |                          |                    | 1,791          |                    | 23,729         |                    |
| 1/30/2018 | 1,026            | 0               | 703             | 0               | -              | 22,511                    | -                                          | -                                          | -                                          | 0                           | 24,240         |                          |                    | 1,729          |                    | 22,511         |                    |
| 1/31/2018 | 1,060            | 0               | 715             | 0               | -              | 19,807                    | -                                          | -                                          | -                                          | 0                           | 21,582         |                          |                    | 1,775          |                    | 19,807         |                    |
| 2/1/2018  | 1,074            | 0               | 734             | 0               | -              | 24,432                    | -                                          | -                                          | -                                          | 0                           | 26,240         |                          |                    | 1,808          |                    | 24,432         |                    |
| 2/2/2018  | 1,091            | 0               | 764             | 0               | -              | 22,719                    | -                                          | -                                          | -                                          | 0                           | 24,574         | 175,706                  | 25,101             | 1,855          | 1,810              | 22,719         | 23,291             |
| 2/3/2018  | 1,104            | 0               | 777             | 0               | -              | 22,546                    | -                                          | -                                          | -                                          | 0                           | 24,427         |                          |                    | 1,881          |                    | 22,546         |                    |
| 2/4/2018  | 1,104            | 0               | 777             | 0               | -              | 22,546                    | -                                          | -                                          | -                                          | 0                           | 24,427         |                          |                    | 1,881          |                    | 22,546         |                    |
| 2/5/2018  | 1,081            | 0               | 765             | 0               | -              | 19,758                    | -                                          | -                                          | -                                          | 0                           | 21,604         |                          |                    | 1,846          |                    | 19,758         |                    |
| 2/6/2018  | 1,069            | 0               | 730             | 0               | -              | 625                       | -                                          | -                                          | -                                          | 0                           | 2,424          |                          |                    | 1,799          |                    | 625            |                    |
| 2/7/2018  | 1,095            | 0               | 706             | 0               | -              | 18,844                    | -                                          | -                                          | -                                          | 0                           | 20,645         |                          |                    | 1,801          |                    | 18,844         |                    |
| 2/8/2018  | 1,235            | 0               | 710             | 0               | -              | 20,603                    | -                                          | -                                          | -                                          | 0                           | 22,548         |                          |                    | 1,945          |                    | 20,603         |                    |
| 2/9/2018  | 1,237            | 0               | 716             | 0               | -              | 21,159                    | -                                          | -                                          | -                                          | 0                           | 23,112         | 139,187                  | 19,884             | 1,953          | 1,872              | 21,159         | 18,012             |
| 2/10/2018 | 1,126            | 0               | 657             | 0               | -              | 19,438                    | -                                          | -                                          | -                                          | 0                           | 21,221         |                          |                    | 1,783          |                    | 19,438         |                    |
| 2/11/2018 | 1,126            | 0               | 657             | 0               | -              | 19,438                    | -                                          | -                                          | -                                          | 0                           | 21,221         |                          |                    | 1,783          |                    | 19,438         |                    |
| 2/12/2018 | 1,090            | 0               | 614             | 0               | -              | 21,975                    | -                                          | -                                          | -                                          | 0                           | 23,679         |                          |                    | 1,704          |                    | 21,975         |                    |
| 2/13/2018 | 905              | 0               | 581             | 0               | -              | 19,731                    | -                                          | -                                          | -                                          | 0                           | 21,217         |                          |                    | 1,486          |                    | 19,731         |                    |
| 2/14/2018 | 855              | 0               | 592             | 0               | -              | 19,814                    | -                                          | -                                          | -                                          | 0                           | 21,261         |                          |                    | 1,447          |                    | 19,814         |                    |
| 2/15/2018 | 1,039            | 0               | 643             | 0               | -              | 20,904                    | -                                          | -                                          | -                                          | 0                           | 22,586         |                          |                    | 1,682          |                    | 20,904         |                    |
| 2/16/2018 | 1,132            | 0               | 593             | 0               | -              | 20,677                    | -                                          | -                                          | -                                          | 0                           | 22,402         | 153,587                  | 21,941             | 1,725          | 1,659              | 20,677         | 20,282             |
| 2/17/2018 | 1,145            | 0               | 581             | 0               | -              | 20,450                    | -                                          | -                                          | -                                          | 0                           | 22,176         |                          |                    | 1,726          |                    | 20,450         |                    |
| 2/18/2018 | 1,145            | 0               | 581             | 0               | -              | 20,450                    | -                                          | -                                          | -                                          | 0                           | 22,176         |                          |                    | 1,726          |                    | 20,450         |                    |
| 2/19/2018 | 1,139            | 0               | 563             | 0               | -              | 19,968                    | -                                          | -                                          | -                                          | 0                           | 21,670         |                          |                    | 1,702          |                    | 19,968         |                    |
| 2/20/2018 | 1,169            | 0               | 557             | 0               | -              | 19,084                    | -                                          | -                                          | -                                          | 0                           | 20,810         |                          |                    | 1,726          |                    | 19,084         |                    |
| 2/21/2018 | 1,123            | 0               | 534             | 0               | -              | 19,157                    | -                                          | -                                          | -                                          | 0                           | 20,814         |                          |                    | 1,657          |                    | 19,157         |                    |
| 2/22/2018 | 1,147            | 0               | 538             | 0               | -              | 19,319                    | -                                          | -                                          | -                                          | 0                           | 21,004         |                          |                    | 1,685          |                    | 19,319         |                    |
| 2/23/2018 | 411              | 0               | 194             | 0               | -              | 19,622                    | -                                          | -                                          | -                                          | 0                           | 20,227         | 148,877                  | 21,268             | 605            | 1,547              | 19,622         | 19,721             |
| 2/24/2018 | 0                | 0               | 0               | 0               | -              | 21,066                    | -                                          | -                                          | -                                          | 0                           | 21,066         |                          |                    | 0              |                    | 21,066         |                    |
| 2/25/2018 | 0                | 0               | 0               | 0               | -              | 21,066                    | -                                          | -                                          | -                                          | 0                           | 21,066         |                          |                    | 0              |                    | 21,066         |                    |
| 2/26/2018 | 1,380            | 1               | 615             | 0               | -              | 19,618                    | -                                          | -                                          | -                                          | 0                           | 21,614         |                          |                    | 1,996          |                    | 19,618         |                    |
| 2/27/2018 | 1,262            | 0               | 557             | 0               | -              | 19,510                    | -                                          | -                                          | -                                          | 0                           | 21,329         |                          |                    | 1,819          |                    | 19,510         |                    |
| 2/28/2018 | 1,215            | 0               | 605             | 0               | -              | 20,088                    | -                                          | -                                          | -                                          | 0                           | 21,908         |                          |                    | 1,820          |                    | 20,088         |                    |
| 3/1/2018  | 389              | 0               | 203             | 0               | 0              | 0                         | -                                          | -                                          | -                                          | 0                           | 592            |                          |                    | 592            |                    | 0              |                    |
| 3/2/2018  | 0                | 0               | 0               | 0               | 0              | 16,899                    | -                                          | -                                          | -                                          | 0                           | 16,899         | 124,474                  | 17,782             | 0              | 890                | 16,899         | 16,892             |
| 3/3/2018  | 0                | 0               | 0               | 0               | 0              | 6,381                     | -                                          | -                                          | -                                          | 0                           | 6,381          |                          |                    | 0              |                    | 6,381          |                    |
| 3/4/2018  | 0                | 0               | 0               | 0               | 0              | 6,381                     | -                                          | -                                          | -                                          | 0                           | 6,381          |                          |                    | 0              |                    | 6,381          |                    |
| 3/5/2018  | 0                | 0               | 0               | 0               | 0              | 0                         | -                                          | -                                          | -                                          | 0                           | 0              |                          |                    | 0              |                    | 0              |                    |
| 3/6/2018  | 0                | 0               | 0               | 0               | 0              | 5,310                     | -                                          | -                                          | -                                          | 0                           | 5,310          |                          |                    | 0              |                    | 5,310          |                    |
| 3/7/2018  | 0                | 0               | 0               | 0               | 0              | 19,103                    | -                                          | -                                          | -                                          | 0                           | 19,103         |                          |                    | 0              |                    | 19,103         |                    |
| 3/8/2018  | 1,454            | 0               | 487             | 0               | 0              | 19,989                    | -                                          | -                                          | -                                          | 0                           | 21,930         |                          |                    | 1,941          |                    | 19,989         |                    |
| 3/9/2018  | 1,418            | 0               | 586             | 0               | 0              | 19,157                    | -                                          | -                                          | -                                          | 0                           | 21,161         | 80,266                   | 11,467             | 2,004          | 564                | 19,157         | 10,903             |
| 3/10/2018 | 1,256            | 0               | 567             | 0               | 0              | 19,402                    | -                                          | -                                          | -                                          | 0                           | 21,225         |                          |                    | 1,823          |                    | 19,402         |                    |
| 3/11/2018 | 1,256            | 0               | 567             | 0               | 0              | 19,402                    | -                                          | -                                          | -                                          | 0                           | 21,225         |                          |                    | 1,823          |                    | 19,402         |                    |
| 3/12/2018 | 1,175            | 0               | 541             | 0               | 0              | 19,105                    | -                                          | -                                          | -                                          | 0                           | 20,821         |                          |                    | 1,716          |                    | 19,105         |                    |
| 3/13/2018 | 1,146            | 0               | 503             | 0               | 0              | 17,536                    | -                                          | -                                          | -                                          | 0                           | 19,185         |                          |                    | 1,649          |                    | 17,536         |                    |
| 3/14/2018 | 1,131            | 0               | 490             | 0               | 0              | 17,327                    | -                                          | -                                          | -                                          | 0                           | 18,948         |                          |                    | 1,621          |                    | 17,327         |                    |
| 3/15/2018 | 1,224            | 79              | 501             | 0               | 0              | 17,113                    | -                                          | -                                          | -                                          | 0                           | 18,917         |                          |                    | 1,804          |                    | 17,113         |                    |
| 3/16/2018 | 1,036            | 479             | 505             | 0               | 0              | 0                         | -                                          | -                                          | -                                          | 0                           | 2,020          | 122,341                  | 17,477             | 2,020          | 1,779              | 0              | 15,698             |
| 3/17/2018 | 1,058            | 490             | 512             | 0               | 0              | 17,782                    | -                                          | -                                          | -                                          | 0                           | 19,842         |                          |                    | 2,060          |                    | 17,782         |                    |
| 3/18/2018 | 1,058            | 490             | 512             | 0               | 0              | 17,782                    | -                                          | -                                          | -                                          | 0                           | 19,842         |                          |                    | 2,060          |                    | 17,782         |                    |
| 3/19/2018 | 1,126            | 488             | 528             | 0               | 0              | 0                         | -                                          | -                                          | -                                          | 0                           | 2,142          |                          |                    | 2,142          |                    | 0              |                    |

Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Dewatering Wells |                 |                 |                 | Pump Stations  |                           |                                            |                                            |                                            |                             | Total<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | DWs            |                    | PSs            |                    |
|-----------|------------------|-----------------|-----------------|-----------------|----------------|---------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-----------------------------|----------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | DW 1-1<br>(gal)  | DW 1-2<br>(gal) | DW 2-1<br>(gal) | DW 2-2<br>(gal) | TPS-2<br>(gal) | PS-2<br>(CO 2-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-4)<br>(gal) | Test Pump<br>Location<br>(CO 3-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-2)<br>(gal) | TPS-2B<br>(CO 2-2)<br>(gal) |                |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 3/20/2018 | 1,079            | 504             | 516             | 0               | 0              | 0                         | -                                          | -                                          | -                                          | 0                           | 2,099          |                          |                    | 2,099          |                    | 0              |                    |
| 3/21/2018 | 1,024            | 482             | 462             | 0               | 0              | 16,306                    | -                                          | -                                          | -                                          | 0                           | 18,274         |                          |                    | 1,968          |                    | 16,306         |                    |
| 3/22/2018 | 935              | 462             | 418             | 0               | 0              | 14,633                    | -                                          | -                                          | -                                          | 0                           | 16,448         |                          |                    | 1,815          |                    | 14,633         |                    |
| 3/23/2018 | 938              | 435             | 414             | 0               | 0              | 15,060                    | -                                          | -                                          | -                                          | 0                           | 16,847         | 95,494                   | 13,642             | 1,787          | 1,990              | 15,060         | 11,652             |
| 3/24/2018 | 859              | 536             | 436             | 0               | 0              | 16,142                    | -                                          | -                                          | -                                          | 0                           | 17,973         |                          |                    | 1,831          |                    | 16,142         |                    |
| 3/25/2018 | 859              | 536             | 436             | 0               | 0              | 16,142                    | -                                          | -                                          | -                                          | 0                           | 17,973         |                          |                    | 1,831          |                    | 16,142         |                    |
| 3/26/2018 | 776              | 646             | 428             | 0               | 0              | 15,279                    | -                                          | -                                          | -                                          | 0                           | 17,129         |                          |                    | 1,850          |                    | 15,279         |                    |
| 3/27/2018 | 650              | 382             | 315             | 1               | 0              | 15,374                    | -                                          | -                                          | -                                          | 0                           | 16,722         |                          |                    | 1,348          |                    | 15,374         |                    |
| 3/28/2018 | 867              | 732             | 431             | 0               | 0              | 15,934                    | -                                          | -                                          | -                                          | 0                           | 17,964         |                          |                    | 2,030          |                    | 15,934         |                    |
| 3/29/2018 | 230              | 94              | 68              | 0               | 0              | 17,384                    | -                                          | -                                          | -                                          | 0                           | 17,776         |                          |                    | 392            |                    | 17,384         |                    |
| 3/30/2018 | 478              | 1               | 120             | 18              | 0              | 13,349                    | -                                          | -                                          | -                                          | 0                           | 13,966         | 119,503                  | 17,072             | 617            | 1,414              | 13,349         | 15,658             |
| 3/31/2018 | 350              | 0               | 123             | 0               | 0              | 16,726                    | -                                          | -                                          | -                                          | 0                           | 17,199         |                          |                    | 473            |                    | 16,726         |                    |
| 4/1/2018  | 350              | 0               | 123             | 0               | 0              | 16,726                    | -                                          | -                                          | -                                          | 0                           | 17,199         |                          |                    | 473            |                    | 16,726         |                    |
| 4/2/2018  | 780              | 0               | 177             | 36              | 0              | 16,355                    | -                                          | -                                          | -                                          | 0                           | 17,348         |                          |                    | 993            |                    | 16,355         |                    |
| 4/3/2018  | 0                | 0               | 0               | 0               | 0              | 16,790                    | -                                          | -                                          | -                                          | 0                           | 16,790         |                          |                    | 0              |                    | 16,790         |                    |
| 4/4/2018  | 1,128            | 104             | 312             | 1               | 0              | 16,203                    | -                                          | -                                          | -                                          | 0                           | 17,748         |                          |                    | 1,545          |                    | 16,203         |                    |
| 4/5/2018  | 683              | 0               | 252             | 0               | 0              | 22,038                    | -                                          | -                                          | -                                          | 0                           | 22,973         |                          |                    | 935            |                    | 22,038         |                    |
| 4/6/2018  | 1,042            | 0               | 355             | 0               | 0              | 21,466                    | -                                          | -                                          | -                                          | 0                           | 22,863         | 132,120                  | 18,874             | 1,397          | 831                | 21,466         | 18,043             |
| 4/7/2018  | 96               | 1               | 31              | 0               | 0              | 20,885                    | -                                          | -                                          | -                                          | 0                           | 21,013         |                          |                    | 128            |                    | 20,885         |                    |
| 4/8/2018  | 96               | 1               | 31              | 0               | 0              | 20,885                    | -                                          | -                                          | -                                          | 0                           | 21,013         |                          |                    | 128            |                    | 20,885         |                    |
| 4/9/2018  | 795              | 3               | 243             | 1               | 0              | 16,930                    | -                                          | -                                          | -                                          | 0                           | 17,972         |                          |                    | 1,042          |                    | 16,930         |                    |
| 4/10/2018 | 1,247            | 3               | 311             | 0               | 0              | 19,720                    | -                                          | -                                          | -                                          | 0                           | 21,281         |                          |                    | 1,561          |                    | 19,720         |                    |
| 4/11/2018 | 707              | 58              | 329             | 0               | 0              | 18,269                    | -                                          | -                                          | -                                          | 0                           | 19,363         |                          |                    | 1,094          |                    | 18,269         |                    |
| 4/12/2018 | 593              | 0               | 220             | 0               | 0              | 16,623                    | -                                          | -                                          | -                                          | 0                           | 17,436         |                          |                    | 813            |                    | 16,623         |                    |
| 4/13/2018 | 237              | 0               | 52              | 1               | 0              | 21,729                    | -                                          | -                                          | -                                          | 0                           | 22,019         | 140,097                  | 20,014             | 290            | 722                | 21,729         | 19,292             |
| 4/14/2018 | 0                | 0               | 127             | 0               | 0              | 24,348                    | -                                          | -                                          | -                                          | 0                           | 24,475         |                          |                    | 127            |                    | 24,348         |                    |
| 4/15/2018 | 0                | 0               | 127             | 0               | 0              | 24,348                    | -                                          | -                                          | -                                          | 0                           | 24,475         |                          |                    | 127            |                    | 24,348         |                    |
| 4/16/2018 | 1,431            | 1               | 625             | 0               | 0              | 21,975                    | -                                          | -                                          | -                                          | 0                           | 24,032         |                          |                    | 2,057          |                    | 21,975         |                    |
| 4/17/2018 | 1,272            | 0               | 356             | 0               | 0              | 23,354                    | -                                          | -                                          | -                                          | 0                           | 24,982         |                          |                    | 1,628          |                    | 23,354         |                    |
| 4/18/2018 | 1,423            | 0               | 662             | 0               | 0              | 20,684                    | -                                          | -                                          | -                                          | 0                           | 22,769         |                          |                    | 2,085          |                    | 20,684         |                    |
| 4/19/2018 | 1,742            | 0               | 770             | 0               | 0              | 22,220                    | -                                          | -                                          | -                                          | 0                           | 24,732         |                          |                    | 2,512          |                    | 22,220         |                    |
| 4/20/2018 | 580              | 0               | 308             | 0               | 0              | 21,964                    | -                                          | -                                          | -                                          | 0                           | 22,852         | 168,317                  | 24,045             | 888            | 1,346              | 21,964         | 22,699             |
| 4/21/2018 | 0                | 0               | 156             | 0               | 0              | 21,988                    | -                                          | -                                          | -                                          | 0                           | 22,144         |                          |                    | 156            |                    | 21,988         |                    |
| 4/22/2018 | 0                | 0               | 156             | 0               | 0              | 21,988                    | -                                          | -                                          | -                                          | 0                           | 22,144         |                          |                    | 156            |                    | 21,988         |                    |
| 4/23/2018 | 0                | 0               | 281             | 0               | 0              | 22,207                    | -                                          | -                                          | -                                          | 0                           | 22,488         |                          |                    | 281            |                    | 22,207         |                    |
| 4/24/2018 | 1                | 1,017           | 351             | 0               | 0              | 22,164                    | -                                          | -                                          | -                                          | 0                           | 23,533         |                          |                    | 1,369          |                    | 22,164         |                    |
| 4/25/2018 | 0                | 921             | 431             | 0               | 0              | 23,089                    | -                                          | -                                          | -                                          | 0                           | 24,441         |                          |                    | 1,352          |                    | 23,089         |                    |
| 4/26/2018 | 0                | 788             | 375             | 0               | 0              | 14,115                    | -                                          | -                                          | -                                          | 0                           | 15,278         |                          |                    | 1,163          |                    | 14,115         |                    |
| 4/27/2018 | 0                | 431             | 246             | 0               | 0              | 8,738                     | -                                          | -                                          | -                                          | 0                           | 9,415          | 139,443                  | 19,920             | 677            | 736                | 8,738          | 19,184             |
| 4/28/2018 | 0                | 519             | 190             | 0               | 0              | 22,524                    | -                                          | -                                          | -                                          | 0                           | 23,233         |                          |                    | 709            |                    | 22,524         |                    |
| 4/29/2018 | 0                | 519             | 190             | 0               | 0              | 22,524                    | -                                          | -                                          | -                                          | 0                           | 23,233         |                          |                    | 709            |                    | 22,524         |                    |
| 4/30/2018 | 0                | 886             | 306             | 0               | 0              | 20,393                    | -                                          | -                                          | -                                          | 0                           | 21,585         |                          |                    | 1,192          |                    | 20,393         |                    |
| 5/1/2018  | 0                | 617             | 312             | 0               | -              | 19,951                    | -                                          | -                                          | -                                          | -                           | 20,880         |                          |                    | 929            |                    | 19,951         |                    |
| 5/2/2018  | 0                | 727             | 367             | 0               | -              | 19,861                    | -                                          | -                                          | -                                          | -                           | 20,955         |                          |                    | 1,094          |                    | 19,861         |                    |
| 5/3/2018  | 0                | 1,225           | 420             | 0               | -              | 18,628                    | -                                          | -                                          | -                                          | -                           | 20,273         |                          |                    | 1,645          |                    | 18,628         |                    |
| 5/4/2018  | 0                | 478             | 392             | 0               | -              | 20,127                    | -                                          | -                                          | -                                          | -                           | 20,997         | 151,156                  | 21,594             | 870            | 1,021              | 20,127         | 20,573             |
| 5/5/2018  | 0                | 0               | 0               | 0               | -              | 20,714                    | -                                          | -                                          | -                                          | -                           | 20,714         |                          |                    | 0              |                    | 20,714         |                    |
| 5/6/2018  | 0                | 0               | 0               | 0               | -              | 20,714                    | -                                          | -                                          | -                                          | -                           | 20,714         |                          |                    | 0              |                    | 20,714         |                    |
| 5/7/2018  | 0                | 0               | 0               | 0               | -              | 20,113                    | -                                          | -                                          | -                                          | -                           | 20,113         |                          |                    | 0              |                    | 20,113         |                    |
| 5/8/2018  | 0                | 1,508           | 454             | 0               | -              | 18,228                    | -                                          | -                                          | -                                          | -                           | 20,190         |                          |                    | 1,962          |                    | 18,228         |                    |
| 5/9/2018  | 0                | 1,277           | 456             | 0               | -              | 17,728                    | -                                          | -                                          | -                                          | -                           | 19,461         |                          |                    | 1,733          |                    | 17,728         |                    |
| 5/10/2018 | 0                | 1,131           | 401             | 0               | -              | 18,259                    | -                                          | -                                          | -                                          | -                           | 19,791         |                          |                    | 1,532          |                    | 18,259         |                    |
| 5/11/2018 | 0                | 0               | 0               | 0               | -              | 0                         | -                                          | -                                          | -                                          | -                           | 0              | 120,983                  | 17,283             | 0              | 747                | 0              | 16,537             |
| 5/12/2018 | 810              | 639             | 544             | 0               | -              | 27,212                    | -                                          | -                                          | -                                          | -                           | 29,205         |                          |                    | 1,993          |                    | 27,212         |                    |
| 5/13/2018 | 810              | 639             | 544             | 0               | -              | 27,212                    | -                                          | -                                          | -                                          | -                           | 29,205         |                          |                    | 1,993          |                    | 27,212         |                    |
| 5/14/2018 | 870              | 447             | 388             | 0               | -              | 12,830                    | -                                          | -                                          | -                                          | -                           | 14,535         |                          |                    | 1,705          |                    | 12,830         |                    |
| 5/15/2018 | 735              | 715             | 376             | 0               | -              | 0                         | -                                          | -                                          | -                                          | -                           | 1,826          |                          |                    | 1,826          |                    | 0              |                    |
| 5/16/2018 | 722              | 849             | 397             | 0               | -              | 13,813                    | -                                          | -                                          | -                                          | -                           | 15,781         |                          |                    | 1,968          |                    | 13,813         |                    |
| 5/17/2018 | 793              | 766             | 396             | 0               | -              | 21,514                    | -                                          | -                                          | -                                          | -                           | 23,469         |                          |                    | 1,955          |                    | 21,514         |                    |
| 5/18/2018 | 761              | 737             | 398             | 0               | -              | 21,778                    | -                                          | -                                          | -                                          | -                           | 23,674         | 137,695                  | 19,671             | 1,896          | 1,905              | 21,778         | 17,766             |
| 5/19/2018 | 761              | 604             | 515             | 0               | -              | 21,111                    | -                                          | -                                          | -                                          | -                           | 22,991         |                          |                    | 1,880          |                    | 21,111         |                    |
| 5/20/2018 | 761              | 604             | 515             | 0               | -              | 21,111                    | -                                          | -                                          | -                                          | -                           | 22,991         |                          |                    | 1,880          |                    | 21,111         |                    |
| 5/21/2018 | 826              | 668             | 448             | 0               | -              | 16,200                    | -                                          | -                                          | -                                          | -                           | 18,142         |                          |                    | 1,942          |                    | 16,200         |                    |
| 5/22/2018 | 875              | 682             | 396             | 0               | -              | 23,595                    | -                                          | -                                          | -                                          | -                           | 25,548         |                          |                    | 1,953          |                    | 23,595         |                    |
| 5/23/2018 | 841              | 637             | 348             | 0               | -              | 21,146                    | -                                          | -                                          | -                                          | -                           | 22,972         |                          |                    | 1,826          |                    | 21,146         |                    |
| 5/24/2018 | 930              | 684             | 334             | 0               | -              | 20,602                    | -                                          | -                                          | -                                          | -                           | 22,550         |                          |                    | 1,948          |                    | 20,602         |                    |

Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Dewatering Wells |        |        |        | Pump Stations |                  |                                   |                                   |                                   |                    | Total  | WEEKLY  |           | DWs   |           | PSs    |           |
|-----------|------------------|--------|--------|--------|---------------|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|--------|---------|-----------|-------|-----------|--------|-----------|
|           | DW 1-1           | DW 1-2 | DW 2-1 | DW 2-2 | TPS-2         | PS-2<br>(CO 2-1) | Test Pump<br>Location<br>(CO 2-4) | Test Pump<br>Location<br>(CO 3-1) | Test Pump<br>Location<br>(CO 2-2) | TPS-2B<br>(CO 2-2) |        | TOTAL   | Daily Avg | Total | Daily Avg | Total  | Daily Avg |
|           | (gal)            | (gal)  | (gal)  | (gal)  | (gal)         | (gal)            | (gal)                             | (gal)                             | (gal)                             | (gal)              | (gpd)  | (gal)   | (gpd)     | (gal) | (gpd)     | (gal)  | (gpd)     |
| 5/25/2018 | 983              | 718    | 351    | 0      | -             | 20,814           | -                                 | -                                 | -                                 | -                  | 22,866 | 158,060 | 22,580    | 2,052 | 1,926     | 20,814 | 20,654    |
| 5/26/2018 | 1,026            | 767    | 407    | 0      | -             | 21,195           | -                                 | -                                 | -                                 | -                  | 23,395 |         |           | 2,200 |           | 21,195 |           |
| 5/27/2018 | 1,026            | 767    | 407    | 0      | -             | 21,195           | -                                 | -                                 | -                                 | -                  | 23,395 |         |           | 2,200 |           | 21,195 |           |
| 5/28/2018 | 1,036            | 730    | 371    | 0      | -             | 21,024           | -                                 | -                                 | -                                 | -                  | 23,161 |         |           | 2,137 |           | 21,024 |           |
| 5/29/2018 | 1,093            | 666    | 355    | 0      | -             | 19,642           | -                                 | -                                 | -                                 | -                  | 21,756 |         |           | 2,114 |           | 19,642 |           |
| 5/30/2018 | 1,153            | 659    | 432    | 0      | -             | 19,498           | -                                 | -                                 | -                                 | -                  | 21,742 |         |           | 2,244 |           | 19,498 |           |
| 5/31/2018 | 1,191            | 662    | 413    | 0      | -             | 19,491           | -                                 | -                                 | -                                 | -                  | 21,757 |         |           | 2,266 |           | 19,491 |           |
| 6/1/2018  | 1,201            | 688    | 396    | 0      | -             | 20,857           | -                                 | -                                 | -                                 | -                  | 23,142 | 158,348 | 22,621    | 2,285 | 2,207     | 20,857 | 20,415    |
| 6/2/2018  | 1,153            | 683    | 379    | 0      | -             | 19,874           | -                                 | -                                 | -                                 | -                  | 22,089 |         |           | 2,215 |           | 19,874 |           |
| 6/3/2018  | 1,153            | 683    | 379    | 0      | -             | 19,874           | -                                 | -                                 | -                                 | -                  | 22,089 |         |           | 2,215 |           | 19,874 |           |
| 6/4/2018  | 1,045            | 644    | 370    | 0      | -             | 19,505           | -                                 | -                                 | -                                 | -                  | 21,564 |         |           | 2,059 |           | 19,505 |           |
| 6/5/2018  | 1,117            | 718    | 389    | 0      | -             | 19,471           | -                                 | -                                 | -                                 | -                  | 21,695 |         |           | 2,224 |           | 19,471 |           |
| 6/6/2018  | 1,115            | 694    | 390    | 0      | -             | 18,961           | -                                 | -                                 | -                                 | -                  | 21,160 |         |           | 2,199 |           | 18,961 |           |
| 6/7/2018  | 1,163            | 645    | 365    | 0      | -             | 9,022            | -                                 | -                                 | -                                 | -                  | 11,195 |         |           | 2,173 |           | 9,022  |           |
| 6/8/2018  | 1,176            | 601    | 367    | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 2,144  | 121,936 | 17,419    | 2,144 | 2,176     | 0      | 15,244    |
| 6/9/2018  | 1,209            | 579    | 357    | 0      | -             | 15,401           | -                                 | -                                 | -                                 | -                  | 17,546 |         |           | 2,145 |           | 15,401 |           |
| 6/10/2018 | 1,209            | 579    | 357    | 0      | -             | 15,401           | -                                 | -                                 | -                                 | -                  | 17,546 |         |           | 2,145 |           | 15,401 |           |
| 6/11/2018 | 1,035            | 613    | 373    | 0      | -             | 17,909           | -                                 | -                                 | -                                 | -                  | 19,930 |         |           | 2,021 |           | 17,909 |           |
| 6/12/2018 | 1,013            | 560    | 358    | 0      | -             | 17,269           | -                                 | -                                 | -                                 | -                  | 19,200 |         |           | 1,931 |           | 17,269 |           |
| 6/13/2018 | 1,041            | 545    | 368    | 0      | -             | 18,601           | -                                 | -                                 | -                                 | -                  | 20,555 |         |           | 1,954 |           | 18,601 |           |
| 6/14/2018 | 2,284            | 1,167  | 724    | 0      | -             | 32,082           | -                                 | -                                 | -                                 | -                  | 36,257 |         |           | 4,175 |           | 32,082 |           |
| 6/15/2018 | 0                | 0      | 0      | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 0      | 131,034 | 18,719    | 0     | 2,053     | 0      | 16,666    |
| 6/16/2018 | 1,288            | 581    | 354    | 0      | -             | 16,931           | -                                 | -                                 | -                                 | -                  | 19,154 |         |           | 2,223 |           | 16,931 |           |
| 6/17/2018 | 1,288            | 581    | 354    | 0      | -             | 16,931           | -                                 | -                                 | -                                 | -                  | 19,154 |         |           | 2,223 |           | 16,931 |           |
| 6/18/2018 | 1,377            | 632    | 344    | 0      | -             | 17,845           | -                                 | -                                 | -                                 | -                  | 20,198 |         |           | 2,353 |           | 17,845 |           |
| 6/19/2018 | 2,126            | 711    | 360    | 0      | -             | 18,462           | -                                 | -                                 | -                                 | -                  | 21,659 |         |           | 3,197 |           | 18,462 |           |
| 6/20/2018 | 1,373            | 682    | 347    | 0      | -             | 18,500           | -                                 | -                                 | -                                 | -                  | 20,902 |         |           | 2,402 |           | 18,500 |           |
| 6/21/2018 | 1,359            | 711    | 347    | 0      | -             | 18,901           | -                                 | -                                 | -                                 | -                  | 21,318 |         |           | 2,417 |           | 18,901 |           |
| 6/22/2018 | 2,531            | 755    | 337    | 0      | -             | 1,925            | -                                 | -                                 | -                                 | -                  | 5,548  | 127,933 | 18,276    | 3,623 | 2,634     | 1,925  | 15,642    |
| 6/23/2018 | 1,286            | 856    | 336    | 0      | -             | 19,455           | -                                 | -                                 | -                                 | -                  | 21,933 |         |           | 2,478 |           | 19,455 |           |
| 6/24/2018 | 1,286            | 856    | 336    | 0      | -             | 19,455           | -                                 | -                                 | -                                 | -                  | 21,933 |         |           | 2,478 |           | 19,455 |           |
| 6/25/2018 | 0                | 848    | 336    | 0      | -             | 19,874           | -                                 | -                                 | -                                 | -                  | 21,058 |         |           | 1,184 |           | 19,874 |           |
| 6/26/2018 | 0                | 876    | 343    | 0      | -             | 19,839           | -                                 | -                                 | -                                 | -                  | 21,058 |         |           | 1,219 |           | 19,839 |           |
| 6/27/2018 | 0                | 880    | 353    | 0      | -             | 20,127           | -                                 | -                                 | -                                 | -                  | 21,360 |         |           | 1,233 |           | 20,127 |           |
| 6/28/2018 | 0                | 900    | 351    | 0      | -             | 12,320           | -                                 | -                                 | -                                 | -                  | 13,571 |         |           | 1,251 |           | 12,320 |           |
| 6/29/2018 | 0                | 853    | 353    | 0      | -             | 22,990           | -                                 | -                                 | -                                 | -                  | 24,196 | 145,109 | 20,730    | 1,206 | 1,578     | 22,990 | 19,151    |
| 6/30/2018 | 0                | 880    | 392    | 8      | -             | 22,198           | -                                 | -                                 | -                                 | -                  | 23,478 |         |           | 1,280 |           | 22,198 |           |
| 7/1/2018  | 0                | 880    | 392    | 0      | -             | 22,205           | -                                 | -                                 | -                                 | -                  | 23,477 |         |           | 1,272 |           | 22,205 |           |
| 7/2/2018  | 0                | 847    | 422    | 0      | -             | 22,707           | -                                 | -                                 | -                                 | -                  | 23,976 |         |           | 1,269 |           | 22,707 |           |
| 7/3/2018  | 0                | 672    | 396    | 0      | -             | 22,619           | -                                 | -                                 | -                                 | -                  | 23,687 |         |           | 1,068 |           | 22,619 |           |
| 7/4/2018  | 0                | 672    | 396    | 0      | -             | 22,619           | -                                 | -                                 | -                                 | -                  | 23,687 |         |           | 1,068 |           | 22,619 |           |
| 7/5/2018  | 0                | 658    | 334    | 0      | -             | 21,855           | -                                 | -                                 | -                                 | -                  | 22,847 |         |           | 992   |           | 21,855 |           |
| 7/6/2018  | 30               | 944    | 330    | 0      | -             | 23,304           | -                                 | -                                 | -                                 | -                  | 24,608 | 165,760 | 23,680    | 1,304 | 1,179     | 23,304 | 22,501    |
| 7/7/2018  | 0                | 922    | 331    | 0      | -             | 18,655           | -                                 | -                                 | -                                 | -                  | 19,908 |         |           | 1,253 |           | 18,655 |           |
| 7/8/2018  | 0                | 922    | 331    | 0      | -             | 18,655           | -                                 | -                                 | -                                 | -                  | 19,908 |         |           | 1,253 |           | 18,655 |           |
| 7/9/2018  | 0                | 896    | 336    | 0      | -             | 20,034           | -                                 | -                                 | -                                 | -                  | 21,266 |         |           | 1,232 |           | 20,034 |           |
| 7/10/2018 | 0                | 980    | 342    | 0      | -             | 25,047           | -                                 | -                                 | -                                 | -                  | 26,369 |         |           | 1,322 |           | 25,047 |           |
| 7/11/2018 | 0                | 973    | 344    | 0      | -             | 25,048           | -                                 | -                                 | -                                 | -                  | 26,365 |         |           | 1,317 |           | 25,048 |           |
| 7/12/2018 | 0                | 988    | 332    | 0      | -             | 23,315           | -                                 | -                                 | -                                 | -                  | 24,635 |         |           | 1,320 |           | 23,315 |           |
| 7/13/2018 | 0                | 969    | 330    | 0      | -             | 23,956           | -                                 | -                                 | -                                 | -                  | 25,255 | 163,706 | 23,387    | 1,299 | 1,285     | 23,956 | 22,101    |
| 7/14/2018 | 0                | 1,018  | 328    | 0      | -             | 19,307           | -                                 | -                                 | -                                 | -                  | 20,653 |         |           | 1,346 |           | 19,307 |           |
| 7/15/2018 | 0                | 1,018  | 328    | 0      | -             | 19,307           | -                                 | -                                 | -                                 | -                  | 20,653 |         |           | 1,346 |           | 19,307 |           |
| 7/16/2018 | 0                | 965    | 326    | 0      | -             | 1,041            | -                                 | -                                 | -                                 | -                  | 2,332  |         |           | 1,291 |           | 1,041  |           |
| 7/17/2018 | 0                | 980    | 338    | 0      | -             | 10,220           | -                                 | -                                 | -                                 | -                  | 11,538 |         |           | 1,318 |           | 10,220 |           |
| 7/18/2018 | 0                | 1,029  | 319    | 0      | -             | 27,068           | -                                 | -                                 | -                                 | -                  | 28,416 |         |           | 1,348 |           | 27,068 |           |
| 7/19/2018 | 0                | 1,073  | 329    | 0      | -             | 25,820           | -                                 | -                                 | -                                 | -                  | 27,222 |         |           | 1,402 |           | 25,820 |           |
| 7/20/2018 | 0                | 1,022  | 337    | 0      | -             | 25,903           | -                                 | -                                 | -                                 | -                  | 27,262 | 138,076 | 19,725    | 1,359 | 1,344     | 25,903 | 18,381    |
| 7/21/2018 | 0                | 994    | 332    | 0      | -             | 25,217           | -                                 | -                                 | -                                 | -                  | 26,543 |         |           | 1,326 |           | 25,217 |           |
| 7/22/2018 | 0                | 994    | 332    | 0      | -             | 25,217           | -                                 | -                                 | -                                 | -                  | 26,543 |         |           | 1,326 |           | 25,217 |           |
| 7/23/2018 | 0                | 1,001  | 410    | 0      | -             | 26,022           | -                                 | -                                 | -                                 | -                  | 27,433 |         |           | 1,411 |           | 26,022 |           |
| 7/24/2018 | 0                | 1,076  | 349    | 0      | -             | 25,900           | -                                 | -                                 | -                                 | -                  | 27,325 |         |           | 1,425 |           | 25,900 |           |
| 7/25/2018 | 0                | 1,047  | 342    | 0      | -             | 25,296           | -                                 | -                                 | -                                 | -                  | 26,685 |         |           | 1,389 |           | 25,296 |           |
| 7/26/2018 | 0                | 1,085  | 373    | 0      | -             | 25,331           | -                                 | -                                 | -                                 | -                  | 26,789 |         |           | 1,458 |           | 25,331 |           |
| 7/27/2018 | 0                | 1,134  | 338    | 0      | -             | 24,337           | -                                 | -                                 | -                                 | -                  | 25,809 | 187,127 | 26,732    | 1,472 | 1,401     | 24,337 | 25,331    |
| 7/28/2018 | 0                | 1,078  | 356    | 0      | -             | 12,791           | -                                 | -                                 | -                                 | -                  | 14,225 |         |           | 1,434 |           | 12,791 |           |
| 7/29/2018 | 0                | 1,078  | 356    | 0      | -             | 12,791           | -                                 | -                                 | -                                 | -                  | 14,225 |         |           | 1,434 |           | 12,791 |           |

**Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill**

| DATE      | Dewatering Wells |        |        |        | Pump Stations |                  |                                   |                                   |                                   |                    | Total  | WEEKLY<br>TOTAL | Daily Avg | DWs   |           | PSs    |           |
|-----------|------------------|--------|--------|--------|---------------|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|--------|-----------------|-----------|-------|-----------|--------|-----------|
|           | DW 1-1           | DW 1-2 | DW 2-1 | DW 2-2 | TPS-2         | PS-2<br>(CO 2-1) | Test Pump<br>Location<br>(CO 2-4) | Test Pump<br>Location<br>(CO 3-1) | Test Pump<br>Location<br>(CO 2-2) | TPS-2B<br>(CO 2-2) |        |                 |           | Total | Daily Avg | Total  | Daily Avg |
|           | (gal)            | (gal)  | (gal)  | (gal)  | (gal)         | (gal)            | (gal)                             | (gal)                             | (gal)                             | (gal)              | (gpd)  | (gal)           | (gpd)     | (gal) | (gpd)     | (gal)  | (gpd)     |
| 7/30/2018 | 0                | 1,132  | 347    | 0      | -             | 26,035           | -                                 | -                                 | -                                 | -                  | 27,514 |                 |           | 1,479 |           | 26,035 |           |
| 7/31/2018 | 0                | 1,145  | 362    | 0      | -             | 30,232           | -                                 | -                                 | -                                 | -                  | 31,739 |                 |           | 1,507 |           | 30,232 |           |
| 8/1/2018  | 0                | 1,114  | 368    | 0      | -             | 29,776           | -                                 | -                                 | -                                 | -                  | 31,258 |                 |           | 1,482 |           | 29,776 |           |
| 8/2/2018  | 0                | 1,109  | 455    | 0      | -             | 29,743           | -                                 | -                                 | -                                 | -                  | 31,307 |                 |           | 1,564 |           | 29,743 |           |
| 8/3/2018  | 0                | 1,139  | 379    | 0      | -             | 30,724           | -                                 | -                                 | -                                 | -                  | 32,242 | 182,510         | 26,073    | 1,518 | 1,488     | 30,724 | 24,585    |
| 8/4/2018  | 0                | 1,220  | 328    | 0      | -             | 32,763           | -                                 | -                                 | -                                 | -                  | 34,311 |                 |           | 1,548 |           | 32,763 |           |
| 8/5/2018  | 0                | 1,234  | 315    | 0      | -             | 33,237           | -                                 | -                                 | -                                 | -                  | 34,786 |                 |           | 1,549 |           | 33,237 |           |
| 8/6/2018  | 0                | 1,387  | 321    | 0      | -             | 34,071           | -                                 | -                                 | -                                 | -                  | 35,779 |                 |           | 1,708 |           | 34,071 |           |
| 8/7/2018  | 0                | 1,368  | 317    | 0      | -             | 34,060           | -                                 | -                                 | -                                 | -                  | 35,745 |                 |           | 1,685 |           | 34,060 |           |
| 8/8/2018  | 0                | 1,392  | 324    | 0      | -             | 34,422           | -                                 | -                                 | -                                 | -                  | 36,138 |                 |           | 1,716 |           | 34,422 |           |
| 8/9/2018  | 0                | 1,415  | 328    | 0      | -             | 33,786           | -                                 | -                                 | -                                 | -                  | 35,529 |                 |           | 1,743 |           | 33,786 |           |
| 8/10/2018 | 0                | 1,460  | 327    | 0      | -             | 34,917           | -                                 | -                                 | -                                 | -                  | 36,704 | 248,992         | 35,570    | 1,787 | 1,677     | 34,917 | 33,894    |
| 8/11/2018 | 0                | 1,539  | 358    | 0      | -             | 34,383           | -                                 | -                                 | -                                 | -                  | 36,280 |                 |           | 1,897 |           | 34,383 |           |
| 8/12/2018 | 0                | 1,511  | 342    | 0      | -             | 34,897           | -                                 | -                                 | -                                 | -                  | 36,750 |                 |           | 1,853 |           | 34,897 |           |
| 8/13/2018 | 0                | 1,548  | 341    | 0      | -             | 35,147           | -                                 | -                                 | -                                 | -                  | 37,036 |                 |           | 1,889 |           | 35,147 |           |
| 8/14/2018 | 0                | 1,635  | 348    | 0      | -             | 34,032           | -                                 | -                                 | -                                 | -                  | 36,015 |                 |           | 1,983 |           | 34,032 |           |
| 8/15/2018 | 0                | 1,627  | 338    | 0      | -             | 34,586           | -                                 | -                                 | -                                 | -                  | 36,551 |                 |           | 1,965 |           | 34,586 |           |
| 8/16/2018 | 0                | 1,638  | 343    | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 1,981  |                 |           | 1,981 |           | 0      |           |
| 8/17/2018 | 0                | 1,615  | 338    | 0      | -             | 34,291           | -                                 | -                                 | -                                 | -                  | 36,244 | 220,857         | 31,551    | 1,953 | 1,932     | 34,291 | 29,619    |
| 8/18/2018 | 0                | 1,436  | 353    | 0      | -             | 34,781           | -                                 | -                                 | -                                 | -                  | 36,570 |                 |           | 1,789 |           | 34,781 |           |
| 8/19/2018 | 0                | 1,385  | 362    | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 1,747  |                 |           | 1,747 |           | 0      |           |
| 8/20/2018 | 0                | 1,296  | 355    | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 1,651  |                 |           | 1,651 |           | 0      |           |
| 8/21/2018 | 0                | 1,496  | 367    | 0      | -             | 35,677           | -                                 | -                                 | -                                 | -                  | 37,540 |                 |           | 1,863 |           | 35,677 |           |
| 8/22/2018 | 0                | 1,361  | 381    | 0      | -             | 35,826           | -                                 | -                                 | -                                 | -                  | 37,568 |                 |           | 1,742 |           | 35,826 |           |
| 8/23/2018 | 0                | 1,623  | 392    | 0      | -             | 35,720           | -                                 | -                                 | -                                 | -                  | 37,735 |                 |           | 2,015 |           | 35,720 |           |
| 8/24/2018 | 0                | 1,541  | 391    | 0      | -             | 37,136           | -                                 | -                                 | -                                 | -                  | 39,068 | 191,879         | 27,411    | 1,932 | 1,820     | 37,136 | 25,591    |
| 8/25/2018 | 0                | 1,377  | 361    | 0      | -             | 21,568           | -                                 | -                                 | -                                 | -                  | 23,306 |                 |           | 1,738 |           | 21,568 |           |
| 8/26/2018 | 102              | 1,140  | 357    | 0      | -             | 27,775           | -                                 | -                                 | -                                 | -                  | 29,374 |                 |           | 1,599 |           | 27,775 |           |
| 8/27/2018 | 718              | 1,124  | 420    | 0      | -             | 36,710           | -                                 | -                                 | -                                 | -                  | 38,972 |                 |           | 2,262 |           | 36,710 |           |
| 8/28/2018 | 727              | 1,270  | 419    | 0      | -             | 36,325           | -                                 | -                                 | -                                 | -                  | 38,741 |                 |           | 2,416 |           | 36,325 |           |
| 8/29/2018 | 656              | 1,182  | 439    | 0      | -             | 37,543           | -                                 | -                                 | -                                 | -                  | 39,820 |                 |           | 2,277 |           | 37,543 |           |
| 8/30/2018 | 663              | 1,339  | 466    | 0      | -             | 36,185           | -                                 | -                                 | -                                 | -                  | 38,653 |                 |           | 2,468 |           | 36,185 |           |
| 8/31/2018 | 663              | 1,471  | 447    | 0      | -             | 31,695           | -                                 | -                                 | -                                 | -                  | 34,276 | 243,142         | 34,735    | 2,581 | 2,192     | 31,695 | 32,543    |
| 9/1/2018  | 673              | 1,382  | 438    | 0      | -             | 16,870           | -                                 | -                                 | -                                 | -                  | 19,363 |                 |           | 2,493 |           | 16,870 |           |
| 9/2/2018  | 650              | 1,439  | 427    | 0      | -             | 40,488           | -                                 | -                                 | -                                 | -                  | 43,004 |                 |           | 2,516 |           | 40,488 |           |
| 9/3/2018  | 650              | 1,439  | 427    | 0      | -             | 40,488           | -                                 | -                                 | -                                 | -                  | 43,004 |                 |           | 2,516 |           | 40,488 |           |
| 9/4/2018  | 669              | 1,541  | 432    | 0      | -             | 39,270           | -                                 | -                                 | -                                 | -                  | 41,912 |                 |           | 2,642 |           | 39,270 |           |
| 9/5/2018  | 662              | 1,567  | 435    | 0      | -             | 39,505           | -                                 | -                                 | -                                 | -                  | 42,169 |                 |           | 2,664 |           | 39,505 |           |
| 9/6/2018  | 696              | 1,640  | 453    | 0      | -             | 39,724           | -                                 | -                                 | -                                 | -                  | 42,513 |                 |           | 2,789 |           | 39,724 |           |
| 9/7/2018  | 695              | 1,583  | 459    | 0      | -             | 39,808           | -                                 | -                                 | -                                 | -                  | 42,545 | 274,510         | 39,216    | 2,737 | 2,622     | 39,808 | 36,593    |
| 9/8/2018  | 650              | 1,599  | 477    | 0      | -             | 40,740           | -                                 | -                                 | -                                 | -                  | 43,466 |                 |           | 2,726 |           | 40,740 |           |
| 9/9/2018  | 691              | 1,638  | 495    | 0      | -             | 40,233           | -                                 | -                                 | -                                 | -                  | 43,057 |                 |           | 2,824 |           | 40,233 |           |
| 9/10/2018 | 680              | 1,637  | 480    | 0      | -             | 40,018           | -                                 | -                                 | -                                 | -                  | 42,815 |                 |           | 2,797 |           | 40,018 |           |
| 9/11/2018 | 683              | 1,732  | 505    | 0      | -             | 39,772           | -                                 | -                                 | -                                 | -                  | 42,692 |                 |           | 2,920 |           | 39,772 |           |
| 9/12/2018 | 670              | 1,895  | 503    | 0      | -             | 39,737           | -                                 | -                                 | -                                 | -                  | 42,805 |                 |           | 3,068 |           | 39,737 |           |
| 9/13/2018 | 700              | 1,897  | 529    | 0      | -             | 40,359           | -                                 | -                                 | -                                 | -                  | 43,485 |                 |           | 3,126 |           | 40,359 |           |
| 9/14/2018 | 678              | 1,663  | 522    | 0      | -             | 40,866           | -                                 | -                                 | -                                 | -                  | 43,729 | 302,049         | 43,150    | 2,863 | 2,903     | 40,866 | 40,246    |
| 9/15/2018 | 686              | 1,711  | 537    | 0      | -             | 41,478           | -                                 | -                                 | -                                 | -                  | 44,412 |                 |           | 2,934 |           | 41,478 |           |
| 9/16/2018 | 685              | 1,706  | 532    | 0      | -             | 7,325            | -                                 | -                                 | -                                 | -                  | 10,248 |                 |           | 2,923 |           | 7,325  |           |
| 9/17/2018 | 677              | 1,735  | 507    | 0      | -             | 48,404           | -                                 | -                                 | -                                 | -                  | 51,323 |                 |           | 2,919 |           | 48,404 |           |
| 9/18/2018 | 712              | 1,791  | 510    | 0      | -             | 43,251           | -                                 | -                                 | -                                 | -                  | 46,264 |                 |           | 3,013 |           | 43,251 |           |
| 9/19/2018 | 684              | 1,723  | 513    | 0      | -             | 10,761           | -                                 | -                                 | -                                 | -                  | 13,681 |                 |           | 2,920 |           | 10,761 |           |
| 9/20/2018 | 689              | 1,693  | 513    | 0      | -             | 44,207           | -                                 | -                                 | -                                 | -                  | 47,102 |                 |           | 2,895 |           | 44,207 |           |
| 9/21/2018 | 699              | 1,541  | 531    | 0      | -             | 41,115           | -                                 | -                                 | -                                 | -                  | 43,886 | 256,916         | 36,702    | 2,771 | 2,911     | 41,115 | 33,792    |
| 9/22/2018 | 779              | 1,225  | 529    | 0      | -             | 40,838           | -                                 | -                                 | -                                 | -                  | 43,371 |                 |           | 2,533 |           | 40,838 |           |
| 9/23/2018 | 765              | 1,529  | 546    | 0      | -             | 41,642           | -                                 | -                                 | -                                 | -                  | 44,482 |                 |           | 2,840 |           | 41,642 |           |
| 9/24/2018 | 696              | 1,644  | 531    | 0      | -             | 36,995           | -                                 | -                                 | -                                 | -                  | 39,866 |                 |           | 2,871 |           | 36,995 |           |
| 9/25/2018 | 704              | 1,679  | 525    | 0      | -             | 39,187           | -                                 | -                                 | -                                 | -                  | 42,095 |                 |           | 2,908 |           | 39,187 |           |
| 9/26/2018 | 715              | 1,951  | 546    | 0      | -             | 36,128           | -                                 | -                                 | -                                 | -                  | 39,340 |                 |           | 3,212 |           | 36,128 |           |
| 9/27/2018 | 733              | 1,922  | 556    | 0      | -             | 33,247           | -                                 | -                                 | -                                 | -                  | 36,458 |                 |           | 3,211 |           | 33,247 |           |
| 9/28/2018 | 730              | 1,822  | 543    | 0      | -             | 33,128           | -                                 | -                                 | -                                 | -                  | 36,223 | 281,835         | 40,262    | 3,095 | 2,953     | 33,128 | 37,309    |
| 9/29/2018 | 714              | 1,721  | 557    | 0      | -             | 28,480           | -                                 | -                                 | -                                 | -                  | 31,472 |                 |           | 2,992 |           | 28,480 |           |
| 9/30/2018 | 714              | 1,721  | 557    | 0      | -             | 28,480           | -                                 | -                                 | -                                 | -                  | 31,472 |                 |           | 2,992 |           | 28,480 |           |
| 10/1/2018 | 214              | 524    | 171    | 0      | -             | 29,244           | -                                 | -                                 | -                                 | -                  | 30,153 |                 |           | 909   |           | 29,244 |           |
| 10/2/2018 | 217              | 523    | 181    | 0      | -             | 28,554           | -                                 | -                                 | -                                 | -                  | 29,475 |                 |           | 921   |           | 28,554 |           |
| 10/3/2018 | 216              | 556    | 186    | 0      | -             | 27,868           | -                                 | -                                 | -                                 | -                  | 28,826 |                 |           | 958   |           | 27,868 |           |



Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE       | Dewatering Wells |        |        |        | Pump Stations |                  |                                   |                                   |                                   |                    | Total<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | DWs   |           | PSs    |           |
|------------|------------------|--------|--------|--------|---------------|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|----------------|--------------------------|--------------------|-------|-----------|--------|-----------|
|            | DW 1-1           | DW 1-2 | DW 2-1 | DW 2-2 | TPS-2         | PS-2<br>(CO 2-1) | Test Pump<br>Location<br>(CO 2-4) | Test Pump<br>Location<br>(CO 3-1) | Test Pump<br>Location<br>(CO 2-2) | TPS-2B<br>(CO 2-2) |                |                          |                    | Total | Daily Avg | Total  | Daily Avg |
|            | (gal)            | (gal)  | (gal)  | (gal)  | (gal)         | (gal)            | (gal)                             | (gal)                             | (gal)                             | (gal)              |                |                          |                    | (gal) | (gpd)     | (gal)  | (gpd)     |
| 10/4/2018  | 212              | 545    | 183    | 0      | -             | 28,639           | -                                 | -                                 | -                                 | -                  | 29,579         |                          |                    | 940   |           | 28,639 |           |
| 10/5/2018  | 210              | 586    | 186    | 0      | -             | 28,119           | -                                 | -                                 | -                                 | -                  | 29,101         | 210,078                  | 30,011             | 982   | 1,528     | 28,119 | 28,483    |
| 10/6/2018  | 214              | 611    | 191    | 0      | -             | 27,916           | -                                 | -                                 | -                                 | -                  | 28,932         |                          |                    | 1,016 |           | 27,916 |           |
| 10/7/2018  | 214              | 611    | 191    | 0      | -             | 27,916           | -                                 | -                                 | -                                 | -                  | 28,932         |                          |                    | 1,016 |           | 27,916 |           |
| 10/8/2018  | 220              | 577    | 199    | 0      | -             | 27,533           | -                                 | -                                 | -                                 | -                  | 28,529         |                          |                    | 996   |           | 27,533 |           |
| 10/9/2018  | 221              | 751    | 211    | 0      | -             | 27,337           | -                                 | -                                 | -                                 | -                  | 28,520         |                          |                    | 1,183 |           | 27,337 |           |
| 10/10/2018 | 228              | 718    | 216    | 0      | -             | 32,791           | -                                 | -                                 | -                                 | -                  | 33,953         |                          |                    | 1,162 |           | 32,791 |           |
| 10/11/2018 | 230              | 674    | 216    | 0      | -             | 31,402           | -                                 | -                                 | -                                 | -                  | 32,522         |                          |                    | 1,120 |           | 31,402 |           |
| 10/12/2018 | 238              | 696    | 218    | 0      | -             | 30,674           | -                                 | -                                 | -                                 | -                  | 31,826         | 213,214                  | 30,459             | 1,152 | 1,092     | 30,674 | 29,367    |
| 10/13/2018 | 236              | 712    | 214    | 0      | -             | 28,128           | -                                 | -                                 | -                                 | -                  | 29,290         |                          |                    | 1,162 |           | 28,128 |           |
| 10/14/2018 | 236              | 712    | 214    | 0      | -             | 28,128           | -                                 | -                                 | -                                 | -                  | 29,290         |                          |                    | 1,162 |           | 28,128 |           |
| 10/15/2018 | 236              | 704    | 212    | 0      | -             | 26,378           | -                                 | -                                 | -                                 | -                  | 27,530         |                          |                    | 1,152 |           | 26,378 |           |
| 10/16/2018 | 248              | 765    | 228    | 0      | -             | 4,122            | -                                 | -                                 | -                                 | -                  | 5,363          |                          |                    | 1,241 |           | 4,122  |           |
| 10/17/2018 | 237              | 732    | 224    | 0      | -             | 22,014           | -                                 | -                                 | -                                 | -                  | 23,207         |                          |                    | 1,193 |           | 22,014 |           |
| 10/18/2018 | 244              | 746    | 233    | 0      | -             | 26,986           | -                                 | -                                 | -                                 | -                  | 28,209         |                          |                    | 1,223 |           | 26,986 |           |
| 10/19/2018 | 241              | 752    | 237    | 0      | -             | 25,992           | -                                 | -                                 | -                                 | -                  | 27,222         | 170,111                  | 24,302             | 1,230 | 1,195     | 25,992 | 23,107    |
| 10/20/2018 | 251              | 747    | 251    | 0      | -             | 25,586           | -                                 | -                                 | -                                 | -                  | 26,835         |                          |                    | 1,249 |           | 25,586 |           |
| 10/21/2018 | 251              | 747    | 251    | 0      | -             | 25,586           | -                                 | -                                 | -                                 | -                  | 26,835         |                          |                    | 1,249 |           | 25,586 |           |
| 10/22/2018 | 254              | 710    | 251    | 0      | -             | 22,485           | -                                 | -                                 | -                                 | -                  | 23,700         |                          |                    | 1,215 |           | 22,485 |           |
| 10/23/2018 | 250              | 703    | 255    | 0      | -             | 22,172           | -                                 | -                                 | -                                 | -                  | 23,380         |                          |                    | 1,208 |           | 22,172 |           |
| 10/24/2018 | 252              | 730    | 264    | 0      | -             | 25,014           | -                                 | -                                 | -                                 | -                  | 26,260         |                          |                    | 1,246 |           | 25,014 |           |
| 10/25/2018 | 257              | 823    | 275    | 0      | -             | 24,335           | -                                 | -                                 | -                                 | -                  | 25,690         |                          |                    | 1,355 |           | 24,335 |           |
| 10/26/2018 | 262              | 912    | 285    | 0      | -             | 25,312           | -                                 | -                                 | -                                 | -                  | 26,771         | 179,471                  | 25,639             | 1,459 | 1,283     | 25,312 | 24,356    |
| 10/27/2018 | 278              | 756    | 282    | 0      | -             | 24,943           | -                                 | -                                 | -                                 | -                  | 26,259         |                          |                    | 1,316 |           | 24,943 |           |
| 10/28/2018 | 278              | 756    | 282    | 0      | -             | 24,943           | -                                 | -                                 | -                                 | -                  | 26,259         |                          |                    | 1,316 |           | 24,943 |           |
| 10/29/2018 | 292              | 796    | 308    | 0      | -             | -                | 10,288                            | -                                 | -                                 | -                  | 11,684         |                          |                    | 1,396 |           | 10,288 |           |
| 10/30/2018 | 267              | 762    | 277    | 0      | -             | -                | 13,347                            | -                                 | -                                 | -                  | 14,653         |                          |                    | 1,306 |           | 13,347 |           |
| 10/31/2018 | 270              | 868    | 286    | 0      | -             | -                | 21,450                            | -                                 | -                                 | -                  | 22,874         |                          |                    | 1,424 |           | 21,450 |           |
| 11/1/2018  | 440              | 1,511  | 504    | 0      | -             | -                | 24,520                            | -                                 | -                                 | -                  | 26,975         |                          |                    | 2,455 |           | 24,520 |           |
| 11/2/2018  | 428              | 1,404  | 490    | 0      | -             | -                | 24,907                            | -                                 | -                                 | -                  | 27,229         | 155,933                  | 22,276             | 2,322 | 1,648     | 24,907 | 20,628    |
| 11/3/2018  | 457              | 1,313  | 478    | 0      | -             | -                | 25,214                            | -                                 | -                                 | -                  | 27,462         |                          |                    | 2,248 |           | 25,214 |           |
| 11/4/2018  | 457              | 1,313  | 478    | 0      | -             | -                | 25,214                            | -                                 | -                                 | -                  | 27,462         |                          |                    | 2,248 |           | 25,214 |           |
| 11/5/2018  | 438              | 1,333  | 494    | 0      | -             | -                | 24,575                            | -                                 | -                                 | -                  | 26,840         |                          |                    | 2,265 |           | 24,575 |           |
| 11/6/2018  | 437              | 1,278  | 501    | 0      | -             | -                | 23,480                            | -                                 | -                                 | -                  | 25,696         |                          |                    | 2,216 |           | 23,480 |           |
| 11/7/2018  | 431              | 1,316  | 515    | 0      | -             | -                | 22,470                            | -                                 | -                                 | -                  | 24,732         |                          |                    | 2,262 |           | 22,470 |           |
| 11/8/2018  | 438              | 1,360  | 525    | 0      | -             | -                | 21,871                            | -                                 | -                                 | -                  | 24,194         |                          |                    | 2,323 |           | 21,871 |           |
| 11/9/2018  | 438              | 1,325  | 520    | 0      | -             | -                | 17,478                            | -                                 | -                                 | -                  | 19,761         | 176,147                  | 25,164             | 2,283 | 2,264     | 17,478 | 22,900    |
| 11/10/2018 | 440              | 1,249  | 960    | 0      | -             | -                | 15,251                            | -                                 | -                                 | -                  | 17,900         |                          |                    | 2,649 |           | 15,251 |           |
| 11/11/2018 | 440              | 1,249  | 590    | 0      | -             | -                | 15,251                            | -                                 | -                                 | -                  | 17,530         |                          |                    | 2,279 |           | 15,251 |           |
| 11/12/2018 | 455              | 1,238  | 492    | 0      | -             | -                | 16,956                            | -                                 | -                                 | -                  | 19,141         |                          |                    | 2,185 |           | 16,956 |           |
| 11/13/2018 | 455              | 1,112  | 467    | 0      | -             | -                | 14,943                            | -                                 | -                                 | -                  | 16,977         |                          |                    | 2,034 |           | 14,943 |           |
| 11/14/2018 | 459              | 1,190  | 483    | 0      | -             | -                | 22,219                            | -                                 | -                                 | -                  | 24,351         |                          |                    | 2,132 |           | 22,219 |           |
| 11/15/2018 | 447              | 1,060  | 470    | 0      | -             | -                | 20,308                            | -                                 | -                                 | -                  | 22,285         |                          |                    | 1,977 |           | 20,308 |           |
| 11/16/2018 | 98               | 236    | 101    | 0      | -             | -                | 22,362                            | -                                 | -                                 | -                  | 22,797         | 140,981                  | 20,140             | 435   | 1,956     | 22,362 | 18,184    |
| 11/17/2018 | 385              | 851    | 506    | 0      | -             | -                | 20,522                            | -                                 | -                                 | -                  | 22,264         |                          |                    | 1,742 |           | 20,522 |           |
| 11/18/2018 | 385              | 851    | 506    | 0      | -             | -                | 20,522                            | -                                 | -                                 | -                  | 22,264         |                          |                    | 1,742 |           | 20,522 |           |
| 11/19/2018 | 133              | 185    | 141    | 0      | -             | -                | 18,068                            | -                                 | -                                 | -                  | 18,527         |                          |                    | 459   |           | 18,068 |           |
| 11/20/2018 | 0                | 0      | 0      | 0      | -             | -                | 21,743                            | -                                 | -                                 | -                  | 21,743         |                          |                    | 0     |           | 21,743 |           |
| 11/21/2018 | 489              | 670    | 545    | 0      | -             | -                | 19,854                            | -                                 | -                                 | -                  | 21,558         |                          |                    | 1,704 |           | 19,854 |           |
| 11/22/2018 | 489              | 670    | 545    | 0      | -             | -                | 19,854                            | -                                 | -                                 | -                  | 21,558         |                          |                    | 1,704 |           | 19,854 |           |
| 11/23/2018 | 531              | 664    | 552    | 0      | -             | -                | 20,447                            | -                                 | -                                 | -                  | 22,194         | 150,108                  | 21,444             | 1,747 | 1,300     | 20,447 | 20,144    |
| 11/24/2018 | 453              | 579    | 452    | 0      | -             | -                | 19,417                            | -                                 | -                                 | -                  | 20,901         |                          |                    | 1,484 |           | 19,417 |           |
| 11/25/2018 | 453              | 579    | 452    | 0      | -             | -                | 19,417                            | -                                 | -                                 | -                  | 20,901         |                          |                    | 1,484 |           | 19,417 |           |
| 11/26/2018 | 433              | 354    | 361    | 0      | -             | -                | 10,349                            | -                                 | -                                 | -                  | 11,497         |                          |                    | 1,148 |           | 10,349 |           |
| 11/27/2018 | 477              | 483    | 0      | 0      | -             | -                | -                                 | 6,435                             | -                                 | -                  | 7,395          |                          |                    | 960   |           | 6,435  |           |
| 11/28/2018 | 611              | 654    | 0      | 0      | -             | -                | -                                 | 6,306                             | -                                 | -                  | 7,571          |                          |                    | 1,265 |           | 6,306  |           |
| 11/29/2018 | 576              | 561    | 467    | 345    | -             | -                | -                                 | 6,431                             | -                                 | -                  | 8,380          |                          |                    | 1,949 |           | 6,431  |           |
| 11/30/2018 | 809              | 60     | 510    | 0      | -             | -                | -                                 | 6,862                             | -                                 | -                  | 8,241          | 84,886                   | 12,127             | 1,379 | 1,381     | 6,862  | 10,745    |
| 12/1/2018  | 679              | 0      | 509    | 0      | -             | -                | -                                 | 6,653                             | -                                 | -                  | 7,841          |                          |                    | 1,188 |           | 6,653  |           |
| 12/2/2018  | 679              | 0      | 509    | 0      | -             | -                | -                                 | 6,653                             | -                                 | -                  | 7,841          |                          |                    | 1,188 |           | 6,653  |           |
| 12/3/2018  | 594              | 0      | 503    | 0      | -             | -                | -                                 | 6,196                             | -                                 | -                  | 7,293          |                          |                    | 1,097 |           | 6,196  |           |
| 12/4/2018  | 662              | 5      | 539    | 0      | -             | -                | -                                 | 5,684                             | -                                 | -                  | 6,890          |                          |                    | 1,206 |           | 5,684  |           |
| 12/5/2018  | 574              | 0      | 443    | 0      | -             | -                | -                                 | 4,696                             | -                                 | -                  | 5,713          |                          |                    | 1,017 |           | 4,696  |           |
| 12/6/2018  | 611              | 0      | 434    | 0      | -             | -                | -                                 | -                                 | 23,384                            | -                  | 24,429         |                          |                    | 1,045 |           | 23,384 |           |
| 12/7/2018  | 520              | 1      | 406    | 4      | -             | -                | -                                 | -                                 | 23,384                            | -                  | 24,315         | 84,322                   | 12,046             | 931   | 1,096     | 23,384 | 10,950    |
| 12/8/2018  | 525              | 478    | 464    | 0      | -             | -                | -                                 | -                                 | 26,117                            | -                  | 27,584         |                          |                    | 1,467 |           | 26,117 |           |

Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE       | Dewatering Wells |        |        |        | Pump Stations |                  |                                   |                                   |                                   |                    | Total  | WEEKLY<br>TOTAL | Daily Avg | DWs   |           | PSs    |           |
|------------|------------------|--------|--------|--------|---------------|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|--------|-----------------|-----------|-------|-----------|--------|-----------|
|            | DW 1-1           | DW 1-2 | DW 2-1 | DW 2-2 | TPS-2         | PS-2<br>(CO 2-1) | Test Pump<br>Location<br>(CO 2-4) | Test Pump<br>Location<br>(CO 3-1) | Test Pump<br>Location<br>(CO 2-2) | TPS-2B<br>(CO 2-2) |        |                 |           | Total | Daily Avg | Total  | Daily Avg |
|            | (gal)            | (gal)  | (gal)  | (gal)  | (gal)         | (gal)            | (gal)                             | (gal)                             | (gal)                             | (gal)              | (gpd)  | (gal)           | (gpd)     | (gal) | (gpd)     | (gal)  | (gpd)     |
| 12/9/2018  | 525              | 478    | 464    | 0      | -             | -                | -                                 | -                                 | 26,117                            | -                  | 27,584 |                 |           | 1,467 |           | 26,117 |           |
| 12/10/2018 | 537              | 448    | 412    | 0      | -             | -                | -                                 | -                                 | 18,555                            | -                  | 19,952 |                 |           | 1,397 |           | 18,555 |           |
| 12/11/2018 | 593              | 357    | 394    | 0      | -             | -                | -                                 | -                                 | 14,620                            | -                  | 15,964 |                 |           | 1,344 |           | 14,620 |           |
| 12/12/2018 | 623              | 344    | 433    | 0      | -             | -                | -                                 | -                                 | 12,920                            | -                  | 14,320 |                 |           | 1,400 |           | 12,920 |           |
| 12/13/2018 | 673              | 646    | 456    | 0      | -             | -                | -                                 | -                                 | 12,361                            | -                  | 14,136 |                 |           | 1,775 |           | 12,361 |           |
| 12/14/2018 | 710              | 630    | 459    | 0      | -             | -                | -                                 | -                                 | 10,063                            | -                  | 11,862 | 131,402         | 18,772    | 1,799 | 1,521     | 10,063 | 17,250    |
| 12/15/2018 | 689              | 572    | 438    | 0      | -             | -                | -                                 | -                                 | 9,056                             | -                  | 10,755 |                 |           | 1,699 |           | 9,056  |           |
| 12/16/2018 | 729              | 623    | 442    | 0      | -             | -                | -                                 | -                                 | 6,987                             | -                  | 8,781  |                 |           | 1,794 |           | 6,987  |           |
| 12/17/2018 | 711              | 608    | 425    | 0      | -             | -                | -                                 | 5,982                             | -                                 | -                  | 7,726  |                 |           | 1,744 |           | 5,982  |           |
| 12/18/2018 | 794              | 678    | 462    | 0      | -             | -                | -                                 | 3,318                             | -                                 | -                  | 5,252  |                 |           | 1,934 |           | 3,318  |           |
| 12/19/2018 | 826              | 721    | 483    | 0      | -             | -                | -                                 | 4,220                             | -                                 | -                  | 6,250  |                 |           | 2,030 |           | 4,220  |           |
| 12/20/2018 | 824              | 751    | 614    | 0      | -             | -                | -                                 | 4,944                             | -                                 | -                  | 7,133  |                 |           | 2,189 |           | 4,944  |           |
| 12/21/2018 | 955              | 793    | 548    | 0      | -             | -                | -                                 | 626                               | -                                 | -                  | 2,922  | 48,819          | 6,974     | 2,296 | 1,955     | 626    | 5,019     |
| 12/22/2018 | 927              | 826    | 466    | 0      | -             | -                | -                                 | 2,905                             | -                                 | -                  | 5,124  |                 |           | 2,219 |           | 2,905  |           |
| 12/23/2018 | 953              | 801    | 460    | 0      | -             | -                | -                                 | 1,103                             | -                                 | -                  | 3,317  |                 |           | 2,214 |           | 1,103  |           |
| 12/24/2018 | 1,009            | 824    | 478    | 0      | -             | -                | 9,071                             | -                                 | -                                 | -                  | 11,382 |                 |           | 2,311 |           | 9,071  |           |
| 12/25/2018 | 1,009            | 824    | 478    | 0      | -             | -                | 9,071                             | -                                 | -                                 | -                  | 11,382 |                 |           | 2,311 |           | 9,071  |           |
| 12/26/2018 | 1,039            | 878    | 479    | 0      | -             | -                | 12,833                            | -                                 | -                                 | -                  | 15,229 |                 |           | 2,396 |           | 12,833 |           |
| 12/27/2018 | 1,079            | 926    | 504    | 0      | -             | -                | 11,925                            | -                                 | -                                 | -                  | 14,434 |                 |           | 2,509 |           | 11,925 |           |
| 12/28/2018 | 1,103            | 935    | 502    | 0      | -             | -                | 10,412                            | -                                 | -                                 | -                  | 12,952 | 73,820          | 10,546    | 2,540 | 2,357     | 10,412 | 8,189     |
| 12/29/2018 | 1,056            | 891    | 507    | 0      | -             | -                | 7,962                             | -                                 | -                                 | -                  | 10,416 |                 |           | 2,454 |           | 7,962  |           |
| 12/30/2018 | 1,030            | 875    | 498    | 0      | -             | -                | 9,738                             | -                                 | -                                 | -                  | 12,141 |                 |           | 2,403 |           | 9,738  |           |
| 12/31/2018 | 1,199            | 758    | 510    | 0      | -             | -                | 0                                 | -                                 | -                                 | -                  | 2,467  |                 |           | 2,467 |           | 0      |           |
| 1/1/2019   | 2,397            | 1,515  | 1,020  | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 4,932  |                 |           | 4,932 |           | 0      |           |
| 1/2/2019   | 2,087            | 1,516  | 1,053  | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 4,656  |                 |           | 4,656 |           | 0      |           |
| 1/3/2019   | 2,596            | 1,510  | 1,070  | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 5,176  |                 |           | 5,176 |           | 0      |           |
| 1/4/2019   | 2,628            | 1,512  | 1,124  | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 5,264  | 45,052          | 6,436     | 5,264 | 3,907     | 0      | 2,529     |
| 1/5/2019   | 2,587            | 733    | 1,019  | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 4,339  |                 |           | 4,339 |           | 0      |           |
| 1/6/2019   | 2,587            | 733    | 1,019  | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 4,339  |                 |           | 4,339 |           | 0      |           |
| 1/7/2019   | 2,629            | 1,301  | 1,000  | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 4,930  |                 |           | 4,930 |           | 0      |           |
| 1/8/2019   | 2,651            | 1,386  | 996    | 5      | -             | 0                | -                                 | -                                 | -                                 | -                  | 5,038  |                 |           | 5,038 |           | 0      |           |
| 1/9/2019   | 2,638            | 1,424  | 1,005  | 5      | -             | 0                | -                                 | -                                 | -                                 | -                  | 5,072  |                 |           | 5,072 |           | 0      |           |
| 1/10/2019  | 2,566            | 1,378  | 1,010  | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 4,954  |                 |           | 4,954 |           | 0      |           |
| 1/11/2019  | 2,663            | 1,462  | 984    | 17     | -             | 0                | -                                 | -                                 | -                                 | -                  | 5,126  | 33,798          | 4,828     | 5,126 | 4,828     | 0      | 0         |
| 1/12/2019  | 2,585            | 1,486  | 919    | 23     | -             | 15,785           | -                                 | -                                 | -                                 | -                  | 20,798 |                 |           | 5,013 |           | 15,785 |           |
| 1/13/2019  | 2,585            | 1,486  | 919    | 23     | -             | 15,785           | -                                 | -                                 | -                                 | -                  | 20,798 |                 |           | 5,013 |           | 15,785 |           |
| 1/14/2019  | 2,651            | 1,454  | 998    | 24     | -             | 45,114           | -                                 | -                                 | -                                 | -                  | 50,241 |                 |           | 5,127 |           | 45,114 |           |
| 1/15/2019  | 2,657            | 1,382  | 960    | 26     | -             | 37,628           | -                                 | -                                 | -                                 | -                  | 42,653 |                 |           | 5,025 |           | 37,628 |           |
| 1/16/2019  | 2,730            | 1,402  | 920    | 20     | -             | 40,852           | -                                 | -                                 | -                                 | -                  | 45,924 |                 |           | 5,072 |           | 40,852 |           |
| 1/17/2019  | 2,831            | 1,463  | 910    | 43     | -             | 38,270           | -                                 | -                                 | -                                 | -                  | 43,517 |                 |           | 5,247 |           | 38,270 |           |
| 1/18/2019  | 2,803            | 1,470  | 976    | 23     | -             | 35,877           | -                                 | -                                 | -                                 | -                  | 41,149 | 265,080         | 37,869    | 5,272 | 5,110     | 35,877 | 32,759    |
| 1/19/2019  | 2,966            | 1,461  | 1,064  | 0      | -             | 36,927           | -                                 | -                                 | -                                 | -                  | 42,418 |                 |           | 5,491 |           | 36,927 |           |
| 1/20/2019  | 2,966            | 1,461  | 1,064  | 0      | -             | 36,927           | -                                 | -                                 | -                                 | -                  | 42,418 |                 |           | 5,491 |           | 36,927 |           |
| 1/21/2019  | 2,939            | 1,368  | 919    | 0      | -             | 32,976           | -                                 | -                                 | -                                 | -                  | 38,202 |                 |           | 5,226 |           | 32,976 |           |
| 1/22/2019  | 2,951            | 1,400  | 956    | 0      | -             | 32,665           | -                                 | -                                 | -                                 | -                  | 37,972 |                 |           | 5,307 |           | 32,665 |           |
| 1/23/2019  | 2,796            | 1,581  | 983    | 43     | -             | 34,739           | -                                 | -                                 | -                                 | -                  | 40,142 |                 |           | 5,403 |           | 34,739 |           |
| 1/24/2019  | 2,685            | 1,496  | 897    | 29     | -             | 31,753           | -                                 | -                                 | -                                 | -                  | 36,860 |                 |           | 5,107 |           | 31,753 |           |
| 1/25/2019  | 2,863            | 1,486  | 839    | 12     | -             | 31,397           | -                                 | -                                 | -                                 | -                  | 36,597 | 274,609         | 39,230    | 5,200 | 5,318     | 31,397 | 33,912    |
| 1/26/2019  | 2,996            | 1,554  | 899    | 0      | -             | 31,363           | -                                 | -                                 | -                                 | -                  | 36,812 |                 |           | 5,449 |           | 31,363 |           |
| 1/27/2019  | 2,996            | 1,554  | 899    | 12     | -             | 31,363           | -                                 | -                                 | -                                 | -                  | 36,824 |                 |           | 5,461 |           | 31,363 |           |
| 1/28/2019  | 2,963            | 1,488  | 869    | 18     | -             | 29,775           | -                                 | -                                 | -                                 | -                  | 35,113 |                 |           | 5,338 |           | 29,775 |           |
| 1/29/2019  | 2,928            | 1,582  | 959    | 29     | -             | 29,570           | -                                 | -                                 | -                                 | -                  | 35,068 |                 |           | 5,498 |           | 29,570 |           |
| 1/30/2019  | 2,754            | 1,550  | 884    | 0      | -             | 28,890           | -                                 | -                                 | -                                 | -                  | 34,078 |                 |           | 5,188 |           | 28,890 |           |
| 1/31/2019  | 2,969            | 1,643  | 929    | 0      | -             | 27,913           | -                                 | -                                 | -                                 | -                  | 33,454 |                 |           | 5,541 |           | 27,913 |           |
| 2/1/2019   | 2,670            | 1,564  | 934    | 0      | -             | 29,354           | -                                 | -                                 | -                                 | -                  | 34,522 | 245,871         | 35,124    | 5,168 | 5,378     | 29,354 | 29,747    |
| 2/2/2019   | 2,132            | 1,549  | 975    | 0      | -             | 29,420           | -                                 | -                                 | -                                 | -                  | 34,076 |                 |           | 4,656 |           | 29,420 |           |
| 2/3/2019   | 2,132            | 1,549  | 975    | 0      | -             | 29,420           | -                                 | -                                 | -                                 | -                  | 34,076 |                 |           | 4,656 |           | 29,420 |           |
| 2/4/2019   | 0                | 1,621  | 1,015  | 0      | -             | 28,577           | -                                 | -                                 | -                                 | -                  | 31,213 |                 |           | 2,636 |           | 28,577 |           |
| 2/5/2019   | 4                | 1,824  | 991    | 0      | -             | 28,313           | -                                 | -                                 | -                                 | -                  | 31,132 |                 |           | 2,819 |           | 28,313 |           |
| 2/6/2019   | 0                | 1,862  | 989    | 0      | -             | 28,429           | -                                 | -                                 | -                                 | -                  | 31,280 |                 |           | 2,851 |           | 28,429 |           |
| 2/7/2019   | 0                | 1,936  | 1,026  | 0      | -             | 27,944           | -                                 | -                                 | -                                 | -                  | 30,906 |                 |           | 2,962 |           | 27,944 |           |
| 2/8/2019   | 1,778            | 563    | 915    | 3      | -             | 24,320           | -                                 | -                                 | -                                 | -                  | 27,579 | 220,262         | 31,466    | 3,259 | 3,406     | 24,320 | 28,060    |
| 2/9/2019   | 1,664            | 0      | 996    | 0      | -             | 26,878           | -                                 | -                                 | -                                 | -                  | 29,538 |                 |           | 2,660 |           | 26,878 |           |
| 2/10/2019  | 1,664            | 0      | 996    | 0      | -             | 26,878           | -                                 | -                                 | -                                 | -                  | 29,538 |                 |           | 2,660 |           | 26,878 |           |
| 2/11/2019  | 1,508            | 0      | 1,034  | 0      | -             | 27,762           | -                                 | -                                 | -                                 | -                  | 30,304 |                 |           | 2,542 |           | 27,762 |           |
| 2/12/2019  | 1,583            | 0      | 1,049  | 0      | -             | 28,243           | -                                 | -                                 | -                                 | -                  | 30,875 |                 |           | 2,632 |           | 28,243 |           |

Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Dewatering Wells |                 |                 |                 | Pump Stations  |                           |                                            |                                            |                                            |                             | Total<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | DWs            |                    | PSs            |                    |
|-----------|------------------|-----------------|-----------------|-----------------|----------------|---------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-----------------------------|----------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | DW 1-1<br>(gal)  | DW 1-2<br>(gal) | DW 2-1<br>(gal) | DW 2-2<br>(gal) | TPS-2<br>(gal) | PS-2<br>(CO 2-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-4)<br>(gal) | Test Pump<br>Location<br>(CO 3-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-2)<br>(gal) | TPS-2B<br>(CO 2-2)<br>(gal) |                |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 2/13/2019 | 1,292            | 0               | 1,036           | 0               | -              | 27,572                    | -                                          | -                                          | -                                          | -                           | 29,900         |                          |                    | 2,328          |                    | 27,572         |                    |
| 2/14/2019 | 1,467            | 0               | 1,098           | 0               | -              | 27,589                    | -                                          | -                                          | -                                          | -                           | 30,154         |                          |                    | 2,565          |                    | 27,589         |                    |
| 2/15/2019 | 1,420            | 0               | 1,046           | 0               | -              | 27,705                    | -                                          | -                                          | -                                          | -                           | 30,171         | 210,480                  | 30,069             | 2,466          | 2,550              | 27,705         | 27,518             |
| 2/16/2019 | 1,437            | 0               | 1,073           | 0               | -              | 27,638                    | -                                          | -                                          | -                                          | -                           | 30,148         |                          |                    | 2,510          |                    | 27,638         |                    |
| 2/17/2019 | 1,437            | 0               | 1,073           | 0               | -              | 27,638                    | -                                          | -                                          | -                                          | -                           | 30,148         |                          |                    | 2,510          |                    | 27,638         |                    |
| 2/18/2019 | 1,411            | 1               | 983             | 11              | -              | 26,484                    | -                                          | -                                          | -                                          | -                           | 28,890         |                          |                    | 2,406          |                    | 26,484         |                    |
| 2/19/2019 | 1,471            | 0               | 791             | 58              | -              | 26,419                    | -                                          | -                                          | -                                          | -                           | 28,739         |                          |                    | 2,320          |                    | 26,419         |                    |
| 2/20/2019 | 1,500            | 0               | 702             | 78              | -              | 26,225                    | -                                          | -                                          | -                                          | -                           | 28,505         |                          |                    | 2,280          |                    | 26,225         |                    |
| 2/21/2019 | 1,528            | 0               | 1,071           | 0               | -              | 25,890                    | -                                          | -                                          | -                                          | -                           | 28,489         |                          |                    | 2,599          |                    | 25,890         |                    |
| 2/22/2019 | 1,476            | 0               | 1,008           | 0               | -              | 25,913                    | -                                          | -                                          | -                                          | -                           | 28,397         | 203,316                  | 29,045             | 2,484          | 2,444              | 25,913         | 26,601             |
| 2/23/2019 | 1,493            | 0               | 1,001           | 0               | -              | 26,153                    | -                                          | -                                          | -                                          | -                           | 28,647         |                          |                    | 2,494          |                    | 26,153         |                    |
| 2/24/2019 | 1,493            | 0               | 1,001           | 0               | -              | 26,153                    | -                                          | -                                          | -                                          | -                           | 28,647         |                          |                    | 2,494          |                    | 26,153         |                    |
| 2/25/2019 | 1,467            | 0               | 998             | 0               | -              | 25,082                    | -                                          | -                                          | -                                          | -                           | 27,547         |                          |                    | 2,465          |                    | 25,082         |                    |
| 2/26/2019 | 1,478            | 0               | 1,013           | 0               | -              | 24,684                    | -                                          | -                                          | -                                          | -                           | 27,175         |                          |                    | 2,491          |                    | 24,684         |                    |
| 2/27/2019 | 1,524            | 0               | 1,059           | 0               | -              | 15,650                    | -                                          | -                                          | -                                          | -                           | 18,233         |                          |                    | 2,583          |                    | 15,650         |                    |
| 2/28/2019 | 1,456            | 0               | 1,060           | 0               | -              | 8,162                     | -                                          | -                                          | -                                          | -                           | 10,678         |                          |                    | 2,516          |                    | 8,162          |                    |
| 3/1/2019  | 1,507            | 0               | 948             | 0               | -              | 5,738                     | -                                          | -                                          | -                                          | -                           | 8,193          | 149,120                  | 21,303             | 2,455          | 2,500              | 5,738          | 18,803             |
| 3/2/2019  | 1,521            | 0               | 961             | 0               | -              | 6,454                     | -                                          | -                                          | -                                          | -                           | 8,936          |                          |                    | 2,482          |                    | 6,454          |                    |
| 3/3/2019  | 1,521            | 0               | 961             | 0               | -              | 6,454                     | -                                          | -                                          | -                                          | -                           | 8,936          |                          |                    | 2,482          |                    | 6,454          |                    |
| 3/4/2019  | 1,452            | 0               | 984             | 0               | -              | 5,511                     | -                                          | -                                          | -                                          | -                           | 7,947          |                          |                    | 2,436          |                    | 5,511          |                    |
| 3/5/2019  | 1,407            | 0               | 1,016           | 0               | -              | 4,442                     | -                                          | -                                          | -                                          | -                           | 6,865          |                          |                    | 2,423          |                    | 4,442          |                    |
| 3/6/2019  | 408              | 0               | 288             | 0               | -              | 28,129                    | -                                          | -                                          | -                                          | -                           | 28,825         |                          |                    | 696            |                    | 28,129         |                    |
| 3/7/2019  | 1,360            | 3               | 1,005           | 0               | -              | 27,042                    | -                                          | -                                          | -                                          | -                           | 29,410         |                          |                    | 2,368          |                    | 27,042         |                    |
| 3/8/2019  | 1,265            | 0               | 988             | 0               | -              | 26,474                    | -                                          | -                                          | -                                          | -                           | 28,727         | 119,646                  | 17,092             | 2,253          | 2,163              | 26,474         | 14,929             |
| 3/9/2019  | 1,236            | 0               | 959             | 0               | -              | 26,804                    | -                                          | -                                          | -                                          | -                           | 28,999         |                          |                    | 2,195          |                    | 26,804         |                    |
| 3/10/2019 | 1,236            | 0               | 959             | 0               | -              | 26,804                    | -                                          | -                                          | -                                          | -                           | 28,999         |                          |                    | 2,195          |                    | 26,804         |                    |
| 3/11/2019 | 1,326            | 0               | 971             | 0               | -              | 25,283                    | -                                          | -                                          | -                                          | -                           | 27,580         |                          |                    | 2,297          |                    | 25,283         |                    |
| 3/12/2019 | 1,374            | 0               | 1,205           | 0               | -              | 25,984                    | -                                          | -                                          | -                                          | -                           | 28,563         |                          |                    | 2,579          |                    | 25,984         |                    |
| 3/13/2019 | 1,493            | 0               | 723             | 0               | -              | 25,536                    | -                                          | -                                          | -                                          | -                           | 27,752         |                          |                    | 2,216          |                    | 25,536         |                    |
| 3/14/2019 | 1,505            | 0               | 927             | 0               | -              | 25,060                    | -                                          | -                                          | -                                          | -                           | 27,492         |                          |                    | 2,432          |                    | 25,060         |                    |
| 3/15/2019 | 1,545            | 103             | 944             | 0               | -              | 26,483                    | -                                          | -                                          | -                                          | -                           | 29,075         | 198,460                  | 28,351             | 2,592          | 2,358              | 26,483         | 25,993             |
| 3/16/2019 | 1,508            | 399             | 931             | 0               | -              | 24,297                    | -                                          | -                                          | -                                          | -                           | 27,135         |                          |                    | 2,838          |                    | 24,297         |                    |
| 3/17/2019 | 1,508            | 399             | 931             | 0               | -              | 24,297                    | -                                          | -                                          | -                                          | -                           | 27,135         |                          |                    | 2,838          |                    | 24,297         |                    |
| 3/18/2019 | 1,536            | 450             | 921             | 0               | -              | 24,870                    | -                                          | -                                          | -                                          | -                           | 27,777         |                          |                    | 2,907          |                    | 24,870         |                    |
| 3/19/2019 | 1,501            | 469             | 905             | 0               | -              | 24,260                    | -                                          | -                                          | -                                          | -                           | 27,135         |                          |                    | 2,875          |                    | 24,260         |                    |
| 3/20/2019 | 1,506            | 378             | 924             | 0               | -              | 24,447                    | -                                          | -                                          | -                                          | -                           | 27,255         |                          |                    | 2,808          |                    | 24,447         |                    |
| 3/21/2019 | 1,581            | 317             | 938             | 0               | -              | 25,222                    | -                                          | -                                          | -                                          | -                           | 28,058         |                          |                    | 2,836          |                    | 25,222         |                    |
| 3/22/2019 | 1,488            | 298             | 871             | 0               | -              | 22,789                    | -                                          | -                                          | -                                          | -                           | 25,446         | 189,941                  | 27,134             | 2,657          | 2,823              | 22,789         | 24,312             |
| 3/23/2019 | 1,483            | 577             | 836             | 0               | -              | 23,027                    | -                                          | -                                          | -                                          | -                           | 25,923         |                          |                    | 2,896          |                    | 23,027         |                    |
| 3/24/2019 | 1,483            | 577             | 836             | 0               | -              | 23,027                    | -                                          | -                                          | -                                          | -                           | 25,923         |                          |                    | 2,896          |                    | 23,027         |                    |
| 3/25/2019 | 238              | 103             | 128             | 0               | -              | 17,279                    | -                                          | -                                          | -                                          | -                           | 17,748         |                          |                    | 469            |                    | 17,279         |                    |
| 3/26/2019 | 28               | 4               | 15              | 0               | -              | 9,046                     | -                                          | -                                          | -                                          | -                           | 9,093          |                          |                    | 47             |                    | 9,046          |                    |
| 3/27/2019 | 1,541            | 561             | 763             | 3               | -              | 7,740                     | -                                          | -                                          | -                                          | -                           | 10,608         |                          |                    | 2,868          |                    | 7,740          |                    |
| 3/28/2019 | 1,199            | 665             | 715             | 31              | -              | 6,352                     | -                                          | -                                          | -                                          | -                           | 8,962          |                          |                    | 2,610          |                    | 6,352          |                    |
| 3/29/2019 | 1,216            | 701             | 692             | 54              | -              | 6,276                     | -                                          | -                                          | -                                          | -                           | 8,939          | 107,196                  | 15,314             | 2,663          | 2,064              | 6,276          | 13,250             |
| 3/30/2019 | 1,110            | 689             | 626             | 55              | -              | 1,737                     | -                                          | -                                          | -                                          | -                           | 4,217          |                          |                    | 2,480          |                    | 1,737          |                    |
| 3/31/2019 | 1,172            | 755             | 671             | 62              | -              | 791                       | -                                          | -                                          | -                                          | -                           | 3,451          |                          |                    | 2,660          |                    | 791            |                    |
| 4/1/2019  | 1,089            | 441             | 564             | 59              | -              | 3,959                     | -                                          | -                                          | -                                          | -                           | 6,112          |                          |                    | 2,153          |                    | 3,959          |                    |
| 4/2/2019  | 1,213            | 522             | 645             | 55              | -              | 22,148                    | -                                          | -                                          | -                                          | -                           | 24,583         |                          |                    | 2,435          |                    | 22,148         |                    |
| 4/3/2019  | 1,137            | 622             | 643             | 51              | -              | 22,377                    | -                                          | -                                          | -                                          | -                           | 24,830         |                          |                    | 2,453          |                    | 22,377         |                    |
| 4/4/2019  | 462              | 248             | 256             | 31              | -              | 5,261                     | -                                          | -                                          | -                                          | -                           | 6,258          |                          |                    | 997            |                    | 5,261          |                    |
| 4/5/2019  | 1,267            | 334             | 573             | 68              | -              | 5,230                     | -                                          | -                                          | -                                          | -                           | 7,472          | 76,923                   | 10,989             | 2,242          | 2,203              | 5,230          | 8,786              |
| 4/6/2019  | 1,196            | 532             | 642             | 67              | -              | 8,186                     | -                                          | -                                          | -                                          | -                           | 10,623         |                          |                    | 2,437          |                    | 8,186          |                    |
| 4/7/2019  | 1,196            | 532             | 642             | 67              | -              | 8,186                     | -                                          | -                                          | -                                          | -                           | 10,623         |                          |                    | 2,437          |                    | 8,186          |                    |
| 4/8/2019  | 1,238            | 576             | 632             | 63              | -              | 5,462                     | -                                          | -                                          | -                                          | -                           | 7,971          |                          |                    | 2,509          |                    | 5,462          |                    |
| 4/9/2019  | 1,310            | 654             | 641             | 77              | -              | 5,597                     | -                                          | -                                          | -                                          | -                           | 8,279          |                          |                    | 2,682          |                    | 5,597          |                    |
| 4/10/2019 | 1,310            | 644             | 627             | 79              | -              | 5,442                     | -                                          | -                                          | -                                          | -                           | 8,102          |                          |                    | 2,660          |                    | 5,442          |                    |
| 4/11/2019 | 1,305            | 718             | 642             | 101             | -              | 4,956                     | -                                          | -                                          | -                                          | -                           | 7,722          |                          |                    | 2,766          |                    | 4,956          |                    |
| 4/12/2019 | 1,270            | 664             | 640             | 124             | -              | 4,635                     | -                                          | -                                          | -                                          | -                           | 7,333          | 60,653                   | 8,665              | 2,698          | 2,598              | 4,635          | 6,066              |
| 4/13/2019 | 1,459            | 803             | 747             | 116             | -              | 4,825                     | -                                          | -                                          | -                                          | -                           | 7,950          |                          |                    | 3,125          |                    | 4,825          |                    |
| 4/14/2019 | 1,112            | 631             | 566             | 66              | -              | 4,513                     | -                                          | -                                          | -                                          | -                           | 6,888          |                          |                    | 2,375          |                    | 4,513          |                    |
| 4/15/2019 | 1,262            | 695             | 643             | 67              | -              | 4,067                     | -                                          | -                                          | -                                          | -                           | 6,734          |                          |                    | 2,667          |                    | 4,067          |                    |
| 4/16/2019 | 1,244            | 750             | 658             | 80              | -              | 6,287                     | -                                          | -                                          | -                                          | -                           | 9,019          |                          |                    | 2,732          |                    | 6,287          |                    |
| 4/17/2019 | 286              | 120             | 114             | 25              | -              | 5,435                     | -                                          | -                                          | -                                          | -                           | 5,980          |                          |                    | 545            |                    | 5,435          |                    |
| 4/18/2019 | 1,531            | 743             | 685             | 135             | -              | 5,833                     | -                                          | -                                          | -                                          | -                           | 8,927          |                          |                    | 3,094          |                    | 5,833          |                    |
| 4/19/2019 | 659              | 257             | 390             | 32              | -              | 5,560                     | -                                          | -                                          | -                                          | -                           | 6,898          | 52,396                   | 7,485              | 1,338          | 2,268              | 5,560          | 5,217              |

Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Dewatering Wells |                 |                 |                 | Pump Stations  |                           |                                            |                                            |                                            |                             | Total<br>(gpd) | WEEKLY<br>TOTAL<br>(gal) | Daily Avg<br>(gpd) | DWs            |                    | PSs            |                    |
|-----------|------------------|-----------------|-----------------|-----------------|----------------|---------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-----------------------------|----------------|--------------------------|--------------------|----------------|--------------------|----------------|--------------------|
|           | DW 1-1<br>(gal)  | DW 1-2<br>(gal) | DW 2-1<br>(gal) | DW 2-2<br>(gal) | TPS-2<br>(gal) | PS-2<br>(CO 2-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-4)<br>(gal) | Test Pump<br>Location<br>(CO 3-1)<br>(gal) | Test Pump<br>Location<br>(CO 2-2)<br>(gal) | TPS-2B<br>(CO 2-2)<br>(gal) |                |                          |                    | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 4/20/2019 | 0                | 0               | 0               | 0               | -              | 4,885                     | -                                          | -                                          | -                                          | -                           | 4,885          |                          |                    | 0              |                    | 4,885          |                    |
| 4/21/2019 | 0                | 0               | 0               | 0               | -              | 4,885                     | -                                          | -                                          | -                                          | -                           | 4,885          |                          |                    | 0              |                    | 4,885          |                    |
| 4/22/2019 | 1,494            | 500             | 776             | 4               | -              | 4,395                     | -                                          | -                                          | -                                          | -                           | 7,169          |                          |                    | 2,774          |                    | 4,395          |                    |
| 4/23/2019 | 1,345            | 361             | 818             | 0               | -              | 4,354                     | -                                          | -                                          | -                                          | -                           | 6,878          |                          |                    | 2,524          |                    | 4,354          |                    |
| 4/24/2019 | 1,325            | 2               | 821             | 0               | -              | 4,429                     | -                                          | -                                          | -                                          | -                           | 6,577          |                          |                    | 2,148          |                    | 4,429          |                    |
| 4/25/2019 | 1,330            | 0               | 838             | 0               | -              | 4,605                     | -                                          | -                                          | -                                          | -                           | 6,773          |                          |                    | 2,168          |                    | 4,605          |                    |
| 4/26/2019 | 1,263            | 487             | 829             | 0               | -              | 4,586                     | -                                          | -                                          | -                                          | -                           | 7,165          | 44,332                   | 6,333              | 2,579          | 1,742              | 4,586          | 4,591              |
| 4/27/2019 | 1,286            | 5               | 794             | 0               | -              | 4,205                     | -                                          | -                                          | -                                          | -                           | 6,290          |                          |                    | 2,085          |                    | 4,205          |                    |
| 4/28/2019 | 1,286            | 5               | 794             | 0               | -              | 4,205                     | -                                          | -                                          | -                                          | -                           | 6,290          |                          |                    | 2,085          |                    | 4,205          |                    |
| 4/29/2019 | 1,251            | 10              | 772             | 0               | -              | 3,926                     | -                                          | -                                          | -                                          | -                           | 5,959          |                          |                    | 2,033          |                    | 3,926          |                    |
| 4/30/2019 | 1,256            | 1               | 766             | 0               | -              | 3,837                     | -                                          | -                                          | -                                          | -                           | 5,860          |                          |                    | 2,023          |                    | 3,837          |                    |
| 5/1/2019  | 1,268            | 1               | 790             | 0               | -              | 3,963                     | -                                          | -                                          | -                                          | -                           | 6,022          |                          |                    | 2,059          |                    | 3,963          |                    |
| 5/2/2019  | 1,319            | 0               | 213             | 2               | -              | 4,169                     | -                                          | -                                          | -                                          | -                           | 5,703          |                          |                    | 1,534          |                    | 4,169          |                    |
| 5/3/2019  | 1,260            | 0               | 823             | 0               | -              | 4,379                     | -                                          | -                                          | -                                          | -                           | 6,462          | 42,586                   | 6,084              | 2,083          | 1,986              | 4,379          | 4,098              |
| 5/4/2019  | 1,292            | 0               | 767             | 12              | -              | 4,345                     | -                                          | -                                          | -                                          | -                           | 6,416          |                          |                    | 2,071          |                    | 4,345          |                    |
| 5/5/2019  | 1,292            | 0               | 767             | 12              | -              | 4,345                     | -                                          | -                                          | -                                          | -                           | 6,416          |                          |                    | 2,071          |                    | 4,345          |                    |
| 5/6/2019  | 1,268            | 0               | 802             | 0               | -              | 4,031                     | -                                          | -                                          | -                                          | -                           | 6,101          |                          |                    | 2,070          |                    | 4,031          |                    |
| 5/7/2019  | 1,303            | 0               | 740             | 3               | -              | 3,919                     | -                                          | -                                          | -                                          | -                           | 5,965          |                          |                    | 2,046          |                    | 3,919          |                    |
| 5/8/2019  | 1,302            | 17              | 672             | 36              | -              | 3,682                     | -                                          | -                                          | -                                          | -                           | 5,709          |                          |                    | 2,027          |                    | 3,682          |                    |
| 5/9/2019  | 1,329            | 0               | 691             | 33              | -              | 3,168                     | -                                          | -                                          | -                                          | -                           | 5,221          |                          |                    | 2,053          |                    | 3,168          |                    |
| 5/10/2019 | 1,276            | 1               | 665             | 37              | -              | 2,533                     | -                                          | -                                          | -                                          | -                           | 4,512          | 40,340                   | 5,763              | 1,979          | 2,045              | 2,533          | 3,718              |
| 5/11/2019 | 1,369            | 0               | 673             | 95              | -              | 2,741                     | -                                          | -                                          | -                                          | -                           | 4,878          |                          |                    | 2,137          |                    | 2,741          |                    |
| 5/12/2019 | 1,369            | 0               | 673             | 95              | -              | 2,741                     | -                                          | -                                          | -                                          | -                           | 4,878          |                          |                    | 2,137          |                    | 2,741          |                    |
| 5/13/2019 | 1,410            | 0               | 645             | 77              | -              | 2,795                     | -                                          | -                                          | -                                          | -                           | 4,927          |                          |                    | 2,132          |                    | 2,795          |                    |
| 5/14/2019 | 1,405            | 0               | 587             | 72              | -              | 4,061                     | -                                          | -                                          | -                                          | -                           | 6,125          |                          |                    | 2,064          |                    | 4,061          |                    |
| 5/15/2019 | 1,335            | 0               | 554             | 56              | -              | 4,733                     | -                                          | -                                          | -                                          | -                           | 6,678          |                          |                    | 1,945          |                    | 4,733          |                    |
| 5/16/2019 | 1,363            | 0               | 576             | 64              | -              | 5,885                     | -                                          | -                                          | -                                          | -                           | 7,888          |                          |                    | 2,003          |                    | 5,885          |                    |
| 5/17/2019 | 1,364            | 0               | 552             | 66              | -              | 6,306                     | -                                          | -                                          | -                                          | -                           | 8,288          | 43,662                   | 6,237              | 1,982          | 2,057              | 6,306          | 4,180              |
| 5/18/2019 | 1,485            | 0               | 572             | 61              | -              | 7,544                     | -                                          | -                                          | -                                          | -                           | 9,662          |                          |                    | 2,118          |                    | 7,544          |                    |
| 5/19/2019 | 1,485            | 0               | 572             | 61              | -              | 7,544                     | -                                          | -                                          | -                                          | -                           | 9,662          |                          |                    | 2,118          |                    | 7,544          |                    |
| 5/20/2019 | 1,498            | 0               | 561             | 48              | -              | 7,322                     | -                                          | -                                          | -                                          | -                           | 9,429          |                          |                    | 2,107          |                    | 7,322          |                    |
| 5/21/2019 | 1,565            | 0               | 589             | 85              | -              | 7,241                     | -                                          | -                                          | -                                          | -                           | 9,480          |                          |                    | 2,239          |                    | 7,241          |                    |
| 5/22/2019 | 1,544            | 0               | 587             | 56              | -              | 5,854                     | -                                          | -                                          | -                                          | -                           | 8,041          |                          |                    | 2,187          |                    | 5,854          |                    |
| 5/23/2019 | 458              | 8               | 151             | 22              | -              | 5,827                     | -                                          | -                                          | -                                          | -                           | 6,466          |                          |                    | 639            |                    | 5,827          |                    |
| 5/24/2019 | 1,696            | 16              | 617             | 79              | -              | 6,035                     | -                                          | -                                          | -                                          | -                           | 8,443          | 61,183                   | 8,740              | 2,408          | 1,974              | 6,035          | 6,767              |
| 5/25/2019 | 1,552            | 0               | 612             | 58              | -              | 6,025                     | -                                          | -                                          | -                                          | -                           | 8,247          |                          |                    | 2,222          |                    | 6,025          |                    |
| 5/26/2019 | 1,552            | 0               | 612             | 0               | -              | 6,025                     | -                                          | -                                          | -                                          | -                           | 8,189          |                          |                    | 2,164          |                    | 6,025          |                    |
| 5/27/2019 | 1,552            | 0               | 612             | 58              | -              | 6,025                     | -                                          | -                                          | -                                          | -                           | 8,247          |                          |                    | 2,222          |                    | 6,025          |                    |
| 5/28/2019 | 1,614            | 1               | 617             | 63              | -              | 32,674                    | -                                          | -                                          | -                                          | -                           | 34,969         |                          |                    | 2,295          |                    | 32,674         |                    |
| 5/29/2019 | 1,509            | 0               | 614             | 51              | -              | 23,592                    | -                                          | -                                          | -                                          | -                           | 25,766         |                          |                    | 2,174          |                    | 23,592         |                    |
| 5/30/2019 | 1,525            | 0               | 594             | 57              | -              | 21,426                    | -                                          | -                                          | -                                          | -                           | 23,602         |                          |                    | 2,176          |                    | 21,426         |                    |
| 5/31/2019 | 1,574            | 0               | 617             | 66              | -              | 19,887                    | -                                          | -                                          | -                                          | -                           | 22,144         | 131,164                  | 18,738             | 2,257          | 2,216              | 19,887         | 16,522             |
| 6/1/2019  | 1,665            | 0               | 615             | 60              | -              | 18,473                    | -                                          | -                                          | -                                          | -                           | 20,814         |                          |                    | 2,340          |                    | 18,473         |                    |
| 6/2/2019  | 1,665            | 0               | 615             | 60              | -              | 18,473                    | -                                          | -                                          | -                                          | -                           | 20,814         |                          |                    | 2,340          |                    | 18,473         |                    |
| 6/3/2019  | 1,661            | 0               | 602             | 73              | -              | 16,858                    | -                                          | -                                          | -                                          | -                           | 19,193         |                          |                    | 2,336          |                    | 16,858         |                    |
| 6/4/2019  | 1,612            | 0               | 605             | 69              | -              | 16,275                    | -                                          | -                                          | -                                          | -                           | 18,561         |                          |                    | 2,286          |                    | 16,275         |                    |
| 6/5/2019  | 1,720            | 0               | 609             | 60              | -              | 16,096                    | -                                          | -                                          | -                                          | -                           | 18,484         |                          |                    | 2,389          |                    | 16,096         |                    |
| 6/6/2019  | 1,704            | 55              | 594             | 66              | -              | 16,181                    | -                                          | -                                          | -                                          | -                           | 18,599         |                          |                    | 2,419          |                    | 16,181         |                    |
| 6/7/2019  | 1,813            | 377             | 601             | 49              | -              | 16,111                    | -                                          | -                                          | -                                          | -                           | 18,956         | 135,421                  | 19,346             | 2,840          | 2,421              | 16,111         | 16,924             |
| 6/8/2019  | 1,812            | 599             | 623             | 59              | -              | 16,345                    | -                                          | -                                          | -                                          | -                           | 19,438         |                          |                    | 3,093          |                    | 16,345         |                    |
| 6/9/2019  | 1,812            | 599             | 623             | 59              | -              | 16,345                    | -                                          | -                                          | -                                          | -                           | 19,438         |                          |                    | 3,093          |                    | 16,345         |                    |
| 6/10/2019 | 1,740            | 645             | 598             | 51              | -              | 19,821                    | -                                          | -                                          | -                                          | -                           | 22,855         |                          |                    | 3,034          |                    | 19,821         |                    |
| 6/11/2019 | 1,714            | 698             | 591             | 73              | -              | 19,061                    | -                                          | -                                          | -                                          | -                           | 22,137         |                          |                    | 3,076          |                    | 19,061         |                    |
| 6/12/2019 | 1,748            | 822             | 609             | 64              | -              | 18,290                    | -                                          | -                                          | -                                          | -                           | 21,533         |                          |                    | 3,243          |                    | 18,290         |                    |
| 6/13/2019 | 1,814            | 2               | 603             | 50              | -              | 6,052                     | -                                          | -                                          | -                                          | -                           | 8,520          |                          |                    | 2,469          |                    | 6,052          |                    |
| 6/14/2019 | 1,778            | 4               | 564             | 59              | -              | 15,899                    | -                                          | -                                          | -                                          | -                           | 18,304         | 132,225                  | 18,889             | 2,405          | 2,916              | 15,899         | 15,973             |
| 6/15/2019 | 2,012            | 4               | 617             | 62              | -              | 17,161                    | -                                          | -                                          | -                                          | -                           | 19,855         |                          |                    | 2,695          |                    | 17,161         |                    |
| 6/16/2019 | 2,012            | 4               | 617             | 62              | -              | 17,161                    | -                                          | -                                          | -                                          | -                           | 19,855         |                          |                    | 2,695          |                    | 17,161         |                    |
| 6/17/2019 | 1,914            | 2               | 620             | 52              | -              | 14,162                    | -                                          | -                                          | -                                          | -                           | 16,749         |                          |                    | 2,588          |                    | 14,162         |                    |
| 6/18/2019 | 2,001            | 1               | 602             | 60              | -              | 11,928                    | -                                          | -                                          | -                                          | -                           | 14,591         |                          |                    | 2,664          |                    | 11,928         |                    |
| 6/19/2019 | 1,873            | 2               | 607             | 51              | -              | 13,164                    | -                                          | -                                          | -                                          | -                           | 15,697         |                          |                    | 2,533          |                    | 13,164         |                    |
| 6/20/2019 | 2,015            | 0               | 585             | 61              | -              | 11,241                    | -                                          | -                                          | -                                          | -                           | 13,902         |                          |                    | 2,661          |                    | 11,241         |                    |
| 6/21/2019 | 1,991            | 0               | 591             | 57              | -              | 11,359                    | -                                          | -                                          | -                                          | -                           | 13,998         | 114,647                  | 16,378             | 2,639          | 2,639              | 11,359         | 13,739             |
| 6/22/2019 | 1,891            | 0               | 572             | 56              | -              | 12,816                    | -                                          | -                                          | -                                          | -                           | 15,335         |                          |                    | 2,519          |                    | 12,816         |                    |
| 6/23/2019 | 1,891            | 0               | 572             | 56              | -              | 12,816                    | -                                          | -                                          | -                                          | -                           | 15,335         |                          |                    | 2,519          |                    | 12,816         |                    |
| 6/24/2019 | 1,970            | 0               | 580             | 56              | -              | 12,983                    | -                                          | -                                          | -                                          | -                           | 15,589         |                          |                    | 2,606          |                    | 12,983         |                    |

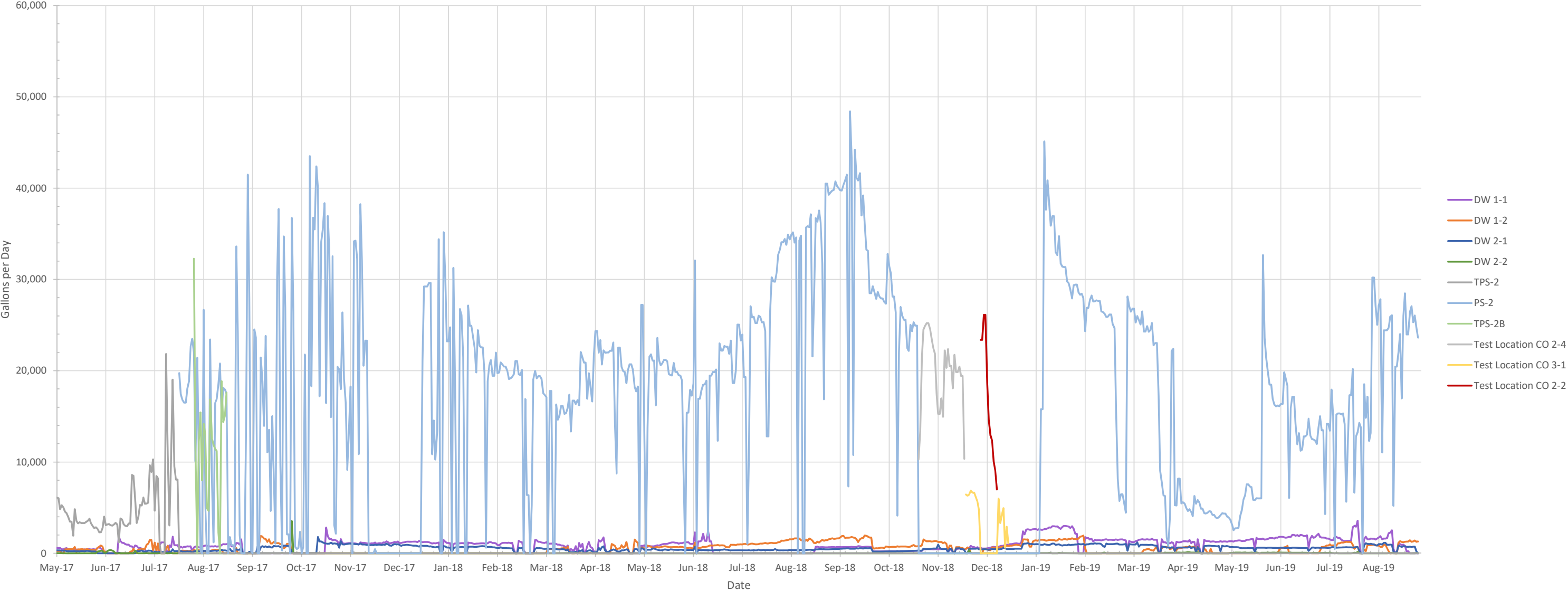
Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Dewatering Wells |        |        |        | Pump Stations |                  |                                   |                                   |                                   |                    | Total  | WEEKLY<br>TOTAL | Daily Avg | DWs   |           | PSs    |           |
|-----------|------------------|--------|--------|--------|---------------|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|--------|-----------------|-----------|-------|-----------|--------|-----------|
|           | DW 1-1           | DW 1-2 | DW 2-1 | DW 2-2 | TPS-2         | PS-2<br>(CO 2-1) | Test Pump<br>Location<br>(CO 2-4) | Test Pump<br>Location<br>(CO 3-1) | Test Pump<br>Location<br>(CO 2-2) | TPS-2B<br>(CO 2-2) |        |                 |           | Total | Daily Avg | Total  | Daily Avg |
|           | (gal)            | (gal)  | (gal)  | (gal)  | (gal)         | (gal)            | (gal)                             | (gal)                             | (gal)                             | (gal)              | (gpd)  | (gal)           | (gpd)     | (gal) | (gpd)     | (gal)  | (gpd)     |
| 6/25/2019 | 608              | 2      | 270    | 19     | -             | 14,740           | -                                 | -                                 | -                                 | -                  | 15,639 |                 |           | 899   |           | 14,740 |           |
| 6/26/2019 | 1,624            | 17     | 460    | 15     | -             | 12,876           | -                                 | -                                 | -                                 | -                  | 14,991 |                 |           | 2,116 |           | 12,876 |           |
| 6/27/2019 | 1,910            | 0      | 635    | 28     | -             | 12,501           | -                                 | -                                 | -                                 | -                  | 15,074 |                 |           | 2,573 |           | 12,501 |           |
| 6/28/2019 | 1,692            | 0      | 637    | 58     | -             | 12,456           | -                                 | -                                 | -                                 | -                  | 14,843 | 106,806         | 15,258    | 2,387 | 2,231     | 12,456 | 13,027    |
| 6/29/2019 | 1,776            | 0      | 607    | 36     | -             | 12,336           | -                                 | -                                 | -                                 | -                  | 14,755 |                 |           | 2,419 |           | 12,336 |           |
| 6/30/2019 | 1,979            | 0      | 623    | 43     | -             | 11,972           | -                                 | -                                 | -                                 | -                  | 14,617 |                 |           | 2,645 |           | 11,972 |           |
| 7/1/2019  | 2,148            | 0      | 613    | 39     | -             | 13,756           | -                                 | -                                 | -                                 | -                  | 16,556 |                 |           | 2,800 |           | 13,756 |           |
| 7/2/2019  | 1,779            | 278    | 598    | 45     | -             | 15,022           | -                                 | -                                 | -                                 | -                  | 17,722 |                 |           | 2,700 |           | 15,022 |           |
| 7/3/2019  | 1,734            | 697    | 618    | 44     | -             | 13,473           | -                                 | -                                 | -                                 | -                  | 16,566 |                 |           | 3,093 |           | 13,473 |           |
| 7/4/2019  | 1,734            | 697    | 618    | 44     | -             | 13,473           | -                                 | -                                 | -                                 | -                  | 16,566 |                 |           | 3,093 |           | 13,473 |           |
| 7/5/2019  | 1,692            | 749    | 615    | 64     | -             | 4,289            | -                                 | -                                 | -                                 | -                  | 7,409  | 104,191         | 14,884    | 3,120 | 2,839     | 4,289  | 12,046    |
| 7/6/2019  | 1,612            | 856    | 595    | 40     | -             | 14,185           | -                                 | -                                 | -                                 | -                  | 17,288 |                 |           | 3,103 |           | 14,185 |           |
| 7/7/2019  | 1,612            | 856    | 595    | 40     | -             | 14,185           | -                                 | -                                 | -                                 | -                  | 17,288 |                 |           | 3,103 |           | 14,185 |           |
| 7/8/2019  | 1,531            | 964    | 613    | 84     | -             | 13,429           | -                                 | -                                 | -                                 | -                  | 16,621 |                 |           | 3,192 |           | 13,429 |           |
| 7/9/2019  | 1,442            | 842    | 657    | 31     | -             | 17,925           | -                                 | -                                 | -                                 | -                  | 20,897 |                 |           | 2,972 |           | 17,925 |           |
| 7/10/2019 | 1,433            | 871    | 679    | 23     | -             | 15,048           | -                                 | -                                 | -                                 | -                  | 18,054 |                 |           | 3,006 |           | 15,048 |           |
| 7/11/2019 | 1,842            | 845    | 639    | 13     | -             | 472              | -                                 | -                                 | -                                 | -                  | 3,811  |                 |           | 3,339 |           | 472    |           |
| 7/12/2019 | 1,805            | 843    | 616    | 21     | -             | 15,212           | -                                 | -                                 | -                                 | -                  | 18,497 | 112,456         | 16,065    | 3,285 | 3,143     | 15,212 | 12,922    |
| 7/13/2019 | 1,675            | 1,095  | 630    | 11     | -             | 15,324           | -                                 | -                                 | -                                 | -                  | 18,735 |                 |           | 3,411 |           | 15,324 |           |
| 7/14/2019 | 1,675            | 1,095  | 630    | 11     | -             | 15,324           | -                                 | -                                 | -                                 | -                  | 18,735 |                 |           | 3,411 |           | 15,324 |           |
| 7/15/2019 | 1,492            | 1,184  | 635    | 2      | -             | 15,201           | -                                 | -                                 | -                                 | -                  | 18,514 |                 |           | 3,313 |           | 15,201 |           |
| 7/16/2019 | 1,392            | 1,164  | 654    | 0      | -             | 15,316           | -                                 | -                                 | -                                 | -                  | 18,526 |                 |           | 3,210 |           | 15,316 |           |
| 7/17/2019 | 1,326            | 1,221  | 658    | 1      | -             | 14,167           | -                                 | -                                 | -                                 | -                  | 17,373 |                 |           | 3,206 |           | 14,167 |           |
| 7/18/2019 | 1,365            | 1,264  | 672    | 2      | -             | 5,645            | -                                 | -                                 | -                                 | -                  | 8,948  |                 |           | 3,303 |           | 5,645  |           |
| 7/19/2019 | 1,371            | 1,253  | 650    | 1      | -             | 12,200           | -                                 | -                                 | -                                 | -                  | 15,475 | 116,306         | 16,615    | 3,275 | 3,304     | 12,200 | 13,311    |
| 7/20/2019 | 1,368            | 1,240  | 656    | 0      | -             | 17,312           | -                                 | -                                 | -                                 | -                  | 20,576 |                 |           | 3,264 |           | 17,312 |           |
| 7/21/2019 | 1,368            | 1,240  | 656    | 0      | -             | 17,312           | -                                 | -                                 | -                                 | -                  | 20,576 |                 |           | 3,264 |           | 17,312 |           |
| 7/22/2019 | 2,852            | 921    | 639    | 31     | -             | 20,186           | -                                 | -                                 | -                                 | -                  | 24,629 |                 |           | 4,443 |           | 20,186 |           |
| 7/23/2019 | 3,012            | 497    | 658    | 72     | -             | 6,632            | -                                 | -                                 | -                                 | -                  | 10,871 |                 |           | 4,239 |           | 6,632  |           |
| 7/24/2019 | 2,922            | 681    | 661    | 33     | -             | 12,816           | -                                 | -                                 | -                                 | -                  | 17,113 |                 |           | 4,297 |           | 12,816 |           |
| 7/25/2019 | 3,564            | 687    | 679    | 146    | -             | 13,283           | -                                 | -                                 | -                                 | -                  | 18,359 |                 |           | 5,076 |           | 13,283 |           |
| 7/26/2019 | 1,247            | 251    | 294    | 0      | -             | 14,286           | -                                 | -                                 | -                                 | -                  | 16,078 | 128,202         | 18,315    | 1,792 | 3,768     | 14,286 | 14,547    |
| 7/27/2019 | 0                | 0      | 0      | 0      | -             | 13,781           | -                                 | -                                 | -                                 | -                  | 13,781 |                 |           | 0     |           | 13,781 |           |
| 7/28/2019 | 0                | 0      | 0      | 0      | -             | 0                | -                                 | -                                 | -                                 | -                  | 0      |                 |           | 0     |           | 0      |           |
| 7/29/2019 | 1,527            | 391    | 865    | 9      | -             | 18,526           | -                                 | -                                 | -                                 | -                  | 21,318 |                 |           | 2,792 |           | 18,526 |           |
| 7/30/2019 | 1,822            | 228    | 1,099  | 0      | -             | 14,841           | -                                 | -                                 | -                                 | -                  | 17,990 |                 |           | 3,149 |           | 14,841 |           |
| 7/31/2019 | 1,538            | 929    | 1,038  | 0      | -             | 17,155           | -                                 | -                                 | -                                 | -                  | 20,660 |                 |           | 3,505 |           | 17,155 |           |
| 8/1/2019  | 1,524            | 897    | 1,011  | 0      | -             | 12,302           | -                                 | -                                 | -                                 | -                  | 15,734 |                 |           | 3,432 |           | 12,302 |           |
| 8/2/2019  | 1,608            | 898    | 1,060  | 0      | -             | 13,181           | -                                 | -                                 | -                                 | -                  | 16,747 | 106,230         | 15,176    | 3,566 | 2,349     | 13,181 | 12,827    |
| 8/3/2019  | 1,600            | 921    | 982    | 0      | -             | 30,215           | -                                 | -                                 | -                                 | -                  | 33,718 |                 |           | 3,503 |           | 30,215 |           |
| 8/4/2019  | 1,600            | 921    | 982    | 0      | -             | 30,215           | -                                 | -                                 | -                                 | -                  | 33,718 |                 |           | 3,503 |           | 30,215 |           |
| 8/5/2019  | 1,506            | 898    | 873    | 0      | -             | 27,129           | -                                 | -                                 | -                                 | -                  | 30,406 |                 |           | 3,277 |           | 27,129 |           |
| 8/6/2019  | 1,611            | 864    | 863    | 0      | -             | 25,019           | -                                 | -                                 | -                                 | -                  | 28,357 |                 |           | 3,338 |           | 25,019 |           |
| 8/7/2019  | 1,748            | 842    | 1,009  | 0      | -             | 27,182           | -                                 | -                                 | -                                 | -                  | 30,781 |                 |           | 3,599 |           | 27,182 |           |
| 8/8/2019  | 1,875            | 696    | 1,012  | 0      | -             | 27,816           | -                                 | -                                 | -                                 | -                  | 31,399 |                 |           | 3,583 |           | 27,816 |           |
| 8/9/2019  | 1,535            | 715    | 973    | 0      | -             | 11,035           | -                                 | -                                 | -                                 | -                  | 14,258 | 202,637         | 28,948    | 3,223 | 3,432     | 11,035 | 25,516    |
| 8/10/2019 | 1,614            | 931    | 1,146  | 0      | -             | 24,427           | -                                 | -                                 | -                                 | -                  | 28,118 |                 |           | 3,691 |           | 24,427 |           |
| 8/11/2019 | 1,614            | 931    | 1,146  | 1      | -             | 24,427           | -                                 | -                                 | -                                 | -                  | 28,119 |                 |           | 3,692 |           | 24,427 |           |
| 8/12/2019 | 1,647            | 565    | 927    | 0      | -             | 24,446           | -                                 | -                                 | -                                 | -                  | 27,585 |                 |           | 3,139 |           | 24,446 |           |
| 8/13/2019 | 2,187            | 228    | 919    | 19     | -             | 24,694           | -                                 | -                                 | -                                 | -                  | 28,047 |                 |           | 3,353 |           | 24,694 |           |
| 8/14/2019 | 2,277            | 0      | 949    | 4      | -             | 25,917           | -                                 | -                                 | -                                 | -                  | 29,147 |                 |           | 3,230 |           | 25,917 |           |
| 8/15/2019 | 2,519            | 0      | 925    | 32     | -             | 26,076           | -                                 | -                                 | -                                 | -                  | 29,552 |                 |           | 3,476 |           | 26,076 |           |
| 8/16/2019 | 471              | 17     | 188    | 7      | -             | 5,202            | -                                 | -                                 | -                                 | -                  | 5,885  | 176,453         | 25,208    | 683   | 3,038     | 5,202  | 22,170    |
| 8/17/2019 | 3                | 0      | 19     | 2      | -             | 20,455           | -                                 | -                                 | -                                 | -                  | 20,479 |                 |           | 24    |           | 20,455 |           |
| 8/18/2019 | 3                | 0      | 199    | 2      | -             | 20,455           | -                                 | -                                 | -                                 | -                  | 20,659 |                 |           | 204   |           | 20,455 |           |
| 8/19/2019 | 1,157            | 1,142  | 839    | 0      | -             | 22,050           | -                                 | -                                 | -                                 | -                  | 25,188 |                 |           | 3,138 |           | 22,050 |           |
| 8/20/2019 | 991              | 1,328  | 769    | 3      | -             | 24,001           | -                                 | -                                 | -                                 | -                  | 27,092 |                 |           | 3,091 |           | 24,001 |           |
| 8/21/2019 | 928              | 1,250  | 691    | 0      | -             | 16,959           | -                                 | -                                 | -                                 | -                  | 19,828 |                 |           | 2,869 |           | 16,959 |           |
| 8/22/2019 | 953              | 1,220  | 779    | 0      | -             | 25,993           | -                                 | -                                 | -                                 | -                  | 28,945 |                 |           | 2,952 |           | 25,993 |           |
| 8/23/2019 | 834              | 1,264  | 755    | 0      | -             | 28,482           | -                                 | -                                 | -                                 | -                  | 31,335 | 173,526         | 24,789    | 2,853 | 2,162     | 28,482 | 22,628    |
| 8/24/2019 | 228              | 1,270  | 708    | 0      | -             | 23,975           | -                                 | -                                 | -                                 | -                  | 26,181 |                 |           | 2,206 |           | 23,975 |           |
| 8/25/2019 | 228              | 1,270  | 708    | 0      | -             | 23,975           | -                                 | -                                 | -                                 | -                  | 26,181 |                 |           | 2,206 |           | 23,975 |           |
| 8/26/2019 | 0                | 1,430  | 726    | 0      | -             | 26,443           | -                                 | -                                 | -                                 | -                  | 28,599 |                 |           | 2,156 |           | 26,443 |           |
| 8/27/2019 | 0                | 1,254  | 688    | 0      | -             | 27,066           | -                                 | -                                 | -                                 | -                  | 29,008 |                 |           | 1,942 |           | 27,066 |           |
| 8/28/2019 | 0                | 1,289  | 728    | 0      | -             | 25,315           | -                                 | -                                 | -                                 | -                  | 27,332 |                 |           | 2,017 |           | 25,315 |           |
| 8/29/2019 | 0                | 1,405  | 736    | 0      | -             | 26,048           | -                                 | -                                 | -                                 | -                  | 28,189 |                 |           | 2,141 |           | 26,048 |           |

Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Dewatering Wells |        |        |        | Pump Stations |                  |                                   |                                   |                                   |                    | Total  | WEEKLY  |           | DWs   |           | PSs    |           |
|-----------|------------------|--------|--------|--------|---------------|------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|--------|---------|-----------|-------|-----------|--------|-----------|
|           | DW 1-1           | DW 1-2 | DW 2-1 | DW 2-2 | TPS-2         | PS-2<br>(CO 2-1) | Test Pump<br>Location<br>(CO 2-4) | Test Pump<br>Location<br>(CO 3-1) | Test Pump<br>Location<br>(CO 2-2) | TPS-2B<br>(CO 2-2) |        | TOTAL   | Daily Avg | Total | Daily Avg | Total  | Daily Avg |
|           | (gal)            | (gal)  | (gal)  | (gal)  | (gal)         | (gal)            | (gal)                             | (gal)                             | (gal)                             | (gal)              | (gpd)  | (gal)   | (gpd)     | (gal) | (gpd)     | (gal)  | (gpd)     |
| 8/30/2019 | 0                | 1,257  | 216    | 20     | -             | 24,718           | -                                 | -                                 | -                                 | -                  | 26,211 | 191,701 | 27,386    | 1,493 | 2,023     | 24,718 | 25,363    |
| 8/31/2019 | 0                | 1,297  | 0      | 12     | -             | 23,625           | -                                 | -                                 | -                                 | -                  | 24,934 |         |           | 1,309 |           | 23,625 |           |
|           |                  |        |        |        |               |                  |                                   |                                   |                                   |                    |        |         |           |       |           |        |           |

Appendix A - Pumping Data  
Dewatering Wells and Pump Stations



Weekly Supplemental Leachate Pumping Data  
Liquid Assessment Monitoring  
Southeast County Landfill

| Week Ending            | Condensate Traps<br>(gal) | LFG Extraction Wells<br>(gal) | Dewatering Wells<br>(gal) | Pump Stations<br>(gal) | Weekly Total<br>(gal) | Daily Average<br>(gpd) |
|------------------------|---------------------------|-------------------------------|---------------------------|------------------------|-----------------------|------------------------|
| 12/23/2016             | -                         | 4,296                         | -                         | -                      | 4,296                 | 1,074                  |
| 12/30/2016             | -                         | 8,024                         | -                         | -                      | 8,024                 | 1,146                  |
| 1/6/2017               | 2,518                     | 7,614                         | -                         | -                      | 10,132                | 1,447                  |
| 1/13/2017              | 10,516                    | 7,201                         | -                         | -                      | 17,717                | 2,531                  |
| 1/20/2017              | 15,952                    | 9,104                         | -                         | -                      | 25,056                | 3,579                  |
| 1/27/2017              | 12,999                    | 7,953                         | -                         | -                      | 20,952                | 2,993                  |
| 2/3/2017               | 13,991                    | 8,072                         | -                         | -                      | 22,063                | 3,152                  |
| 2/10/2017              | 29,162                    | 7,025                         | -                         | -                      | 36,187                | 5,170                  |
| 2/17/2017              | 64,513                    | 8,404                         | -                         | 2,000                  | 74,917                | 10,702                 |
| 2/24/2017              | 56,760                    | 6,811                         | -                         | 13,600                 | 77,171                | 11,024                 |
| 3/3/2017               | 16,376                    | 5,872                         | -                         | 14,600                 | 36,848                | 5,264                  |
| 3/10/2017              | 13,076                    | 5,373                         | -                         | 42,000                 | 60,449                | 8,636                  |
| 3/17/2017              | 14,365                    | 5,969                         | -                         | 84,000                 | 104,334               | 14,905                 |
| 3/24/2017              | 12,218                    | 6,003                         | -                         | 81,000                 | 99,221                | 14,174                 |
| 3/31/2017              | 9,808                     | 5,199                         | -                         | 63,000                 | 78,007                | 11,144                 |
| 4/7/2017               | 5,677                     | 4,874                         | -                         | 49,000                 | 59,551                | 8,507                  |
| 4/14/2017              | 3,292                     | 5,685                         | -                         | 42,000                 | 50,977                | 7,282                  |
| 4/21/2017              | 4,025                     | 7,550                         | -                         | 41,000                 | 52,575                | 7,511                  |
| 4/28/2017              | 3,529                     | 6,954                         | -                         | 34,600                 | 45,083                | 6,440                  |
| 5/5/2017               | 2,309                     | 6,159                         | -                         | 31,600                 | 40,068                | 5,724                  |
| 5/12/2017              | 1,279                     | 5,845                         | -                         | 27,000                 | 34,124                | 4,875                  |
| 5/19/2017              | 1,815                     | 4,793                         | 1,169                     | 24,100                 | 31,877                | 4,554                  |
| 5/26/2017              | 2,168                     | 5,792                         | 7,374                     | 34,140                 | 49,474                | 7,068                  |
| 6/2/2017               | 2,455                     | 5,188                         | 7,597                     | 23,937                 | 39,177                | 5,597                  |
| 6/9/2017               | 2,900                     | 4,639                         | 7,551                     | 24,033                 | 39,123                | 5,589                  |
| 6/16/2017              | 3,176                     | 3,367                         | 9,120                     | 18,636                 | 34,299                | 4,900                  |
| 6/23/2017              | 2,587                     | 4,111                         | 2,063                     | 22,735                 | 31,496                | 4,499                  |
| 6/30/2017              | 3,319                     | 4,112                         | 6,595                     | 21,412                 | 35,438                | 5,063                  |
| 7/7/2017               | 2,369                     | 4,303                         | 7,156                     | 35,711                 | 49,539                | 7,077                  |
| 7/14/2017              | 3,522                     | 4,376                         | 8,569                     | 37,025                 | 53,492                | 7,642                  |
| 7/21/2017              | 3,272                     | 8,131                         | 8,059                     | 51,131                 | 70,593                | 10,085                 |
| 7/28/2017              | 3,573                     | 10,250                        | 8,075                     | 46,326                 | 68,224                | 9,746                  |
| 8/4/2017 <sup>1</sup>  | 8,278                     | 25,125                        | 8,880                     | 98,630                 | 140,913               | 20,130                 |
| 8/11/2017              | 6,541                     | 64,449                        | 7,701                     | 170,324                | 249,015               | 35,574                 |
| 8/18/2017              | 4,889                     | 62,204                        | 8,951                     | 147,907                | 223,951               | 31,993                 |
| 8/25/2017              | 4,852                     | 62,896                        | 9,397                     | 139,376                | 216,521               | 30,932                 |
| 9/1/2017               | 55,411                    | 64,407                        | 9,876                     | 197,359                | 327,053               | 46,722                 |
| 9/8/2017               | 62,183                    | 75,863                        | 9,912                     | 132,878                | 280,836               | 40,119                 |
| 9/15/2017 <sup>2</sup> | 21,344                    | 15,941                        | 2,485                     | 171,276                | 211,046               | 30,149                 |
| 9/22/2017 <sup>2</sup> | 21,062                    | 24,538                        | 7,088                     | 152,090                | 204,778               | 29,254                 |



Weekly Supplemental Leachate Pumping Data  
Liquid Assessment Monitoring  
Southeast County Landfill

| Week Ending              | Condensate Traps<br>(gal) | LFG Extraction Wells<br>(gal) | Dewatering Wells<br>(gal) | Pump Stations<br>(gal) | Weekly Total<br>(gal) | Daily Average<br>(gpd) |
|--------------------------|---------------------------|-------------------------------|---------------------------|------------------------|-----------------------|------------------------|
| 9/29/2017                | 75,527                    | 52,154                        | 14,371                    | 201,676                | 343,728               | 49,104                 |
| 10/6/2017                | 60,611                    | 57,347                        | 12,037                    | 285,947                | 415,942               | 59,420                 |
| 10/13/2017               | 71,298                    | 51,515                        | 9,009                     | 151,615                | 283,437               | 40,491                 |
| 10/20/2017 <sup>3</sup>  | 78,470                    | 57,889                        | 1                         | 154,888                | 291,248               | 41,607                 |
| 10/27/2017               | 77,877                    | 25,324                        | 3,082                     | 344,539                | 450,822               | 64,403                 |
| 11/3/2017                | 93,276                    | 52,784                        | 15,743                    | 295,219                | 457,022               | 65,289                 |
| 11/10/2017               | 90,875                    | 50,207                        | 16,146                    | 180,432                | 337,660               | 48,237                 |
| 11/17/2017               | 96,443                    | 53,486                        | 14,756                    | 177,071                | 341,756               | 48,822                 |
| 11/24/2017               | 99,123                    | 49,385                        | 14,620                    | 246,012                | 409,140               | 58,449                 |
| 12/1/2017 <sup>4</sup>   | 100,387                   | 48,906                        | 14,013                    | 75,732                 | 239,038               | 34,148                 |
| 12/8/2017 <sup>4,5</sup> | 96,185                    | 51,690                        | 14,835                    | 44,435                 | 207,145               | 29,592                 |
| 12/15/2017 <sup>4</sup>  | 96,010                    | 45,467                        | 14,758                    | 37,714                 | 193,949               | 27,707                 |
| 12/22/2017 <sup>4</sup>  | 133,046                   | 48,074                        | 14,817                    | 35,702                 | 231,639               | 33,091                 |
| 12/29/2017 <sup>8</sup>  | 189,864                   | 48,139                        | 14,646                    | 55,554                 | 308,203               | 44,029                 |
| 1/5/2018 <sup>6</sup>    | 70,623                    | 47,514                        | 13,608                    | 172,332                | 304,077               | 43,440                 |
| 1/12/2018 <sup>7</sup>   | 72,915                    | 33,406                        | 9,817                     | 123,399                | 239,537               | 34,220                 |
| 1/19/2018 <sup>8</sup>   | 129,553                   | 45,763                        | 10,453                    | 120,587                | 306,356               | 43,765                 |
| 1/26/2018 <sup>8</sup>   | 163,579                   | 46,519                        | 10,942                    | 101,490                | 322,530               | 46,076                 |
| 2/2/2018                 | 147,769                   | 45,646                        | 12,672                    | 163,034                | 369,121               | 52,732                 |
| 2/9/2018                 | 76,459                    | 29,950                        | 13,106                    | 126,081                | 245,596               | 35,085                 |
| 2/16/2018                | 44,660                    | 18,088                        | 11,610                    | 141,977                | 216,335               | 30,905                 |
| 2/23/2018                | 627                       | 17,140                        | 10,827                    | 138,050                | 166,644               | 23,806                 |
| 3/2/2018                 | 1,125                     | 22,122                        | 6,227                     | 118,247                | 147,721               | 21,103                 |
| 3/9/2018                 | 907                       | 12,699                        | 3,945                     | 76,321                 | 93,872                | 13,410                 |
| 3/16/2018                | 884                       | 22,354                        | 12,456                    | 109,885                | 145,579               | 20,797                 |
| 3/23/2018                | 566                       | 16,186                        | 13,931                    | 81,563                 | 112,246               | 16,035                 |
| 3/30/2018                | 1,037                     | 2,959                         | 9,899                     | 109,604                | 123,499               | 17,643                 |
| 4/6/2018                 | 180                       | 3,309                         | 5,816                     | 126,304                | 135,609               | 19,373                 |
| 4/13/2018                | 288                       | 5,539                         | 5,056                     | 135,041                | 145,924               | 20,846                 |
| 4/20/2018                | 332                       | 4,426                         | 9,424                     | 158,893                | 173,075               | 24,725                 |
| 4/27/2018                | 1,211                     | 8,176                         | 5,154                     | 134,289                | 148,830               | 21,261                 |
| 5/4/2018                 | 1,031                     | 4,960                         | 7,148                     | 144,008                | 157,147               | 22,450                 |
| 5/11/2018                | 603                       | 811                           | 5,227                     | 115,756                | 122,397               | 17,485                 |
| 5/18/2018                | 2,305                     | 1,747                         | 13,336                    | 124,359                | 141,747               | 20,250                 |
| 5/25/2018                | 4,339                     | 5,693                         | 13,481                    | 144,579                | 168,092               | 24,013                 |
| 6/1/2018                 | 9,329                     | 9,886                         | 15,446                    | 142,902                | 177,563               | 25,366                 |
| 6/8/2018                 | 1,978                     | 8,266                         | 15,229                    | 106,707                | 132,180               | 18,883                 |
| 6/15/2018                | 1,461                     | 15,175                        | 14,371                    | 116,663                | 147,670               | 21,096                 |
| 6/22/2018                | 617                       | 6,684                         | 18,438                    | 109,495                | 135,234               | 19,319                 |

Weekly Supplemental Leachate Pumping Data  
Liquid Assessment Monitoring  
Southeast County Landfill

| Week Ending              | Condensate<br>Traps<br>(gal) | LFG Extraction<br>Wells<br>(gal) | Dewatering<br>Wells<br>(gal) | Pump Stations<br>(gal) | Weekly Total<br>(gal) | Daily Average<br>(gpd) |
|--------------------------|------------------------------|----------------------------------|------------------------------|------------------------|-----------------------|------------------------|
| 6/29/2018                | 1,213                        | 16,927                           | 11,049                       | 134,060                | 163,249               | 23,321                 |
| 7/6/2018                 | 7,730                        | 9,852                            | 8,253                        | 157,507                | 183,342               | 26,192                 |
| 7/13/2018                | 1,892                        | 3,001                            | 8,996                        | 154,710                | 168,599               | 24,086                 |
| 7/20/2018                | 1,842                        | 7,682                            | 9,410                        | 128,666                | 147,600               | 21,086                 |
| 7/27/2018                | 6,947                        | 9,472                            | 9,807                        | 177,320                | 203,546               | 29,078                 |
| 8/3/2018                 | 5,607                        | 7,034                            | 10,418                       | 172,092                | 195,151               | 27,879                 |
| 8/10/2018                | 2,549                        | 9,391                            | 11,736                       | 237,256                | 260,932               | 37,276                 |
| 8/17/2018                | 1,991                        | 9,891                            | 13,521                       | 207,336                | 232,739               | 33,248                 |
| 8/24/2018                | 1,422                        | 11,398                           | 12,739                       | 179,140                | 204,699               | 29,243                 |
| 8/31/2018                | 5,520                        | 6,968                            | 15,341                       | 227,801                | 255,630               | 36,519                 |
| 9/7/2018                 | 3,008                        | 14,228                           | 18,357                       | 256,153                | 291,746               | 41,678                 |
| 9/14/2018                | 3,785                        | 13,662                           | 20,324                       | 281,725                | 319,496               | 45,642                 |
| 9/21/2018                | 5,368                        | 12,239                           | 20,375                       | 236,541                | 274,523               | 39,218                 |
| 9/28/2018                | 3,428                        | 11,649                           | 20,670                       | 261,165                | 296,912               | 42,416                 |
| 10/5/2018                | 3,903                        | 8,919                            | 10,694                       | 199,384                | 222,900               | 31,843                 |
| 10/12/2018               | 2,662                        | 7,558                            | 7,645                        | 205,569                | 223,434               | 31,919                 |
| 10/19/2018               | 2,711                        | 6,374                            | 8,363                        | 161,748                | 179,196               | 25,599                 |
| 10/26/2018 <sup>9</sup>  | 3,428                        | 6,449                            | 8,981                        | 170,490                | 189,348               | 27,050                 |
| 11/2/2018 <sup>9</sup>   | 5,730                        | 6,087                            | 11,535                       | 144,398                | 167,750               | 23,964                 |
| 11/9/2018 <sup>9</sup>   | 6,324                        | 5,446                            | 15,845                       | 160,302                | 187,917               | 26,845                 |
| 11/16/2018 <sup>9</sup>  | 6,280                        | 4,922                            | 13,691                       | 127,290                | 152,183               | 21,740                 |
| 11/23/2018 <sup>9</sup>  | 4,976                        | 5,442                            | 9,098                        | 141,010                | 160,526               | 22,932                 |
| 11/30/2018 <sup>10</sup> | 4,454                        | 4,775                            | 9,669                        | 75,217                 | 94,115                | 13,445                 |
| 12/7/2018 <sup>11</sup>  | 6,401                        | 3,249                            | 7,672                        | 76,650                 | 93,972                | 13,425                 |
| 12/14/2018 <sup>11</sup> | 8,990                        | 3,593                            | 10,649                       | 120,753                | 143,985               | 20,569                 |
| 12/21/2018               | 11,552                       | 2,924                            | 13,686                       | 35,133                 | 63,295                | 9,042                  |
| 12/28/2018               | 6,555                        | 2,866                            | 16,500                       | 57,320                 | 83,241                | 11,892                 |
| 1/4/2019                 | 6,846                        | 3,161                            | 27,352                       | 17,700                 | 55,059                | 7,866                  |
| 1/11/2019                | 6,863                        | 2,867                            | 33,798                       | 0                      | 43,528                | 6,218                  |
| 1/18/2019                | 6,107                        | 3,192                            | 35,769                       | 229,311                | 274,379               | 39,197                 |
| 1/25/2019                | 4,145                        | 3,565                            | 37,225                       | 237,384                | 282,319               | 40,331                 |
| 2/1/2019                 | 2,778                        | 3,981                            | 37,643                       | 208,228                | 252,630               | 36,090                 |
| 2/8/2019                 | 1,684                        | 3,876                            | 23,839                       | 196,423                | 225,822               | 32,260                 |
| 2/15/2019                | 2,867                        | 3,960                            | 17,853                       | 192,627                | 217,307               | 31,044                 |
| 2/22/2019                | 3,138                        | 4,070                            | 17,109                       | 186,207                | 210,524               | 30,075                 |
| 3/1/2019                 | 2,745                        | 4,031                            | 17,498                       | 131,622                | 155,896               | 22,271                 |
| 3/8/2019                 | 2,124                        | 4,405                            | 15,140                       | 104,506                | 126,175               | 18,025                 |
| 3/15/2019                | 2,035                        | 3,544                            | 16,506                       | 181,954                | 204,039               | 29,148                 |
| 3/22/2019                | 1,766                        | 3,064                            | 19,759                       | 170,182                | 194,771               | 27,824                 |

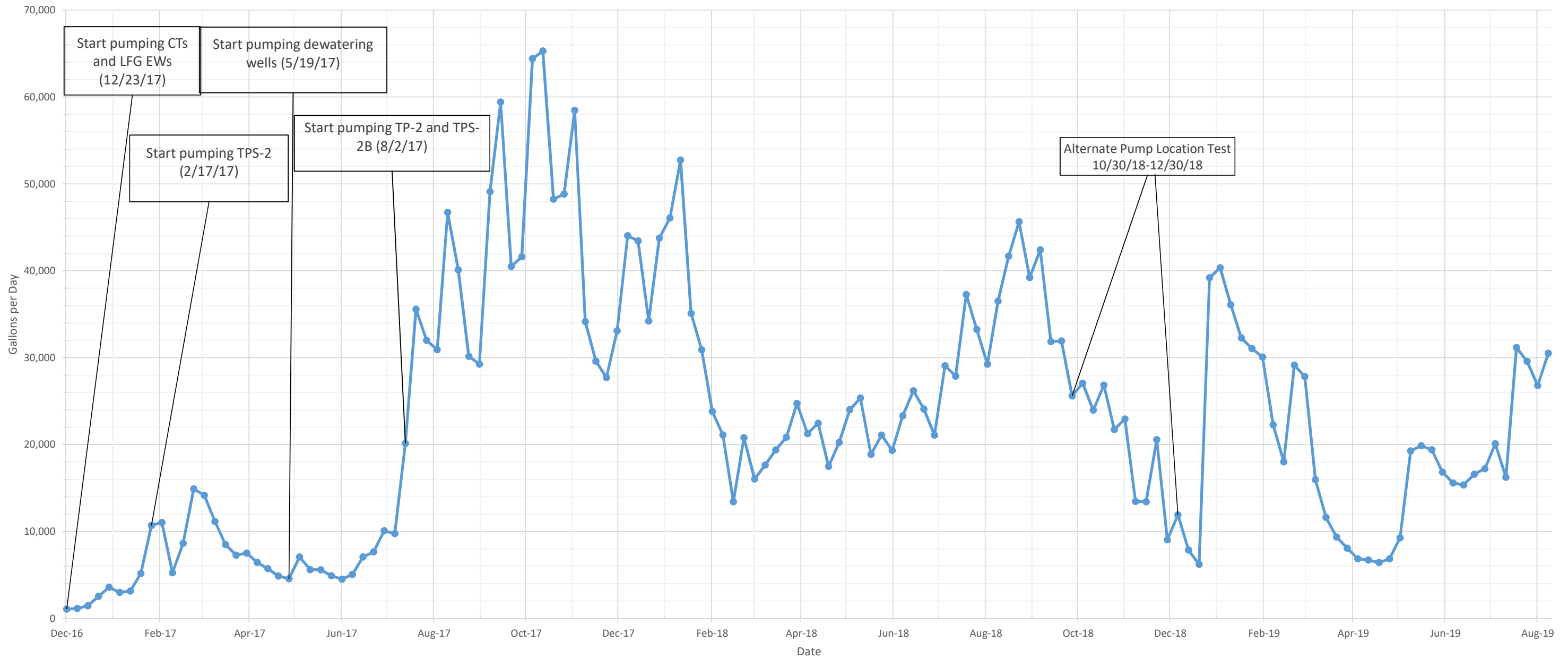
Weekly Supplemental Leachate Pumping Data  
Liquid Assessment Monitoring  
Southeast County Landfill

| Week Ending             | Condensate Traps<br>(gal) | LFG Extraction Wells<br>(gal) | Dewatering Wells<br>(gal) | Pump Stations<br>(gal) | Weekly Total<br>(gal) | Daily Average<br>(gpd) |
|-------------------------|---------------------------|-------------------------------|---------------------------|------------------------|-----------------------|------------------------|
| 3/29/2019 <sup>12</sup> | 1,681                     | 2,832                         | 14,449                    | 92,747                 | 111,709               | 15,958                 |
| 4/5/2019 <sup>12</sup>  | 1,677                     | 2,764                         | 15,420                    | 61,503                 | 81,364                | 11,623                 |
| 4/12/2019 <sup>12</sup> | 1,763                     | 3,052                         | 18,189                    | 42,464                 | 65,468                | 9,353                  |
| 4/19/2019 <sup>12</sup> | 1,566                     | 2,577                         | 15,876                    | 36,520                 | 56,539                | 8,077                  |
| 4/26/2019 <sup>12</sup> | 1,250                     | 2,489                         | 12,193                    | 32,139                 | 48,071                | 6,867                  |
| 5/3/2019 <sup>12</sup>  | 1,802                     | 2,608                         | 13,902                    | 28,684                 | 46,996                | 6,714                  |
| 5/10/2019 <sup>12</sup> | 1,933                     | 2,638                         | 14,317                    | 26,023                 | 44,911                | 6,416                  |
| 5/17/2019 <sup>12</sup> | 1,856                     | 2,455                         | 14,400                    | 29,262                 | 47,973                | 6,853                  |
| 5/24/2019 <sup>12</sup> | 1,511                     | 2,199                         | 13,816                    | 47,367                 | 64,893                | 9,270                  |
| 5/31/2019 <sup>12</sup> | 1,597                     | 2,189                         | 15,510                    | 115,654                | 134,950               | 19,279                 |
| 6/7/2019                | 1,483                     | 2,153                         | 16,950                    | 118,467                | 139,053               | 19,865                 |
| 6/14/2019               | 1,533                     | 1,995                         | 20,413                    | 111,813                | 135,754               | 19,393                 |
| 6/21/2019               | 1,224                     | 2,022                         | 18,475                    | 96,176                 | 117,897               | 16,842                 |
| 6/28/2019               | 1,235                     | 1,067                         | 15,619                    | 91,188                 | 109,109               | 15,587                 |
| 7/5/2019                | 1,541                     | 1,773                         | 19,870                    | 84,321                 | 107,505               | 15,358                 |
| 7/12/2019               | 1,762                     | 1,893                         | 22,000                    | 90,456                 | 116,111               | 16,587                 |
| 7/19/2019               | 2,132                     | 2,033                         | 23,129                    | 93,177                 | 120,471               | 17,210                 |
| 7/26/2019               | 10,486                    | 1,998                         | 26,375                    | 101,827                | 140,686               | 20,098                 |
| 8/2/2019                | 1,765                     | 5,681                         | 16,444                    | 89,786                 | 113,676               | 16,239                 |
| 8/9/2019                | 3,882                     | 11,618                        | 24,026                    | 178,611                | 218,137               | 31,162                 |
| 8/16/2019               | 7,603                     | 23,057                        | 21,264                    | 155,189                | 207,113               | 29,588                 |
| 8/23/2019               | 1,447                     | 12,591                        | 15,131                    | 158,395                | 187,564               | 26,795                 |
| 8/30/2019               | 2,350                     | 19,510                        | 14,161                    | 177,540                | 213,561               | 30,509                 |
| Total                   | 2,825,896                 | 2,090,765                     | 1,614,515                 | 15,904,717             | 22,435,893            |                        |

Notes

1. Installed suction line in Phase II header.
2. Pumps shut down during and following Hurricane Irma.
3. Dewatering wells shut down for maintenance 10/12/17 through 10/26/17.
4. PS-2 shut down for construction at cut-off trench from 11/27/17 through 12/28/17.
5. PS-2B shut down for construction at cut-off trench from 12/7/17 through 12/11/17.
6. PS-2B shut down to check liquid levels in MP 2-2 and MP 2-3 from 12/28/17 through 1/5/18.
7. All supplemental dewatering pumps shut down for Phase II dye tracer test 1/9/18 and 1/10/18.
8. PS-2 shut down for maintenance 1/16, 1/19, 1/20, 1/24, and 1/25, 2018.
9. Evaluate TPS 2-4 10/29/2018 through 11/26/2018 and 12/24/2018 through 12/30/2018.
10. Evaluate TPS 3-1 11/27/2018 through 12/5/2018 and 12/17/2018 through 12/23/2018.
11. Evaluate TPS 2-2 12/6/2018 through 12/16/2018.
12. PS-2 pump moved from CO 2-1 to CO 2-3 from 3/25/2019 through 7/18/2019 during construction of pump station at CO 2-1.

Appendix A  
Average Daily Flow per Week





## **Appendix B**

### **Weekly Water Level and Precipitation Data**

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-01         | 6/3/2016          | 56.9                     | 188.35                   | 131.5                  | 118.3                   | 13.2                        |                                 |
|       |               | 6/8/2016          | 59.5                     |                          | 128.9                  |                         | 10.6                        |                                 |
|       |               | 6/9/2016          | 61.3                     |                          | 127.1                  |                         | 8.8                         |                                 |
|       |               | 6/16/2016         | 61.2                     |                          | 127.2                  |                         | 8.9                         |                                 |
|       |               | 6/21/2016         | 61.1                     |                          | 127.3                  |                         | 9.0                         |                                 |
|       |               | 6/22/2016         | 61.5                     |                          | 126.9                  |                         | 8.6                         |                                 |
|       |               | 6/28/2016         | 61.2                     |                          | 127.2                  |                         | 8.9                         |                                 |
|       |               | 7/13/2016         | 61.1                     |                          | 127.3                  |                         | 9.0                         |                                 |
|       |               | 7/29/2016         | 61.8                     |                          | 126.6                  |                         | 8.3                         |                                 |
|       |               | 8/5/2016          | 60.7                     |                          | 127.7                  |                         | 9.3                         |                                 |
|       |               | 8/12/2016         | 60.4                     |                          | 128.0                  |                         | 9.6                         |                                 |
|       |               | 8/19/2016         | 60.3                     |                          | 128.1                  |                         | 9.8                         |                                 |
|       |               | 8/26/2016         | 60.2                     |                          | 128.2                  |                         | 9.8                         |                                 |
|       |               | 9/2/2016          | 60.0                     |                          | 128.4                  |                         | 10.1                        |                                 |
|       |               | 9/9/2016          | 60.0                     |                          | 128.4                  |                         | 10.1                        |                                 |
|       |               | 9/16/2016         | 59.8                     |                          | 128.6                  |                         | 10.3                        |                                 |
|       |               | 9/23/2016         | 59.2                     |                          | 129.2                  |                         | 10.9                        |                                 |
|       |               | 9/30/2016         | 58.8                     |                          | 129.6                  |                         | 11.3                        |                                 |
|       |               | 10/11/2016        | 58.6                     |                          | 129.8                  |                         | 11.5                        |                                 |
|       |               | 10/14/2016        | 58.6                     |                          | 129.8                  |                         | 11.5                        |                                 |
|       |               | 10/21/2016        | 57.8                     |                          | 130.6                  |                         | 12.3                        |                                 |
|       |               | 10/28/2016        | 58.0                     |                          | 130.4                  |                         | 12.1                        |                                 |
|       |               | 11/4/2016         | 58.0                     |                          | 130.4                  |                         | 12.1                        |                                 |
|       |               | 11/11/2016        | 58.2                     |                          | 130.2                  |                         | 11.9                        |                                 |
|       |               | 11/18/2016        | 58.5                     |                          | 129.9                  |                         | 11.6                        |                                 |
|       |               | 11/25/2016        | 58.8                     |                          | 129.6                  |                         | 11.3                        |                                 |
|       |               | 12/2/2016         | 58.2                     |                          | 130.2                  |                         | 11.9                        |                                 |
|       |               | 12/9/2016         | 58.7                     |                          | 129.7                  |                         | 11.4                        |                                 |
|       |               | 12/16/2016        | 58.7                     |                          | 129.7                  |                         | 11.4                        |                                 |
|       |               | 12/23/2016        | 58.7                     |                          | 129.7                  |                         | 11.4                        |                                 |
|       |               | 12/30/2016        | 58.7                     |                          | 129.7                  |                         | 11.4                        |                                 |
|       |               | 1/6/2017          | 58.6                     |                          | 129.8                  |                         | 11.5                        |                                 |
|       |               | 1/13/2017         | 59.2                     |                          | 129.2                  |                         | 10.9                        |                                 |
|       |               | 1/20/2017         | 58.8                     |                          | 129.6                  |                         | 11.3                        |                                 |
|       |               | 1/27/2017         | 59.3                     |                          | 129.1                  |                         | 10.8                        |                                 |
|       |               | 2/3/2017          | 59.6                     |                          | 128.8                  |                         | 10.5                        |                                 |
|       |               | 2/10/2017         | 59.7                     |                          | 128.7                  |                         | 10.4                        |                                 |
|       |               | 2/17/2017         | 59.6                     |                          | 128.8                  |                         | 10.5                        |                                 |
|       |               | 2/24/2017         | 59.3                     |                          | 129.1                  |                         | 10.8                        |                                 |
|       |               | 3/3/2017          | 59.9                     |                          | 128.5                  |                         | 10.2                        |                                 |
|       |               | 3/10/2017         | 59.5                     |                          | 128.9                  |                         | 10.6                        |                                 |
|       |               | 3/17/2017         | 60.0                     |                          | 128.4                  |                         | 10.1                        |                                 |
|       |               | 3/24/2017         | 59.9                     |                          | 128.5                  |                         | 10.2                        |                                 |
|       |               | 3/31/2017         | 59.5                     |                          | 128.9                  |                         | 10.6                        |                                 |
|       |               | 4/7/2017          | 59.8                     |                          | 128.6                  |                         | 10.3                        |                                 |
|       |               | 4/13/2017         | 59.9                     |                          | 128.5                  |                         | 10.2                        |                                 |
|       |               | 4/21/2017         | 59.9                     |                          | 128.5                  |                         | 10.2                        |                                 |
|       |               | 4/28/2017         | 60.0                     |                          | 128.4                  |                         | 10.1                        |                                 |
|       |               | 5/5/2017          | 59.6                     |                          | 128.8                  |                         | 10.5                        |                                 |
|       |               | 5/12/2017         | 59.8                     |                          | 128.6                  |                         | 10.3                        |                                 |
|       |               | 5/19/2017         | 60.2                     |                          | 128.2                  |                         | 9.8                         |                                 |
|       |               | 5/26/2017         | 60.3                     |                          | 128.1                  |                         | 9.8                         |                                 |
|       |               | 6/2/2017          | 60.2                     |                          | 128.2                  |                         | 9.8                         |                                 |
|       |               | 6/9/2017          | 59.7                     |                          | 128.7                  |                         | 10.4                        |                                 |
|       |               | 6/16/2017         | 58.6                     |                          | 129.8                  |                         | 11.5                        |                                 |
|       |               | 6/23/2017         | 60.1                     |                          | 128.3                  |                         | 10.0                        |                                 |
|       |               | 6/30/2017         | 60.7                     |                          | 127.7                  |                         | 9.3                         |                                 |
|       |               | 7/7/2017          | 60.8                     |                          | 127.6                  |                         | 9.3                         |                                 |
|       |               | 7/14/2017         | 56.5                     |                          | 131.9                  |                         | 13.6                        |                                 |
|       |               | 7/21/2017         | 58.5                     |                          | 129.9                  |                         | 11.6                        |                                 |
|       |               | 7/28/2017         | 60.4                     |                          | 128.0                  |                         | 9.6                         |                                 |
|       |               | 8/4/2017          | 60.1                     |                          | 128.3                  |                         | 10.0                        |                                 |
|       |               | 8/11/2017         | 60.6                     |                          | 127.8                  |                         | 9.5                         |                                 |
|       |               | 8/18/2017         | 59.8                     |                          | 128.6                  |                         | 10.3                        |                                 |
|       |               | 8/25/2017         | 60.7                     |                          | 127.7                  |                         | 9.3                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-01         | 9/1/2017          | 60.7                     |                          | 127.7                  |                         | 9.3                         |                                 |
|       |               | 9/8/2017          | 59.8                     |                          | 128.6                  |                         | 10.3                        |                                 |
|       |               | 9/15/2017         | 54.5                     |                          | 133.9                  |                         | 15.6                        |                                 |
|       |               | 9/22/2017         | 59.2                     |                          | 129.2                  |                         | 10.9                        |                                 |
|       |               | 9/29/2017         | 59.3                     |                          | 129.1                  |                         | 10.8                        |                                 |
|       |               | 10/6/2017         | 59.0                     |                          | 129.4                  |                         | 11.1                        |                                 |
|       |               | 10/13/2017        | 59.0                     |                          | 129.4                  |                         | 11.1                        |                                 |
|       |               | 10/20/2017        | 59.0                     |                          | 129.4                  |                         | 11.1                        |                                 |
|       |               | 10/27/2017        | 59.2                     |                          | 129.2                  |                         | 10.9                        |                                 |
|       |               | 11/3/2017         | 59.3                     |                          | 129.1                  |                         | 10.8                        |                                 |
|       |               | 11/10/2017        | 59.3                     |                          | 129.1                  |                         | 10.8                        |                                 |
|       |               | 11/17/2017        | 59.5                     |                          | 128.9                  |                         | 10.6                        |                                 |
|       |               | 11/24/2017        | 59.3                     |                          | 129.1                  |                         | 10.8                        |                                 |
|       |               | 12/1/2017         | 59.8                     |                          | 128.6                  |                         | 10.3                        |                                 |
|       |               | 12/8/2017         | 59.4                     |                          | 129.0                  |                         | 10.7                        |                                 |
|       |               | 12/15/2017        | 59.7                     |                          | 128.7                  |                         | 10.4                        |                                 |
|       |               | 12/22/2017        | 59.7                     |                          | 128.7                  |                         | 10.4                        |                                 |
|       |               | 12/29/2017        | 59.8                     |                          | 128.6                  |                         | 10.3                        |                                 |
|       |               | 1/5/2018          | 60.2                     |                          | 128.2                  |                         | 9.8                         |                                 |
|       |               | 1/12/2018         | 59.7                     |                          | 128.7                  |                         | 10.4                        | -0.5                            |
|       |               | 1/19/2018         | 59.7                     |                          | 128.7                  |                         | 10.4                        | -0.9                            |
|       |               | 1/26/2018         | 60.4                     |                          | 128.0                  |                         | 9.6                         | -1.1                            |
|       |               | 2/2/2018          | 60.3                     |                          | 128.1                  |                         | 9.8                         | -0.7                            |
|       |               | 2/9/2018          | 60.5                     |                          | 127.9                  |                         | 9.6                         | -0.8                            |
|       |               | 2/16/2018         | 60.5                     |                          | 127.9                  |                         | 9.6                         | -0.9                            |
|       |               | 2/23/2018         | 61.0                     |                          | 127.4                  |                         | 9.1                         | -1.7                            |
|       |               | 3/2/2018          | 60.9                     |                          | 127.5                  |                         | 9.1                         | -1.0                            |
|       |               | 3/9/2018          | 61.1                     |                          | 127.3                  |                         | 9.0                         | -1.6                            |
|       |               | 3/16/2018         | 61.2                     |                          | 127.1                  |                         | 8.8                         | -1.2                            |
|       |               | 3/23/2018         | 61.7                     |                          | 126.7                  |                         | 8.3                         | -1.8                            |
|       |               | 3/30/2018         | 61.3                     |                          | 127.1                  |                         | 8.8                         | -1.8                            |
|       |               | 4/6/2018          | 61.2                     |                          | 127.2                  |                         | 8.8                         | -1.4                            |
|       |               | 4/13/2018         | 61.7                     |                          | 126.7                  |                         | 8.3                         | -1.8                            |
|       |               | 4/20/2018         | 61.7                     |                          | 126.7                  |                         | 8.3                         | -1.8                            |
|       |               | 4/27/2018         | 61.6                     |                          | 126.8                  |                         | 8.5                         | -1.6                            |
|       |               | 5/4/2018          | 61.9                     |                          | 126.5                  |                         | 8.1                         | -2.3                            |
|       |               | 5/11/2018         | 62.3                     |                          | 126.1                  |                         | 7.8                         | -2.5                            |
|       |               | 5/18/2018         | 57.1                     |                          | 131.3                  |                         | 13.0                        | 3.1                             |
|       |               | 5/25/2018         | 60.0                     |                          | 128.4                  |                         | 10.1                        | 0.3                             |
|       |               | 6/1/2018          | 60.2                     |                          | 128.2                  |                         | 9.8                         | 0.0                             |
|       |               | 6/8/2018          | 60.2                     |                          | 128.2                  |                         | 9.8                         | -0.5                            |
|       |               | 6/15/2018         | 60.5                     |                          | 127.9                  |                         | 9.5                         | -2.0                            |
|       |               | 6/22/2018         | 60.4                     |                          | 128.0                  |                         | 9.6                         | -0.3                            |
|       |               | 6/29/2018         | 60.4                     |                          | 128.0                  |                         | 9.6                         | 0.3                             |
|       |               | 7/6/2018          | 61.0                     |                          | 127.4                  |                         | 9.1                         | -0.2                            |
|       |               | 7/13/2018         | 61.0                     |                          | 127.4                  |                         | 9.1                         | -4.5                            |
|       |               | 7/20/2018         | 60.3                     |                          | 128.1                  |                         | 9.8                         | -1.8                            |
|       |               | 7/27/2018         | 60.0                     |                          | 128.4                  |                         | 10.1                        | 0.4                             |
|       |               | 8/3/2018          | 60.0                     |                          | 128.4                  |                         | 10.1                        | 0.1                             |
|       |               | 8/10/2018         | 60.1                     |                          | 128.3                  |                         | 10.0                        | 0.5                             |
|       |               | 8/17/2018         | 59.7                     |                          | 128.7                  |                         | 10.4                        | 0.1                             |
|       |               | 8/24/2018         | 59.8                     |                          | 128.6                  |                         | 10.3                        | 0.9                             |
|       |               | 8/31/2018         | 54.6                     |                          | 133.8                  |                         | 15.5                        | 6.1                             |
|       |               | 9/7/2018          | 55.7                     |                          | 132.7                  |                         | 14.4                        | 4.1                             |
|       |               | 9/14/2018         | 54.6                     |                          | 133.8                  |                         | 15.5                        | -0.1                            |
|       |               | 9/21/2018         | 59.0                     |                          | 129.4                  |                         | 11.1                        | 0.2                             |
|       |               | 9/28/2018         | 58.7                     |                          | 129.7                  |                         | 11.4                        | 0.6                             |
|       |               | 10/5/2018         | 58.3                     |                          | 130.1                  |                         | 11.8                        | 0.7                             |
|       |               | 10/12/2018        | 58.0                     |                          | 130.4                  |                         | 12.1                        | 1.0                             |
|       |               | 10/19/2018        | 58.1                     |                          | 130.3                  |                         | 12.0                        | 0.9                             |
|       |               | 10/26/2018        | 58.2                     |                          | 130.2                  |                         | 11.9                        | 1.0                             |
|       |               | 11/2/2018         | 57.8                     |                          | 130.6                  |                         | 12.3                        | 1.5                             |
|       |               | 11/9/2018         | See Note 23              |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-02         | 6/9/2016          | 54.5                     | 187.62                   | 133.1                  | 117.9                   | 15.2                        |                                 |
|       |               | 6/11/2016         | 56.5                     |                          | 131.2                  |                         | 13.3                        |                                 |
|       |               | 6/14/2016         | 56.0                     |                          | 131.7                  |                         | 13.8                        |                                 |
|       |               | 6/16/2016         | 54.6                     |                          | 133.0                  |                         | 15.1                        |                                 |
|       |               | 6/21/2016         | 56.2                     |                          | 131.4                  |                         | 13.5                        |                                 |
|       |               | 6/22/2016         | 55.4                     |                          | 132.2                  |                         | 14.3                        |                                 |
|       |               | 6/28/2016         | 56.1                     |                          | 131.5                  |                         | 13.6                        |                                 |
|       |               | 7/13/2016         | 54.8                     |                          | 132.9                  |                         | 15.0                        |                                 |
|       |               | 7/29/2016         | 54.9                     |                          | 132.8                  |                         | 14.9                        |                                 |
|       |               | 8/5/2016          | 56.3                     |                          | 131.3                  |                         | 13.4                        |                                 |
|       |               | 8/12/2016         | 55.6                     |                          | 132.0                  |                         | 14.1                        |                                 |
|       |               | 8/19/2016         | 55.8                     |                          | 131.8                  |                         | 13.9                        |                                 |
|       |               | 8/26/2016         | 55.8                     |                          | 131.8                  |                         | 13.9                        |                                 |
|       |               | 9/2/2016          | 55.7                     |                          | 131.9                  |                         | 14.0                        |                                 |
|       |               | 9/9/2016          | 55.7                     |                          | 131.9                  |                         | 14.0                        |                                 |
|       |               | 9/16/2016         | 55.5                     |                          | 132.1                  |                         | 14.2                        |                                 |
|       |               | 9/23/2016         | 54.9                     |                          | 132.7                  |                         | 14.8                        |                                 |
|       |               | 9/30/2016         | 54.6                     |                          | 133.0                  |                         | 15.1                        |                                 |
|       |               | 10/11/2016        | 54.3                     |                          | 133.3                  |                         | 15.4                        |                                 |
|       |               | 10/14/2016        | 54.5                     |                          | 133.1                  |                         | 15.2                        |                                 |
|       |               | 10/21/2016        | 54.0                     |                          | 133.6                  |                         | 15.7                        |                                 |
|       |               | 10/28/2016        | 55.5                     |                          | 132.1                  |                         | 14.2                        |                                 |
|       |               | 11/4/2016         | 54.0                     |                          | 133.6                  |                         | 15.7                        |                                 |
|       |               | 11/11/2016        | 54.4                     |                          | 133.2                  |                         | 15.3                        |                                 |
|       |               | 11/18/2016        | 54.5                     |                          | 133.1                  |                         | 15.2                        |                                 |
|       |               | 11/25/2016        | 54.6                     |                          | 133.0                  |                         | 15.1                        |                                 |
|       |               | 12/2/2016         | 54.9                     |                          | 132.7                  |                         | 14.8                        |                                 |
|       |               | 12/9/2016         | 55.0                     |                          | 132.6                  |                         | 14.7                        |                                 |
|       |               | 12/16/2016        | 55.0                     |                          | 132.6                  |                         | 14.7                        |                                 |
|       |               | 12/23/2016        | 55.0                     |                          | 132.6                  |                         | 14.7                        |                                 |
|       |               | 12/30/2016        | 55.1                     |                          | 132.5                  |                         | 14.6                        |                                 |
|       |               | 1/6/2017          | 55.0                     |                          | 132.6                  |                         | 14.7                        |                                 |
|       |               | 1/13/2017         | 55.4                     |                          | 132.2                  |                         | 14.3                        |                                 |
|       |               | 1/20/2017         | 54.9                     |                          | 132.7                  |                         | 14.8                        |                                 |
|       |               | 1/27/2017         | 55.4                     |                          | 132.2                  |                         | 14.3                        |                                 |
|       |               | 2/3/2017          | 55.6                     |                          | 132.0                  |                         | 14.1                        |                                 |
|       |               | 2/10/2017         | 55.6                     |                          | 132.0                  |                         | 14.1                        |                                 |
|       |               | 2/17/2017         | 55.6                     |                          | 132.0                  |                         | 14.1                        |                                 |
|       |               | 2/24/2017         | 55.4                     |                          | 132.2                  |                         | 14.3                        |                                 |
|       |               | 3/3/2017          | 55.9                     |                          | 131.7                  |                         | 13.8                        |                                 |
|       |               | 3/10/2017         | 55.8                     |                          | 131.8                  |                         | 13.9                        |                                 |
|       |               | 3/17/2017         | 56.2                     |                          | 131.4                  |                         | 13.5                        |                                 |
|       |               | 3/24/2017         | 56.2                     |                          | 131.4                  |                         | 13.5                        |                                 |
|       |               | 3/31/2017         | 55.8                     |                          | 131.8                  |                         | 13.9                        |                                 |
|       |               | 4/7/2017          | 56.4                     |                          | 131.2                  |                         | 13.3                        |                                 |
|       |               | 4/13/2017         | 56.5                     |                          | 131.1                  |                         | 13.2                        |                                 |
|       |               | 4/21/2017         | 56.4                     |                          | 131.2                  |                         | 13.3                        |                                 |
|       |               | 4/28/2017         | 56.7                     |                          | 130.9                  |                         | 13.0                        |                                 |
|       |               | 5/5/2017          | 56.4                     |                          | 131.2                  |                         | 13.3                        |                                 |
|       |               | 5/12/2017         | 56.7                     |                          | 130.9                  |                         | 13.0                        |                                 |
|       |               | 5/19/2017         | 56.9                     |                          | 130.7                  |                         | 12.8                        |                                 |
|       |               | 5/26/2017         | 57.1                     |                          | 130.5                  |                         | 12.6                        |                                 |
|       |               | 6/2/2017          | 57.0                     |                          | 130.6                  |                         | 12.7                        |                                 |
|       |               | 6/9/2017          | 57.1                     |                          | 130.5                  |                         | 12.6                        |                                 |
|       |               | 6/16/2017         | 57.0                     |                          | 130.6                  |                         | 12.7                        |                                 |
|       |               | 6/23/2017         | 57.1                     |                          | 130.5                  |                         | 12.6                        |                                 |
|       |               | 6/30/2017         | 57.2                     |                          | 130.4                  |                         | 12.5                        |                                 |
|       |               | 7/7/2017          | 57.2                     |                          | 130.4                  |                         | 12.5                        |                                 |
|       |               | 7/14/2017         | 57.2                     |                          | 130.4                  |                         | 12.5                        |                                 |
|       |               | 7/21/2017         | 57.0                     |                          | 130.6                  |                         | 12.7                        |                                 |
|       |               | 7/28/2017         | 56.8                     |                          | 130.8                  |                         | 12.9                        |                                 |
|       |               | 8/4/2017          | 56.6                     |                          | 131.0                  |                         | 13.1                        |                                 |
|       |               | 8/11/2017         | 55.9                     |                          | 131.7                  |                         | 13.8                        |                                 |
|       |               | 8/18/2017         | 55.4                     |                          | 132.2                  |                         | 14.3                        |                                 |
|       |               | 8/25/2017         | 55.0                     |                          | 132.6                  |                         | 14.7                        |                                 |



**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-02         | 9/1/2017          | 54.9                     |                          | 132.7                  |                         | 14.8                        |                                 |
|       |               | 9/8/2017          | 54.4                     |                          | 133.2                  |                         | 15.3                        |                                 |
|       |               | 9/15/2017         | 53.8                     |                          | 133.8                  |                         | 15.9                        |                                 |
|       |               | 9/22/2017         | 52.9                     |                          | 134.7                  |                         | 16.8                        |                                 |
|       |               | 9/29/2017         | 52.6                     |                          | 135.0                  |                         | 17.1                        |                                 |
|       |               | 10/6/2017         | 52.5                     |                          | 135.1                  |                         | 17.2                        |                                 |
|       |               | 10/13/2017        | 52.9                     |                          | 134.7                  |                         | 16.8                        |                                 |
|       |               | 10/20/2017        | 53.1                     |                          | 134.5                  |                         | 16.6                        |                                 |
|       |               | 10/27/2017        | 53.9                     |                          | 133.7                  |                         | 15.8                        |                                 |
|       |               | 11/3/2017         | 54.2                     |                          | 133.4                  |                         | 15.5                        |                                 |
|       |               | 11/10/2017        | 54.2                     |                          | 133.4                  |                         | 15.5                        |                                 |
|       |               | 11/17/2017        | 54.3                     |                          | 133.3                  |                         | 15.4                        |                                 |
|       |               | 11/24/2017        | 54.6                     |                          | 133.0                  |                         | 15.1                        |                                 |
|       |               | 12/1/2017         | 54.6                     |                          | 133.0                  |                         | 15.1                        |                                 |
|       |               | 12/8/2017         | 54.6                     |                          | 133.0                  |                         | 15.1                        |                                 |
|       |               | 12/15/2017        | 54.6                     |                          | 133.0                  |                         | 15.1                        |                                 |
|       |               | 12/22/2017        | 54.6                     |                          | 133.0                  |                         | 15.1                        |                                 |
|       |               | 12/29/2017        | 54.9                     |                          | 132.7                  |                         | 14.8                        |                                 |
|       |               | 1/5/2018          | 55.5                     |                          | 132.1                  |                         | 14.2                        | -0.5                            |
|       |               | 1/12/2018         | 54.7                     |                          | 132.9                  |                         | 15.0                        | 0.7                             |
|       |               | 1/19/2018         | 54.6                     |                          | 133.0                  |                         | 15.1                        | 0.3                             |
|       |               | 1/26/2018         | 55.7                     |                          | 131.9                  |                         | 14.0                        | -0.3                            |
|       |               | 2/2/2018          | 55.3                     |                          | 132.3                  |                         | 14.4                        | 0.3                             |
|       |               | 2/9/2018          | 55.8                     |                          | 131.8                  |                         | 13.9                        | -0.2                            |
|       |               | 2/16/2018         | 55.8                     |                          | 131.8                  |                         | 13.9                        | -0.2                            |
|       |               | 2/23/2018         | 56.1                     |                          | 131.5                  |                         | 13.6                        | -0.7                            |
|       |               | 3/2/2018          | 55.9                     |                          | 131.7                  |                         | 13.8                        | 0.0                             |
|       |               | 3/9/2018          | 56.0                     |                          | 131.6                  |                         | 13.7                        | -0.2                            |
|       |               | 3/16/2018         | 56.2                     |                          | 131.4                  |                         | 13.5                        | 0.0                             |
|       |               | 3/23/2018         | 56.6                     |                          | 131.0                  |                         | 13.1                        | -0.4                            |
|       |               | 3/30/2018         | 56.3                     |                          | 131.3                  |                         | 13.4                        | -0.5                            |
|       |               | 4/6/2018          | 56.4                     |                          | 131.2                  |                         | 13.3                        | 0.0                             |
|       |               | 4/13/2018         | 56.6                     |                          | 131.0                  |                         | 13.1                        | -0.1                            |
|       |               | 4/20/2018         | 56.9                     |                          | 130.7                  |                         | 12.8                        | -0.5                            |
|       |               | 4/27/2018         | 56.5                     |                          | 131.1                  |                         | 13.2                        | 0.2                             |
|       |               | 5/4/2018          | 56.4                     |                          | 131.2                  |                         | 13.3                        | 0.0                             |
|       |               | 5/11/2018         | 56.9                     |                          | 130.7                  |                         | 12.8                        | -0.2                            |
|       |               | 5/18/2018         | 56.8                     |                          | 130.8                  |                         | 12.9                        | 0.1                             |
|       |               | 5/25/2018         | 56.6                     |                          | 131.0                  |                         | 13.1                        | 0.5                             |
|       |               | 6/1/2018          | 56.9                     |                          | 130.7                  |                         | 12.8                        | 0.1                             |
|       |               | 6/8/2018          | 56.9                     |                          | 130.7                  |                         | 12.8                        | 0.2                             |
|       |               | 6/15/2018         | 56.9                     |                          | 130.7                  |                         | 12.8                        | 0.1                             |
|       |               | 6/22/2018         | 57.0                     |                          | 130.6                  |                         | 12.7                        | 0.1                             |
|       |               | 6/29/2018         | 56.9                     |                          | 130.7                  |                         | 12.8                        | 0.3                             |
|       |               | 7/6/2018          | 56.9                     |                          | 130.7                  |                         | 12.8                        | 0.3                             |
|       |               | 7/13/2018         | 56.7                     |                          | 130.9                  |                         | 13.0                        | 0.5                             |
|       |               | 7/20/2018         | 56.4                     |                          | 131.2                  |                         | 13.3                        | 0.6                             |
|       |               | 7/27/2018         | 56.3                     |                          | 131.3                  |                         | 13.4                        | 0.5                             |
|       |               | 8/3/2018          | 56.0                     |                          | 131.6                  |                         | 13.7                        | 0.6                             |
|       |               | 8/10/2018         | 56.6                     |                          | 131.0                  |                         | 13.1                        | -0.7                            |
|       |               | 8/17/2018         | 55.4                     |                          | 132.2                  |                         | 14.3                        | 0.0                             |
|       |               | 8/24/2018         | 54.9                     |                          | 132.7                  |                         | 14.8                        | 0.1                             |
|       |               | 8/31/2018         | 54.7                     |                          | 132.9                  |                         | 15.0                        | 0.2                             |
|       |               | 9/7/2018          | 54.4                     |                          | 133.2                  |                         | 15.3                        | 0.0                             |
|       |               | 9/14/2018         | 54.4                     |                          | 133.2                  |                         | 15.3                        | -0.6                            |
|       |               | 9/21/2018         | 54.5                     |                          | 133.1                  |                         | 15.2                        | -1.6                            |
|       |               | 9/28/2018         | 54.5                     |                          | 133.1                  |                         | 15.2                        | -1.9                            |
|       |               | 10/5/2018         | 54.4                     |                          | 133.2                  |                         | 15.3                        | -1.9                            |
|       |               | 10/12/2018        | 54.3                     |                          | 133.3                  |                         | 15.4                        | -1.4                            |
|       |               | 10/19/2018        | 54.5                     |                          | 133.1                  |                         | 15.2                        | -1.4                            |
|       |               | 10/26/2018        | 54.3                     |                          | 133.3                  |                         | 15.4                        | -0.4                            |
|       |               | 11/2/2018         | 54.4                     |                          | 133.2                  |                         | 15.3                        | -0.2                            |
|       |               | 11/9/2018         | See Note 23              |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-03         | 6/10/2016         | 51.7                     | 185.73                   | 134.0                  | 117.4                   | 16.6                        |                                 |
|       |               | 6/11/2016         | 58.5                     |                          | 127.3                  |                         | 9.9                         |                                 |
|       |               | 6/13/2016         | 59.6                     |                          | 126.1                  |                         | 8.7                         |                                 |
|       |               | 6/16/2016         | 59.7                     |                          | 126.1                  |                         | 8.7                         |                                 |
|       |               | 6/21/2016         | 59.8                     |                          | 126.0                  |                         | 8.6                         |                                 |
|       |               | 6/22/2016         | 59.9                     |                          | 125.9                  |                         | 8.5                         |                                 |
|       |               | 6/28/2016         | 58.0                     |                          | 127.8                  |                         | 10.4                        |                                 |
|       |               | 7/13/2016         | 56.2                     |                          | 129.6                  |                         | 12.2                        |                                 |
|       |               | 7/29/2016         | 59.7                     |                          | 126.1                  |                         | 8.7                         |                                 |
|       |               | 8/5/2016          | 56.2                     |                          | 129.5                  |                         | 12.1                        |                                 |
|       |               | 8/12/2016         | 56.0                     |                          | 129.7                  |                         | 12.3                        |                                 |
|       |               | 8/19/2016         | 56.2                     |                          | 129.5                  |                         | 12.1                        |                                 |
|       |               | 8/26/2016         | 55.8                     |                          | 129.9                  |                         | 12.5                        |                                 |
|       |               | 9/2/2016          | 56.0                     |                          | 129.7                  |                         | 12.3                        |                                 |
|       |               | 9/9/2016          | 55.9                     |                          | 129.8                  |                         | 12.4                        |                                 |
|       |               | 9/16/2016         | 55.0                     |                          | 130.7                  |                         | 13.3                        |                                 |
|       |               | 9/23/2016         | 55.0                     |                          | 130.7                  |                         | 13.3                        |                                 |
|       |               | 9/30/2016         | 55.0                     |                          | 130.7                  |                         | 13.3                        |                                 |
|       |               | 10/11/2016        | 55.0                     |                          | 130.7                  |                         | 13.3                        |                                 |
|       |               | 10/14/2016        | 55.0                     |                          | 130.7                  |                         | 13.3                        |                                 |
|       |               | 10/21/2016        | 54.8                     |                          | 130.9                  |                         | 13.5                        |                                 |
|       |               | 10/28/2016        | 54.7                     |                          | 131.0                  |                         | 13.6                        |                                 |
|       |               | 11/4/2016         | 54.9                     |                          | 130.8                  |                         | 13.4                        |                                 |
|       |               | 11/11/2016        | 54.3                     |                          | 131.4                  |                         | 14.0                        |                                 |
|       |               | 11/18/2016        | 54.3                     |                          | 131.4                  |                         | 14.0                        |                                 |
|       |               | 11/25/2016        | 54.3                     |                          | 131.4                  |                         | 14.0                        |                                 |
|       |               | 12/2/2016         | 54.2                     |                          | 131.5                  |                         | 14.1                        |                                 |
|       |               | 12/9/2016         | 54.9                     |                          | 130.8                  |                         | 13.4                        |                                 |
|       |               | 12/16/2016        | 54.8                     |                          | 130.9                  |                         | 13.5                        |                                 |
|       |               | 12/23/2016        | 54.9                     |                          | 130.8                  |                         | 13.4                        |                                 |
|       |               | 12/30/2016        | 55.1                     |                          | 130.6                  |                         | 13.2                        |                                 |
|       |               | 1/6/2017          | 54.9                     |                          | 130.8                  |                         | 13.4                        |                                 |
|       |               | 1/13/2017         | 54.4                     |                          | 131.3                  |                         | 13.9                        |                                 |
|       |               | 1/20/2017         | 55.0                     |                          | 130.7                  |                         | 13.3                        |                                 |
|       |               | 1/27/2017         | 55.2                     |                          | 130.5                  |                         | 13.1                        |                                 |
|       |               | 2/3/2017          | 55.4                     |                          | 130.3                  |                         | 12.9                        |                                 |
|       |               | 2/10/2017         | 55.7                     |                          | 130.0                  |                         | 12.6                        |                                 |
|       |               | 2/17/2017         | 55.8                     |                          | 129.9                  |                         | 12.5                        |                                 |
|       |               | 2/24/2017         | 55.5                     |                          | 130.2                  |                         | 12.8                        |                                 |
|       |               | 3/3/2017          | 55.9                     |                          | 129.8                  |                         | 12.4                        |                                 |
|       |               | 3/10/2017         | 55.8                     |                          | 129.9                  |                         | 12.5                        |                                 |
|       |               | 3/17/2017         | 56.1                     |                          | 129.6                  |                         | 12.2                        |                                 |
|       |               | 3/24/2017         | 56.1                     |                          | 129.6                  |                         | 12.2                        |                                 |
|       |               | 3/31/2017         | 55.9                     |                          | 129.8                  |                         | 12.4                        |                                 |
|       |               | 4/7/2017          | 56.3                     |                          | 129.4                  |                         | 12.0                        |                                 |
|       |               | 4/13/2017         | 56.2                     |                          | 129.5                  |                         | 12.1                        |                                 |
|       |               | 4/21/2017         | 56.3                     |                          | 129.4                  |                         | 12.0                        |                                 |
|       |               | 4/28/2017         | 56.5                     |                          | 129.2                  |                         | 11.8                        |                                 |
|       |               | 5/5/2017          | 56.3                     |                          | 129.4                  |                         | 12.0                        |                                 |
|       |               | 5/12/2017         | 56.5                     |                          | 129.2                  |                         | 11.8                        |                                 |
|       |               | 5/19/2017         | 56.7                     |                          | 129.0                  |                         | 11.6                        |                                 |
|       |               | 5/26/2017         | 56.8                     |                          | 128.9                  |                         | 11.5                        |                                 |
|       |               | 6/2/2017          | 56.8                     |                          | 128.9                  |                         | 11.5                        |                                 |
|       |               | 6/9/2017          | 57.0                     |                          | 128.7                  |                         | 11.3                        |                                 |
|       |               | 6/16/2017         | 56.9                     |                          | 128.8                  |                         | 11.4                        |                                 |
|       |               | 6/23/2017         | 57.1                     |                          | 128.6                  |                         | 11.2                        |                                 |
|       |               | 6/30/2017         | 57.1                     |                          | 128.6                  |                         | 11.2                        |                                 |
|       |               | 7/7/2017          | 57.1                     |                          | 128.6                  |                         | 11.2                        |                                 |
|       |               | 7/14/2017         | 57.1                     |                          | 128.6                  |                         | 11.2                        |                                 |
|       |               | 7/21/2017         | 56.8                     |                          | 128.9                  |                         | 11.5                        |                                 |
|       |               | 7/28/2017         | 56.4                     |                          | 129.3                  |                         | 11.9                        |                                 |
|       |               | 8/4/2017          | 56.2                     |                          | 129.5                  |                         | 12.1                        |                                 |
|       |               | 8/11/2017         | 55.5                     |                          | 130.2                  |                         | 12.8                        |                                 |
|       |               | 8/18/2017         | 55.0                     |                          | 130.7                  |                         | 13.3                        |                                 |
|       |               | 8/25/2017         | 54.5                     |                          | 131.2                  |                         | 13.8                        |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-03         | 9/1/2017          | 54.4                     |                          | 131.3                  |                         | 13.9                        |                                 |
|       |               | 9/8/2017          | 53.8                     |                          | 131.9                  |                         | 14.5                        |                                 |
|       |               | 9/15/2017         | 52.8                     |                          | 132.9                  |                         | 15.5                        |                                 |
|       |               | 9/22/2017         | 52.0                     |                          | 133.7                  |                         | 16.3                        |                                 |
|       |               | 9/29/2017         | 51.6                     |                          | 134.1                  |                         | 16.7                        |                                 |
|       |               | 10/6/2017         | 51.4                     |                          | 134.3                  |                         | 16.9                        |                                 |
|       |               | 10/13/2017        | 51.6                     |                          | 134.1                  |                         | 16.7                        |                                 |
|       |               | 10/20/2017        | 51.8                     |                          | 133.9                  |                         | 16.5                        |                                 |
|       |               | 10/27/2017        | 52.3                     |                          | 133.4                  |                         | 16.0                        |                                 |
|       |               | 11/3/2017         | 52.7                     |                          | 133.0                  |                         | 15.6                        |                                 |
|       |               | 11/10/2017        | 52.9                     |                          | 132.8                  |                         | 15.4                        |                                 |
|       |               | 11/17/2017        | 53.2                     |                          | 132.5                  |                         | 15.1                        |                                 |
|       |               | 11/24/2017        | 53.1                     |                          | 132.6                  |                         | 15.2                        |                                 |
|       |               | 12/1/2017         | 53.8                     |                          | 131.9                  |                         | 14.5                        |                                 |
|       |               | 12/8/2017         | 53.7                     |                          | 132.0                  |                         | 14.6                        |                                 |
|       |               | 12/15/2017        | 54.0                     |                          | 131.7                  |                         | 14.3                        |                                 |
|       |               | 12/22/2017        | 53.8                     |                          | 131.9                  |                         | 14.5                        |                                 |
|       |               | 12/29/2017        | 54.3                     |                          | 131.4                  |                         | 14.0                        |                                 |
|       |               | 1/5/2018          | 54.7                     |                          | 131.0                  |                         | 13.6                        | 0.2                             |
|       |               | 1/12/2018         | 54.3                     |                          | 131.4                  |                         | 14.0                        | 0.1                             |
|       |               | 1/19/2018         | 54.9                     |                          | 130.8                  |                         | 13.4                        | 0.1                             |
|       |               | 1/26/2018         | 55.1                     |                          | 130.6                  |                         | 13.2                        | 0.1                             |
|       |               | 2/2/2018          | 55.0                     |                          | 130.7                  |                         | 13.3                        | 0.4                             |
|       |               | 2/9/2018          | 55.2                     |                          | 130.5                  |                         | 13.1                        | 0.5                             |
|       |               | 2/16/2018         | 55.2                     |                          | 130.5                  |                         | 13.1                        | 0.6                             |
|       |               | 2/23/2018         | 55.4                     |                          | 130.3                  |                         | 12.9                        | 0.1                             |
|       |               | 3/2/2018          | 55.3                     |                          | 130.4                  |                         | 13.0                        | 0.6                             |
|       |               | 3/9/2018          | 55.5                     |                          | 130.2                  |                         | 12.8                        | 0.3                             |
|       |               | 3/16/2018         | 55.6                     |                          | 130.2                  |                         | 12.8                        | 0.5                             |
|       |               | 3/23/2018         | 56.0                     |                          | 129.7                  |                         | 12.3                        | 0.1                             |
|       |               | 3/30/2018         | 55.7                     |                          | 130.0                  |                         | 12.6                        | 0.2                             |
|       |               | 4/6/2018          | 55.9                     |                          | 129.8                  |                         | 12.4                        | 0.4                             |
|       |               | 4/13/2018         | 55.9                     |                          | 129.8                  |                         | 12.4                        | 0.3                             |
|       |               | 4/20/2018         | 56.2                     |                          | 129.5                  |                         | 12.1                        | 0.1                             |
|       |               | 4/27/2018         | 56.1                     |                          | 129.6                  |                         | 12.2                        | 0.4                             |
|       |               | 5/4/2018          | 56.4                     |                          | 129.3                  |                         | 11.9                        | -0.1                            |
|       |               | 5/11/2018         | 56.6                     |                          | 129.1                  |                         | 11.7                        | -0.1                            |
|       |               | 5/18/2018         | 56.6                     |                          | 129.1                  |                         | 11.7                        | 0.1                             |
|       |               | 5/25/2018         | 56.6                     |                          | 129.1                  |                         | 11.7                        | 0.2                             |
|       |               | 6/1/2018          | 56.7                     |                          | 129.0                  |                         | 11.6                        | 0.1                             |
|       |               | 6/8/2018          | 56.7                     |                          | 129.0                  |                         | 11.6                        | 0.3                             |
|       |               | 6/15/2018         | 56.5                     |                          | 129.2                  |                         | 11.8                        | 0.4                             |
|       |               | 6/22/2018         | 56.4                     |                          | 129.3                  |                         | 11.9                        | 0.7                             |
|       |               | 6/29/2018         | 56.3                     |                          | 129.4                  |                         | 12.0                        | 0.8                             |
|       |               | 7/6/2018          | 56.2                     |                          | 129.5                  |                         | 12.1                        | 0.9                             |
|       |               | 7/13/2018         | 55.9                     |                          | 129.8                  |                         | 12.4                        | 1.2                             |
|       |               | 7/20/2018         | 55.5                     |                          | 130.2                  |                         | 12.8                        | 1.3                             |
|       |               | 7/27/2018         | 55.3                     |                          | 130.4                  |                         | 13.0                        | 1.1                             |
|       |               | 8/3/2018          | 55.0                     |                          | 130.7                  |                         | 13.3                        | 1.2                             |
|       |               | 8/10/2018         | 54.5                     |                          | 131.2                  |                         | 13.8                        | 1.0                             |
|       |               | 8/17/2018         | 54.2                     |                          | 131.5                  |                         | 14.1                        | 0.8                             |
|       |               | 8/24/2018         | 53.5                     |                          | 132.2                  |                         | 14.8                        | 1.0                             |
|       |               | 8/31/2018         | 53.2                     |                          | 132.5                  |                         | 15.1                        | 1.2                             |
|       |               | 9/7/2018          | 52.8                     |                          | 132.9                  |                         | 15.5                        | 1.0                             |
|       |               | 9/14/2018         | 52.7                     |                          | 133.0                  |                         | 15.6                        | 0.1                             |
|       |               | 9/21/2018         | 52.5                     |                          | 133.2                  |                         | 15.8                        | -0.5                            |
|       |               | 9/28/2018         | 52.4                     |                          | 133.3                  |                         | 15.9                        | -0.8                            |
|       |               | 10/5/2018         | 52.5                     |                          | 133.2                  |                         | 15.8                        | -1.1                            |
|       |               | 10/12/2018        | 52.3                     |                          | 133.4                  |                         | 16.0                        | -0.7                            |
|       |               | 10/19/2018        | 52.2                     |                          | 133.5                  |                         | 16.1                        | -0.4                            |
|       |               | 10/26/2018        | 52.4                     |                          | 133.3                  |                         | 15.9                        | -0.1                            |
|       |               | 11/2/2018         | 52.5                     |                          | 133.2                  |                         | 15.8                        | 0.2                             |
|       |               | 11/9/2018         | See Note 23              |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-05         | 6/22/2016         | 51.7                     | 180.19                   | 128.5                  | 118.5                   | 10.0                        |                                 |
|       |               | 6/28/2016         | 52.4                     |                          | 127.8                  |                         | 9.3                         |                                 |
|       |               | 7/13/2016         | 52.3                     |                          | 127.9                  |                         | 9.4                         |                                 |
|       |               | 7/29/2016         | 52.8                     |                          | 127.4                  |                         | 8.9                         |                                 |
|       |               | 8/5/2016          | 52.1                     |                          | 128.1                  |                         | 9.6                         |                                 |
|       |               | 8/12/2016         | 52.0                     |                          | 128.2                  |                         | 9.7                         |                                 |
|       |               | 8/19/2016         | 52.2                     |                          | 128.0                  |                         | 9.5                         |                                 |
|       |               | 8/26/2016         | 52.0                     |                          | 128.2                  |                         | 9.7                         |                                 |
|       |               | 9/2/2016          | 52.0                     |                          | 128.2                  |                         | 9.7                         |                                 |
|       |               | 9/9/2016          | 52.0                     |                          | 128.2                  |                         | 9.7                         |                                 |
|       |               | 9/16/2016         | 51.2                     |                          | 129.0                  |                         | 10.5                        |                                 |
|       |               | 9/23/2016         | 50.9                     |                          | 129.3                  |                         | 10.8                        |                                 |
|       |               | 9/30/2016         | 50.3                     |                          | 129.9                  |                         | 11.4                        |                                 |
|       |               | 10/11/2016        | 50.1                     |                          | 130.1                  |                         | 11.6                        |                                 |
|       |               | 10/14/2016        | 50.0                     |                          | 130.2                  |                         | 11.7                        |                                 |
|       |               | 10/21/2016        | 50.0                     |                          | 130.2                  |                         | 11.7                        |                                 |
|       |               | 10/28/2016        | 50.1                     |                          | 130.1                  |                         | 11.6                        |                                 |
|       |               | 11/4/2016         | 50.3                     |                          | 129.9                  |                         | 11.4                        |                                 |
|       |               | 11/11/2016        | 50.9                     |                          | 129.3                  |                         | 10.8                        |                                 |
|       |               | 11/18/2016        | 51.0                     |                          | 129.2                  |                         | 10.7                        |                                 |
|       |               | 11/25/2016        | 51.0                     |                          | 129.2                  |                         | 10.7                        |                                 |
|       |               | 12/2/2016         | 51.1                     |                          | 129.1                  |                         | 10.6                        |                                 |
|       |               | 12/9/2016         | 51.6                     |                          | 128.6                  |                         | 10.1                        |                                 |
|       |               | 12/16/2016        | 51.3                     |                          | 128.9                  |                         | 10.4                        |                                 |
|       |               | 12/23/2016        | 51.2                     |                          | 129.0                  |                         | 10.5                        |                                 |
|       |               | 12/30/2016        | 51.1                     |                          | 129.1                  |                         | 10.6                        |                                 |
|       |               | 1/6/2017          | 51.4                     |                          | 128.8                  |                         | 10.3                        |                                 |
|       |               | 1/13/2017         | 51.6                     |                          | 128.6                  |                         | 10.1                        |                                 |
|       |               | 1/20/2017         | 51.3                     |                          | 128.9                  |                         | 10.4                        |                                 |
|       |               | 1/27/2017         | 51.8                     |                          | 128.4                  |                         | 9.9                         |                                 |
|       |               | 2/3/2017          | 51.3                     |                          | 128.9                  |                         | 10.4                        |                                 |
|       |               | 2/10/2017         | 51.4                     |                          | 128.8                  |                         | 10.3                        |                                 |
|       |               | 2/17/2017         | 52.2                     |                          | 128.0                  |                         | 9.5                         |                                 |
|       |               | 2/24/2017         | 52.1                     |                          | 128.1                  |                         | 9.6                         |                                 |
|       |               | 3/3/2017          | 51.5                     |                          | 128.7                  |                         | 10.2                        |                                 |
|       |               | 3/10/2017         | 52.3                     |                          | 127.9                  |                         | 9.4                         |                                 |
|       |               | 3/17/2017         | 53.0                     |                          | 127.2                  |                         | 8.7                         |                                 |
|       |               | 3/24/2017         | 53.2                     |                          | 127.0                  |                         | 8.5                         |                                 |
|       |               | 3/31/2017         | 53.3                     |                          | 126.9                  |                         | 8.4                         |                                 |
|       |               | 4/7/2017          | 53.7                     |                          | 126.5                  |                         | 8.0                         |                                 |
|       |               | 4/13/2017         | 53.9                     |                          | 126.3                  |                         | 7.8                         |                                 |
|       |               | 4/21/2017         | 53.9                     |                          | 126.3                  |                         | 7.8                         |                                 |
|       |               | 4/28/2017         | 54.1                     |                          | 126.1                  |                         | 7.6                         |                                 |
|       |               | 5/5/2017          | 54.0                     |                          | 126.2                  |                         | 7.7                         |                                 |
|       |               | 5/12/2017         | 54.1                     |                          | 126.1                  |                         | 7.6                         |                                 |
|       |               | 5/19/2017         | 54.2                     |                          | 126.0                  |                         | 7.5                         |                                 |
|       |               | 5/26/2017         | 54.3                     |                          | 125.9                  |                         | 7.4                         |                                 |
|       |               | 6/2/2017          | 54.3                     |                          | 125.9                  |                         | 7.4                         |                                 |
|       |               | 6/9/2017          | 54.3                     |                          | 125.9                  |                         | 7.4                         |                                 |
|       |               | 6/16/2017         | 54.3                     |                          | 125.9                  |                         | 7.4                         |                                 |
|       |               | 6/23/2017         | 54.4                     |                          | 125.8                  |                         | 7.3                         |                                 |
|       |               | 6/30/2017         | 54.5                     |                          | 125.7                  |                         | 7.2                         |                                 |
|       |               | 7/7/2017          | 54.5                     |                          | 125.7                  |                         | 7.2                         |                                 |
|       |               | 7/14/2017         | 54.6                     |                          | 125.6                  |                         | 7.1                         |                                 |
|       |               | 7/21/2017         | 54.6                     |                          | 125.6                  |                         | 7.1                         |                                 |
|       |               | 7/28/2017         | 54.3                     |                          | 125.9                  |                         | 7.4                         |                                 |
|       |               | 8/4/2017          | 53.9                     |                          | 126.3                  |                         | 7.8                         |                                 |
|       |               | 8/11/2017         | 53.1                     |                          | 127.1                  |                         | 8.6                         |                                 |
|       |               | 8/18/2017         | 54.2                     |                          | 126.0                  |                         | 7.5                         |                                 |
|       |               | 8/25/2017         | 51.1                     |                          | 129.1                  |                         | 10.6                        |                                 |
|       |               | 9/1/2017          | 52.1                     |                          | 128.1                  |                         | 9.6                         |                                 |
|       |               | 9/8/2017          | 51.4                     |                          | 128.8                  |                         | 10.3                        |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-05         | 9/15/2017         | 50.8                     |                          | 129.4                  |                         | 10.9                        |                                 |
|       |               | 9/22/2017         | 50.0                     |                          | 130.2                  |                         | 11.7                        |                                 |
|       |               | 9/29/2017         | 50.0                     |                          | 130.2                  |                         | 11.7                        |                                 |
|       |               | 10/6/2017         | 50.3                     |                          | 129.9                  |                         | 11.4                        |                                 |
|       |               | 10/13/2017        | 50.3                     |                          | 129.9                  |                         | 11.4                        |                                 |
|       |               | 10/20/2017        | 51.2                     |                          | 129.0                  |                         | 10.5                        |                                 |
|       |               | 10/27/2017        | 51.5                     |                          | 128.7                  |                         | 10.2                        |                                 |
|       |               | 11/3/2017         | 51.8                     |                          | 128.4                  |                         | 9.9                         |                                 |
|       |               | 11/10/2017        | 51.9                     |                          | 128.3                  |                         | 9.8                         |                                 |
|       |               | 11/17/2017        | 52.5                     |                          | 127.7                  |                         | 9.2                         |                                 |
|       |               | 11/24/2017        | 52.3                     |                          | 127.9                  |                         | 9.4                         |                                 |
|       |               | 12/1/2017         | 52.7                     |                          | 127.5                  |                         | 9.0                         |                                 |
|       |               | 12/8/2017         | 52.8                     |                          | 127.4                  |                         | 8.9                         |                                 |
|       |               | 12/15/2017        | 52.9                     |                          | 127.3                  |                         | 8.8                         |                                 |
|       |               | 12/22/2017        | 52.8                     |                          | 127.4                  |                         | 8.9                         |                                 |
|       |               | 12/29/2017        | 53.2                     |                          | 127.0                  |                         | 8.5                         |                                 |
|       |               | 1/5/2018          | 53.3                     |                          | 126.9                  |                         | 8.4                         | -1.9                            |
|       |               | 1/12/2018         | 53.0                     |                          | 127.2                  |                         | 8.7                         | -1.4                            |
|       |               | 1/19/2018         | 53.3                     |                          | 126.9                  |                         | 8.4                         | -2.0                            |
|       |               | 1/26/2018         | 53.4                     |                          | 126.8                  |                         | 8.3                         | -1.6                            |
|       |               | 2/2/2018          | 53.3                     |                          | 126.9                  |                         | 8.4                         | -2.0                            |
|       |               | 2/9/2018          | 53.4                     |                          | 126.8                  |                         | 8.3                         | -2.0                            |
|       |               | 2/16/2018         | 53.3                     |                          | 126.9                  |                         | 8.4                         | -1.1                            |
|       |               | 2/23/2018         | 53.4                     |                          | 126.8                  |                         | 8.3                         | -1.3                            |
|       |               | 3/2/2018          | 53.5                     |                          | 126.7                  |                         | 8.2                         | -2.0                            |
|       |               | 3/9/2018          | 53.6                     |                          | 126.6                  |                         | 8.1                         | -1.3                            |
|       |               | 3/16/2018         | 53.6                     |                          | 126.6                  |                         | 8.1                         | -0.6                            |
|       |               | 3/23/2018         | 53.9                     |                          | 126.3                  |                         | 7.8                         | -0.7                            |
|       |               | 3/30/2018         | 53.7                     |                          | 126.5                  |                         | 8.0                         | -0.4                            |
|       |               | 4/6/2018          | 53.8                     |                          | 126.4                  |                         | 7.9                         | -0.1                            |
|       |               | 4/13/2018         | 53.9                     |                          | 126.3                  |                         | 7.8                         | 0.0                             |
|       |               | 4/20/2018         | 53.9                     |                          | 126.3                  |                         | 7.8                         | 0.0                             |
|       |               | 4/27/2018         | 53.9                     |                          | 126.3                  |                         | 7.8                         | 0.2                             |
|       |               | 5/4/2018          | 54.0                     |                          | 126.2                  |                         | 7.7                         | 0.0                             |
|       |               | 5/11/2018         | 54.1                     |                          | 126.1                  |                         | 7.6                         | 0.0                             |
|       |               | 5/18/2018         | 54.1                     |                          | 126.1                  |                         | 7.6                         | 0.1                             |
|       |               | 5/25/2018         | 54.9                     |                          | 125.3                  |                         | 6.8                         | -0.6                            |
|       |               | 6/1/2018          | 54.3                     |                          | 125.9                  |                         | 7.4                         | 0.0                             |
|       |               | 6/8/2018          | 54.4                     |                          | 125.8                  |                         | 7.3                         | -0.1                            |
|       |               | 6/15/2018         | 54.4                     |                          | 125.8                  |                         | 7.3                         | -0.1                            |
|       |               | 6/22/2018         | 54.4                     |                          | 125.8                  |                         | 7.3                         | 0.0                             |
|       |               | 6/29/2018         | 54.4                     |                          | 125.8                  |                         | 7.3                         | 0.1                             |
|       |               | 7/6/2018          | 54.4                     |                          | 125.8                  |                         | 7.3                         | 0.1                             |
|       |               | 7/13/2018         | 53.9                     |                          | 126.3                  |                         | 7.8                         | 0.7                             |
|       |               | 7/20/2018         | 53.7                     |                          | 126.5                  |                         | 8.0                         | 0.9                             |
|       |               | 7/27/2018         | 53.4                     |                          | 126.8                  |                         | 8.3                         | 0.9                             |
|       |               | 8/3/2018          | 53.4                     |                          | 126.8                  |                         | 8.3                         | 0.5                             |
|       |               | 8/10/2018         | 53.8                     |                          | 126.4                  |                         | 7.9                         | -0.7                            |
|       |               | 8/17/2018         | 52.4                     |                          | 127.8                  |                         | 9.3                         | 1.8                             |
|       |               | 8/24/2018         | 51.8                     |                          | 128.4                  |                         | 9.9                         | -0.7                            |
|       |               | 8/31/2018         | 51.6                     |                          | 128.6                  |                         | 10.1                        | 0.5                             |
|       |               | 9/7/2018          | 51.3                     |                          | 128.9                  |                         | 10.4                        | 0.1                             |
|       |               | 9/14/2018         | 51.2                     |                          | 129.0                  |                         | 10.5                        | -0.4                            |
|       |               | 9/21/2018         | 51.4                     |                          | 128.8                  |                         | 10.3                        | -1.4                            |
|       |               | 9/28/2018         | 51.4                     |                          | 128.8                  |                         | 10.3                        | -1.4                            |
|       |               | 10/5/2018         | 51.3                     |                          | 128.9                  |                         | 10.4                        | -1.0                            |
|       |               | 10/12/2018        | 51.3                     |                          | 128.9                  |                         | 10.4                        | -1.0                            |
|       |               | 10/19/2018        | 51.2                     |                          | 129.0                  |                         | 10.5                        | 0.0                             |
|       |               | 10/26/2018        | 51.3                     |                          | 128.9                  |                         | 10.4                        | 0.2                             |
|       |               | 11/2/2018         | 51.7                     |                          | 128.5                  |                         | 10.0                        | 0.1                             |
|       |               | 11/9/2018         | See Note 23              |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-15D        | 2/21/2017         | 55.8                     | 184.44                   | 128.6                  | 117.0                   | 11.6                        |                                 |
|       |               | 2/23/2017         | 57.75                    |                          | 126.7                  |                         | 9.7                         |                                 |
|       |               | 2/24/2017         | 57.9                     |                          | 126.5                  |                         | 9.5                         |                                 |
|       |               | 3/3/2017          | 58.6                     |                          | 125.8                  |                         | 8.8                         |                                 |
|       |               | 3/10/2017         | 58.4                     |                          | 126.0                  |                         | 9.0                         |                                 |
|       |               | 3/17/2017         | 59.0                     |                          | 125.4                  |                         | 8.4                         |                                 |
|       |               | 3/24/2017         | 59.3                     |                          | 125.1                  |                         | 8.1                         |                                 |
|       |               | 3/31/2017         | 59.4                     |                          | 125.0                  |                         | 8.0                         |                                 |
|       |               | 4/7/2017          | 59.8                     |                          | 124.6                  |                         | 7.6                         |                                 |
|       |               | 4/13/2017         | 59.9                     |                          | 124.5                  |                         | 7.5                         |                                 |
|       |               | 4/21/2017         | 59.9                     |                          | 124.5                  |                         | 7.5                         |                                 |
|       |               | 4/28/2017         | 60.2                     |                          | 124.2                  |                         | 7.2                         |                                 |
|       |               | 5/5/2017          | 59.9                     |                          | 124.5                  |                         | 7.5                         |                                 |
|       |               | 5/12/2017         | 60.2                     |                          | 124.2                  |                         | 7.2                         |                                 |
|       |               | 5/19/2017         | 60.4                     |                          | 124.0                  |                         | 7.0                         |                                 |
|       |               | 5/26/2017         | 60.5                     |                          | 123.9                  |                         | 6.9                         |                                 |
|       |               | 6/2/2017          | 60.5                     |                          | 123.9                  |                         | 6.9                         |                                 |
|       |               | 6/9/2017          | 60.4                     |                          | 124.0                  |                         | 7.0                         |                                 |
|       |               | 6/16/2017         | 60.5                     |                          | 123.9                  |                         | 6.9                         |                                 |
|       |               | 6/23/2017         | 60.6                     |                          | 123.8                  |                         | 6.8                         |                                 |
|       |               | 6/30/2017         | 60.7                     |                          | 123.7                  |                         | 6.7                         |                                 |
|       |               | 7/7/2017          | 60.6                     |                          | 123.8                  |                         | 6.8                         |                                 |
|       |               | 7/14/2017         | 60.7                     |                          | 123.7                  |                         | 6.7                         |                                 |
|       |               | 7/21/2017         | 60.8                     |                          | 123.6                  |                         | 6.6                         |                                 |
|       |               | 7/28/2017         | 60.7                     |                          | 123.7                  |                         | 6.7                         |                                 |
|       |               | 8/4/2017          | 60.9                     |                          | 123.5                  |                         | 6.5                         |                                 |
|       |               | 8/11/2017         | 60.7                     |                          | 123.7                  |                         | 6.7                         |                                 |
|       |               | 8/18/2017         | 60.7                     |                          | 123.7                  |                         | 6.7                         |                                 |
|       |               | 8/25/2017         | 60.5                     |                          | 123.9                  |                         | 6.9                         |                                 |
|       |               | 9/1/2017          | 60.5                     |                          | 123.9                  |                         | 6.9                         |                                 |
|       |               | 9/8/2017          | 60.1                     |                          | 124.3                  |                         | 7.3                         |                                 |
|       |               | 9/15/2017         | 59.7                     |                          | 124.7                  |                         | 7.7                         |                                 |
|       |               | 9/22/2017         | 59.1                     |                          | 125.3                  |                         | 8.3                         |                                 |
|       |               | 9/29/2017         | 58.8                     |                          | 125.6                  |                         | 8.6                         |                                 |
|       |               | 10/6/2017         | 58.7                     |                          | 125.7                  |                         | 8.7                         |                                 |
|       |               | 10/13/2017        | 58.6                     |                          | 125.8                  |                         | 8.8                         |                                 |
|       |               | 10/20/2017        | 58.8                     |                          | 125.6                  |                         | 8.6                         |                                 |
|       |               | 10/27/2017        | 59.0                     |                          | 125.4                  |                         | 8.4                         |                                 |
|       |               | 11/3/2017         | 59.3                     |                          | 125.1                  |                         | 8.1                         |                                 |
|       |               | 11/10/2017        | 59.4                     |                          | 125.0                  |                         | 8.0                         |                                 |
|       |               | 11/17/2017        | 59.6                     |                          | 124.8                  |                         | 7.8                         |                                 |
|       |               | 11/24/2017        | 59.6                     |                          | 124.8                  |                         | 7.8                         |                                 |
|       |               | 12/1/2017         | 60.0                     |                          | 124.4                  |                         | 7.4                         |                                 |
|       |               | 12/8/2017         | 59.8                     |                          | 124.6                  |                         | 7.6                         |                                 |
|       |               | 12/15/2017        | 60.0                     |                          | 124.4                  |                         | 7.4                         |                                 |
|       |               | 12/22/2017        | 60.1                     |                          | 124.3                  |                         | 7.3                         |                                 |
|       |               | 12/29/2017        | 60.1                     |                          | 124.3                  |                         | 7.3                         |                                 |
|       |               | 1/5/2018          | 60.4                     |                          | 124.0                  |                         | 7.0                         |                                 |
|       |               | 1/12/2018         | 60.0                     |                          | 124.4                  |                         | 7.4                         |                                 |
|       |               | 1/19/2018         | 60.4                     |                          | 124.0                  |                         | 7.0                         |                                 |
|       |               | 1/26/2018         | 60.4                     |                          | 124.0                  |                         | 7.0                         |                                 |
|       |               | 2/2/2018          | 60.3                     |                          | 124.1                  |                         | 7.1                         |                                 |
|       |               | 2/9/2018          | 60.4                     |                          | 124.0                  |                         | 7.0                         |                                 |
|       |               | 2/16/2018         | 60.3                     |                          | 124.1                  |                         | 7.1                         |                                 |
|       |               | 2/23/2018         | 60.5                     |                          | 123.9                  |                         | 6.9                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-15D        | 3/2/2018          | 60.4                     |                          | 124.0                  |                         | 7.0                         |                                 |
|       |               | 3/9/2018          | 60.4                     |                          | 124.0                  |                         | 7.0                         |                                 |
|       |               | 3/16/2018         | 60.3                     |                          | 124.1                  |                         | 7.1                         |                                 |
|       |               | 3/23/2018         | 60.4                     |                          | 124.0                  |                         | 7.0                         |                                 |
|       |               | 3/30/2018         | 60.6                     |                          | 123.8                  | See Note 16             | 6.8                         |                                 |
|       |               | 4/6/2018          | 60.6                     |                          | 123.8                  |                         | 6.8                         | -0.8                            |
|       |               | 4/13/2018         | 60.8                     |                          | 123.6                  |                         | 6.6                         | -0.9                            |
|       |               | 4/20/2018         | 60.8                     |                          | 123.6                  |                         | 6.6                         | -0.9                            |
|       |               | 4/27/2018         | 60.7                     |                          | 123.7                  |                         | 6.7                         | -0.5                            |
|       |               | 5/4/2018          | 61.0                     |                          | 123.4                  |                         | 6.4                         | -1.1                            |
|       |               | 5/11/2018         | 61.0                     |                          | 123.4                  |                         | 6.4                         | -0.8                            |
|       |               | 5/18/2018         | 60.9                     |                          | 123.5                  |                         | 6.5                         | -0.5                            |
|       |               | 5/25/2018         | 60.9                     |                          | 123.5                  |                         | 6.5                         | -0.4                            |
|       |               | 6/1/2018          | 60.9                     |                          | 123.5                  |                         | 6.5                         | -0.4                            |
|       |               | 6/8/2018          | 61.1                     |                          | 123.3                  |                         | 6.3                         | -0.7                            |
|       |               | 6/15/2018         | 61.0                     |                          | 123.4                  |                         | 6.4                         | -0.5                            |
|       |               | 6/22/2018         | 61.0                     |                          | 123.4                  |                         | 6.4                         | -0.4                            |
|       |               | 6/29/2018         | 61.0                     |                          | 123.4                  |                         | 6.4                         | -0.3                            |
|       |               | 7/6/2018          | 61.1                     |                          | 123.3                  |                         | 6.3                         | -0.5                            |
|       |               | 7/13/2018         | 61.0                     |                          | 123.4                  |                         | 6.4                         | -0.3                            |
|       |               | 7/20/2018         | 60.9                     |                          | 123.5                  |                         | 6.5                         | -0.1                            |
|       |               | 7/27/2018         | 60.9                     |                          | 123.5                  |                         | 6.5                         | -0.2                            |
|       |               | 8/3/2018          | 61.0                     |                          | 123.4                  |                         | 6.4                         | -0.1                            |
|       |               | 8/10/2018         | 60.8                     |                          | 123.6                  |                         | 6.6                         | -0.1                            |
|       |               | 8/17/2018         | 60.8                     |                          | 123.6                  |                         | 6.6                         | -0.1                            |
|       |               | 8/24/2018         | 60.3                     |                          | 124.1                  |                         | 7.1                         | 0.2                             |
|       |               | 8/31/2018         | 60.3                     |                          | 124.1                  |                         | 7.1                         | 0.2                             |
|       |               | 9/7/2018          | 60.0                     |                          | 124.4                  |                         | 7.4                         | 0.1                             |
|       |               | 9/14/2018         | 60.0                     |                          | 124.4                  |                         | 7.4                         | -0.3                            |
|       |               | 9/21/2018         | 59.9                     |                          | 124.5                  |                         | 7.5                         | -0.8                            |
|       |               | 9/28/2018         | 59.8                     |                          | 124.6                  |                         | 7.6                         | -1.0                            |
|       |               | 10/5/2018         | 59.7                     |                          | 124.7                  |                         | 7.7                         | -1.0                            |
|       |               | 10/12/2018        | 59.5                     |                          | 124.9                  |                         | 7.9                         | -0.9                            |
|       |               | 10/19/2018        | 59.5                     |                          | 124.9                  |                         | 7.9                         | -0.7                            |
|       |               | 10/26/2018        | 59.4                     |                          | 125.0                  |                         | 8.0                         | -0.4                            |
|       |               | 11/2/2018         | 59.4                     |                          | 125.0                  |                         | 8.0                         | -0.1                            |
|       |               | 11/9/2018         | 59.5                     |                          | 124.9                  |                         | 7.9                         | -0.1                            |
|       |               | 11/16/2018        | 59.6                     |                          | 124.8                  |                         | 7.8                         | 0.0                             |
|       |               | 11/23/2018        | 59.4                     |                          | 125.0                  |                         | 8.0                         | 0.2                             |
|       |               | 11/30/2018        | 59.5                     |                          | 124.9                  |                         | 7.9                         | 0.5                             |
|       |               | 12/7/2018         | 59.8                     |                          | 124.6                  |                         | 7.6                         | 0.0                             |
|       |               | 12/14/2018        | 59.6                     |                          | 124.8                  |                         | 7.8                         | 0.4                             |
|       |               | 12/21/2018        | 59.5                     |                          | 124.9                  |                         | 7.9                         | 0.6                             |
|       |               | 12/28/2018        | 59.7                     |                          | 124.7                  |                         | 7.7                         | 0.4                             |
|       |               | 1/4/2019          | 59.5                     |                          | 124.9                  |                         | 7.9                         | 0.9                             |
|       |               | 1/11/2019         | 59.5                     |                          | 124.9                  |                         | 7.9                         | 0.5                             |
|       |               | 1/18/2019         | 59.6                     |                          | 124.8                  |                         | 7.8                         | 0.8                             |
|       |               | 1/25/2019         | 60                       |                          | 124.4                  |                         | 7.4                         | 0.4                             |
|       |               | 2/1/2019          | 60.1                     |                          | 124.3                  |                         | 7.3                         | 0.2                             |
|       |               | 2/8/2019          | 60.2                     |                          | 124.2                  |                         | 7.2                         | 0.2                             |
|       |               | 2/15/2019         | 60.0                     |                          | 124.4                  |                         | 7.4                         | 0.3                             |
|       |               | 2/22/2019         | 60.3                     |                          | 124.1                  |                         | 7.1                         | 0.2                             |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-15D        | 3/1/2019          | 60.3                     |                          | 124.1                  |                         | 7.1                         | 0.1                             |
|       |               | 3/8/2019          | 60.4                     |                          | 124.0                  |                         | 7.0                         | 0.0                             |
|       |               | 3/15/2019         | 60.3                     |                          | 124.1                  |                         | 7.1                         | 0.0                             |
|       |               | 3/22/2019         | 60.4                     |                          | 124.0                  |                         | 7.0                         | 0.0                             |
|       |               | 3/29/2019         | 60.6                     |                          | 123.8                  |                         | 6.8                         | 0.0                             |
|       |               | 4/5/2019          | 60.5                     |                          | 123.9                  |                         | 6.9                         | 0.1                             |
|       |               | 4/12/2019         | 60.5                     |                          | 123.9                  |                         | 6.9                         | 0.3                             |
|       |               | 4/19/2019         | 60.3                     |                          | 124.1                  |                         | 7.1                         | 0.5                             |
|       |               | 4/26/2019         | 60.3                     |                          | 124.1                  |                         | 7.1                         | 0.4                             |
|       |               | 5/3/2019          | 60.4                     |                          | 124.0                  |                         | 7.0                         | 0.6                             |
|       |               | 5/10/2019         | 60.4                     |                          | 124.0                  |                         | 7.0                         | 0.6                             |
|       |               | 5/17/2019         | 60.7                     |                          | 123.7                  |                         | 6.7                         | 0.2                             |
|       |               | 5/24/2019         | 61.0                     |                          | 123.4                  |                         | 6.4                         | -0.1                            |
|       |               | 5/31/2019         | 60.9                     |                          | 123.5                  |                         | 6.5                         | 0.0                             |
|       |               | 6/7/2019          | 60.7                     |                          | 123.7                  |                         | 6.7                         | 0.4                             |
|       |               | 6/14/2019         | 61.0                     |                          | 123.4                  |                         | 6.4                         | 0.0                             |
|       |               | 6/21/2019         | 60.9                     |                          | 123.5                  |                         | 6.5                         | 0.1                             |
|       |               | 6/28/2019         | 60.9                     |                          | 123.5                  |                         | 6.5                         | 0.1                             |
|       |               | 7/5/2019          | 60.8                     |                          | 123.6                  |                         | 6.6                         | 0.3                             |
|       |               | 7/12/2019         | 60.8                     |                          | 123.6                  |                         | 6.6                         | 0.2                             |
|       |               | 7/19/2019         | 60.8                     |                          | 123.6                  |                         | 6.6                         | 0.1                             |
|       |               | 7/26/2019         | 60.9                     |                          | 123.5                  |                         | 6.5                         | 0.0                             |
|       |               | 8/2/2019          | 60.7                     |                          | 123.7                  |                         | 6.7                         | 0.3                             |
|       |               | 8/9/2019          | 60.8                     |                          | 123.6                  |                         | 6.6                         | 0.0                             |
|       |               | 8/16/2019         | 60.8                     |                          | 123.6                  |                         | 6.6                         | 0.0                             |
|       |               | 8/23/2019         | 60.6                     |                          | 123.8                  |                         | 6.8                         | -0.3                            |
|       |               | 8/30/2019         | 60.5                     |                          | 123.9                  |                         | 6.9                         | -0.2                            |
|       |               |                   |                          |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |



**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-16D        | 2/16/2017         | 54.5                     | 183.60                   | 129.1                  | 117.2                   | 11.9                        |                                 |
|       |               | 2/17/2017         | 58.36                    |                          | 125.2                  |                         | 8.0                         |                                 |
|       |               | 2/20/2017         | 58.3                     |                          | 125.3                  |                         | 8.1                         |                                 |
|       |               | 2/23/2017         | 57.65                    |                          | 126.0                  |                         | 8.7                         |                                 |
|       |               | 2/24/2017         | 57.8                     |                          | 125.8                  |                         | 8.6                         |                                 |
|       |               | 3/3/2017          | 58.4                     |                          | 125.2                  |                         | 8.0                         |                                 |
|       |               | 3/10/2017         | 58.2                     |                          | 125.4                  |                         | 8.2                         |                                 |
|       |               | 3/17/2017         | 59.6                     |                          | 124.0                  |                         | 6.8                         |                                 |
|       |               | 3/24/2017         | 59.9                     |                          | 123.7                  |                         | 6.5                         |                                 |
|       |               | 3/31/2017         | 59.7                     |                          | 123.9                  |                         | 6.7                         |                                 |
|       |               | 4/7/2017          | 60.3                     |                          | 123.3                  |                         | 6.1                         |                                 |
|       |               | 4/13/2017         | 60.3                     |                          | 123.3                  |                         | 6.1                         |                                 |
|       |               | 4/21/2017         | 60.3                     |                          | 123.3                  |                         | 6.1                         |                                 |
|       |               | 4/28/2017         | 60.5                     |                          | 123.1                  |                         | 5.9                         |                                 |
|       |               | 5/5/2017          | 60.2                     |                          | 123.4                  |                         | 6.2                         |                                 |
|       |               | 5/12/2017         | 60.4                     |                          | 123.2                  |                         | 6.0                         |                                 |
|       |               | 5/19/2017         | 60.4                     |                          | 123.2                  |                         | 6.0                         |                                 |
|       |               | 5/26/2017         | 60.7                     |                          | 122.9                  |                         | 5.7                         |                                 |
|       |               | 6/2/2017          | 60.6                     |                          | 123.0                  |                         | 5.8                         |                                 |
|       |               | 6/9/2017          | 60.6                     |                          | 123.0                  |                         | 5.8                         |                                 |
|       |               | 6/16/2017         | 60.6                     |                          | 123.0                  |                         | 5.8                         |                                 |
|       |               | 6/23/2017         | 60.6                     |                          | 123                    |                         | 5.8                         |                                 |
|       |               | 6/30/2017         | 60.7                     |                          | 122.9                  |                         | 5.7                         |                                 |
|       |               | 7/7/2017          | 60.7                     |                          | 122.9                  |                         | 5.7                         |                                 |
|       |               | 7/14/2017         | 60.6                     |                          | 123.0                  |                         | 5.8                         |                                 |
|       |               | 7/21/2017         | 60.7                     |                          | 122.9                  |                         | 5.7                         |                                 |
|       |               | 7/28/2017         | 60.5                     |                          | 123.1                  |                         | 5.9                         |                                 |
|       |               | 8/4/2017          | 60.4                     |                          | 123.2                  |                         | 6.0                         |                                 |
|       |               | 8/11/2017         | 59.7                     |                          | 123.9                  |                         | 6.7                         |                                 |
|       |               | 8/18/2017         | 60.0                     |                          | 123.6                  |                         | 6.4                         |                                 |
|       |               | 8/25/2017         | 61.0                     |                          | 122.6                  |                         | 5.4                         |                                 |
|       |               | 9/1/2017          | 60.2                     |                          | 123.4                  |                         | 6.2                         |                                 |
|       |               | 9/8/2017          | 59.6                     |                          | 124.0                  |                         | 6.8                         |                                 |
|       |               | 9/15/2017         | 59.3                     |                          | 124.3                  |                         | 7.1                         |                                 |
|       |               | 9/22/2017         | 58.6                     |                          | 125.0                  |                         | 7.8                         |                                 |
|       |               | 9/29/2017         | 58.5                     |                          | 125.1                  |                         | 7.9                         |                                 |
|       |               | 10/6/2017         | 58.5                     |                          | 125.1                  |                         | 7.9                         |                                 |
|       |               | 10/13/2017        | 58.8                     |                          | 124.8                  |                         | 7.6                         |                                 |
|       |               | 10/20/2017        | 59.4                     |                          | 124.2                  |                         | 7.0                         |                                 |
|       |               | 10/27/2017        | 59.6                     |                          | 124.0                  |                         | 6.8                         |                                 |
|       |               | 11/3/2017         | 59.7                     |                          | 123.9                  |                         | 6.7                         |                                 |
|       |               | 11/10/2017        | 59.7                     |                          | 123.9                  |                         | 6.7                         |                                 |
|       |               | 11/17/2017        | 59.9                     |                          | 123.7                  |                         | 6.5                         |                                 |
|       |               | 11/24/2017        | 59.8                     |                          | 123.8                  |                         | 6.6                         |                                 |
|       |               | 12/1/2017         | 59.6                     |                          | 124.0                  |                         | 6.8                         |                                 |
|       |               | 12/8/2017         | 60.1                     |                          | 123.5                  |                         | 6.3                         |                                 |
|       |               | 12/15/2017        | 60.3                     |                          | 123.3                  |                         | 6.1                         |                                 |
|       |               | 12/22/2017        | 60.4                     |                          | 123.2                  |                         | 6.0                         |                                 |
|       |               | 12/29/2017        | 60.4                     |                          | 123.2                  |                         | 6.0                         |                                 |
|       |               | 1/5/2018          | 60.4                     |                          | 123.2                  |                         | 6.0                         |                                 |
|       |               | 1/12/2018         | 59.8                     |                          | 123.8                  |                         | 6.6                         |                                 |
|       |               | 1/19/2018         | 60.1                     |                          | 123.5                  |                         | 6.3                         |                                 |
|       |               | 1/26/2018         | 60.1                     |                          | 123.5                  |                         | 6.3                         |                                 |
|       |               | 2/2/2018          | 60.0                     |                          | 123.6                  |                         | 6.4                         |                                 |
|       |               | 2/9/2018          | 60.0                     |                          | 123.6                  |                         | 6.4                         |                                 |
|       |               | 2/16/2018         | 60.0                     |                          | 123.6                  |                         | 6.4                         |                                 |
|       |               | 2/23/2018         | 60.1                     |                          | 123.5                  |                         | 6.3                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-16D        | 3/2/2018          | 60.0                     |                          | 123.6                  |                         | 6.4                         |                                 |
|       |               | 3/9/2018          | 60.1                     |                          | 123.5                  |                         | 6.3                         |                                 |
|       |               | 3/16/2018         | 60.1                     |                          | 123.5                  |                         | 6.3                         |                                 |
|       |               | 3/23/2018         | 60.4                     |                          | 123.2                  |                         | 6.0                         |                                 |
|       |               | 3/30/2018         | 60.1                     |                          | 123.5                  | See Note 16             | 6.3                         |                                 |
|       |               | 4/6/2018          | 60.2                     |                          | 123.4                  |                         | 6.2                         | 0.1                             |
|       |               | 4/13/2018         | 60.3                     |                          | 123.3                  |                         | 6.1                         | 0.0                             |
|       |               | 4/20/2018         | 60.1                     |                          | 123.5                  |                         | 6.3                         | 0.2                             |
|       |               | 4/27/2018         | 60.1                     |                          | 123.5                  |                         | 6.3                         | 0.4                             |
|       |               | 5/4/2018          | 60.3                     |                          | 123.3                  |                         | 6.1                         | -0.1                            |
|       |               | 5/11/2018         | 60.3                     |                          | 123.3                  |                         | 6.1                         | 0.1                             |
|       |               | 5/18/2018         | 60.2                     |                          | 123.4                  |                         | 6.2                         | 0.2                             |
|       |               | 5/25/2018         | 60.2                     |                          | 123.4                  |                         | 6.2                         | 0.5                             |
|       |               | 6/1/2018          | 60.3                     |                          | 123.3                  |                         | 6.1                         | 0.3                             |
|       |               | 6/8/2018          | 60.4                     |                          | 123.2                  |                         | 6.0                         | 0.2                             |
|       |               | 6/15/2018         | 60.3                     |                          | 123.3                  |                         | 6.1                         | 0.3                             |
|       |               | 6/22/2018         | 60.3                     |                          | 123.3                  |                         | 6.1                         | 0.3                             |
|       |               | 6/29/2018         | 60.2                     |                          | 123.4                  |                         | 6.2                         | 0.5                             |
|       |               | 7/6/2018          | 60.3                     |                          | 123.3                  |                         | 6.1                         | 0.4                             |
|       |               | 7/13/2018         | 60.3                     |                          | 123.3                  |                         | 6.1                         | 0.3                             |
|       |               | 7/20/2018         | 60.2                     |                          | 123.4                  |                         | 6.2                         | 0.5                             |
|       |               | 7/27/2018         | 60.2                     |                          | 123.4                  |                         | 6.2                         | 0.3                             |
|       |               | 8/3/2018          | 60.2                     |                          | 123.4                  |                         | 6.2                         | 0.2                             |
|       |               | 8/10/2018         | 60.0                     |                          | 123.6                  |                         | 6.4                         | -0.3                            |
|       |               | 8/17/2018         | 60.0                     |                          | 123.6                  |                         | 6.4                         | 0.0                             |
|       |               | 8/24/2018         | 59.7                     |                          | 123.9                  |                         | 6.7                         | 1.3                             |
|       |               | 8/31/2018         | 59.6                     |                          | 124.0                  |                         | 6.8                         | 0.6                             |
|       |               | 9/7/2018          | 59.5                     |                          | 124.1                  |                         | 6.9                         | 0.1                             |
|       |               | 9/14/2018         | 59.4                     |                          | 124.2                  |                         | 7.0                         | -0.1                            |
|       |               | 9/21/2018         | 59.7                     |                          | 123.9                  |                         | 6.7                         | -1.1                            |
|       |               | 9/28/2018         | 59.5                     |                          | 124.1                  |                         | 6.9                         | -1.0                            |
|       |               | 10/5/2018         | 59.5                     |                          | 124.1                  |                         | 6.9                         | -1.0                            |
|       |               | 10/12/2018        | 59.4                     |                          | 124.2                  |                         | 7.0                         | -0.6                            |
|       |               | 10/19/2018        | 59.4                     |                          | 124.2                  |                         | 7.0                         | 0.0                             |
|       |               | 10/26/2018        | 59.3                     |                          | 124.3                  |                         | 7.1                         | 0.3                             |
|       |               | 11/2/2018         | 59.4                     |                          | 124.2                  |                         | 7.0                         | 0.3                             |
|       |               | 11/9/2018         | 59.4                     |                          | 124.2                  |                         | 7.0                         | 0.3                             |
|       |               | 11/16/2018        | 59.5                     |                          | 124.1                  |                         | 6.9                         | 0.4                             |
|       |               | 11/23/2018        | 59.2                     |                          | 124.4                  |                         | 7.2                         | 0.6                             |
|       |               | 11/30/2018        | 59.4                     |                          | 124.2                  |                         | 7.0                         | 0.2                             |
|       |               | 12/7/2018         | 59.8                     |                          | 123.8                  |                         | 6.6                         | 0.3                             |
|       |               | 12/14/2018        | 60.0                     |                          | 123.6                  |                         | 6.4                         | 0.3                             |
|       |               | 12/21/2018        | 59.5                     |                          | 124.1                  |                         | 6.9                         | 0.9                             |
|       |               | 12/28/2018        | 59.5                     |                          | 124.1                  |                         | 6.9                         | 0.9                             |
|       |               | 1/4/2019          | 59.3                     |                          | 124.3                  |                         | 7.1                         | 1.1                             |
|       |               | 1/11/2019         | 59.3                     |                          | 124.3                  |                         | 7.1                         | 0.5                             |
|       |               | 1/18/2019         | 59.6                     |                          | 124                    |                         | 6.8                         | 0.5                             |
|       |               | 1/25/2019         | 59.8                     |                          | 123.8                  |                         | 6.6                         | 0.3                             |
|       |               | 2/1/2019          | 59.9                     |                          | 123.7                  |                         | 6.5                         | 0.1                             |
|       |               | 2/8/2019          | 59.9                     |                          | 123.7                  |                         | 6.5                         | 0.1                             |
|       |               | 2/15/2019         | 59.7                     |                          | 123.9                  |                         | 6.7                         | 0.3                             |
|       |               | 2/22/2019         | 59.9                     |                          | 123.7                  |                         | 6.5                         | 0.2                             |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-16D        | 3/1/2019          | 60.0                     |                          | 123.6                  |                         | 6.4                         | 0.0                             |
|       |               | 3/8/2019          | 60.1                     |                          | 123.5                  |                         | 6.3                         | 0.0                             |
|       |               | 3/15/2019         | 59.9                     |                          | 123.7                  |                         | 6.5                         | 0.2                             |
|       |               | 3/22/2019         | 60                       |                          | 123.6                  |                         | 6.4                         | 0.4                             |
|       |               | 3/29/2019         | 60.2                     |                          | 123.4                  |                         | 6.2                         | -0.1                            |
|       |               | 4/5/2019          | 60.1                     |                          | 123.5                  |                         | 6.3                         | 0.1                             |
|       |               | 4/12/2019         | 60.3                     |                          | 123.3                  |                         | 6.1                         | 0.0                             |
|       |               | 4/19/2019         | 60.1                     |                          | 123.5                  |                         | 6.3                         | 0.0                             |
|       |               | 4/26/2019         | 60.3                     |                          | 123.3                  |                         | 6.1                         | -0.2                            |
|       |               | 5/3/2019          | 60.4                     |                          | 123.2                  |                         | 6.0                         | -0.1                            |
|       |               | 5/10/2019         | 60.5                     |                          | 123.1                  |                         | 5.9                         | -0.2                            |
|       |               | 5/17/2019         | 60.5                     |                          | 123.1                  |                         | 5.9                         | -0.3                            |
|       |               | 5/24/2019         | 60.4                     |                          | 123.2                  |                         | 6.0                         | -0.2                            |
|       |               | 5/31/2019         | 60.3                     |                          | 123.3                  |                         | 6.1                         | 0.0                             |
|       |               | 6/7/2019          | 60                       |                          | 123.6                  |                         | 6.4                         | 0.4                             |
|       |               | 6/14/2019         | 60.2                     |                          | 123.4                  |                         | 6.2                         | 0.1                             |
|       |               | 6/21/2019         | 60.2                     |                          | 123.4                  |                         | 6.2                         | 0.1                             |
|       |               | 6/28/2019         | 60.1                     |                          | 123.5                  |                         | 6.3                         | 0.1                             |
|       |               | 7/5/2019          | 60.1                     |                          | 123.5                  |                         | 6.3                         | 0.2                             |
|       |               | 7/12/2019         | 60.1                     |                          | 123.5                  |                         | 6.3                         | 0.2                             |
|       |               | 7/19/2019         | 60.1                     |                          | 123.5                  |                         | 6.3                         | 0.1                             |
|       |               | 7/26/2019         | 60.2                     |                          | 123.4                  |                         | 6.2                         | 0.0                             |
|       |               | 8/2/2019          | 60.0                     |                          | 123.6                  |                         | 6.4                         | 0.2                             |
|       |               | 8/9/2019          | 60                       |                          | 123.6                  |                         | 6.4                         | 0.0                             |
|       |               | 8/16/2019         | 59.9                     |                          | 123.7                  |                         | 6.5                         | 0.1                             |
|       |               | 8/23/2019         | 59.8                     |                          | 123.8                  |                         | 6.6                         | -0.1                            |
|       |               | 8/30/2019         | 59.7                     |                          | 123.9                  |                         | 6.7                         | -0.1                            |
|       |               |                   |                          |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-17D        | 2/16/2017         | 60.3                     | 185.47                   | 125.2                  | 119.6                   | 5.6                         |                                 |
|       |               | 2/17/2017         | 60.31                    |                          | 125.2                  |                         | 5.6                         |                                 |
|       |               | 2/20/2017         | 60.2                     |                          | 125.3                  |                         | 5.7                         |                                 |
|       |               | 2/23/2017         | 59.90                    |                          | 125.6                  |                         | 6.0                         |                                 |
|       |               | 2/24/2017         | 60.1                     |                          | 125.4                  |                         | 5.8                         |                                 |
|       |               | 3/3/2017          | 60.7                     |                          | 124.8                  |                         | 5.2                         |                                 |
|       |               | 3/10/2017         | 60.6                     |                          | 124.9                  |                         | 5.3                         |                                 |
|       |               | 3/17/2017         | 60.9                     |                          | 124.6                  |                         | 5.0                         |                                 |
|       |               | 3/24/2017         | 60.9                     |                          | 124.6                  |                         | 5.0                         |                                 |
|       |               | 3/31/2017         | 60.6                     |                          | 124.9                  |                         | 5.3                         |                                 |
|       |               | 4/7/2017          | 61.0                     |                          | 124.5                  |                         | 4.9                         |                                 |
|       |               | 4/13/2017         | 61.1                     |                          | 124.4                  |                         | 4.8                         |                                 |
|       |               | 4/21/2017         | 61.2                     |                          | 124.3                  |                         | 4.7                         |                                 |
|       |               | 4/28/2017         | 61.3                     |                          | 124.2                  |                         | 4.6                         |                                 |
|       |               | 5/5/2017          | 61.1                     |                          | 124.4                  |                         | 4.8                         |                                 |
|       |               | 5/12/2017         | 61.3                     |                          | 124.2                  |                         | 4.6                         |                                 |
|       |               | 5/19/2017         | 61.3                     |                          | 124.2                  |                         | 4.6                         |                                 |
|       |               | 5/26/2017         | 61.5                     |                          | 124.0                  |                         | 4.4                         |                                 |
|       |               | 6/2/2017          | 61.5                     |                          | 124.0                  |                         | 4.4                         |                                 |
|       |               | 6/9/2017          | 61.5                     |                          | 124.0                  |                         | 4.4                         |                                 |
|       |               | 6/16/2017         | 61.6                     |                          | 123.9                  |                         | 4.3                         |                                 |
|       |               | 6/23/2017         | 61.7                     |                          | 123.8                  |                         | 4.2                         |                                 |
|       |               | 6/30/2017         | 61.8                     |                          | 123.7                  |                         | 4.1                         |                                 |
|       |               | 7/7/2017          | 61.8                     |                          | 123.7                  |                         | 4.1                         |                                 |
|       |               | 7/14/2017         | 61.8                     |                          | 123.7                  |                         | 4.1                         |                                 |
|       |               | 7/21/2017         | 61.8                     |                          | 123.7                  |                         | 4.1                         |                                 |
|       |               | 7/28/2017         | 61.7                     |                          | 123.8                  |                         | 4.2                         |                                 |
|       |               | 8/4/2017          | 61.6                     |                          | 123.9                  |                         | 4.3                         |                                 |
|       |               | 8/11/2017         | 61.7                     |                          | 123.8                  |                         | 4.2                         |                                 |
|       |               | 8/18/2017         | 61.5                     |                          | 124.0                  |                         | 4.4                         |                                 |
|       |               | 8/25/2017         | 60.8                     |                          | 124.7                  |                         | 5.1                         |                                 |
|       |               | 9/1/2017          | 60.8                     |                          | 124.7                  |                         | 5.1                         |                                 |
|       |               | 9/8/2017          | 60.1                     |                          | 125.4                  |                         | 5.8                         |                                 |
|       |               | 9/15/2017         | 59.3                     |                          | 126.2                  |                         | 6.6                         |                                 |
|       |               | 9/22/2017         | 58.3                     |                          | 127.2                  |                         | 7.6                         |                                 |
|       |               | 9/29/2017         | 57.6                     |                          | 127.9                  |                         | 8.3                         |                                 |
|       |               | 10/6/2017         | 57.1                     |                          | 128.4                  |                         | 8.8                         |                                 |
|       |               | 10/13/2017        | 57.2                     |                          | 128.3                  |                         | 8.7                         |                                 |
|       |               | 10/20/2017        | 57.2                     |                          | 128.3                  |                         | 8.7                         |                                 |
|       |               | 10/27/2017        | 57.9                     |                          | 127.6                  |                         | 8.0                         |                                 |
|       |               | 11/3/2017         | 58.5                     |                          | 127.0                  |                         | 7.4                         |                                 |
|       |               | 11/10/2017        | 58.6                     |                          | 126.9                  |                         | 7.3                         |                                 |
|       |               | 11/17/2017        | 58.9                     |                          | 126.6                  |                         | 7.0                         |                                 |
|       |               | 11/24/2017        | 58.8                     |                          | 126.7                  |                         | 7.1                         |                                 |
|       |               | 12/1/2017         | 59.6                     |                          | 125.9                  |                         | 6.3                         |                                 |
|       |               | 12/8/2017         | 59.3                     |                          | 126.2                  |                         | 6.6                         |                                 |
|       |               | 12/15/2017        | 59.4                     |                          | 126.1                  |                         | 6.5                         |                                 |
|       |               | 12/22/2017        | 59.6                     |                          | 125.9                  |                         | 6.3                         |                                 |
|       |               | 12/29/2017        | 59.7                     |                          | 125.8                  |                         | 6.2                         |                                 |
|       |               | 1/5/2018          | 60.3                     |                          | 125.2                  |                         | 5.6                         |                                 |
|       |               | 1/12/2018         | 60.0                     |                          | 125.5                  |                         | 5.9                         |                                 |
|       |               | 1/19/2018         | 60.8                     |                          | 124.7                  |                         | 5.1                         |                                 |
|       |               | 1/26/2018         | 60.9                     |                          | 124.6                  |                         | 5.0                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-17D        | 2/2/2018          | 60.9                     |                          | 124.6                  |                         | 5.0                         |                                 |
|       |               | 2/9/2018          | 61.1                     |                          | 124.4                  |                         | 4.8                         |                                 |
|       |               | 2/16/2018         | 61.1                     |                          | 124.4                  |                         | 4.8                         |                                 |
|       |               | 2/23/2018         | 61.2                     |                          | 124.3                  |                         | 4.7                         |                                 |
|       |               | 3/2/2018          | 61.2                     |                          | 124.3                  |                         | 4.7                         |                                 |
|       |               | 3/9/2018          | 61.3                     |                          | 124.2                  |                         | 4.6                         |                                 |
|       |               | 3/16/2018         | 61.4                     |                          | 124.1                  |                         | 4.5                         |                                 |
|       |               | 3/23/2018         | 61.8                     |                          | 123.7                  |                         | 4.1                         |                                 |
|       |               | 3/30/2018         | 61.8                     |                          | 123.7                  | See Note 16             | 4.1                         |                                 |
|       |               | 4/6/2018          | 61.8                     |                          | 123.7                  |                         | 4.1                         | -0.8                            |
|       |               | 4/13/2018         | 61.9                     |                          | 123.6                  |                         | 4.0                         | -0.8                            |
|       |               | 4/20/2018         | 62.1                     |                          | 123.4                  |                         | 3.8                         | -0.9                            |
|       |               | 4/27/2018         | 62.0                     |                          | 123.5                  |                         | 3.9                         | -0.7                            |
|       |               | 5/4/2018          | 62.2                     |                          | 123.3                  |                         | 3.7                         | -1.1                            |
|       |               | 5/11/2018         | 62.3                     |                          | 123.2                  |                         | 3.6                         | -1.0                            |
|       |               | 5/18/2018         | 62.2                     |                          | 123.3                  |                         | 3.7                         | -0.9                            |
|       |               | 5/25/2018         | 62.7                     |                          | 122.8                  |                         | 3.2                         | -1.2                            |
|       |               | 6/1/2018          | 62.4                     |                          | 123.1                  |                         | 3.5                         | -0.9                            |
|       |               | 6/8/2018          | 62.5                     |                          | 123.0                  |                         | 3.4                         | -1.0                            |
|       |               | 6/15/2018         | 62.4                     |                          | 123.1                  |                         | 3.5                         | -0.8                            |
|       |               | 6/22/2018         | 62.4                     |                          | 123.1                  |                         | 3.5                         | -0.7                            |
|       |               | 6/29/2018         | 62.4                     |                          | 123.1                  |                         | 3.5                         | -0.6                            |
|       |               | 7/6/2018          | 62.4                     |                          | 123.1                  |                         | 3.5                         | -0.6                            |
|       |               | 7/13/2018         | 62.3                     |                          | 123.2                  |                         | 3.6                         | -0.5                            |
|       |               | 7/20/2018         | 62.0                     |                          | 123.5                  |                         | 3.9                         | -0.2                            |
|       |               | 7/27/2018         | 61.9                     |                          | 123.6                  |                         | 4.0                         | -0.2                            |
|       |               | 8/3/2018          | 61.7                     |                          | 123.8                  |                         | 4.2                         | -0.1                            |
|       |               | 8/10/2018         | 61.4                     |                          | 124.1                  |                         | 4.5                         | 0.3                             |
|       |               | 8/17/2018         | 61.2                     |                          | 124.3                  |                         | 4.7                         | 0.3                             |
|       |               | 8/24/2018         | 60.5                     |                          | 125.0                  |                         | 5.4                         | 0.3                             |
|       |               | 8/31/2018         | 60.1                     |                          | 125.4                  |                         | 5.8                         | 0.7                             |
|       |               | 9/7/2018          | 59.7                     |                          | 125.8                  |                         | 6.2                         | 0.4                             |
|       |               | 9/14/2018         | 59.5                     |                          | 126.0                  |                         | 6.4                         | -0.2                            |
|       |               | 9/21/2018         | 59.4                     |                          | 126.1                  |                         | 6.5                         | -1.1                            |
|       |               | 9/28/2018         | 59.2                     |                          | 126.3                  |                         | 6.7                         | -1.6                            |
|       |               | 10/5/2018         | 59.0                     |                          | 126.5                  |                         | 6.9                         | -1.9                            |
|       |               | 10/12/2018        | 58.8                     |                          | 126.7                  |                         | 7.1                         | -1.6                            |
|       |               | 10/19/2018        | 59.2                     |                          | 126.3                  |                         | 6.7                         | -2.0                            |
|       |               | 10/26/2018        | 58.7                     |                          | 126.8                  |                         | 7.2                         | -0.8                            |
|       |               | 11/2/2018         | 58.7                     |                          | 126.8                  |                         | 7.2                         | -0.2                            |
|       |               | 11/9/2018         | 58.6                     |                          | 126.9                  |                         | 7.3                         | 0.0                             |
|       |               | 11/16/2018        | 58.7                     |                          | 126.8                  |                         | 7.2                         | 0.2                             |
|       |               | 11/23/2018        | 58.5                     |                          | 127.0                  |                         | 7.4                         | 0.3                             |
|       |               | 11/30/2018        | 58.7                     |                          | 126.8                  |                         | 7.2                         | 0.9                             |
|       |               | 12/7/2018         | 59.0                     |                          | 126.5                  |                         | 6.9                         | 0.3                             |
|       |               | 12/14/2018        | 58.6                     |                          | 126.9                  |                         | 7.3                         | 0.8                             |
|       |               | 12/21/2018        | 58.5                     |                          | 127.0                  |                         | 7.4                         | 1.1                             |
|       |               | 12/28/2018        | 58.9                     |                          | 126.6                  |                         | 7.0                         | 0.8                             |
|       |               | 1/4/2019          | 58.6                     |                          | 126.9                  |                         | 7.3                         | 1.7                             |
|       |               | 1/11/2019         | 58.7                     |                          | 126.8                  |                         | 7.2                         | 1.3                             |
|       |               | 1/18/2019         | 59.0                     |                          | 126.5                  |                         | 6.9                         | 1.8                             |
|       |               | 1/25/2019         | 59.5                     |                          | 126.0                  |                         | 6.4                         | 1.4                             |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-17D        | 2/1/2019          | 60.0                     |                          | 125.5                  |                         | 5.9                         | 0.9                             |
|       |               | 2/8/2019          | 60.3                     |                          | 125.2                  |                         | 5.6                         | 0.8                             |
|       |               | 2/15/2019         | 60.2                     |                          | 125.3                  |                         | 5.7                         | 0.9                             |
|       |               | 2/22/2019         | 60.5                     |                          | 125.0                  |                         | 5.4                         | 0.7                             |
|       |               | 3/1/2019          | 60.6                     |                          | 124.9                  |                         | 5.3                         | 0.6                             |
|       |               | 3/8/2019          | 60.6                     |                          | 124.9                  |                         | 5.3                         | 0.7                             |
|       |               | 3/15/2019         | 60.6                     |                          | 124.9                  |                         | 5.3                         | 0.8                             |
|       |               | 3/22/2019         | 60.8                     |                          | 124.7                  |                         | 5.1                         | 1.0                             |
|       |               | 3/29/2019         | 60.8                     |                          | 124.7                  |                         | 5.1                         | 1.0                             |
|       |               | 4/5/2019          | 60.7                     |                          | 124.8                  |                         | 5.2                         | 1.1                             |
|       |               | 4/12/2019         | 60.5                     |                          | 125.0                  |                         | 5.4                         | 1.4                             |
|       |               | 4/19/2019         | 60.3                     |                          | 125.2                  |                         | 5.6                         | 1.8                             |
|       |               | 4/26/2019         | 60.4                     |                          | 125.1                  |                         | 5.5                         | 1.6                             |
|       |               | 5/3/2019          | 60.5                     |                          | 125.0                  |                         | 5.4                         | 1.7                             |
|       |               | 5/10/2019         | 60.4                     |                          | 125.1                  |                         | 5.5                         | 1.9                             |
|       |               | 5/17/2019         | 60.4                     |                          | 125.1                  |                         | 5.5                         | 1.8                             |
|       |               | 5/24/2019         | 60.5                     |                          | 125.0                  |                         | 5.4                         | 2.2                             |
|       |               | 5/31/2019         | 60.4                     |                          | 125.1                  |                         | 5.5                         | 2.0                             |
|       |               | 6/7/2019          | 60.6                     |                          | 124.9                  |                         | 5.3                         | 1.9                             |
|       |               | 6/14/2019         | 61.2                     |                          | 124.3                  |                         | 4.7                         | 1.2                             |
|       |               | 6/21/2019         | 61.1                     |                          | 124.4                  |                         | 4.8                         | 1.3                             |
|       |               | 6/28/2019         | 61.2                     |                          | 124.3                  |                         | 4.7                         | 1.2                             |
|       |               | 7/5/2019          | 61.2                     |                          | 124.3                  |                         | 4.7                         | 1.2                             |
|       |               | 7/12/2019         | 61.2                     |                          | 124.3                  |                         | 4.7                         | 1.1                             |
|       |               | 7/19/2019         | 61.3                     |                          | 124.2                  |                         | 4.6                         | 0.7                             |
|       |               | 7/26/2019         | 61.5                     |                          | 124.0                  |                         | 4.4                         | 0.4                             |
|       |               | 8/2/2019          | 61.2                     |                          | 124.3                  |                         | 4.7                         | 0.5                             |
|       |               | 8/9/2019          | 61.2                     |                          | 124.3                  |                         | 4.7                         | 0.2                             |
|       |               | 8/16/2019         | 61.0                     |                          | 124.5                  |                         | 4.9                         | 0.2                             |
|       |               | 8/23/2019         | 60.6                     |                          | 124.9                  |                         | 5.3                         | -0.1                            |
|       |               | 8/30/2019         | 60.1                     |                          | 125.4                  |                         | 5.8                         | 0.0                             |
|       |               |                   |                          |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-18D        | 2/16/2017         | 55.1                     | 182.71                   | 127.6                  | 120.3                   | 7.3                         |                                 |
|       |               | 2/17/2017         | 58.91                    |                          | 123.8                  |                         | 3.5                         |                                 |
|       |               | 2/20/2017         | 58.8                     |                          | 123.9                  |                         | 3.6                         |                                 |
|       |               | 2/23/2017         | 58.70                    |                          | 124.0                  |                         | 3.7                         |                                 |
|       |               | 2/24/2017         | 58.9                     |                          | 123.8                  |                         | 3.5                         |                                 |
|       |               | 3/3/2017          | 59.2                     |                          | 123.5                  |                         | 3.2                         |                                 |
|       |               | 3/10/2017         | 59.2                     |                          | 123.5                  |                         | 3.2                         |                                 |
|       |               | 3/17/2017         | 59.4                     |                          | 123.3                  |                         | 3.0                         |                                 |
|       |               | 3/24/2017         | 59.6                     |                          | 123.1                  |                         | 2.8                         |                                 |
|       |               | 3/31/2017         | 59.2                     |                          | 123.5                  |                         | 3.2                         |                                 |
|       |               | 4/7/2017          | 59.5                     |                          | 123.2                  |                         | 2.9                         |                                 |
|       |               | 4/13/2017         | 59.7                     |                          | 123.0                  |                         | 2.7                         |                                 |
|       |               | 4/21/2017         | 59.5                     |                          | 123.2                  |                         | 2.9                         |                                 |
|       |               | 4/28/2017         | 59.7                     |                          | 123.0                  |                         | 2.7                         |                                 |
|       |               | 5/5/2017          | 59.5                     |                          | 123.2                  |                         | 2.9                         |                                 |
|       |               | 5/12/2017         | 59.6                     |                          | 123.1                  |                         | 2.8                         |                                 |
|       |               | 5/19/2017         | 59.7                     |                          | 123.0                  |                         | 2.7                         |                                 |
|       |               | 5/26/2017         | 59.7                     |                          | 123.0                  |                         | 2.7                         |                                 |
|       |               | 6/2/2017          | 59.6                     |                          | 123.1                  |                         | 2.8                         |                                 |
|       |               | 6/9/2017          | 59.5                     |                          | 123.2                  |                         | 2.9                         |                                 |
|       |               | 6/16/2017         | 59.5                     |                          | 123.2                  |                         | 2.9                         |                                 |
|       |               | 6/23/2017         | 59.6                     |                          | 123.1                  |                         | 2.8                         |                                 |
|       |               | 6/30/2017         | 59.8                     |                          | 122.9                  |                         | 2.6                         |                                 |
|       |               | 7/7/2017          | 59.7                     |                          | 123.0                  |                         | 2.7                         |                                 |
|       |               | 7/14/2017         | 59.7                     |                          | 123.0                  |                         | 2.7                         |                                 |
|       |               | 7/21/2017         | 60.1                     |                          | 122.6                  |                         | 2.3                         |                                 |
|       |               | 7/28/2017         | 60.0                     |                          | 122.7                  |                         | 2.4                         |                                 |
|       |               | 8/4/2017          | 60.2                     |                          | 122.5                  |                         | 2.2                         |                                 |
|       |               | 8/11/2017         | 60.1                     |                          | 122.6                  |                         | 2.3                         |                                 |
|       |               | 8/18/2017         | 60.0                     |                          | 122.7                  |                         | 2.4                         |                                 |
|       |               | 8/25/2017         | 59.9                     |                          | 122.8                  |                         | 2.5                         |                                 |
|       |               | 9/1/2017          | 59.7                     |                          | 123.0                  |                         | 2.7                         |                                 |
|       |               | 9/8/2017          | 59.1                     |                          | 123.6                  |                         | 3.3                         |                                 |
|       |               | 9/15/2017         | 58.1                     |                          | 124.6                  |                         | 4.3                         |                                 |
|       |               | 9/22/2017         | 57.0                     |                          | 125.7                  |                         | 5.4                         |                                 |
|       |               | 9/29/2017         | 56.2                     |                          | 126.5                  |                         | 6.2                         |                                 |
|       |               | 10/6/2017         | 56.5                     |                          | 126.2                  |                         | 5.9                         |                                 |
|       |               | 10/13/2017        | 56.4                     |                          | 126.3                  |                         | 6.0                         |                                 |
|       |               | 10/20/2017        | 56.7                     |                          | 126.0                  |                         | 5.7                         |                                 |
|       |               | 10/27/2017        | 58.0                     |                          | 124.7                  |                         | 4.4                         |                                 |
|       |               | 11/3/2017         | 58.2                     |                          | 124.5                  |                         | 4.2                         |                                 |
|       |               | 11/10/2017        | 58.1                     |                          | 124.6                  |                         | 4.3                         |                                 |
|       |               | 11/17/2017        | 58.4                     |                          | 124.3                  |                         | 4.0                         |                                 |
|       |               | 11/24/2017        | 58.4                     |                          | 124.3                  |                         | 4.0                         |                                 |
|       |               | 12/1/2017         | 58.7                     |                          | 124.0                  |                         | 3.7                         |                                 |
|       |               | 12/8/2017         | 58.7                     |                          | 124.0                  |                         | 3.7                         |                                 |
|       |               | 12/15/2017        | 58.5                     |                          | 124.2                  |                         | 3.9                         |                                 |
|       |               | 12/22/2017        | 58.8                     |                          | 123.9                  |                         | 3.6                         |                                 |
|       |               | 12/29/2017        | 59.1                     |                          | 123.6                  |                         | 3.3                         |                                 |
|       |               | 1/5/2018          | 59.7                     |                          | 123.0                  |                         | 2.7                         |                                 |
|       |               | 1/12/2018         | 59.5                     |                          | 123.2                  |                         | 2.9                         |                                 |
|       |               | 1/19/2018         | 60.0                     |                          | 122.7                  |                         | 2.4                         |                                 |
|       |               | 1/26/2018         | 60.0                     |                          | 122.7                  |                         | 2.4                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-18D        | 2/2/2018          | 60.0                     |                          | 122.7                  |                         | 2.4                         |                                 |
|       |               | 2/9/2018          | 59.9                     |                          | 122.8                  |                         | 2.5                         |                                 |
|       |               | 2/16/2018         | 60.0                     |                          | 122.7                  |                         | 2.4                         |                                 |
|       |               | 2/23/2018         | 60.1                     |                          | 122.6                  |                         | 2.3                         |                                 |
|       |               | 3/2/2018          | 60.0                     |                          | 122.7                  |                         | 2.4                         |                                 |
|       |               | 3/9/2018          | 60.0                     |                          | 122.7                  |                         | 2.4                         |                                 |
|       |               | 3/16/2018         | 60.1                     |                          | 122.6                  |                         | 2.3                         |                                 |
|       |               | 3/23/2018         | 60.3                     |                          | 122.4                  |                         | 2.1                         |                                 |
|       |               | 3/30/2018         | 60.2                     |                          | 122.5                  | See Note 16             | 2.2                         |                                 |
|       |               | 4/6/2018          | 60.2                     |                          | 122.5                  |                         | 2.2                         | -0.7                            |
|       |               | 4/13/2018         | 60.6                     |                          | 122.1                  |                         | 1.8                         | -0.9                            |
|       |               | 4/20/2018         | 60.6                     |                          | 122.1                  |                         | 1.8                         | -1.1                            |
|       |               | 4/27/2018         | 60.5                     |                          | 122.2                  |                         | 1.9                         | -0.8                            |
|       |               | 5/4/2018          | 60.7                     |                          | 122.0                  |                         | 1.7                         | -1.2                            |
|       |               | 5/11/2018         | 60.8                     |                          | 121.9                  |                         | 1.6                         | -1.2                            |
|       |               | 5/18/2018         | 60.7                     |                          | 122.0                  |                         | 1.7                         | -1.0                            |
|       |               | 5/25/2018         | 60.7                     |                          | 122.0                  |                         | 1.7                         | -1.0                            |
|       |               | 6/1/2018          | 60.8                     |                          | 121.9                  |                         | 1.6                         | -1.2                            |
|       |               | 6/8/2018          | 60.7                     |                          | 122.0                  |                         | 1.7                         | -1.2                            |
|       |               | 6/15/2018         | 60.7                     |                          | 122.0                  |                         | 1.7                         | -1.2                            |
|       |               | 6/22/2018         | 60.7                     |                          | 122.0                  |                         | 1.7                         | -1.1                            |
|       |               | 6/29/2018         | 60.7                     |                          | 122.0                  |                         | 1.7                         | -0.9                            |
|       |               | 7/6/2018          | 60.7                     |                          | 122.0                  |                         | 1.7                         | -1.0                            |
|       |               | 7/13/2018         | 60.6                     |                          | 122.1                  |                         | 1.8                         | -0.9                            |
|       |               | 7/20/2018         | 60.4                     |                          | 122.3                  |                         | 2.0                         | -0.3                            |
|       |               | 7/27/2018         | 60.4                     |                          | 122.3                  |                         | 2.0                         | -0.4                            |
|       |               | 8/3/2018          | 60.2                     |                          | 122.5                  |                         | 2.2                         | 0.0                             |
|       |               | 8/10/2018         | 60.1                     |                          | 122.6                  |                         | 2.3                         | 0.0                             |
|       |               | 8/17/2018         | 60.0                     |                          | 122.7                  |                         | 2.4                         | 0.0                             |
|       |               | 8/24/2018         | 59.6                     |                          | 123.1                  |                         | 2.8                         | 0.3                             |
|       |               | 8/31/2018         | 59.4                     |                          | 123.3                  |                         | 3.0                         | 0.3                             |
|       |               | 9/7/2018          | 59.1                     |                          | 123.6                  |                         | 3.3                         | 0.0                             |
|       |               | 9/14/2018         | 58.9                     |                          | 123.8                  |                         | 3.5                         | -0.8                            |
|       |               | 9/21/2018         | 58.7                     |                          | 124.0                  |                         | 3.7                         | -1.7                            |
|       |               | 9/28/2018         | 58.5                     |                          | 124.2                  |                         | 3.9                         | -2.3                            |
|       |               | 10/5/2018         | 58.4                     |                          | 124.3                  |                         | 4.0                         | -1.9                            |
|       |               | 10/12/2018        | 58.4                     |                          | 124.3                  |                         | 4.0                         | -2.0                            |
|       |               | 10/19/2018        | 58.4                     |                          | 124.3                  |                         | 4.0                         | -1.7                            |
|       |               | 10/26/2018        | 58.2                     |                          | 124.5                  |                         | 4.2                         | -0.2                            |
|       |               | 11/2/2018         | 57.9                     |                          | 124.8                  |                         | 4.5                         | 0.3                             |
|       |               | 11/9/2018         | 57.7                     |                          | 125.0                  |                         | 4.7                         | 0.4                             |
|       |               | 11/16/2018        | 57.8                     |                          | 124.9                  |                         | 4.6                         | 0.6                             |
|       |               | 11/23/2018        | 57.7                     |                          | 125.0                  |                         | 4.7                         | 0.7                             |
|       |               | 11/30/2018        | 57.8                     |                          | 124.9                  |                         | 4.6                         | 0.9                             |
|       |               | 12/7/2018         | 58.2                     |                          | 124.5                  |                         | 4.2                         | 0.5                             |
|       |               | 12/14/2018        | 58.1                     |                          | 124.6                  |                         | 4.3                         | 0.4                             |
|       |               | 12/21/2018        | 57.9                     |                          | 124.8                  |                         | 4.5                         | 0.9                             |
|       |               | 12/28/2018        | 57.8                     |                          | 124.9                  |                         | 4.6                         | 1.3                             |
|       |               | 1/4/2019          | 57.8                     |                          | 124.9                  |                         | 4.6                         | 1.9                             |
|       |               | 1/11/2019         | 57.7                     |                          | 125.0                  |                         | 4.7                         | 1.8                             |
|       |               | 1/18/2019         | 58.8                     |                          | 123.9                  |                         | 3.6                         | 1.2                             |
|       |               | 1/25/2019         | 59.3                     |                          | 123.4                  |                         | 3.1                         | 0.7                             |



**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-18D        | 2/1/2019          | 59.5                     |                          | 123.2                  |                         | 2.9                         | 0.5                             |
|       |               | 2/8/2019          | 59.8                     |                          | 122.9                  |                         | 2.6                         | 0.1                             |
|       |               | 2/15/2019         | 59.7                     |                          | 123.0                  |                         | 2.7                         | 0.3                             |
|       |               | 2/22/2019         | 59.9                     |                          | 122.8                  |                         | 2.5                         | 0.2                             |
|       |               | 3/1/2019          | 59.9                     |                          | 122.8                  |                         | 2.5                         | 0.1                             |
|       |               | 3/8/2019          | 59.9                     |                          | 122.8                  |                         | 2.5                         | 0.1                             |
|       |               | 3/15/2019         | 60.0                     |                          | 122.7                  |                         | 2.4                         | 0.1                             |
|       |               | 3/22/2019         | 60.0                     |                          | 122.7                  |                         | 2.4                         | 0.3                             |
|       |               | 3/29/2019         | 59.6                     |                          | 123.1                  |                         | 2.8                         | 0.6                             |
|       |               | 4/5/2019          | 59.5                     |                          | 123.2                  |                         | 2.9                         | 0.7                             |
|       |               | 4/12/2019         | 59.3                     |                          | 123.4                  |                         | 3.1                         | 1.3                             |
|       |               | 4/19/2019         | 59.2                     |                          | 123.5                  |                         | 3.2                         | 1.4                             |
|       |               | 4/26/2019         | 59.2                     |                          | 123.5                  |                         | 3.2                         | 1.3                             |
|       |               | 5/3/2019          | 59.3                     |                          | 123.4                  |                         | 3.1                         | 1.4                             |
|       |               | 5/10/2019         | 59.3                     |                          | 123.4                  |                         | 3.1                         | 1.5                             |
|       |               | 5/17/2019         | 59.3                     |                          | 123.4                  |                         | 3.1                         | 1.4                             |
|       |               | 5/24/2019         | 59.4                     |                          | 123.3                  |                         | 3.0                         | 1.3                             |
|       |               | 5/31/2019         | 59.5                     |                          | 123.2                  |                         | 2.9                         | 1.3                             |
|       |               | 6/7/2019          | 59.4                     |                          | 123.3                  |                         | 3.0                         | 1.3                             |
|       |               | 6/14/2019         | 60.0                     |                          | 122.7                  |                         | 2.4                         | 0.7                             |
|       |               | 6/21/2019         | 59.8                     |                          | 122.9                  |                         | 2.6                         | 0.9                             |
|       |               | 6/28/2019         | 59.8                     |                          | 122.9                  |                         | 2.6                         | 0.9                             |
|       |               | 7/5/2019          | 59.8                     |                          | 122.9                  |                         | 2.6                         | 0.9                             |
|       |               | 7/12/2019         | 60.0                     |                          | 122.7                  |                         | 2.4                         | 0.6                             |
|       |               | 7/19/2019         | 60.0                     |                          | 122.7                  |                         | 2.4                         | 0.4                             |
|       |               | 7/26/2019         | 60.2                     |                          | 122.5                  |                         | 2.2                         | 0.2                             |
|       |               | 8/2/2019          | 59.9                     |                          | 122.8                  |                         | 2.5                         | 0.3                             |
|       |               | 8/9/2019          | 60.0                     |                          | 122.7                  |                         | 2.4                         | 0.1                             |
|       |               | 8/16/2019         | 59.5                     |                          | 123.2                  |                         | 2.9                         | 0.5                             |
|       |               | 8/23/2019         | 59.1                     |                          | 123.6                  |                         | 3.3                         | 0.5                             |
|       |               | 8/30/2019         | 58.8                     |                          | 123.9                  |                         | 3.6                         | 0.6                             |
|       |               |                   |                          |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| III   | SB-19D        | 2/16/2017         | 87.5                     | 203.06                   | 115.6                  | 114.2                   | 1.4                         |                                 |
|       |               | 2/17/2017         | 87.30                    |                          | 115.8                  |                         | 1.6                         |                                 |
|       |               | 2/20/2017         | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |
|       |               | 2/23/2017         | 87.10                    |                          | 116.0                  |                         | 1.8                         |                                 |
|       |               | 2/24/2017         | 86.5                     |                          | 116.6                  |                         | 2.4                         |                                 |
|       |               | 3/3/2017          | 87.3                     |                          | 115.8                  |                         | 1.6                         |                                 |
|       |               | 3/10/2017         | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |
|       |               | 3/17/2017         | 87.3                     |                          | 115.8                  |                         | 1.6                         |                                 |
|       |               | 3/24/2017         | 87.3                     |                          | 115.8                  |                         | 1.6                         |                                 |
|       |               | 3/31/2017         | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |
|       |               | 4/7/2017          | 87.3                     |                          | 115.8                  |                         | 1.6                         |                                 |
|       |               | 4/13/2017         | 87.3                     |                          | 115.8                  |                         | 1.6                         |                                 |
|       |               | 4/21/2017         | 87.4                     |                          | 115.7                  |                         | 1.5                         |                                 |
|       |               | 4/28/2017         | 87.4                     |                          | 115.7                  |                         | 1.5                         |                                 |
|       |               | 5/5/2017          | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |
|       |               | 5/12/2017         | 87.3                     |                          | 115.8                  |                         | 1.6                         |                                 |
|       |               | 5/19/2017         | 87.4                     |                          | 115.7                  |                         | 1.5                         |                                 |
|       |               | 5/26/2017         | 87.4                     |                          | 115.7                  |                         | 1.5                         |                                 |
|       |               | 6/2/2017          | 87.3                     |                          | 115.8                  |                         | 1.6                         |                                 |
|       |               | 6/9/2017          | 87.1                     |                          | 116.0                  |                         | 1.8                         |                                 |
|       |               | 6/16/2017         | 86.4                     |                          | 116.7                  |                         | 2.5                         |                                 |
|       |               | 6/23/2017         | 86.5                     |                          | 116.6                  |                         | 2.4                         |                                 |
|       |               | 6/30/2017         | 87.1                     |                          | 116.0                  |                         | 1.8                         |                                 |
|       |               | 7/7/2017          | 86.9                     |                          | 116.2                  |                         | 2.0                         |                                 |
|       |               | 7/14/2017         | 86.7                     |                          | 116.4                  |                         | 2.2                         |                                 |
|       |               | 7/21/2017         | 86.7                     |                          | 116.4                  |                         | 2.2                         |                                 |
|       |               | 7/28/2017         | 87.0                     |                          | 116.1                  |                         | 1.9                         |                                 |
|       |               | 8/4/2017          | 86.5                     |                          | 116.6                  |                         | 2.4                         |                                 |
|       |               | 8/11/2017         | 86.8                     |                          | 116.3                  |                         | 2.1                         |                                 |
|       |               | 8/18/2017         | 86.8                     |                          | 116.3                  |                         | 2.1                         |                                 |
|       |               | 8/25/2017         | 86.8                     |                          | 116.3                  |                         | 2.1                         |                                 |
|       |               | 9/1/2017          | 86.3                     |                          | 116.8                  |                         | 2.6                         |                                 |
|       |               | 9/8/2017          | 86.2                     |                          | 116.9                  |                         | 2.7                         |                                 |
|       |               | 9/15/2017         | 85.6                     |                          | 117.5                  |                         | 3.3                         |                                 |
|       |               | 9/22/2017         | 85.7                     |                          | 117.4                  |                         | 3.2                         |                                 |
|       |               | 9/29/2017         | 85.8                     |                          | 117.3                  |                         | 3.1                         |                                 |
|       |               | 10/6/2017         | 85.8                     |                          | 117.3                  |                         | 3.1                         |                                 |
|       |               | 10/13/2017        | 86.3                     |                          | 116.8                  |                         | 2.6                         |                                 |
|       |               | 10/20/2017        | 86.6                     |                          | 116.5                  |                         | 2.3                         |                                 |
|       |               | 10/27/2017        | 86.9                     |                          | 116.2                  |                         | 2.0                         |                                 |
|       |               | 11/3/2017         | 87.0                     |                          | 116.1                  |                         | 1.9                         |                                 |
|       |               | 11/10/2017        | 86.9                     |                          | 116.2                  |                         | 2.0                         |                                 |
|       |               | 11/17/2017        | 87.0                     |                          | 116.1                  |                         | 1.9                         |                                 |
|       |               | 11/24/2017        | 87.1                     |                          | 116.0                  |                         | 1.8                         |                                 |
|       |               | 12/1/2017         | 87.1                     |                          | 116.0                  |                         | 1.8                         |                                 |
|       |               | 12/8/2017         | 87.0                     |                          | 116.1                  |                         | 1.9                         |                                 |
|       |               | 12/15/2017        | 87.0                     |                          | 116.1                  |                         | 1.9                         |                                 |
|       |               | 12/22/2017        | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |
|       |               | 12/29/2017        | 87.1                     |                          | 116.0                  |                         | 1.8                         |                                 |
|       |               | 1/5/2018          | 87.3                     |                          | 115.8                  |                         | 1.6                         |                                 |
|       |               | 1/12/2018         | 87.0                     |                          | 116.1                  |                         | 1.9                         |                                 |
|       |               | 1/19/2018         | 87.3                     |                          | 115.8                  |                         | 1.6                         |                                 |
|       |               | 1/26/2018         | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| III   | SB-19D        | 2/2/2018          | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |
|       |               | 2/9/2018          | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |
|       |               | 2/16/2018         | 87.1                     |                          | 116.0                  |                         | 1.8                         |                                 |
|       |               | 2/23/2018         | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |
|       |               | 3/2/2018          | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |
|       |               | 3/9/2018          | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |
|       |               | 3/16/2018         | 87.2                     |                          | 115.9                  |                         | 1.7                         |                                 |
|       |               | 3/23/2018         | 87.4                     |                          | 115.7                  |                         | 1.5                         |                                 |
|       |               | 3/30/2018         | 87.1                     |                          | 116.0                  | See Note 16             | 1.8                         |                                 |
|       |               | 4/6/2018          | 87.2                     |                          | 115.9                  |                         | 1.7                         | 0.1                             |
|       |               | 4/13/2018         | 87.2                     |                          | 115.9                  |                         | 1.7                         | 0.1                             |
|       |               | 4/20/2018         | 87.2                     |                          | 115.9                  |                         | 1.7                         | 0.2                             |
|       |               | 4/27/2018         | 87.1                     |                          | 116.0                  |                         | 1.8                         | 0.3                             |
|       |               | 5/4/2018          | 87.2                     |                          | 115.9                  |                         | 1.7                         | 0.0                             |
|       |               | 5/11/2018         | 87.2                     |                          | 115.9                  |                         | 1.7                         | 0.1                             |
|       |               | 5/18/2018         | 87.2                     |                          | 115.9                  |                         | 1.7                         | 0.2                             |
|       |               | 5/25/2018         | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.4                             |
|       |               | 6/1/2018          | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.3                             |
|       |               | 6/8/2018          | 87.1                     |                          | 116.0                  |                         | 1.8                         | 0.0                             |
|       |               | 6/15/2018         | 87.1                     |                          | 116.0                  |                         | 1.8                         | -0.7                            |
|       |               | 6/22/2018         | 87.1                     |                          | 116.0                  |                         | 1.8                         | -0.6                            |
|       |               | 6/29/2018         | 87.1                     |                          | 116.0                  |                         | 1.8                         | 0.0                             |
|       |               | 7/6/2018          | 87.1                     |                          | 116.0                  |                         | 1.8                         | -0.2                            |
|       |               | 7/13/2018         | 87.1                     |                          | 116.0                  |                         | 1.8                         | -0.4                            |
|       |               | 7/20/2018         | 87.1                     |                          | 116.0                  |                         | 1.8                         | -0.4                            |
|       |               | 7/27/2018         | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.0                             |
|       |               | 8/3/2018          | 87.0                     |                          | 116.1                  |                         | 1.9                         | -0.5                            |
|       |               | 8/10/2018         | 87.0                     |                          | 116.1                  |                         | 1.9                         | -0.2                            |
|       |               | 8/17/2018         | 86.9                     |                          | 116.2                  |                         | 2.0                         | -0.1                            |
|       |               | 8/24/2018         | 86.8                     |                          | 116.3                  |                         | 2.1                         | 0.0                             |
|       |               | 8/31/2018         | 86.7                     |                          | 116.4                  |                         | 2.2                         | -0.4                            |
|       |               | 9/7/2018          | 86.7                     |                          | 116.4                  |                         | 2.2                         | -0.5                            |
|       |               | 9/14/2018         | 86.8                     |                          | 116.3                  |                         | 2.1                         | -1.2                            |
|       |               | 9/21/2018         | 86.9                     |                          | 116.2                  |                         | 2.0                         | -1.2                            |
|       |               | 9/28/2018         | 87.0                     |                          | 116.1                  |                         | 1.9                         | -1.2                            |
|       |               | 10/5/2018         | 86.9                     |                          | 116.2                  |                         | 2.0                         | -1.1                            |
|       |               | 10/12/2018        | 86.9                     |                          | 116.2                  |                         | 2.0                         | -0.6                            |
|       |               | 10/19/2018        | 87.0                     |                          | 116.1                  |                         | 1.9                         | -0.4                            |
|       |               | 10/26/2018        | 86.6                     |                          | 116.5                  |                         | 2.3                         | 0.3                             |
|       |               | 11/2/2018         | 86.9                     |                          | 116.2                  |                         | 2.0                         | 0.1                             |
|       |               | 11/9/2018         | 87.0                     |                          | 116.1                  |                         | 1.9                         | -0.1                            |
|       |               | 11/16/2018        | 87.1                     |                          | 116.0                  |                         | 1.8                         | -0.1                            |
|       |               | 11/23/2018        | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.1                             |
|       |               | 11/30/2018        | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.1                             |
|       |               | 12/7/2018         | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.0                             |
|       |               | 12/14/2018        | 86.8                     |                          | 116.3                  |                         | 2.1                         | 0.2                             |
|       |               | 12/21/2018        | 86.7                     |                          | 116.4                  |                         | 2.2                         | 0.5                             |
|       |               | 12/28/2018        | 86.7                     |                          | 116.4                  |                         | 2.2                         | 0.4                             |
|       |               | 1/4/2019          | 86.7                     |                          | 116.4                  |                         | 2.2                         | 0.6                             |
|       |               | 1/11/2019         | 86.9                     |                          | 116.2                  |                         | 2.0                         | 0.1                             |
|       |               | 1/18/2019         | 86.9                     |                          | 116.2                  |                         | 2.0                         | 0.4                             |
|       |               | 1/25/2019         | 87.1                     |                          | 116.0                  |                         | 1.8                         | 0.1                             |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| III   | SB-19D        | 2/1/2019          | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.2                             |
|       |               | 2/8/2019          | 87.1                     |                          | 116.0                  |                         | 1.8                         | 0.1                             |
|       |               | 2/15/2019         | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.1                             |
|       |               | 2/22/2019         | 87.1                     |                          | 116.0                  |                         | 1.8                         | 0.1                             |
|       |               | 3/1/2019          | 87.1                     |                          | 116.0                  |                         | 1.8                         | 0.1                             |
|       |               | 3/8/2019          | 86.9                     |                          | 116.2                  |                         | 2.0                         | 0.3                             |
|       |               | 3/15/2019         | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.2                             |
|       |               | 3/22/2019         | 87.1                     |                          | 116.0                  |                         | 1.8                         | 0.3                             |
|       |               | 3/29/2019         | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.1                             |
|       |               | 4/5/2019          | 86.9                     |                          | 116.2                  |                         | 2.0                         | 0.3                             |
|       |               | 4/12/2019         | 86.9                     |                          | 116.2                  |                         | 2.0                         | 0.3                             |
|       |               | 4/19/2019         | 86.7                     |                          | 116.4                  |                         | 2.2                         | 0.5                             |
|       |               | 4/26/2019         | 86.8                     |                          | 116.3                  |                         | 2.1                         | 0.3                             |
|       |               | 5/3/2019          | 86.9                     |                          | 116.2                  |                         | 2.0                         | 0.3                             |
|       |               | 5/10/2019         | 86.9                     |                          | 116.2                  |                         | 2.0                         | 0.3                             |
|       |               | 5/17/2019         | 86.9                     |                          | 116.2                  |                         | 2.0                         | 0.3                             |
|       |               | 5/24/2019         | 86.9                     |                          | 116.2                  |                         | 2.0                         | 0.1                             |
|       |               | 5/31/2019         | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.0                             |
|       |               | 6/7/2019          | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.1                             |
|       |               | 6/14/2019         | 87.1                     |                          | 116.0                  |                         | 1.8                         | 0.0                             |
|       |               | 6/21/2019         | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.1                             |
|       |               | 6/28/2019         | 87.1                     |                          | 116.0                  |                         | 1.8                         | 0.0                             |
|       |               | 7/5/2019          | 87.1                     |                          | 116.0                  |                         | 1.8                         | 0.0                             |
|       |               | 7/12/2019         | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.1                             |
|       |               | 7/19/2019         | 87.0                     |                          | 116.1                  |                         | 1.9                         | 0.1                             |
|       |               | 7/26/2019         | 86.9                     |                          | 116.2                  |                         | 2.0                         | 0.1                             |
|       |               | 8/2/2019          | 86.5                     |                          | 116.6                  |                         | 2.4                         | 0.5                             |
|       |               | 8/9/2019          | 86.6                     |                          | 116.5                  |                         | 2.3                         | 0.4                             |
|       |               | 8/16/2019         | 86.2                     |                          | 116.9                  |                         | 2.7                         | 0.7                             |
|       |               | 8/23/2019         | 86.2                     |                          | 116.9                  |                         | 2.7                         | 0.6                             |
|       |               | 8/30/2019         | 86.2                     |                          | 116.9                  |                         | 2.7                         | 0.5                             |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| III   | SB-19S        | 3/3/2017          | 78.6                     | 203.36                   | DRY                    | N/A                     | N/A                         |                                 |
|       |               | 3/10/2017         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/17/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/24/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/31/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/7/2017          | 78.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/13/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/21/2017         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/28/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/5/2017          | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/12/2017         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/19/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/26/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/2/2017          | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/9/2017          | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/16/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/23/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/30/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/7/2017          | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/14/2017         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/21/2017         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/28/2017         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/4/2017          | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/11/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/18/2017         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/25/2017         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 9/1/2017          | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 9/8/2017          | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 9/15/2017         | 78.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 9/22/2017         | 78.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 9/29/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 10/6/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 10/13/2017        | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 10/20/2017        | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 10/27/2017        | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 11/3/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 11/10/2017        | 78.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 11/17/2017        | 78.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 11/24/2017        | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 12/1/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 12/8/2017         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 12/15/2017        | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 12/22/2017        | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 12/29/2017        | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 1/5/2018          | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 1/12/2018         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 1/19/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 1/26/2018         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 2/2/2018          | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 2/9/2018          | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| III   | SB-19S        | 2/16/2018         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 2/23/2018         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/2/2018          | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/9/2018          | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/16/2018         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/23/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/30/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/6/2018          | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/13/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/20/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/27/2018         | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/4/2018          | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/11/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/18/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/25/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/1/2018          | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/8/2018          | 78.5                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/15/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/22/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/29/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/6/2018          | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/13/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/20/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/27/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/3/2018          | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/10/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/17/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/24/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/31/2018         | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 9/7/2018          | 78.6                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 9/14/2018         | 78.7                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 9/21/2018         | 78.7                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 10/5/2018         | 78.7                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 10/12/2018        | 78.7                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 10/19/2018        | 78.7                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 10/26/2018        | 78.7                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/24/2018         | 78.7                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 11/9/2018         | See Note 23              |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| III   | SB-20D        | 2/16/2017         | 74.4                     | 192.86                   | 118.5                  | 115.0                   | 3.5                         |                                 |
|       |               | 2/17/2017         | 75.83                    |                          | 117.0                  |                         | 2.0                         |                                 |
|       |               | 2/20/2017         | 75.7                     |                          | 117.2                  |                         | 2.2                         |                                 |
|       |               | 2/23/2017         | 75.65                    |                          | 117.2                  |                         | 2.2                         |                                 |
|       |               | 2/24/2017         | 75.7                     |                          | 117.2                  |                         | 2.2                         |                                 |
|       |               | 3/3/2017          | 75.9                     |                          | 117.0                  |                         | 2.0                         |                                 |
|       |               | 3/10/2017         | 75.8                     |                          | 117.1                  |                         | 2.1                         |                                 |
|       |               | 3/17/2017         | 75.7                     |                          | 117.2                  |                         | 2.2                         |                                 |
|       |               | 3/24/2017         | 75.9                     |                          | 117.0                  |                         | 2.0                         |                                 |
|       |               | 3/31/2017         | 75.8                     |                          | 117.1                  |                         | 2.1                         |                                 |
|       |               | 4/7/2017          | 75.9                     |                          | 117.0                  |                         | 2.0                         |                                 |
|       |               | 4/13/2017         | 76.0                     |                          | 116.9                  |                         | 1.9                         |                                 |
|       |               | 4/21/2017         | 75.9                     |                          | 117.0                  |                         | 2.0                         |                                 |
|       |               | 4/28/2017         | 76.1                     |                          | 116.8                  |                         | 1.8                         |                                 |
|       |               | 5/5/2017          | 75.9                     |                          | 117.0                  |                         | 2.0                         |                                 |
|       |               | 5/12/2017         | 76.0                     |                          | 116.9                  |                         | 1.9                         |                                 |
|       |               | 5/19/2017         | 76.1                     |                          | 116.8                  |                         | 1.8                         |                                 |
|       |               | 5/26/2017         | 76.0                     |                          | 116.9                  |                         | 1.9                         |                                 |
|       |               | 6/2/2017          | 76.0                     |                          | 116.9                  |                         | 1.9                         |                                 |
|       |               | 6/9/2017          | 76.1                     |                          | 116.8                  |                         | 1.8                         |                                 |
|       |               | 6/16/2017         | 76.1                     |                          | 116.8                  |                         | 1.8                         |                                 |
|       |               | 6/23/2017         | 76.1                     |                          | 116.8                  |                         | 1.8                         |                                 |
|       |               | 6/30/2017         | 76.2                     |                          | 116.7                  |                         | 1.7                         |                                 |
|       |               | 7/7/2017          | 76.2                     |                          | 116.7                  |                         | 1.7                         |                                 |
|       |               | 7/14/2017         | 76.1                     |                          | 116.8                  |                         | 1.8                         |                                 |
|       |               | 7/21/2017         | 76.1                     |                          | 116.8                  |                         | 1.8                         |                                 |
|       |               | 7/28/2017         | 76.0                     |                          | 116.9                  |                         | 1.9                         |                                 |
|       |               | 8/4/2017          | 76.1                     |                          | 116.8                  |                         | 1.8                         |                                 |
|       |               | 8/11/2017         | 76.1                     |                          | 116.8                  |                         | 1.8                         |                                 |
|       |               | 8/18/2017         | 75.9                     |                          | 117.0                  |                         | 2.0                         |                                 |
|       |               | 8/25/2017         | 75.8                     |                          | 117.1                  |                         | 2.1                         |                                 |
|       |               | 9/1/2017          | 75.8                     |                          | 117.1                  |                         | 2.1                         |                                 |
|       |               | 9/8/2017          | 75.8                     |                          | 117.1                  |                         | 2.1                         |                                 |
|       |               | 9/15/2017         | 75.6                     |                          | 117.3                  |                         | 2.3                         |                                 |
|       |               | 9/22/2017         | 75.6                     |                          | 117.3                  |                         | 2.3                         |                                 |
|       |               | 9/29/2017         | 75.2                     |                          | 117.7                  |                         | 2.7                         |                                 |
|       |               | 10/6/2017         | 75.1                     |                          | 117.8                  |                         | 2.8                         |                                 |
|       |               | 10/13/2017        | 75.1                     |                          | 117.8                  |                         | 2.8                         |                                 |
|       |               | 10/20/2017        | 75.0                     |                          | 117.9                  |                         | 2.9                         |                                 |
|       |               | 10/27/2017        | 75.0                     |                          | 117.9                  |                         | 2.9                         |                                 |
|       |               | 11/3/2017         | 74.9                     |                          | 118.0                  |                         | 3.0                         |                                 |
|       |               | 11/10/2017        | 74.8                     |                          | 118.1                  |                         | 3.1                         |                                 |
|       |               | 11/17/2017        | 74.8                     |                          | 118.1                  |                         | 3.1                         |                                 |
|       |               | 11/24/2017        | 74.8                     |                          | 118.1                  |                         | 3.1                         |                                 |
|       |               | 12/1/2017         | 74.8                     |                          | 118.1                  |                         | 3.1                         |                                 |
|       |               | 12/8/2017         | 74.7                     |                          | 118.2                  |                         | 3.2                         |                                 |
|       |               | 12/15/2017        | 74.8                     |                          | 118.1                  |                         | 3.1                         |                                 |
|       |               | 12/22/2017        | 75.0                     |                          | 117.9                  |                         | 2.9                         |                                 |
|       |               | 12/29/2017        | 75.0                     |                          | 117.9                  |                         | 2.9                         |                                 |
|       |               | 1/5/2018          | 75.1                     |                          | 117.8                  |                         | 2.8                         |                                 |
|       |               | 1/12/2018         | 74.8                     |                          | 118.1                  |                         | 3.1                         |                                 |
|       |               | 1/19/2018         | 75.0                     |                          | 117.9                  |                         | 2.9                         |                                 |
|       |               | 1/26/2018         | 75.0                     |                          | 117.9                  |                         | 2.9                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| III   | SB-20D        | 2/2/2018          | 74.9                     |                          | 118.0                  |                         | 3.0                         |                                 |
|       |               | 2/9/2018          | 74.9                     |                          | 118.0                  |                         | 3.0                         |                                 |
|       |               | 2/16/2018         | 74.8                     |                          | 118.1                  |                         | 3.1                         |                                 |
|       |               | 2/23/2018         | 74.8                     |                          | 118.1                  |                         | 3.1                         |                                 |
|       |               | 3/2/2018          | 74.7                     |                          | 118.2                  |                         | 3.2                         |                                 |
|       |               | 3/9/2018          | 74.6                     |                          | 118.3                  |                         | 3.3                         |                                 |
|       |               | 3/16/2018         | 74.5                     |                          | 118.4                  |                         | 3.4                         |                                 |
|       |               | 3/23/2018         | 74.6                     |                          | 118.3                  |                         | 3.3                         |                                 |
|       |               | 3/30/2018         | 74.3                     |                          | 118.6                  | See Note 16             | 3.6                         |                                 |
|       |               | 4/6/2018          | 74.5                     |                          | 118.4                  |                         | 3.4                         | 1.4                             |
|       |               | 4/13/2018         | 74.5                     |                          | 118.4                  |                         | 3.4                         | 1.5                             |
|       |               | 4/20/2018         | 74.5                     |                          | 118.4                  |                         | 3.4                         | 1.4                             |
|       |               | 4/27/2018         | 74.5                     |                          | 118.4                  |                         | 3.4                         | 1.6                             |
|       |               | 5/4/2018          | 74.6                     |                          | 118.3                  |                         | 3.3                         | 1.3                             |
|       |               | 5/11/2018         | 74.7                     |                          | 118.2                  |                         | 3.2                         | 1.3                             |
|       |               | 5/18/2018         | 74.7                     |                          | 118.2                  |                         | 3.2                         | 1.4                             |
|       |               | 5/25/2018         | 74.7                     |                          | 118.2                  |                         | 3.2                         | 1.3                             |
|       |               | 6/1/2018          | 74.9                     |                          | 118.0                  |                         | 3.0                         | 1.1                             |
|       |               | 6/8/2018          | 74.9                     |                          | 118.0                  |                         | 3.0                         | 1.2                             |
|       |               | 6/15/2018         | 74.9                     |                          | 118.0                  |                         | 3.0                         | 1.2                             |
|       |               | 6/22/2018         | 74.9                     |                          | 118.0                  |                         | 3.0                         | 1.2                             |
|       |               | 6/29/2018         | 74.9                     |                          | 118.0                  |                         | 3.0                         | 1.3                             |
|       |               | 7/6/2018          | 75.0                     |                          | 117.9                  |                         | 2.9                         | 1.2                             |
|       |               | 7/13/2018         | 75.0                     |                          | 117.9                  |                         | 2.9                         | 1.2                             |
|       |               | 7/20/2018         | 75.0                     |                          | 117.9                  |                         | 2.9                         | 1.1                             |
|       |               | 7/27/2018         | 75.0                     |                          | 117.9                  |                         | 2.9                         | 1.1                             |
|       |               | 8/3/2018          | 75.0                     |                          | 117.9                  |                         | 2.9                         | 1.0                             |
|       |               | 8/10/2018         | 75.0                     |                          | 117.9                  |                         | 2.9                         | 1.1                             |
|       |               | 8/17/2018         | 75.1                     |                          | 117.8                  |                         | 2.8                         | 1.0                             |
|       |               | 8/24/2018         | 74.9                     |                          | 118.0                  |                         | 3.0                         | 1.0                             |
|       |               | 8/31/2018         | 74.9                     |                          | 118.0                  |                         | 3.0                         | 0.9                             |
|       |               | 9/7/2018          | 74.8                     |                          | 118.1                  |                         | 3.1                         | 1.0                             |
|       |               | 9/14/2018         | 75.0                     |                          | 117.9                  |                         | 2.9                         | 0.8                             |
|       |               | 9/21/2018         | 75.0                     |                          | 117.9                  |                         | 2.9                         | 0.6                             |
|       |               | 9/28/2018         | 74.9                     |                          | 118.0                  |                         | 3.0                         | 0.7                             |
|       |               | 10/5/2018         | 74.8                     |                          | 118.1                  |                         | 3.1                         | 0.3                             |
|       |               | 10/12/2018        | 74.7                     |                          | 118.2                  |                         | 3.2                         | 0.4                             |
|       |               | 10/19/2018        | 74.8                     |                          | 118.1                  |                         | 3.1                         | 0.2                             |
|       |               | 10/26/2018        | 74.6                     |                          | 118.3                  |                         | 3.3                         | 0.4                             |
|       |               | 11/2/2018         | 74.6                     |                          | 118.3                  |                         | 3.3                         | 0.3                             |
|       |               | 11/9/2018         | 74.6                     |                          | 118.3                  |                         | 3.3                         | 0.2                             |
|       |               | 11/16/2018        | 74.8                     |                          | 118.1                  |                         | 3.1                         | 0.0                             |
|       |               | 11/23/2018        | 74.6                     |                          | 118.3                  |                         | 3.3                         | 0.2                             |
|       |               | 11/30/2018        | 74.8                     |                          | 118.1                  |                         | 3.1                         | 0.0                             |
|       |               | 12/7/2018         | 74.9                     |                          | 118.0                  |                         | 3.0                         | -0.2                            |
|       |               | 12/14/2018        | 74.6                     |                          | 118.3                  |                         | 3.3                         | 0.2                             |
|       |               | 12/21/2018        | 74.5                     |                          | 118.4                  |                         | 3.4                         | 0.5                             |
|       |               | 12/28/2018        | 74.7                     |                          | 118.2                  |                         | 3.2                         | 0.3                             |
|       |               | 1/4/2019          | 74.7                     |                          | 118.2                  |                         | 3.2                         | 0.4                             |
|       |               | 1/11/2019         | 74.7                     |                          | 118.2                  |                         | 3.2                         | 0.4                             |
|       |               | 1/18/2019         | 74.7                     |                          | 118.2                  |                         | 3.2                         | 0.1                             |
|       |               | 1/25/2019         | 74.9                     |                          | 118.0                  |                         | 3.0                         | 0.1                             |



**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| III   | SB-20D        | 2/1/2019          | 74.9                     |                          | 118.0                  |                         | 3.0                         | 0.1                             |
|       |               | 2/8/2019          | 75.0                     |                          | 117.9                  |                         | 2.9                         | -0.1                            |
|       |               | 2/15/2019         | 74.8                     |                          | 118.1                  |                         | 3.1                         | 0.1                             |
|       |               | 2/22/2019         | 75.0                     |                          | 117.9                  |                         | 2.9                         | -0.2                            |
|       |               | 3/1/2019          | 75.0                     |                          | 117.9                  |                         | 2.9                         | -0.3                            |
|       |               | 3/8/2019          | 75.0                     |                          | 117.9                  |                         | 2.9                         | -0.4                            |
|       |               | 3/15/2019         | 75.0                     |                          | 117.9                  |                         | 2.9                         | -0.5                            |
|       |               | 3/22/2019         | 75.1                     |                          | 117.8                  |                         | 2.8                         | -0.5                            |
|       |               | 3/29/2019         | 75.1                     |                          | 117.8                  |                         | 2.8                         | -0.8                            |
|       |               | 4/5/2019          | 75.1                     |                          | 117.8                  |                         | 2.8                         | -0.6                            |
|       |               | 4/12/2019         | 75.1                     |                          | 117.8                  |                         | 2.8                         | -0.6                            |
|       |               | 4/19/2019         | 74.9                     |                          | 118.0                  |                         | 3.0                         | -0.4                            |
|       |               | 4/26/2019         | 75.0                     |                          | 117.9                  |                         | 2.9                         | -0.5                            |
|       |               | 5/3/2019          | 75.1                     |                          | 117.8                  |                         | 2.8                         | -0.5                            |
|       |               | 5/10/2019         | 75.1                     |                          | 117.8                  |                         | 2.8                         | -0.4                            |
|       |               | 5/17/2019         | 75.2                     |                          | 117.7                  |                         | 2.7                         | -0.5                            |
|       |               | 5/24/2019         | 75.2                     |                          | 117.7                  |                         | 2.7                         | -0.5                            |
|       |               | 5/31/2019         | 75.2                     |                          | 117.7                  |                         | 2.7                         | -0.3                            |
|       |               | 6/7/2019          | 75.2                     |                          | 117.7                  |                         | 2.7                         | -0.3                            |
|       |               | 6/14/2019         | 75.4                     |                          | 117.5                  |                         | 2.5                         | -0.5                            |
|       |               | 6/21/2019         | 75.4                     |                          | 117.5                  |                         | 2.5                         | -0.5                            |
|       |               | 6/28/2019         | 75.3                     |                          | 117.6                  |                         | 2.6                         | -0.4                            |
|       |               | 7/5/2019          | 75.3                     |                          | 117.6                  |                         | 2.6                         | -0.3                            |
|       |               | 7/12/2019         | 75.3                     |                          | 117.6                  |                         | 2.6                         | -0.3                            |
|       |               | 7/19/2019         | 75.3                     |                          | 117.6                  |                         | 2.6                         | -0.3                            |
|       |               | 7/26/2019         | 75.3                     |                          | 117.6                  |                         | 2.6                         | -0.3                            |
|       |               | 8/2/2019          | 75.1                     |                          | 117.8                  |                         | 2.8                         | -0.1                            |
|       |               | 8/9/2019          | 75.1                     |                          | 117.8                  |                         | 2.8                         | -0.1                            |
|       |               | 8/16/2019         | 74.9                     |                          | 118.0                  |                         | 3.0                         | 0.2                             |
|       |               | 8/23/2019         | 74.7                     |                          | 118.2                  |                         | 3.2                         | 0.2                             |
|       |               | 8/30/2019         | 74.6                     |                          | 118.3                  |                         | 3.3                         | 0.3                             |
|       |               |                   |                          |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| VI    | SB-21D        | 2/16/2017         | 79.1                     | 194.30                   | 115.2                  | 113.0                   | 2.2                         |                                 |
|       |               | 2/17/2017         | 79.18                    |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 2/20/2017         | 79.4                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 2/23/2017         | 79.05                    |                          | 115.3                  |                         | 2.3                         |                                 |
|       |               | 2/24/2017         | 79.2                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 3/3/2017          | 79.2                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 3/10/2017         | 79.2                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 3/17/2017         | 79.1                     |                          | 115.2                  |                         | 2.2                         |                                 |
|       |               | 3/24/2017         | 79.2                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 3/31/2017         | 79.0                     |                          | 115.3                  |                         | 2.3                         |                                 |
|       |               | 4/7/2017          | 79.2                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 4/13/2017         | 79.2                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 4/21/2017         | 79.2                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 4/28/2017         | 79.3                     |                          | 115.0                  |                         | 2.0                         |                                 |
|       |               | 5/5/2017          | 79.2                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 5/12/2017         | 79.2                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 5/19/2017         | 79.3                     |                          | 115.0                  |                         | 2.0                         |                                 |
|       |               | 5/26/2017         | 79.4                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 6/2/2017          | 79.3                     |                          | 115.0                  |                         | 2.0                         |                                 |
|       |               | 6/9/2017          | 79.4                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 6/16/2017         | 79.2                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 6/23/2017         | 79.4                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 6/30/2017         | 79.4                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 7/7/2017          | 79.4                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 7/14/2017         | 79.4                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 7/21/2017         | 79.3                     |                          | 115.0                  |                         | 2.0                         |                                 |
|       |               | 7/28/2017         | 79.2                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 8/4/2017          | 79.0                     |                          | 115.3                  |                         | 2.3                         |                                 |
|       |               | 8/11/2017         | 79.0                     |                          | 115.3                  |                         | 2.3                         |                                 |
|       |               | 8/18/2017         | 79.0                     |                          | 115.3                  |                         | 2.3                         |                                 |
|       |               | 8/25/2017         | 78.9                     |                          | 115.4                  |                         | 2.4                         |                                 |
|       |               | 9/1/2017          | 78.9                     |                          | 115.4                  |                         | 2.4                         |                                 |
|       |               | 9/8/2017          | 78.7                     |                          | 115.6                  |                         | 2.6                         |                                 |
|       |               | 9/15/2017         | 78.4                     |                          | 115.9                  |                         | 2.9                         |                                 |
|       |               | 9/22/2017         | 78.2                     |                          | 116.1                  |                         | 3.1                         |                                 |
|       |               | 9/29/2017         |                          |                          |                        | See Note 11             |                             |                                 |
|       |               | 10/6/2017         | 87.6                     | 203.99                   | 116.4                  | See Note 11             | 3.4                         |                                 |
|       |               | 10/13/2017        | 87.8                     |                          | 116.2                  |                         | 3.2                         |                                 |
|       |               | 10/20/2017        | 88.0                     |                          | 116.0                  |                         | 3.0                         |                                 |
|       |               | 10/27/2017        |                          | 208.67                   |                        | See Note 11             |                             |                                 |
|       |               | 11/3/2017         |                          |                          |                        | See Note 11             |                             |                                 |
|       |               | 11/10/2017        |                          |                          |                        | See Note 11             |                             |                                 |
|       |               | 11/17/2017        |                          |                          |                        | See Note 11             |                             |                                 |
|       |               | 11/24/2017        |                          |                          |                        | See Note 11             |                             |                                 |
|       |               | 12/1/2017         |                          |                          |                        | See Note 11             |                             |                                 |
|       |               | 12/8/2017         |                          |                          |                        | See Note 11             |                             |                                 |
|       |               | 12/15/2017        | 93.8                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 12/22/2017        | 93.8                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 12/29/2017        | 93.8                     |                          | 114.9                  |                         | 1.9                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| VI    | SB-21D        | 1/5/2018          | 93.9                     |                          | 114.8                  |                         | 1.8                         |                                 |
|       |               | 1/12/2018         | 93.6                     |                          | 115.1                  |                         | 2.1                         |                                 |
|       |               | 1/19/2018         | 93.5                     |                          | 115.2                  |                         | 2.2                         |                                 |
|       |               | 1/26/2018         | 93.8                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 2/2/2018          | 93.8                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 2/9/2018          | 93.9                     |                          | 114.8                  |                         | 1.8                         |                                 |
|       |               | 2/16/2018         | 93.8                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 2/23/2018         | 93.8                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 3/2/2018          | 93.8                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 3/9/2018          | 93.8                     |                          | 114.9                  |                         | 1.9                         |                                 |
|       |               | 3/16/2018         | 93.7                     |                          | 115.0                  |                         | 2.0                         |                                 |
|       |               | 3/23/2018         | 93.9                     |                          | 114.8                  |                         | 1.8                         |                                 |
|       |               | 3/30/2018         | 93.7                     |                          | 115.0                  | See Note 16             | 2.0                         |                                 |
|       |               | 4/6/2018          | 93.6                     |                          | 115.1                  |                         | 2.1                         | 0.0                             |
|       |               | 4/13/2018         | 93.8                     |                          | 114.9                  |                         | 1.9                         | -0.2                            |
|       |               | 4/20/2018         | 93.7                     |                          | 115.0                  |                         | 2.0                         | -0.1                            |
|       |               | 4/27/2018         | 93.7                     |                          | 115.0                  |                         | 2.0                         | 0.0                             |
|       |               | 5/4/2018          | 93.7                     |                          | 115.0                  |                         | 2.0                         | -0.1                            |
|       |               | 5/11/2018         | 93.7                     |                          | 115.0                  |                         | 2.0                         | -0.1                            |
|       |               | 5/18/2018         | 93.7                     |                          | 115.0                  |                         | 2.0                         | 0.0                             |
|       |               | 5/25/2018         | 93.6                     |                          | 115.1                  |                         | 2.1                         | 0.2                             |
|       |               | 6/1/2018          | 93.6                     |                          | 115.1                  |                         | 2.1                         | 0.1                             |
|       |               | 6/8/2018          | 93.7                     |                          | 115.0                  |                         | 2.0                         | 0.1                             |
|       |               | 6/15/2018         | 93.6                     |                          | 115.1                  |                         | 2.1                         | 0.0                             |
|       |               | 6/22/2018         | 93.6                     |                          | 115.1                  |                         | 2.1                         | 0.2                             |
|       |               | 6/29/2018         | 93.6                     |                          | 115.1                  |                         | 2.1                         | 0.2                             |
|       |               | 7/6/2018          | 93.6                     |                          | 115.1                  |                         | 2.1                         | 0.2                             |
|       |               | 7/13/2018         | 93.6                     |                          | 115.1                  |                         | 2.1                         | 0.2                             |
|       |               | 7/20/2018         | 93.5                     |                          | 115.2                  |                         | 2.2                         | 0.2                             |
|       |               | 7/27/2018         | 93.3                     |                          | 115.4                  |                         | 2.4                         | 0.3                             |
|       |               | 8/3/2018          | 93.3                     |                          | 115.4                  |                         | 2.4                         | 0.1                             |
|       |               | 8/10/2018         | 93.2                     |                          | 115.5                  |                         | 2.5                         | 0.2                             |
|       |               | 8/17/2018         | 93.2                     |                          | 115.5                  |                         | 2.4                         | 0.1                             |
|       |               | 8/24/2018         | 93.0                     |                          | 115.7                  |                         | 2.7                         | 0.3                             |
|       |               | 8/31/2018         | 93.0                     |                          | 115.7                  |                         | 2.7                         | 0.3                             |
|       |               | 9/7/2018          | 92.9                     |                          | 115.8                  |                         | 2.8                         | 0.2                             |
|       |               | 9/14/2018         | 92.9                     |                          | 115.8                  |                         | 2.8                         | -0.1                            |
|       |               | 9/21/2018         | 92.9                     |                          | 115.8                  |                         | 2.8                         | -0.3                            |
|       |               | 9/28/2018         | 93.0                     |                          | 115.7                  |                         | 2.7                         | -                               |
|       |               | 10/5/2018         | 92.9                     |                          | 115.8                  |                         | 2.8                         | -0.6                            |
|       |               | 10/12/2018        | 92.8                     |                          | 115.9                  |                         | 2.9                         | -0.3                            |
|       |               | 10/19/2018        | 92.9                     |                          | 115.8                  |                         | 2.8                         | -0.2                            |
|       |               | 10/26/2018        | 92.7                     |                          | 116.0                  |                         | 3.0                         | -                               |
|       |               | 11/2/2018         | 92.8                     |                          | 115.9                  |                         | 2.9                         | -                               |
|       |               | 11/9/2018         | 92.8                     |                          | 115.9                  |                         | 2.9                         | -                               |
|       |               | 11/16/2018        | 92.9                     |                          | 115.8                  |                         | 2.8                         | -                               |
|       |               | 11/23/2018        | 92.9                     |                          | 115.8                  |                         | 2.8                         | -                               |
|       |               | 11/30/2018        | 92.9                     |                          | 115.8                  |                         | 2.8                         | -                               |
|       |               | 12/7/2018         | 92.9                     |                          | 115.8                  |                         | 2.8                         | -                               |
|       |               | 12/14/2018        | See Note 25              |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| VI    | SB-22D        | 2/17/2017         | 78.5                     | 193.05                   | 114.6                  | 113.2                   | 1.4                         |                                 |
|       |               | 2/17/2017         | 78.97                    |                          | 114.1                  |                         | 0.9                         |                                 |
|       |               | 2/20/2017         | 78.8                     |                          | 114.3                  |                         | 1.1                         |                                 |
|       |               | 2/23/2017         | 78.00                    |                          | 115.1                  |                         | 1.9                         |                                 |
|       |               | 2/24/2017         | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 3/3/2017          | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 3/10/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 3/17/2017         | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 3/24/2017         | 78.0                     |                          | 115.1                  |                         | 1.9                         |                                 |
|       |               | 3/31/2017         | 77.9                     |                          | 115.2                  |                         | 2.0                         |                                 |
|       |               | 4/7/2017          | 78.0                     |                          | 115.1                  |                         | 1.9                         |                                 |
|       |               | 4/13/2017         | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 4/21/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 4/28/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 5/5/2017          | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 5/12/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 5/19/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 5/26/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 6/2/2017          | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 6/9/2017          | 78.4                     |                          | 114.7                  |                         | 1.5                         |                                 |
|       |               | 6/16/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 6/23/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 6/30/2017         | 78.4                     |                          | 114.7                  |                         | 1.5                         |                                 |
|       |               | 7/7/2017          | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 7/14/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 7/21/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 7/28/2017         | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 8/4/2017          | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 8/11/2017         | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 8/18/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 8/25/2017         | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 9/1/2017          | 78.0                     |                          | 115.1                  |                         | 1.9                         |                                 |
|       |               | 9/8/2017          | 77.8                     |                          | 115.3                  |                         | 2.1                         |                                 |
|       |               | 9/15/2017         | 77.5                     |                          | 115.6                  |                         | 2.4                         |                                 |
|       |               | 9/22/2017         | 77.1                     |                          | 116.0                  |                         | 2.8                         |                                 |
|       |               | 9/29/2017         | 77.1                     |                          | 116.0                  |                         | 2.8                         |                                 |
|       |               | 10/6/2017         | 77.1                     |                          | 116.0                  |                         | 2.8                         |                                 |
|       |               | 10/13/2017        | 77.3                     |                          | 115.8                  |                         | 2.6                         |                                 |
|       |               | 10/20/2017        | 77.5                     |                          | 115.6                  |                         | 2.4                         |                                 |
|       |               | 10/27/2017        | 77.5                     |                          | 115.6                  |                         | 2.4                         |                                 |
|       |               | 11/3/2017         | 77.7                     |                          | 115.4                  |                         | 2.2                         |                                 |
|       |               | 11/10/2017        | 77.7                     |                          | 115.4                  |                         | 2.2                         |                                 |
|       |               | 11/17/2017        | 77.7                     |                          | 115.4                  |                         | 2.2                         |                                 |
|       |               | 11/24/2017        | 77.8                     |                          | 115.3                  |                         | 2.1                         |                                 |
|       |               | 12/1/2017         | 78.0                     |                          | 115.1                  |                         | 1.9                         |                                 |
|       |               | 12/8/2017         | 78.0                     |                          | 115.1                  |                         | 1.9                         |                                 |
|       |               | 12/15/2017        | 78.0                     |                          | 115.1                  |                         | 1.9                         |                                 |
|       |               | 12/22/2017        | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 12/29/2017        | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| VI    | SB-22D        | 1/5/2018          | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 1/12/2018         | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 1/19/2018         | 78.0                     |                          | 115.1                  |                         | 1.9                         |                                 |
|       |               | 1/26/2018         | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 2/2/2018          | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 2/9/2018          | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 2/16/2018         | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 2/23/2018         | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 3/2/2018          | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 3/9/2018          | 78.2                     |                          | 114.9                  |                         | 1.7                         |                                 |
|       |               | 3/16/2018         | 78.1                     |                          | 115.0                  |                         | 1.8                         |                                 |
|       |               | 3/23/2018         | 78.3                     |                          | 114.8                  |                         | 1.6                         |                                 |
|       |               | 3/30/2018         | 78.0                     |                          | 115.1                  | See Note 16             | 1.9                         |                                 |
|       |               | 4/6/2018          | 78.0                     |                          | 115.1                  |                         | 1.9                         | 0.0                             |
|       |               | 4/13/2018         | 77.7                     |                          | 115.4                  |                         | 2.2                         | 0.4                             |
|       |               | 4/20/2018         | -                        |                          |                        | See Note 17             |                             |                                 |
|       |               | 4/27/2018         | -                        |                          |                        | See Note 17             |                             |                                 |
|       |               | 5/4/2018          | 88.0                     | 202.8                    | 114.8                  | See Note 17             | 1.6                         | -0.2                            |
|       |               | 5/11/2018         | 96.2                     | 210.8                    | 114.6                  | See Note 17             | 1.4                         | -0.3                            |
|       |               | 5/18/2018         | See Note 18              |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| IV    | SB-23D        | 2/16/2017         | 83.9                     | 199.70                   | 115.8                  | 113.3                   | 2.5                         |                                 |
|       |               | 2/17/2017         | 84.0                     |                          | 115.7                  |                         | 2.4                         |                                 |
|       |               | 2/20/2017         | 84.1                     |                          | 115.6                  |                         | 2.3                         |                                 |
|       |               | 2/23/2017         | 83.85                    |                          | 115.9                  |                         | 2.6                         |                                 |
|       |               | 2/24/2017         | 83.9                     |                          | 115.8                  |                         | 2.5                         |                                 |
|       |               | 3/3/2017          | 84.0                     |                          | 115.7                  |                         | 2.4                         |                                 |
|       |               | 3/10/2017         | 84.0                     |                          | 115.7                  |                         | 2.4                         |                                 |
|       |               | 3/17/2017         | 84.0                     |                          | 115.7                  |                         | 2.4                         |                                 |
|       |               | 3/24/2017         | 83.9                     |                          | 115.8                  |                         | 2.5                         |                                 |
|       |               | 3/31/2017         | 84.5                     |                          | 115.2                  |                         | 1.9                         |                                 |
|       |               | 4/7/2017          | 83.9                     |                          | 115.8                  |                         | 2.5                         |                                 |
|       |               | 4/13/2017         | 84.0                     |                          | 115.7                  |                         | 2.4                         |                                 |
|       |               | 4/21/2017         | 84.1                     |                          | 115.6                  |                         | 2.3                         |                                 |
|       |               | 4/28/2017         | 84.1                     |                          | 115.6                  |                         | 2.3                         |                                 |
|       |               | 5/5/2017          | 84.1                     |                          | 115.6                  |                         | 2.3                         |                                 |
|       |               | 5/12/2017         | 84.3                     |                          | 115.4                  |                         | 2.1                         |                                 |
|       |               | 5/19/2017         | 84.2                     |                          | 115.5                  |                         | 2.2                         |                                 |
|       |               | 5/26/2017         | 84.2                     |                          | 115.5                  |                         | 2.2                         |                                 |
|       |               | 6/2/2017          | 84.2                     |                          | 115.5                  |                         | 2.2                         |                                 |
|       |               | 6/9/2017          | 84.3                     |                          | 115.4                  |                         | 2.1                         |                                 |
|       |               | 6/16/2017         | 84.1                     |                          | 115.6                  |                         | 2.3                         |                                 |
|       |               | 6/23/2017         | 84.2                     |                          | 115.5                  |                         | 2.2                         |                                 |
|       |               | 6/30/2017         | 84.3                     |                          | 115.4                  |                         | 2.1                         |                                 |
|       |               | 7/7/2017          | 84.2                     |                          | 115.5                  |                         | 2.2                         |                                 |
|       |               | 7/14/2017         | 84.3                     |                          | 115.4                  |                         | 2.1                         |                                 |
|       |               | 7/21/2017         | 84.1                     |                          | 115.6                  |                         | 2.3                         |                                 |
|       |               | 7/28/2017         | 84.1                     |                          | 115.6                  |                         | 2.3                         |                                 |
|       |               | 8/4/2017          | 84.0                     |                          | 115.7                  |                         | 2.4                         |                                 |
|       |               | 8/11/2017         | 83.9                     |                          | 115.8                  |                         | 2.5                         |                                 |
|       |               | 8/18/2017         | 84.0                     |                          | 115.7                  |                         | 2.4                         |                                 |
|       |               | 8/25/2017         | 83.9                     |                          | 115.8                  |                         | 2.5                         |                                 |
|       |               | 9/1/2017          | 83.8                     |                          | 115.9                  |                         | 2.6                         |                                 |
|       |               | 9/8/2017          | 83.7                     |                          | 116.0                  |                         | 2.7                         |                                 |
|       |               | 9/15/2017         |                          | 208.90                   |                        | See Note 10             |                             |                                 |
|       |               | 9/22/2017         |                          |                          |                        | See Note 10             |                             |                                 |
|       |               | 9/29/2017         |                          |                          |                        | See Note 10             |                             |                                 |
|       |               | 10/6/2017         | 92.6                     |                          | 116.3                  |                         | 3.0                         |                                 |
|       |               | 10/13/2017        | 92.7                     |                          | 116.2                  |                         | 2.9                         |                                 |
|       |               | 10/20/2017        | 92.9                     |                          | 116.0                  |                         | 2.7                         |                                 |
|       |               | 10/27/2017        | 92.8                     |                          | 116.1                  |                         | 2.8                         |                                 |
|       |               | 11/3/2017         | 93.2                     |                          | 115.7                  |                         | 2.4                         |                                 |
|       |               | 11/10/2017        | 93.2                     |                          | 115.7                  |                         | 2.4                         |                                 |
|       |               | 11/17/2017        | 93.6                     |                          | 115.3                  |                         | 2.0                         |                                 |
|       |               | 11/24/2017        | 93.3                     |                          | 115.6                  |                         | 2.3                         |                                 |
|       |               | 12/1/2017         | 93.4                     |                          | 115.5                  |                         | 2.2                         |                                 |
|       |               | 12/8/2017         | 93.4                     |                          | 115.5                  |                         | 2.2                         |                                 |
|       |               | 12/15/2017        | 93.4                     |                          | 115.5                  |                         | 2.2                         |                                 |
|       |               | 12/22/2017        | 93.6                     |                          | 115.3                  |                         | 2.0                         |                                 |
|       |               | 12/29/2017        | 93.5                     |                          | 115.4                  |                         | 2.1                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| IV    | SB-23D        | 1/5/2018          | 93.6                     |                          | 115.3                  |                         | 2.0                         |                                 |
|       |               | 1/12/2018         | 93.4                     |                          | 115.5                  |                         | 2.2                         |                                 |
|       |               | 1/19/2018         | 93.4                     |                          | 115.5                  |                         | 2.2                         |                                 |
|       |               | 1/26/2018         | 93.5                     |                          | 115.4                  |                         | 2.1                         |                                 |
|       |               | 2/2/2018          | 93.5                     |                          | 115.4                  |                         | 2.1                         |                                 |
|       |               | 2/9/2018          | 93.5                     |                          | 115.4                  |                         | 2.1                         |                                 |
|       |               | 2/16/2018         | 93.5                     |                          | 115.4                  |                         | 2.1                         |                                 |
|       |               | 2/23/2018         | 93.6                     |                          | 115.3                  |                         | 2.0                         |                                 |
|       |               | 3/2/2018          | 93.6                     |                          | 115.3                  |                         | 2.0                         |                                 |
|       |               | 3/9/2018          | 93.6                     |                          | 115.3                  |                         | 2.0                         |                                 |
|       |               | 3/16/2018         | 93.5                     |                          | 115.4                  |                         | 2.1                         |                                 |
|       |               | 3/23/2018         | 93.8                     |                          | 115.1                  |                         | 1.8                         |                                 |
|       |               | 3/30/2018         | 93.4                     |                          | 115.5                  | See Note 16             | 2.2                         |                                 |
|       |               | 4/6/2018          | 93.6                     |                          | 115.3                  |                         | 2.0                         | -0.5                            |
|       |               | 4/13/2018         | 93.6                     |                          | 115.3                  |                         | 2.0                         | -0.4                            |
|       |               | 4/20/2018         | 93.6                     |                          | 115.3                  |                         | 2.0                         | -0.3                            |
|       |               | 4/27/2018         | 93.5                     |                          | 115.4                  |                         | 2.1                         | -0.2                            |
|       |               | 5/4/2018          | 93.5                     |                          | 115.4                  |                         | 2.1                         | -0.2                            |
|       |               | 5/11/2018         | 93.5                     |                          | 115.4                  |                         | 2.1                         | 0.0                             |
|       |               | 5/18/2018         | 93.5                     |                          | 115.4                  |                         | 2.1                         | -0.1                            |
|       |               | 5/25/2018         | 93.4                     |                          | 115.5                  |                         | 2.2                         | 0.0                             |
|       |               | 6/1/2018          | 93.4                     |                          | 115.5                  |                         | 2.2                         | 0.0                             |
|       |               | 6/8/2018          | 93.5                     |                          | 115.4                  |                         | 2.1                         | 0.0                             |
|       |               | 6/15/2018         | 93.5                     |                          | 115.4                  |                         | 2.1                         | -0.2                            |
|       |               | 6/22/2018         | 93.5                     |                          | 115.4                  |                         | 2.1                         | -0.1                            |
|       |               | 6/29/2018         | 93.5                     |                          | 115.4                  |                         | 2.1                         | 0.0                             |
|       |               | 7/6/2018          | 93.4                     |                          | 115.5                  |                         | 2.2                         | 0.0                             |
|       |               | 7/13/2018         | 93.5                     |                          | 115.4                  |                         | 2.1                         | 0.0                             |
|       |               | 7/20/2018         | 93.4                     |                          | 115.5                  |                         | 2.2                         | -0.1                            |
|       |               | 7/27/2018         | 93.4                     |                          | 115.5                  |                         | 2.2                         | -0.1                            |
|       |               | 8/3/2018          | 93.5                     |                          | 115.4                  |                         | 2.1                         | -0.3                            |
|       |               | 8/10/2018         | 93.3                     |                          | 115.6                  |                         | 2.3                         | -0.2                            |
|       |               | 8/17/2018         | 93.3                     |                          | 115.6                  |                         | 2.3                         | -0.1                            |
|       |               | 8/24/2018         | 93.2                     |                          | 115.7                  |                         | 2.4                         | -0.1                            |
|       |               | 8/31/2018         | 93.0                     |                          | 115.9                  |                         | 2.6                         | 0.0                             |
|       |               | 9/7/2018          | 93.0                     |                          | 115.9                  |                         | 2.6                         | -0.1                            |
|       |               | 9/14/2018         | 93.1                     |                          | 115.8                  |                         | 2.5                         | -                               |
|       |               | 9/21/2018         |                          |                          |                        | See Note 22             |                             |                                 |
|       |               | 9/28/2018         |                          |                          |                        | See Note 22             |                             |                                 |
|       |               | 10/5/2018         |                          |                          |                        | See Note 22             |                             |                                 |
|       |               | 10/12/2018        |                          |                          |                        | See Note 22             |                             |                                 |
|       |               | 11/9/2018         | See Note 23              |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| IV    | SB-23S        | 2/23/2017         | 80.4                     | 199.45                   | DRY                    | N/A                     | N/A                         |                                 |
|       |               | 2/24/2017         | 80.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/3/2017          | 80.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/10/2017         | 80.3                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/17/2017         | 80.3                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/24/2017         | 80.3                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 3/31/2017         | 80.3                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/7/2017          | 80.2                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/13/2017         | 80.2                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/21/2017         | 80.2                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 4/28/2017         | 80.2                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/5/2017          | 80.2                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/12/2017         | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/19/2017         | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 5/26/2017         | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/2/2017          | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/9/2017          | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/16/2017         | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/23/2017         | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 6/30/2017         | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/7/2017          | 80.2                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/14/2017         | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/21/2017         | 80.2                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 7/28/2017         | 80.2                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/4/2017          | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/11/2017         | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/18/2017         | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 8/25/2017         | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 9/1/2017          | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 9/8/2017          | 80.1                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 9/15/2017         |                          | 208.78                   |                        | See Note 10             |                             |                                 |
|       |               | 9/22/2017         |                          |                          |                        | See Note 10             |                             |                                 |
|       |               | 9/29/2017         |                          |                          |                        | See Note 10             |                             |                                 |
|       |               | 10/6/2017         |                          |                          |                        | See Note 10             |                             |                                 |
|       |               | 10/13/2017        |                          |                          |                        | See Note 10             |                             |                                 |
|       |               | 10/20/2017        |                          |                          |                        | See Note 10             |                             |                                 |
|       |               | 10/27/2017        | 89.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 11/3/2017         | 89.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 11/10/2017        | 89.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 11/17/2017        | 89.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 11/24/2017        | 89.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 12/1/2017         | 89.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 12/8/2017         | 89.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 12/15/2017        | 89.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 12/22/2017        | 89.4                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 12/29/2017        | 89.3                     |                          | DRY                    |                         | N/A                         |                                 |



**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| IV    | SB-23S        | 1/5/2018          | 89.3                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 1/12/2018         | 89.3                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 1/19/2018         | 89.3                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 1/26/2018         | 89.3                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 2/2/2018          | 89.3                     |                          | DRY                    |                         | N/A                         |                                 |
|       |               | 2/9/2018          |                          |                          |                        | See Note 15             |                             |                                 |
|       |               | 11/9/2018         | See Note 23              |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-24D        | 3/3/2017          | 66.3                     | 188.82                   | 122.5                  | 117.6                   | 4.9                         |                                 |
|       |               | 3/10/2017         | 66.3                     |                          | 122.5                  |                         | 4.9                         |                                 |
|       |               | 3/17/2017         | 66.5                     |                          | 122.3                  |                         | 4.7                         |                                 |
|       |               | 3/24/2017         | 66.6                     |                          | 122.2                  |                         | 4.6                         |                                 |
|       |               | 3/31/2017         | 66.3                     |                          | 122.5                  |                         | 4.9                         |                                 |
|       |               | 4/7/2017          | 66.6                     |                          | 122.2                  |                         | 4.6                         |                                 |
|       |               | 4/13/2017         | 66.8                     |                          | 122.0                  |                         | 4.4                         |                                 |
|       |               | 4/21/2017         | 66.8                     |                          | 122.0                  |                         | 4.4                         |                                 |
|       |               | 4/28/2017         | 67.0                     |                          | 121.8                  |                         | 4.2                         |                                 |
|       |               | 5/5/2017          | 66.8                     |                          | 122.0                  |                         | 4.4                         |                                 |
|       |               | 5/12/2017         | 67.2                     |                          | 121.6                  |                         | 4.0                         |                                 |
|       |               | 5/19/2017         | 67.3                     |                          | 121.5                  |                         | 3.9                         |                                 |
|       |               | 5/26/2017         | 67.3                     |                          | 121.5                  |                         | 3.9                         |                                 |
|       |               | 6/2/2017          | 67.4                     |                          | 121.4                  |                         | 3.8                         |                                 |
|       |               | 6/9/2017          | 67.4                     |                          | 121.4                  |                         | 3.8                         |                                 |
|       |               | 6/16/2017         | 67.5                     |                          | 121.3                  |                         | 3.7                         |                                 |
|       |               | 6/23/2017         | 67.5                     |                          | 121.3                  |                         | 3.7                         |                                 |
|       |               | 6/30/2017         | 67.5                     |                          | 121.3                  |                         | 3.7                         |                                 |
|       |               | 7/7/2017          | 67.4                     |                          | 121.4                  |                         | 3.8                         |                                 |
|       |               | 7/14/2017         | 67.2                     |                          | 121.6                  |                         | 4.0                         |                                 |
|       |               | 7/21/2017         | 66.7                     |                          | 122.1                  |                         | 4.5                         |                                 |
|       |               | 7/28/2017         | 66.1                     |                          | 122.7                  |                         | 5.1                         |                                 |
|       |               | 8/4/2017          | 65.3                     |                          | 123.5                  |                         | 5.9                         |                                 |
|       |               | 8/11/2017         | 64.3                     |                          | 124.5                  |                         | 6.9                         |                                 |
|       |               | 8/18/2017         | 63.8                     |                          | 125.0                  |                         | 7.4                         |                                 |
|       |               | 8/25/2017         | 63.9                     |                          | 124.9                  |                         | 7.3                         |                                 |
|       |               | 9/1/2017          | 63.7                     |                          | 125.1                  |                         | 7.5                         |                                 |
|       |               | 9/8/2017          | 62.8                     |                          | 126.0                  |                         | 8.4                         |                                 |
|       |               | 9/15/2017         | 62.0                     |                          | 126.8                  |                         | 9.2                         |                                 |
|       |               | 9/22/2017         | 61.6                     |                          | 127.2                  |                         | 9.6                         |                                 |
|       |               | 9/29/2017         | 62.0                     |                          | 126.8                  |                         | 9.2                         |                                 |
|       |               | 10/6/2017         | 62.3                     |                          | 126.5                  |                         | 8.9                         |                                 |
|       |               | 10/13/2017        | 62.3                     |                          | 126.5                  |                         | 8.9                         |                                 |
|       |               | 10/20/2017        | 63.4                     |                          | 125.4                  |                         | 7.8                         |                                 |
|       |               | 10/27/2017        | 63.7                     |                          | 125.1                  |                         | 7.5                         |                                 |
|       |               | 11/3/2017         | 64.1                     |                          | 124.7                  |                         | 7.1                         |                                 |
|       |               | 11/10/2017        | 64.2                     |                          | 124.6                  |                         | 7.0                         |                                 |
|       |               | 11/17/2017        | 64.4                     |                          | 124.4                  |                         | 6.8                         |                                 |
|       |               | 11/24/2017        | 64.5                     |                          | 124.3                  |                         | 6.7                         |                                 |
|       |               | 12/1/2017         | 64.9                     |                          | 123.9                  |                         | 6.3                         |                                 |
|       |               | 12/8/2017         | 64.8                     |                          | 124.0                  |                         | 6.4                         |                                 |
|       |               | 12/15/2017        | 65.1                     |                          | 123.7                  |                         | 6.1                         |                                 |
|       |               | 12/22/2017        | 65.2                     |                          | 123.6                  |                         | 6.0                         |                                 |
|       |               | 12/29/2017        | 65.3                     |                          | 123.5                  |                         | 5.9                         |                                 |
|       |               | 1/5/2018          | 65.5                     |                          | 123.3                  |                         | 5.7                         |                                 |
|       |               | 1/12/2018         | 65.4                     |                          | 123.4                  |                         | 5.8                         |                                 |
|       |               | 1/19/2018         | 65.8                     |                          | 123.0                  |                         | 5.4                         |                                 |
|       |               | 1/26/2018         | 66.0                     |                          | 122.8                  |                         | 5.2                         |                                 |
|       |               | 2/2/2018          | 65.9                     |                          | 122.9                  |                         | 5.3                         |                                 |
|       |               | 2/9/2018          | 66.0                     |                          | 122.8                  |                         | 5.2                         |                                 |
|       |               | 2/16/2018         | 66.0                     |                          | 122.8                  |                         | 5.2                         |                                 |
|       |               | 2/23/2018         | 66.1                     |                          | 122.7                  |                         | 5.1                         |                                 |
|       |               | 3/2/2018          | 66.0                     |                          | 122.8                  |                         | 5.2                         |                                 |
|       |               | 3/9/2018          | 66.1                     |                          | 122.7                  |                         | 5.1                         |                                 |
|       |               | 3/16/2018         | 66.1                     |                          | 122.7                  |                         | 5.1                         |                                 |
|       |               | 3/23/2018         | 66.4                     |                          | 122.4                  |                         | 4.8                         |                                 |
|       |               | 3/30/2018         | 66.3                     |                          | 122.5                  | See Note 16             | 4.9                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-24D        | 4/6/2018          | 66.4                     |                          | 122.4                  |                         | 4.8                         | 0.2                             |
|       |               | 4/13/2018         | 66.4                     |                          | 122.4                  |                         | 4.8                         | 0.4                             |
|       |               | 4/20/2018         | 66.6                     |                          | 122.2                  |                         | 4.6                         | 0.2                             |
|       |               | 4/27/2018         | 66.5                     |                          | 122.3                  |                         | 4.7                         | 0.5                             |
|       |               | 5/4/2018          | 66.8                     |                          | 122.0                  |                         | 4.4                         | 0.0                             |
|       |               | 5/11/2018         | 66.9                     |                          | 121.9                  |                         | 4.3                         | 0.3                             |
|       |               | 5/18/2018         | 66.9                     |                          | 121.9                  |                         | 4.3                         | 0.4                             |
|       |               | 5/25/2018         | 67.0                     |                          | 121.8                  |                         | 4.2                         | 0.3                             |
|       |               | 6/1/2018          | 67.1                     |                          | 121.7                  |                         | 4.1                         | 0.3                             |
|       |               | 6/8/2018          | 67.1                     |                          | 121.7                  |                         | 4.1                         | 0.3                             |
|       |               | 6/15/2018         | 67.1                     |                          | 121.7                  |                         | 4.1                         | 0.4                             |
|       |               | 6/22/2018         | 67.0                     |                          | 121.8                  |                         | 4.2                         | 0.5                             |
|       |               | 6/29/2018         | 66.9                     |                          | 121.9                  |                         | 4.3                         | 0.6                             |
|       |               | 7/6/2018          | 66.8                     |                          | 122.0                  |                         | 4.4                         | 0.6                             |
|       |               | 7/13/2018         | 66.5                     |                          | 122.3                  |                         | 4.7                         | 0.7                             |
|       |               | 7/20/2018         | 66.1                     |                          | 122.7                  |                         | 5.1                         | 0.6                             |
|       |               | 7/27/2018         | 65.9                     |                          | 122.9                  |                         | 5.3                         | 0.2                             |
|       |               | 8/3/2018          | 65.5                     |                          | 123.3                  |                         | 5.7                         | -0.2                            |
|       |               | 8/10/2018         | 65.1                     |                          | 123.7                  |                         | 6.1                         | -0.8                            |
|       |               | 8/17/2018         | 64.8                     |                          | 124.0                  |                         | 6.4                         | -1.0                            |
|       |               | 8/24/2018         | 64.3                     |                          | 124.5                  |                         | 6.9                         | -0.4                            |
|       |               | 8/31/2018         | 64.2                     |                          | 124.6                  |                         | 7.0                         | -0.5                            |
|       |               | 9/7/2018          | 64.1                     |                          | 124.7                  |                         | 7.1                         | -1.3                            |
|       |               | 9/14/2018         | 64.1                     |                          | 124.7                  |                         | 7.1                         | -2.1                            |
|       |               | 9/21/2018         | 64.1                     |                          | 124.7                  |                         | 7.1                         | -2.5                            |
|       |               | 9/28/2018         | 64.2                     |                          | 124.6                  |                         | 7.0                         | -2.2                            |
|       |               | 10/5/2018         | 64.2                     |                          | 124.6                  |                         | 7.0                         | -1.9                            |
|       |               | 10/12/2018        | 64.2                     |                          | 124.6                  |                         | 7.0                         | -1.9                            |
|       |               | 10/19/2018        | 64.5                     |                          | 124.3                  |                         | 6.7                         | -1.1                            |
|       |               | 10/26/2018        | 64.5                     |                          | 124.3                  |                         | 6.7                         | -0.8                            |
|       |               | 11/2/2018         | 64.4                     |                          | 124.4                  |                         | 6.8                         | -0.3                            |
|       |               | 11/9/2018         | 64.5                     |                          | 124.3                  |                         | 6.7                         | -0.3                            |
|       |               | 11/16/2018        | 64.7                     |                          | 124.1                  |                         | 6.5                         | -0.3                            |
|       |               | 11/23/2018        | 64.7                     |                          | 124.1                  |                         | 6.5                         | -0.2                            |
|       |               | 11/30/2018        | 64.9                     |                          | 123.9                  |                         | 6.3                         | 0.0                             |
|       |               | 12/7/2018         | 65.1                     |                          | 123.7                  |                         | 6.1                         | -0.3                            |
|       |               | 12/14/2018        | 64.7                     |                          | 124.1                  |                         | 6.5                         | 0.4                             |
|       |               | 12/21/2018        | 64.6                     |                          | 124.2                  |                         | 6.6                         | 0.6                             |
|       |               | 12/28/2018        | 64.9                     |                          | 123.9                  |                         | 6.3                         | 0.4                             |
|       |               | 1/4/2019          | 64.9                     |                          | 123.9                  |                         | 6.3                         | 0.6                             |
|       |               | 1/11/2019         | 65.0                     |                          | 123.8                  |                         | 6.2                         | 0.4                             |
|       |               | 1/18/2019         | 65.0                     |                          | 123.8                  |                         | 6.2                         | 0.8                             |
|       |               | 1/25/2019         | 65.2                     |                          | 123.6                  |                         | 6.0                         | 0.8                             |
|       |               | 2/1/2019          | 65.3                     |                          | 123.5                  |                         | 5.9                         | 0.6                             |
|       |               | 2/8/2019          | 65.4                     |                          | 123.4                  |                         | 5.8                         | 0.6                             |
|       |               | 2/15/2019         | 65.4                     |                          | 123.4                  |                         | 5.8                         | 0.6                             |
|       |               | 2/22/2019         | 65.5                     |                          | 123.3                  |                         | 5.7                         | 0.6                             |
|       |               | 3/1/2019          | 65.6                     |                          | 123.2                  |                         | 5.6                         | 0.4                             |
|       |               | 3/8/2019          | 65.8                     |                          | 123.0                  |                         | 5.4                         | 0.3                             |
|       |               | 3/15/2019         | 65.7                     |                          | 123.1                  |                         | 5.5                         | 0.4                             |
|       |               | 3/22/2019         | 65.8                     |                          | 123.0                  |                         | 5.4                         | 0.6                             |
|       |               | 3/29/2019         | 66.0                     |                          | 122.8                  |                         | 5.2                         | 0.3                             |
|       |               | 4/5/2019          | 66.0                     |                          | 122.8                  |                         | 5.2                         | 0.4                             |
|       |               | 4/12/2019         | 66.0                     |                          | 122.8                  |                         | 5.2                         | 0.4                             |
|       |               | 4/19/2019         | 65.9                     |                          | 122.9                  |                         | 5.3                         | 0.7                             |
|       |               | 4/26/2019         | 66.0                     |                          | 122.8                  |                         | 5.2                         | 0.5                             |
|       |               | 5/3/2019          | 66.2                     |                          | 122.6                  |                         | 5.0                         | 0.6                             |
|       |               | 5/10/2019         | 66.2                     |                          | 122.6                  |                         | 5.0                         | 0.7                             |
|       |               | 5/17/2019         | 66.3                     |                          | 122.5                  |                         | 4.9                         | 0.6                             |
|       |               | 5/24/2019         | 66.4                     |                          | 122.4                  |                         | 4.8                         | 0.6                             |
|       |               | 5/31/2019         | 66.4                     |                          | 122.4                  |                         | 4.8                         | 0.7                             |
|       |               | 6/7/2019          | 66.3                     |                          | 122.5                  |                         | 4.9                         | 0.8                             |
|       |               | 6/14/2019         | 66.7                     |                          | 122.1                  |                         | 4.5                         | 0.4                             |
|       |               | 6/21/2019         | 66.8                     |                          | 122.0                  |                         | 4.4                         | 0.2                             |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-24D        | 6/28/2019         | 66.9                     |                          | 121.9                  |                         | 4.3                         | 0.0                             |
|       |               | 7/5/2019          | 66.9                     |                          | 121.9                  |                         | 4.3                         | -0.1                            |
|       |               | 7/12/2019         | 66.9                     |                          | 121.9                  |                         | 4.3                         | -0.4                            |
|       |               | 7/19/2019         | 67.1                     |                          | 121.7                  |                         | 4.1                         | -1.0                            |
|       |               | 7/26/2019         | 67.2                     |                          | 121.6                  |                         | 4.0                         | -1.3                            |
|       |               | 8/2/2019          | 66.9                     |                          | 121.9                  |                         | 4.3                         | -1.4                            |
|       |               | 8/9/2019          | 66.9                     |                          | 121.9                  |                         | 4.3                         | -1.8                            |
|       |               | 8/16/2019         | 66.5                     |                          | 122.3                  |                         | 4.7                         | -1.7                            |
|       |               | 8/23/2019         | 65.3                     |                          | 123.5                  |                         | 5.9                         | -1.0                            |
|       |               | 8/30/2019         | 64.5                     |                          | 124.3                  |                         | 6.7                         | -0.3                            |
|       |               |                   |                          |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| I     | SB-25D        | 3/10/2017         | 80.6                     | 208.83                   | 128.2                  | 117.5                   | 10.7                        |                                 |
|       |               | 3/17/2017         | 80.8                     |                          | 128.0                  |                         | 10.5                        |                                 |
|       |               | 3/24/2017         | 80.8                     |                          | 128.0                  |                         | 10.5                        |                                 |
|       |               | 3/31/2017         | 80.4                     |                          | 128.4                  |                         | 10.9                        |                                 |
|       |               | 4/7/2017          | 80.6                     |                          | 128.2                  |                         | 10.7                        |                                 |
|       |               | 4/13/2017         | 80.8                     |                          | 128.0                  |                         | 10.5                        |                                 |
|       |               | 4/21/2017         | 80.8                     |                          | 128.0                  |                         | 10.5                        |                                 |
|       |               | 4/28/2017         | 85.5                     | 213.83                   | 128.3                  | See Note 3              | 10.8                        |                                 |
|       |               | 5/5/2017          | 85.2                     |                          | 128.6                  |                         | 11.1                        |                                 |
|       |               | 5/15/2017         | 83.6                     | 211.40                   | 127.8                  | See Note 4              | 10.3                        |                                 |
|       |               | 5/19/2017         | 83.8                     |                          | 127.6                  |                         | 10.1                        |                                 |
|       |               | 5/26/2017         | 83.8                     |                          | 127.6                  |                         | 10.1                        |                                 |
|       |               | 6/2/2017          | 83.9                     |                          | 127.5                  |                         | 10.0                        |                                 |
|       |               | 6/9/2017          | 83.8                     |                          | 127.6                  |                         | 10.1                        |                                 |
|       |               | 6/16/2017         | 84.0                     |                          | 127.4                  |                         | 9.9                         |                                 |
|       |               | 6/23/2017         | 84.0                     |                          | 127.4                  |                         | 9.9                         |                                 |
|       |               | 6/30/2017         | 84.1                     |                          | 127.3                  |                         | 9.8                         |                                 |
|       |               | 7/7/2017          | 84.1                     |                          | 127.3                  |                         | 9.8                         |                                 |
|       |               | 7/14/2017         | 84.2                     |                          | 127.2                  |                         | 9.7                         |                                 |
|       |               | 7/21/2017         | 84.1                     |                          | 127.3                  |                         | 9.8                         |                                 |
|       |               | 7/28/2017         | 84.1                     |                          | 127.3                  |                         | 9.8                         |                                 |
|       |               | 8/4/2017          | 84.1                     |                          | 127.3                  |                         | 9.8                         |                                 |
|       |               | 8/11/2017         | 84.0                     |                          | 127.4                  |                         | 9.9                         |                                 |
|       |               | 8/18/2017         | 83.9                     |                          | 127.5                  |                         | 10.0                        |                                 |
|       |               | 8/25/2017         | 83.8                     |                          | 127.6                  |                         | 10.1                        |                                 |
|       |               | 9/1/2017          | -                        |                          |                        | See Note 9              |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-26         | 4/14/2017         | 25.3                     | 148.36                   | 123.1                  | 119.3                   | 3.8                         |                                 |
|       |               | 4/17/2017         | 25.3                     |                          | 123.1                  |                         | 3.8                         |                                 |
|       |               | 4/19/2017         | 25.2                     |                          | 123.2                  |                         | 3.9                         |                                 |
|       |               | 4/21/2017         | 25.1                     |                          | 123.3                  |                         | 4.0                         |                                 |
|       |               | 4/26/2017         | 25.12                    |                          | 123.24                 |                         | 3.94                        |                                 |
|       |               | 4/28/2017         | 25.2                     |                          | 123.2                  |                         | 3.9                         |                                 |
|       |               | 5/5/2017          | 25.1                     |                          | 123.3                  |                         | 4.0                         |                                 |
|       |               | 5/12/2017         | 25.3                     |                          | 123.1                  |                         | 3.8                         |                                 |
|       |               | 5/19/2017         | 25.3                     |                          | 123.1                  |                         | 3.8                         |                                 |
|       |               | 5/26/2017         | 25.5                     |                          | 122.9                  |                         | 3.6                         |                                 |
|       |               | 6/2/2017          | 25.5                     |                          | 122.9                  |                         | 3.6                         |                                 |
|       |               | 6/9/2017          | 25.5                     |                          | 122.9                  |                         | 3.6                         |                                 |
|       |               | 6/16/2017         | 25.5                     |                          | 122.9                  |                         | 3.6                         |                                 |
|       |               | 6/23/2017         | 25.4                     |                          | 123.0                  |                         | 3.7                         |                                 |
|       |               | 6/30/2017         | 25.4                     |                          | 123.0                  |                         | 3.7                         |                                 |
|       |               | 7/7/2017          | 23.8                     |                          | 124.6                  |                         | 5.3                         |                                 |
|       |               | 7/14/2017         | 23.6                     |                          | 124.8                  |                         | 5.5                         |                                 |
|       |               | 7/21/2017         | 23.7                     |                          | 124.7                  |                         | 5.4                         |                                 |
|       |               | 7/28/2017         | 23.6                     |                          | 124.8                  |                         | 5.5                         |                                 |
|       |               | 8/4/2017          | 23.2                     |                          | 125.2                  |                         | 5.9                         |                                 |
|       |               | 8/11/2017         | 23.2                     |                          | 125.2                  |                         | 5.9                         |                                 |
|       |               | 8/18/2017         | 23.3                     |                          | 125.1                  |                         | 5.8                         |                                 |
|       |               | 8/25/2017         | 23.2                     |                          | 125.2                  |                         | 5.9                         |                                 |
|       |               | 9/1/2017          | 23.5                     |                          | 124.9                  |                         | 5.6                         |                                 |
|       |               | 9/8/2017          | 23.2                     |                          | 125.2                  |                         | 5.9                         |                                 |
|       |               | 9/15/2017         | 22.2                     |                          | 126.2                  |                         | 6.9                         |                                 |
|       |               | 9/22/2017         | 22.0                     |                          | 126.4                  |                         | 7.1                         |                                 |
|       |               | 9/29/2017         | 22.1                     |                          | 126.3                  |                         | 7.0                         |                                 |
|       |               | 10/6/2017         | 22.4                     |                          | 126.0                  |                         | 6.7                         |                                 |
|       |               | 10/13/2017        | 22.4                     |                          | 126.0                  |                         | 6.7                         |                                 |
|       |               | 10/20/2017        | 23.0                     |                          | 125.4                  |                         | 6.1                         |                                 |
|       |               | 10/27/2017        | 23.5                     |                          | 124.9                  |                         | 5.6                         |                                 |
|       |               | 11/3/2017         | 23.5                     |                          | 124.9                  |                         | 5.6                         |                                 |
|       |               | 11/10/2017        | 24.2                     |                          | 124.2                  |                         | 4.9                         |                                 |
|       |               | 11/17/2017        | 24.4                     |                          | 124.0                  |                         | 4.7                         |                                 |
|       |               | 11/24/2017        | 24.5                     |                          | 123.9                  |                         | 4.6                         |                                 |
|       |               | 12/1/2017         | 24.8                     |                          | 123.6                  |                         | 4.3                         |                                 |
|       |               | 12/8/2017         | 24.8                     |                          | 123.6                  |                         | 4.3                         |                                 |
|       |               | 12/15/2017        | 25.0                     |                          | 123.4                  |                         | 4.1                         |                                 |
|       |               | 12/22/2017        | 25.1                     |                          | 123.3                  |                         | 4.0                         |                                 |
|       |               | 12/29/2017        | 25.2                     |                          | 123.2                  |                         | 3.9                         |                                 |
|       |               | 1/5/2018          | 25.1                     |                          | 123.3                  |                         | 4.0                         |                                 |
|       |               | 1/12/2018         | 24.8                     |                          | 123.6                  |                         | 4.3                         |                                 |
|       |               | 1/19/2018         | 24.8                     |                          | 123.6                  |                         | 4.3                         |                                 |
|       |               | 1/26/2018         | 24.9                     |                          | 123.5                  |                         | 4.2                         |                                 |
|       |               | 2/2/2018          | 24.8                     |                          | 123.6                  |                         | 4.3                         |                                 |
|       |               | 2/9/2018          | 24.8                     |                          | 123.6                  |                         | 4.3                         |                                 |
|       |               | 2/16/2018         | 24.9                     |                          | 123.5                  |                         | 4.2                         |                                 |
|       |               | 2/23/2018         | 24.9                     |                          | 123.5                  |                         | 4.2                         |                                 |
|       |               | 3/2/2018          | 24.9                     |                          | 123.5                  |                         | 4.2                         |                                 |
|       |               | 3/9/2018          | 24.9                     |                          | 123.5                  |                         | 4.2                         |                                 |
|       |               | 3/16/2018         | 24.9                     |                          | 123.4                  |                         | 4.1                         |                                 |
|       |               | 3/23/2018         | 25.1                     |                          | 123.3                  |                         | 4.0                         |                                 |
|       |               | 3/30/2018         | 24.9                     |                          | 123.5                  |                         | 4.2                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-26         | 4/6/2018          | 25.0                     |                          | 123.4                  |                         | 4.1                         | 0.3                             |
|       |               | 4/13/2018         | 25.0                     |                          | 123.4                  |                         | 4.1                         | 0.2                             |
|       |               | 4/20/2018         | 25.1                     |                          | 123.3                  |                         | 4.0                         | 0.0                             |
|       |               | 4/27/2018         | 25.0                     |                          | 123.4                  |                         | 4.1                         | 0.1                             |
|       |               | 5/4/2018          | 25.0                     |                          | 123.4                  |                         | 4.1                         | 0.2                             |
|       |               | 5/11/2018         | 25.1                     |                          | 123.3                  |                         | 4.0                         | 0.0                             |
|       |               | 5/18/2018         | 25.1                     |                          | 123.3                  |                         | 4.0                         | 0.2                             |
|       |               | 5/25/2018         | 24.7                     |                          | 123.7                  |                         | 4.4                         | 0.6                             |
|       |               | 6/1/2018          | 24.2                     |                          | 124.2                  |                         | 4.9                         | 1.3                             |
|       |               | 6/8/2018          | 24.1                     |                          | 124.3                  |                         | 5.0                         | 1.4                             |
|       |               | 6/15/2018         | 24.1                     |                          | 124.3                  |                         | 5.0                         | 1.4                             |
|       |               | 6/22/2018         | 24.1                     |                          | 124.3                  |                         | 5.0                         | 1.4                             |
|       |               | 6/29/2018         | 24.1                     |                          | 124.3                  |                         | 5.0                         | 1.3                             |
|       |               | 7/6/2018          | 24.1                     |                          | 124.3                  |                         | 5.0                         | 1.3                             |
|       |               | 7/13/2018         | 24.1                     |                          | 124.3                  |                         | 5.0                         | -0.3                            |
|       |               | 7/20/2018         | 24.1                     |                          | 124.3                  |                         | 5.0                         | -0.5                            |
|       |               | 7/27/2018         | 24.0                     |                          | 124.4                  |                         | 5.1                         | -0.3                            |
|       |               | 8/3/2018          | 24.0                     |                          | 124.4                  |                         | 5.1                         | -0.4                            |
|       |               | 8/10/2018         | 24.0                     |                          | 124.4                  |                         | 5.1                         | -0.8                            |
|       |               | 8/17/2018         | 23.7                     |                          | 124.7                  |                         | 5.4                         | -0.5                            |
|       |               | 8/24/2018         | 23.5                     |                          | 124.9                  |                         | 5.6                         | -0.2                            |
|       |               | 8/31/2018         | 23.3                     |                          | 125.1                  |                         | 5.8                         | -0.1                            |
|       |               | 9/7/2018          | 23.3                     |                          | 125.1                  |                         | 5.8                         | 0.2                             |
|       |               | 9/14/2018         | 23.4                     |                          | 125.0                  |                         | 5.7                         | -0.2                            |
|       |               | 9/21/2018         | 23.5                     |                          | 124.9                  |                         | 5.6                         | -1.3                            |
|       |               | 9/28/2018         | 23.6                     |                          | 124.8                  |                         | 5.5                         | -1.6                            |
|       |               | 10/5/2018         | 23.6                     |                          | 124.8                  |                         | 5.5                         | -1.5                            |
|       |               | 10/12/2018        | 23.6                     |                          | 124.8                  |                         | 5.5                         | -1.2                            |
|       |               | 10/19/2018        | 23.5                     |                          | 124.9                  |                         | 5.6                         | -1.1                            |
|       |               | 10/26/2018        | 23.5                     |                          | 124.9                  |                         | 5.6                         | -0.5                            |
|       |               | 11/2/2018         | 24.0                     |                          | 124.4                  |                         | 5.1                         | -0.5                            |
|       |               | 11/9/2018         | See Note 23              |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-27         | 4/13/2017         | 15.7                     | 138.11                   | 122.4                  | 120.6                   | 1.8                         |                                 |
|       |               | 4/17/2017         | 15.7                     |                          | 122.4                  |                         | 1.8                         |                                 |
|       |               | 4/19/2017         | 15.7                     |                          | 122.4                  |                         | 1.8                         |                                 |
|       |               | 4/21/2017         | 15.6                     |                          | 122.5                  |                         | 1.9                         |                                 |
|       |               | 4/26/2017         | 15.5                     |                          | 122.6                  |                         | 2.0                         |                                 |
|       |               | 4/28/2017         | 15.7                     |                          | 122.4                  |                         | 1.8                         |                                 |
|       |               | 5/5/2017          | 15.6                     |                          | 122.5                  |                         | 1.9                         |                                 |
|       |               | 5/12/2017         | 15.6                     |                          | 122.5                  |                         | 1.9                         |                                 |
|       |               | 5/19/2017         | 15.7                     |                          | 122.4                  |                         | 1.8                         |                                 |
|       |               | 5/26/2017         | 15.8                     |                          | 122.3                  |                         | 1.7                         |                                 |
|       |               | 6/2/2017          | 15.7                     |                          | 122.4                  |                         | 1.8                         |                                 |
|       |               | 6/9/2017          | 15.7                     |                          | 122.4                  |                         | 1.8                         |                                 |
|       |               | 6/16/2017         | 15.6                     |                          | 122.5                  |                         | 1.9                         |                                 |
|       |               | 6/23/2017         | 15.6                     |                          | 122.5                  |                         | 1.9                         |                                 |
|       |               | 6/30/2017         | 15.6                     |                          | 122.5                  |                         | 1.9                         |                                 |
|       |               | 7/7/2017          | Removed                  |                          | -                      | See Note 5              | -                           |                                 |



**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| I     | SB-28D        | 5/5/2017          | 87.5                     | 208.62                   | 121.1                  | 116.7                   | 4.4                         |                                 |
|       |               | 5/12/2017         | 87.3                     |                          | 121.3                  |                         | 4.6                         |                                 |
|       |               | 5/19/2017         | 87.3                     |                          | 121.3                  |                         | 4.6                         |                                 |
|       |               | 5/26/2017         | 87.3                     |                          | 121.3                  |                         | 4.6                         |                                 |
|       |               | 6/2/2017          | 87.5                     |                          | 121.1                  |                         | 4.4                         |                                 |
|       |               | 6/9/2017          | 87.2                     |                          | 121.4                  |                         | 4.7                         |                                 |
|       |               | 6/16/2017         | 87.3                     |                          | 121.3                  |                         | 4.6                         |                                 |
|       |               | 6/23/2017         | 87.5                     |                          | 121.1                  |                         | 4.4                         |                                 |
|       |               | 6/30/2017         | 87.4                     |                          | 121.2                  |                         | 4.5                         |                                 |
|       |               | 7/7/2017          | 87.5                     |                          | 121.1                  |                         | 4.4                         |                                 |
|       |               | 7/14/2017         | 87.5                     |                          | 121.1                  |                         | 4.4                         |                                 |
|       |               | 7/21/2017         | 87.4                     |                          | 121.2                  |                         | 4.5                         |                                 |
|       |               | 7/28/2017         | 87.2                     |                          | 121.4                  |                         | 4.7                         |                                 |
|       |               | 8/4/2017          | 87.3                     |                          | 121.3                  |                         | 4.6                         |                                 |
|       |               | 8/11/2017         | 87.3                     |                          | 121.3                  |                         | 4.6                         |                                 |
|       |               | 8/18/2017         | 87.0                     |                          | 121.6                  |                         | 4.9                         |                                 |
|       |               | 8/25/2017         | 86.9                     |                          | 121.7                  |                         | 5.0                         |                                 |
|       |               | 9/1/2017          | 86.9                     |                          | 121.7                  |                         | 5.0                         |                                 |
|       |               | 9/8/2017          | 86.6                     |                          | 122.0                  |                         | 5.3                         |                                 |
|       |               | 9/15/2017         | 86.5                     |                          | 122.1                  |                         | 5.4                         |                                 |
|       |               | 9/22/2017         | 86.1                     |                          | 122.5                  |                         | 5.8                         |                                 |
|       |               | 9/29/2017         | 86.0                     |                          | 122.6                  |                         | 5.9                         |                                 |
|       |               | 10/6/2017         | 85.9                     |                          | 122.7                  |                         | 6.0                         |                                 |
|       |               | 10/13/2017        | 86.1                     |                          | 122.5                  |                         | 5.8                         |                                 |
|       |               | 10/20/2017        | 86.1                     |                          | 122.5                  |                         | 5.8                         |                                 |
|       |               | 10/27/2017        | 86.1                     |                          | 122.5                  |                         | 5.8                         |                                 |
|       |               | 11/3/2017         | 86.1                     |                          | 122.5                  |                         | 5.8                         |                                 |
|       |               | 11/10/2017        | 86.2                     |                          | 122.4                  |                         | 5.7                         |                                 |
|       |               | 11/17/2017        | 86.4                     |                          | 122.2                  |                         | 5.5                         |                                 |
|       |               | 11/24/2017        | 86.2                     |                          | 122.4                  |                         | 5.7                         |                                 |
|       |               | 12/1/2017         | 86.6                     |                          | 122.0                  |                         | 5.3                         |                                 |
|       |               | 12/8/2017         | 86.4                     |                          | 122.2                  |                         | 5.5                         |                                 |
|       |               | 12/15/2017        | 86.6                     |                          | 122.0                  |                         | 5.3                         |                                 |
|       |               | 12/22/2017        | 86.6                     |                          | 122.0                  |                         | 5.3                         |                                 |
|       |               | 12/29/2017        | 86.8                     |                          | 121.8                  |                         | 5.1                         |                                 |
|       |               | 1/5/2018          | 86.7                     |                          | 121.9                  |                         | 5.2                         |                                 |
|       |               | 1/12/2018         | 86.7                     |                          | 121.9                  |                         | 5.2                         |                                 |
|       |               | 1/19/2018         | 86.7                     |                          | 121.9                  |                         | 5.2                         |                                 |
|       |               | 1/26/2018         | 87.1                     |                          | 121.5                  |                         | 4.8                         |                                 |
|       |               | 2/2/2018          | 86.9                     |                          | 121.7                  |                         | 5.0                         |                                 |
|       |               | 2/9/2018          | 87.0                     |                          | 121.6                  |                         | 4.9                         |                                 |
|       |               | 2/16/2018         | 87.0                     |                          | 121.6                  |                         | 4.9                         |                                 |
|       |               | 2/23/2018         | 87.1                     |                          | 121.5                  |                         | 4.8                         |                                 |
|       |               | 3/2/2018          | 87.0                     |                          | 121.6                  |                         | 4.9                         |                                 |
|       |               | 3/9/2018          | 87.1                     |                          | 121.5                  |                         | 4.8                         |                                 |
|       |               | 3/16/2018         | 87.1                     |                          | 121.5                  |                         | 4.8                         |                                 |
|       |               | 3/23/2018         | 87.4                     |                          | 121.2                  |                         | 4.5                         |                                 |
|       |               | 3/30/2018         | 87.2                     |                          | 121.4                  | See Note 16             | 4.7                         |                                 |
|       |               | 4/6/2018          | 87.2                     |                          | 121.4                  |                         | 4.7                         |                                 |
|       |               | 4/13/2018         | 87.2                     |                          | 121.4                  |                         | 4.7                         |                                 |
|       |               | 4/20/2018         | 87.4                     |                          | 121.2                  |                         | 4.5                         |                                 |
|       |               | 4/27/2018         | 87.3                     |                          | 121.3                  |                         | 4.6                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| I     | SB-28D        | 5/4/2018          | 87.5                     |                          | 121.1                  |                         | 4.4                         | 0.0                             |
|       |               | 5/11/2018         | 87.5                     |                          | 121.1                  |                         | 4.4                         | -0.2                            |
|       |               | 5/18/2018         | 87.4                     |                          | 121.2                  |                         | 4.5                         | -0.1                            |
|       |               | 5/25/2018         | 87.6                     |                          | 121.0                  |                         | 4.3                         | -0.3                            |
|       |               | 6/1/2018          | 86.1                     | 207.03                   | 120.9                  | See Note 21             | 4.2                         | -0.2                            |
|       |               | 6/8/2018          | 86.2                     |                          | 120.8                  |                         | 4.1                         | -0.6                            |
|       |               | 6/15/2018         | 87.6                     | 208.40                   | 120.8                  | See Note 21             | 4.1                         | -0.5                            |
|       |               | 6/22/2018         | 87.6                     |                          | 120.8                  |                         | 4.1                         | -0.3                            |
|       |               | 6/29/2018         | 87.6                     |                          | 120.8                  |                         | 4.1                         | -0.4                            |
|       |               | 7/6/2018          | 87.6                     |                          | 120.8                  |                         | 4.1                         | -0.3                            |
|       |               | 7/13/2018         | 87.6                     |                          | 120.8                  |                         | 4.1                         | -0.3                            |
|       |               | 7/20/2018         | 87.5                     |                          | 120.9                  |                         | 4.2                         | -0.3                            |
|       |               | 7/27/2018         | 87.5                     |                          | 120.9                  |                         | 4.2                         | -0.5                            |
|       |               | 8/3/2018          | 87.4                     |                          | 121.0                  |                         | 4.3                         | -0.3                            |
|       |               | 8/10/2018         | 87.4                     |                          | 121.0                  |                         | 4.3                         | -0.3                            |
|       |               | 8/17/2018         | 87.2                     |                          | 121.2                  |                         | 4.5                         | -0.4                            |
|       |               | 8/24/2018         | 86.9                     |                          | 121.5                  |                         | 4.8                         | -0.2                            |
|       |               | 8/31/2018         | 86.7                     |                          | 121.7                  |                         | 5.0                         | 0.0                             |
|       |               | 9/7/2018          | 86.5                     |                          | 121.9                  |                         | 5.2                         | -0.1                            |
|       |               | 9/14/2018         | 86.5                     |                          | 121.9                  |                         | 5.2                         | -0.2                            |
|       |               | 9/21/2018         | 86.6                     |                          | 121.8                  |                         | 5.1                         | -0.7                            |
|       |               | 9/28/2018         | 86.5                     |                          | 121.9                  |                         | 5.2                         | -0.7                            |
|       |               | 10/5/2018         | 86.5                     |                          | 121.9                  |                         | 5.2                         | -0.8                            |
|       |               | 10/12/2018        | 86.3                     |                          | 122.1                  |                         | 5.4                         | -0.4                            |
|       |               | 10/19/2018        | 86.6                     |                          | 121.8                  |                         | 5.1                         | -0.7                            |
|       |               | 10/26/2018        | 86.6                     |                          | 121.8                  |                         | 5.1                         | -0.7                            |
|       |               | 11/2/2018         | 86.4                     |                          | 122.0                  |                         | 5.3                         | -0.5                            |
|       |               | 11/9/2018         | 86.6                     |                          | 121.8                  |                         | 5.1                         | -0.6                            |
|       |               | 11/16/2018        | 86.8                     |                          | 121.6                  |                         | 4.9                         | -0.6                            |
|       |               | 11/23/2018        | 86.7                     |                          | 121.7                  |                         | 5.0                         | -0.7                            |
|       |               | 11/30/2018        | 86.8                     |                          | 121.6                  |                         | 4.9                         | -0.4                            |
|       |               | 12/7/2018         | 87.1                     |                          | 121.3                  |                         | 4.6                         | -0.9                            |
|       |               | 12/14/2018        | 86.7                     |                          | 121.7                  |                         | 5.0                         | -0.3                            |
|       |               | 12/21/2018        | 86.7                     |                          | 121.7                  |                         | 5.0                         | -0.3                            |
|       |               | 12/28/2018        | 86.8                     |                          | 121.6                  |                         | 4.9                         | -0.2                            |
|       |               | 1/4/2019          | 86.8                     |                          | 121.6                  |                         | 4.9                         | -0.3                            |
|       |               | 1/11/2019         | 86.9                     |                          | 121.5                  |                         | 4.8                         | -0.4                            |
|       |               | 1/18/2019         | 86.9                     |                          | 121.5                  |                         | 4.8                         | -0.4                            |
|       |               | 1/25/2019         | 87.0                     |                          | 121.4                  |                         | 4.7                         | -0.1                            |
|       |               | 2/1/2019          | 86.9                     |                          | 121.5                  |                         | 4.8                         | -0.2                            |
|       |               | 2/8/2019          | 86.9                     |                          | 121.5                  |                         | 4.8                         | -0.1                            |
|       |               | 2/15/2019         | 86.8                     |                          | 121.6                  |                         | 4.9                         | 0.0                             |
|       |               | 2/22/2019         | 87.0                     |                          | 121.4                  |                         | 4.7                         | -0.1                            |
|       |               | 3/1/2019          | 86.9                     |                          | 121.5                  |                         | 4.8                         | -0.1                            |
|       |               | 3/8/2019          | 86.9                     |                          | 121.5                  |                         | 4.8                         | 0.0                             |
|       |               | 3/15/2019         | 86.8                     |                          | 121.6                  |                         | 4.9                         | 0.1                             |
|       |               | 3/22/2019         | 86.9                     |                          | 121.5                  |                         | 4.8                         | 0.3                             |
|       |               | 3/29/2019         | 87.0                     |                          | 121.4                  |                         | 4.7                         | 0.0                             |
|       |               | 4/5/2019          | 86.9                     |                          | 121.5                  |                         | 4.8                         | 0.1                             |
|       |               | 4/12/2019         | 87.0                     |                          | 121.4                  |                         | 4.7                         | 0.0                             |
|       |               | 4/19/2019         | 86.8                     |                          | 121.6                  |                         | 4.9                         | 0.4                             |
|       |               | 4/26/2019         | 86.9                     |                          | 121.5                  |                         | 4.8                         | 0.2                             |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| I     | SB-28D        | 5/3/2019          | 87.0                     |                          | 121.4                  |                         | 4.7                         | 0.3                             |
|       |               | 5/10/2019         | 87.1                     |                          | 121.3                  |                         | 4.6                         | 0.2                             |
|       |               | 5/17/2019         | 87.2                     |                          | 121.2                  |                         | 4.5                         | 0.0                             |
|       |               | 5/24/2019         | 87.2                     |                          | 121.2                  |                         | 4.5                         | 0.2                             |
|       |               | 5/31/2019         | 87.2                     |                          | 121.2                  |                         | 4.5                         | 0.3                             |
|       |               | 6/7/2019          | 87.1                     |                          | 121.3                  |                         | 4.6                         | 0.5                             |
|       |               | 6/14/2019         | 87.4                     |                          | 121.0                  |                         | 4.3                         | 0.2                             |
|       |               | 6/21/2019         | 87.4                     |                          | 121.0                  |                         | 4.3                         | 0.2                             |
|       |               | 6/28/2019         | 87.4                     |                          | 121.0                  |                         | 4.3                         | 0.2                             |
|       |               | 7/5/2019          | 87.4                     |                          | 121.0                  |                         | 4.3                         | 0.2                             |
|       |               | 7/12/2019         | 87.3                     |                          | 121.1                  |                         | 4.4                         | 0.3                             |
|       |               | 7/19/2019         | 87.4                     |                          | 121.0                  |                         | 4.3                         | 0.1                             |
|       |               | 7/26/2019         | 87.4                     |                          | 121.0                  |                         | 4.3                         | 0.1                             |
|       |               | 8/2/2019          | 87.2                     |                          | 121.2                  |                         | 4.5                         | 0.2                             |
|       |               | 8/9/2019          | 87.2                     |                          | 121.2                  |                         | 4.5                         | 0.2                             |
|       |               | 8/16/2019         | 87.1                     |                          | 121.3                  |                         | 4.6                         | 0.1                             |
|       |               | 8/23/2019         | 86.9                     |                          | 121.5                  |                         | 4.8                         | 0.0                             |
|       |               | 8/30/2019         | 86.6                     |                          | 121.8                  |                         | 5.1                         | 0.1                             |
|       |               |                   |                          |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| I     | SB-29         | 5/5/2017          | 78.5                     | 207.86                   | 129.4                  | 117.5                   | 11.9                        |                                 |
|       |               | 5/12/2017         | 77.2                     |                          | 130.7                  |                         | 13.2                        |                                 |
|       |               | 5/19/2017         | 77.4                     |                          | 130.5                  |                         | 13.0                        |                                 |
|       |               | 5/26/2017         | 79.3                     |                          | 128.6                  |                         | 11.1                        |                                 |
|       |               | 6/2/2017          | 82.3                     |                          | 125.6                  |                         | 8.1                         |                                 |
|       |               | 6/9/2017          | 82.4                     |                          | 125.5                  |                         | 8.0                         |                                 |
|       |               | 6/16/2017         | 81.9                     |                          | 126.0                  |                         | 8.5                         |                                 |
|       |               | 6/23/2017         | 81.7                     |                          | 126.2                  |                         | 8.7                         |                                 |
|       |               | 6/30/2017         | 82.9                     |                          | 125.0                  |                         | 7.5                         |                                 |
|       |               | 7/7/2017          | 82.7                     |                          | 125.2                  |                         | 7.7                         |                                 |
|       |               | 7/14/2017         | 83.0                     |                          | 124.9                  |                         | 7.4                         |                                 |
|       |               | 7/21/2017         | 83.3                     |                          | 124.6                  |                         | 7.1                         |                                 |
|       |               | 7/28/2017         | 82.9                     |                          | 125.0                  |                         | 7.5                         |                                 |
|       |               | 8/4/2017          | 82.8                     |                          | 125.1                  |                         | 7.6                         |                                 |
|       |               | 8/11/2017         | 81.2                     |                          | 126.7                  |                         | 9.2                         |                                 |
|       |               | 8/18/2017         | 81.2                     |                          | 126.7                  |                         | 9.2                         |                                 |
|       |               | 8/25/2017         | 82.8                     |                          | 125.1                  |                         | 7.6                         |                                 |
|       |               | 9/1/2017          | 82.8                     |                          | 125.1                  |                         | 7.6                         |                                 |
|       |               | 9/8/2017          | 82.8                     |                          | 125.1                  |                         | 7.6                         |                                 |
|       |               | 9/15/2017         | 79.4                     |                          | 128.5                  |                         | 11.0                        |                                 |
|       |               | 9/22/2017         | 82.3                     |                          | 125.6                  |                         | 8.1                         |                                 |
|       |               | 9/29/2017         | 82.6                     |                          | 125.3                  |                         | 7.8                         |                                 |
|       |               | 10/6/2017         | 81.1                     |                          | 126.8                  |                         | 9.3                         |                                 |
|       |               | 10/13/2017        | 81.1                     |                          | 126.8                  |                         | 9.3                         |                                 |
|       |               | 10/20/2017        | 82.6                     |                          | 125.3                  |                         | 7.8                         |                                 |
|       |               | 10/27/2017        | 77.0                     |                          | 130.9                  |                         | 13.4                        |                                 |
|       |               | 11/3/2017         | 77.1                     |                          | 130.8                  |                         | 13.3                        |                                 |
|       |               | 11/10/2017        | 83.2                     |                          | 124.7                  |                         | 7.2                         |                                 |
|       |               | 11/17/2017        | 82.2                     |                          | 125.7                  |                         | 8.2                         |                                 |
|       |               | 11/24/2017        | 82.2                     |                          | 125.7                  |                         | 8.2                         |                                 |
|       |               | 12/1/2017         | 82.7                     |                          | 125.2                  |                         | 7.7                         |                                 |
|       |               | 12/8/2017         | 82.5                     |                          | 125.4                  |                         | 7.9                         |                                 |
|       |               | 12/15/2017        | 82.7                     |                          | 125.2                  |                         | 7.7                         |                                 |
|       |               | 12/22/2017        | 82.6                     |                          | 125.3                  |                         | 7.8                         |                                 |
|       |               | 12/29/2017        | 82.7                     |                          | 125.2                  |                         | 7.7                         |                                 |
|       |               | 1/5/2018          | 82.8                     |                          | 125.1                  |                         | 7.6                         |                                 |
|       |               | 1/12/2018         | 82.5                     |                          | 125.4                  |                         | 7.9                         |                                 |
|       |               | 1/19/2018         | 82.4                     |                          | 125.5                  |                         | 8.0                         |                                 |
|       |               | 1/26/2018         | 80.9                     |                          | 127.0                  |                         | 9.5                         |                                 |
|       |               | 2/2/2018          | 81.0                     |                          | 126.9                  |                         | 9.4                         |                                 |
|       |               | 2/9/2018          | 81.0                     |                          | 126.9                  |                         | 9.4                         |                                 |
|       |               | 2/16/2018         | 81.4                     |                          | 126.5                  |                         | 9.0                         |                                 |
|       |               | 2/23/2018         | 82.6                     |                          | 125.3                  |                         | 7.8                         |                                 |
|       |               | 3/2/2018          | 82.8                     |                          | 125.1                  |                         | 7.6                         |                                 |
|       |               | 3/8/2018          | 82.8                     |                          | 125.1                  |                         | 7.6                         |                                 |
|       |               | 3/16/2018         | 80.6                     |                          | 127.3                  |                         | 9.8                         |                                 |
|       |               | 3/23/2018         | 83.5                     |                          | 124.4                  |                         | 6.9                         |                                 |
|       |               | 3/30/2018         | 81.0                     |                          | 126.9                  |                         | 9.4                         |                                 |
|       |               | 4/6/2018          | 81.0                     |                          | 126.9                  |                         | 9.4                         |                                 |
|       |               | 4/13/2018         | 80.9                     |                          | 127.0                  |                         | 9.5                         |                                 |
|       |               | 4/20/2018         | 81.1                     |                          | 126.8                  |                         | 9.3                         |                                 |
|       |               | 4/27/2018         | 80.8                     |                          | 127.1                  |                         | 9.6                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| I     | SB-29         | 5/4/2018          | 82.7                     |                          | 125.2                  |                         | 7.7                         | -4.2                            |
|       |               | 5/11/2018         | 82.8                     |                          | 125.1                  |                         | 7.6                         | -5.6                            |
|       |               | 5/18/2018         | 82.9                     |                          | 125.0                  |                         | 7.5                         | -5.5                            |
|       |               | 5/25/2018         | 82.6                     |                          | 125.3                  |                         | 7.8                         | -3.3                            |
|       |               | 6/1/2018          | 82.6                     |                          | 125.3                  |                         | 7.8                         | -0.3                            |
|       |               | 6/8/2018          | 82.6                     |                          | 125.3                  |                         | 7.8                         | -0.2                            |
|       |               | 6/15/2018         | 82.6                     |                          | 125.3                  |                         | 7.8                         | -0.7                            |
|       |               | 6/22/2018         | 82.6                     |                          | 125.3                  |                         | 7.8                         | -0.9                            |
|       |               | 6/29/2018         | 82.5                     |                          | 125.4                  |                         | 7.9                         | 0.4                             |
|       |               | 7/6/2018          | 81.6                     |                          | 126.3                  |                         | 8.8                         | 1.1                             |
|       |               | 7/13/2018         | 81.5                     |                          | 126.4                  |                         | 8.9                         | 1.5                             |
|       |               | 7/20/2018         | 82.6                     |                          | 125.3                  |                         | 7.8                         | 0.7                             |
|       |               | 7/27/2018         | 82.6                     |                          | 125.3                  |                         | 7.8                         | 0.3                             |
|       |               | 8/3/2018          | 82.5                     |                          | 125.4                  |                         | 7.9                         | 0.3                             |
|       |               | 8/10/2018         | 82.5                     |                          | 125.4                  |                         | 7.9                         | -1.3                            |
|       |               | 8/17/2018         | 82.6                     |                          | 125.3                  |                         | 7.8                         | -1.4                            |
|       |               | 8/24/2018         | 82.3                     |                          | 125.6                  |                         | 8.1                         | 0.5                             |
|       |               | 8/31/2018         | 82.3                     |                          | 125.6                  |                         | 8.1                         | 0.5                             |
|       |               | 9/7/2018          | 82.4                     |                          | 125.5                  |                         | 8.0                         | 0.4                             |
|       |               | 9/14/2018         | 82.5                     |                          | 125.4                  |                         | 7.9                         | -3.1                            |
|       |               | 9/21/2018         | 82.5                     |                          | 125.4                  |                         | 7.9                         | -0.2                            |
|       |               | 9/28/2018         | 82.5                     |                          | 125.4                  |                         | 7.9                         | 0.1                             |
|       |               | 10/5/2018         | 82.4                     |                          | 125.5                  |                         | 8.0                         | -1.3                            |
|       |               | 10/12/2018        | 82.3                     |                          | 125.6                  |                         | 8.1                         | -1.2                            |
|       |               | 10/19/2018        | 82.4                     |                          | 125.5                  |                         | 8.0                         | 0.2                             |
|       |               | 10/26/2018        | 82.4                     |                          | 125.5                  |                         | 8.0                         | -5.4                            |
|       |               | 11/2/2018         | 82.3                     |                          | 125.6                  |                         | 8.1                         | -5.2                            |
|       |               | 11/9/2018         | 82.4                     |                          | 125.5                  |                         | 8.0                         | 0.8                             |
|       |               | 11/16/2018        | 82.3                     |                          | 125.6                  |                         | 8.1                         | -0.1                            |
|       |               | 11/23/2018        | 80.2                     |                          | 127.7                  |                         | 10.2                        | 2.0                             |
|       |               | 11/30/2018        | 81.6                     |                          | 126.3                  |                         | 8.8                         | 1.1                             |
|       |               | 12/7/2018         | 82.4                     |                          | 125.5                  |                         | 8.0                         | 0.1                             |
|       |               | 12/14/2018        | 81.8                     |                          | 126.1                  |                         | 8.6                         | 0.9                             |
|       |               | 12/21/2018        | 80.8                     |                          | 127.1                  |                         | 9.6                         | 1.8                             |
|       |               | 12/28/2018        | 80.9                     |                          | 127.0                  |                         | 9.5                         | 1.8                             |
|       |               | 1/4/2019          | 81.7                     |                          | 126.2                  |                         | 8.7                         | 1.1                             |
|       |               | 1/11/2019         | 81.3                     |                          | 126.6                  |                         | 9.1                         | 1.2                             |
|       |               | 1/18/2019         | 81.0                     |                          | 126.9                  |                         | 9.4                         | 1.4                             |
|       |               | 1/25/2019         | 80.4                     |                          | 127.5                  |                         | 10.0                        | 0.5                             |
|       |               | 2/1/2019          | 80.4                     |                          | 127.5                  |                         | 10.0                        | 0.6                             |
|       |               | 2/8/2019          | 79.0                     |                          | 128.9                  |                         | 11.4                        | 2.0                             |
|       |               | 2/15/2019         | 82.4                     |                          | 125.5                  |                         | 8.0                         | -1.0                            |
|       |               | 2/22/2019         | 82.4                     |                          | 125.5                  |                         | 8.0                         | 0.2                             |
|       |               | 3/1/2019          | 82.5                     |                          | 125.4                  |                         | 7.9                         | 0.3                             |
|       |               | 3/8/2019          | 82.2                     |                          | 125.7                  |                         | 8.2                         | 0.6                             |
|       |               | 3/15/2019         | 82.1                     |                          | 125.8                  |                         | 8.3                         | -1.5                            |
|       |               | 3/22/2019         | 82.4                     |                          | 125.5                  |                         | 8.0                         | 1.1                             |
|       |               | 3/29/2019         | 82.3                     |                          | 125.6                  |                         | 8.1                         | -1.3                            |
|       |               | 4/5/2019          | 81.2                     |                          | 126.7                  |                         | 9.2                         | -0.2                            |
|       |               | 4/12/2019         | 82.4                     |                          | 125.5                  |                         | 8.0                         | -1.5                            |
|       |               | 4/19/2019         | 82.2                     |                          | 125.7                  |                         | 8.2                         | -1.1                            |
|       |               | 4/26/2019         | 82.3                     |                          | 125.6                  |                         | 8.1                         | -1.5                            |
|       |               | 5/3/2019          | 82.4                     |                          | 125.5                  |                         | 8.0                         | 0.3                             |
|       |               | 5/10/2019         | 82.3                     |                          | 125.6                  |                         | 8.1                         | 0.5                             |
|       |               | 5/17/2019         | 82.4                     |                          | 125.5                  |                         | 8.0                         | 0.5                             |
|       |               | 5/24/2019         | 82.0                     |                          | 125.9                  |                         | 8.4                         | 0.6                             |
|       |               | 5/31/2019         | 82.5                     |                          | 125.4                  |                         | 7.9                         | 0.1                             |
|       |               | 6/7/2019          | 82.3                     |                          | 125.6                  |                         | 8.1                         | 0.3                             |
|       |               | 6/14/2019         | 82.5                     |                          | 125.4                  |                         | 7.9                         | 0.1                             |
|       |               | 6/21/2019         | 82.3                     |                          | 125.6                  |                         | 8.1                         | 0.3                             |
|       |               | 6/28/2019         | 82.4                     |                          | 125.5                  |                         | 8.0                         | 0.1                             |
|       |               | 7/5/2019          | 82.4                     |                          | 125.5                  |                         | 8.0                         | -0.8                            |
|       |               | 7/12/2019         | 82.4                     |                          | 125.5                  |                         | 8.0                         | -0.9                            |
|       |               | 7/19/2019         | 81.7                     |                          | 126.2                  |                         | 8.7                         | 0.9                             |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| I     | SB-29         | 7/26/2019         | 82.5                     |                          | 125.4                  |                         | 7.9                         | 0.1                             |
|       |               | 8/2/2019          | 82.2                     |                          | 125.7                  |                         | 8.2                         | 0.3                             |
|       |               | 8/9/2019          | 82.4                     |                          | 125.5                  |                         | 8.0                         | 0.1                             |
|       |               | 8/16/2019         | 82.4                     |                          | 125.5                  |                         | 8.0                         | 0.2                             |
|       |               | 8/23/2019         | 80.8                     |                          | 127.1                  |                         | 9.6                         | 1.5                             |
|       |               | 8/30/2019         | 79.6                     |                          | 128.3                  |                         | 10.8                        | 2.7                             |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-30         | 5/5/2017          | 64.3                     | 189.53                   | 125.2                  | 117.8                   | 7.4                         |                                 |
|       |               | 5/12/2017         | 64.7                     |                          | 124.8                  |                         | 7.0                         |                                 |
|       |               | 5/19/2017         | 64.8                     |                          | 124.7                  |                         | 6.9                         |                                 |
|       |               | 5/26/2017         | 65.7                     |                          | 123.8                  |                         | 6.0                         |                                 |
|       |               | 6/2/2017          | 65.7                     |                          | 123.8                  |                         | 6.0                         |                                 |
|       |               | 6/9/2017          | 65.7                     |                          | 123.8                  |                         | 6.0                         |                                 |
|       |               | 6/16/2017         | 65.6                     |                          | 123.9                  |                         | 6.1                         |                                 |
|       |               | 6/23/2017         | 65.6                     |                          | 123.9                  |                         | 6.1                         |                                 |
|       |               | 6/30/2017         | 65.2                     |                          | 124.3                  |                         | 6.5                         |                                 |
|       |               | 7/7/2017          | 65.7                     |                          | 123.8                  |                         | 6.0                         |                                 |
|       |               | 7/14/2017         | 65.8                     |                          | 123.7                  |                         | 5.9                         |                                 |
|       |               | 7/21/2017         | 66.0                     |                          | 123.5                  |                         | 5.7                         |                                 |
|       |               | 7/28/2017         | 66.0                     |                          | 123.5                  |                         | 5.7                         |                                 |
|       |               | 8/4/2017          | 66.0                     |                          | 123.5                  |                         | 5.7                         |                                 |
|       |               | 8/11/2017         | 65.6                     |                          | 123.9                  |                         | 6.1                         |                                 |
|       |               | 8/18/2017         | 65.8                     |                          | 123.7                  |                         | 5.9                         |                                 |
|       |               | 8/25/2017         | 65.8                     |                          | 123.7                  |                         | 5.9                         |                                 |
|       |               | 9/1/2017          | 65.9                     |                          | 123.6                  |                         | 5.8                         |                                 |
|       |               | 9/8/2017          | 65.5                     |                          | 124.0                  |                         | 6.2                         |                                 |
|       |               | 9/15/2017         | 64.4                     |                          | 125.1                  |                         | 7.3                         |                                 |
|       |               | 9/22/2017         | 64.7                     |                          | 124.8                  |                         | 7.0                         |                                 |
|       |               | 9/29/2017         | 64.7                     |                          | 124.8                  |                         | 7.0                         |                                 |
|       |               | 10/6/2017         | 64.8                     |                          | 124.7                  |                         | 6.9                         |                                 |
|       |               | 10/13/2017        | 63.4                     |                          | 126.1                  |                         | 8.3                         |                                 |
|       |               | 10/20/2017        | 63.2                     |                          | 126.3                  |                         | 8.5                         |                                 |
|       |               | 10/27/2017        | 65.4                     |                          | 124.1                  |                         | 6.3                         |                                 |
|       |               | 11/3/2017         | 65.4                     |                          | 124.1                  |                         | 6.3                         |                                 |
|       |               | 11/10/2017        | 65.3                     |                          | 124.2                  |                         | 6.4                         |                                 |
|       |               | 11/17/2017        | 65.4                     |                          | 124.1                  |                         | 6.3                         |                                 |
|       |               | 11/24/2017        | 65.5                     |                          | 124.0                  |                         | 6.2                         |                                 |
|       |               | 12/1/2017         | 65.6                     |                          | 123.9                  |                         | 6.1                         |                                 |
|       |               | 12/8/2017         | 65.4                     |                          | 124.1                  |                         | 6.3                         |                                 |
|       |               | 12/15/2017        | 65.5                     |                          | 124.0                  |                         | 6.2                         |                                 |
|       |               | 12/22/2017        | 65.6                     |                          | 123.9                  |                         | 6.1                         |                                 |
|       |               | 12/29/2017        | 65.7                     |                          | 123.8                  |                         | 6.0                         |                                 |
|       |               | 1/5/2018          | 65.8                     |                          | 123.7                  |                         | 5.9                         |                                 |
|       |               | 1/12/2018         | 65.6                     |                          | 123.9                  |                         | 6.1                         |                                 |
|       |               | 1/19/2018         | 65.6                     |                          | 123.9                  |                         | 6.1                         |                                 |
|       |               | 1/26/2018         | 65.6                     |                          | 123.9                  |                         | 6.1                         |                                 |
|       |               | 2/2/2018          | 65.8                     |                          | 123.7                  |                         | 5.9                         |                                 |
|       |               | 2/9/2018          | 65.8                     |                          | 123.7                  |                         | 5.9                         |                                 |
|       |               | 2/16/2018         | 65.8                     |                          | 123.7                  |                         | 5.9                         |                                 |
|       |               | 2/23/2018         | 65.9                     |                          | 123.6                  |                         | 5.8                         |                                 |
|       |               | 3/2/2018          | 65.9                     |                          | 123.6                  |                         | 5.8                         |                                 |
|       |               | 3/8/2018          | 65.9                     |                          | 123.6                  |                         | 5.8                         |                                 |
|       |               | 3/16/2018         | 66.0                     |                          | 123.5                  |                         | 5.7                         |                                 |
|       |               | 3/23/2018         | 66.2                     |                          | 123.3                  |                         | 5.5                         |                                 |
|       |               | 3/30/2018         | 65.7                     |                          | 123.8                  |                         | 6.0                         |                                 |
|       |               | 4/6/2018          | 66.0                     |                          | 123.5                  |                         | 5.7                         |                                 |
|       |               | 4/13/2018         | 66.0                     |                          | 123.5                  |                         | 5.7                         |                                 |
|       |               | 4/20/2018         | 66.1                     |                          | 123.4                  |                         | 5.6                         |                                 |
|       |               | 4/27/2018         | 66.0                     |                          | 123.5                  |                         | 5.7                         |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-30         | 5/4/2018          | 66.4                     |                          | 123.1                  |                         | 5.3                         | -2.1                            |
|       |               | 5/11/2018         | 66.4                     |                          | 123.1                  |                         | 5.3                         | -1.7                            |
|       |               | 5/18/2018         | 66.4                     |                          | 123.1                  |                         | 5.3                         | -1.6                            |
|       |               | 5/25/2018         | 66.3                     |                          | 123.2                  |                         | 5.4                         | -0.6                            |
|       |               | 6/1/2018          | 66.4                     |                          | 123.1                  |                         | 5.3                         | -0.7                            |
|       |               | 6/8/2018          | 66.4                     |                          | 123.1                  |                         | 5.3                         | -0.7                            |
|       |               | 6/15/2018         | 66.4                     |                          | 123.1                  |                         | 5.3                         | -0.8                            |
|       |               | 6/22/2018         | 66.4                     |                          | 123.1                  |                         | 5.3                         | -0.8                            |
|       |               | 6/29/2018         | 66.5                     |                          | 123.0                  |                         | 5.2                         | -1.3                            |
|       |               | 7/6/2018          | 66.4                     |                          | 123.1                  |                         | 5.3                         | -0.7                            |
|       |               | 7/13/2018         | 66.4                     |                          | 123.1                  |                         | 5.3                         | -0.6                            |
|       |               | 7/20/2018         | 66.3                     |                          | 123.2                  |                         | 5.4                         | -0.3                            |
|       |               | 7/27/2018         | 66.3                     |                          | 123.2                  |                         | 5.4                         | -0.3                            |
|       |               | 8/3/2018          | 66.3                     |                          | 123.2                  |                         | 5.4                         | -0.3                            |
|       |               | 8/10/2018         | 66.0                     |                          | 123.5                  |                         | 5.7                         | -0.4                            |
|       |               | 8/17/2018         | 65.9                     |                          | 123.6                  |                         | 5.8                         | -0.1                            |
|       |               | 8/24/2018         | 65.7                     |                          | 123.8                  |                         | 6.0                         | 0.1                             |
|       |               | 8/31/2018         | 65.6                     |                          | 123.9                  |                         | 6.1                         | 0.3                             |
|       |               | 9/7/2018          | 65.4                     |                          | 124.1                  |                         | 6.3                         | 0.1                             |
|       |               | 9/14/2018         | 65.4                     |                          | 124.1                  |                         | 6.3                         | -1.0                            |
|       |               | 9/21/2018         | 65.3                     |                          | 124.2                  |                         | 6.4                         | -0.6                            |
|       |               | 9/28/2018         | 65.3                     |                          | 124.2                  |                         | 6.4                         | -0.6                            |
|       |               | 10/5/2018         | 65.2                     |                          | 124.3                  |                         | 6.5                         | -0.4                            |
|       |               | 10/12/2018        | 65.1                     |                          | 124.4                  |                         | 6.6                         | -1.7                            |
|       |               | 10/19/2018        | 65.2                     |                          | 124.3                  |                         | 6.5                         | -2.0                            |
|       |               | 10/26/2018        | 65.2                     |                          | 124.3                  |                         | 6.5                         | 0.2                             |
|       |               | 11/2/2018         | 64.9                     |                          | 124.6                  |                         | 6.8                         | 0.5                             |
|       |               | 11/9/2018         | 64.9                     |                          | 124.6                  |                         | 6.8                         | 0.4                             |
|       |               | 11/16/2018        | 65.0                     |                          | 124.5                  |                         | 6.7                         | 0.4                             |
|       |               | 11/23/2018        | 64.2                     |                          | 125.3                  |                         | 7.5                         | 1.3                             |
|       |               | 11/30/2018        | 65.1                     |                          | 124.4                  |                         | 6.6                         | 0.5                             |
|       |               | 12/7/2018         | 65.3                     |                          | 124.2                  |                         | 6.4                         | 0.1                             |
|       |               | 12/14/2018        | 65.1                     |                          | 124.4                  |                         | 6.6                         | 0.4                             |
|       |               | 12/21/2018        | 65.0                     |                          | 124.5                  |                         | 6.7                         | 0.6                             |
|       |               | 12/28/2018        | 65.0                     |                          | 124.5                  |                         | 6.7                         | 0.7                             |
|       |               | 1/4/2019          | 65.0                     |                          | 124.6                  |                         | 6.8                         | 0.8                             |
|       |               | 1/11/2019         | 65.0                     |                          | 124.5                  |                         | 6.7                         | 0.6                             |
|       |               | 1/18/2019         | 65.3                     |                          | 124.2                  |                         | 6.4                         | 0.3                             |
|       |               | 1/25/2019         | 65.5                     |                          | 124.0                  |                         | 6.2                         | 0.1                             |
|       |               | 2/1/2019          | 65.6                     |                          | 123.9                  |                         | 6.1                         | 0.2                             |
|       |               | 2/8/2019          | 65.7                     |                          | 123.8                  |                         | 6.0                         | 0.1                             |
|       |               | 2/15/2019         | 65.7                     |                          | 123.8                  |                         | 6.0                         | 0.1                             |
|       |               | 2/22/2019         | 65.8                     |                          | 123.7                  |                         | 5.9                         | 0.1                             |
|       |               | 3/1/2019          | 65.8                     |                          | 123.7                  |                         | 5.9                         | 0.1                             |
|       |               | 3/8/2019          | 65.7                     |                          | 123.8                  |                         | 6.0                         | 0.2                             |
|       |               | 3/15/2019         | 65.9                     |                          | 123.6                  |                         | 5.8                         | 0.1                             |
|       |               | 3/22/2019         | 65.9                     |                          | 123.6                  |                         | 5.8                         | 0.3                             |
|       |               | 3/29/2019         | 65.8                     |                          | 123.7                  |                         | 5.9                         | -0.1                            |
|       |               | 4/5/2019          | 65.5                     |                          | 124.0                  |                         | 6.2                         | 0.5                             |
|       |               | 4/12/2019         | 65.7                     |                          | 123.8                  |                         | 6.0                         | 0.3                             |
|       |               | 4/19/2019         | 65.6                     |                          | 123.9                  |                         | 6.1                         | 0.5                             |
|       |               | 4/26/2019         | 65.7                     |                          | 123.8                  |                         | 6.0                         | 0.3                             |
|       |               | 5/3/2019          | 65.4                     |                          | 124.1                  |                         | 6.3                         | 1.0                             |
|       |               | 5/10/2019         | 65.7                     |                          | 123.8                  |                         | 6.0                         | 0.7                             |
|       |               | 5/17/2019         | 66.0                     |                          | 123.5                  |                         | 5.7                         | 0.4                             |
|       |               | 5/24/2019         | 66.0                     |                          | 123.5                  |                         | 5.7                         | 0.3                             |
|       |               | 5/31/2019         | 66.1                     |                          | 123.4                  |                         | 5.6                         | 0.3                             |
|       |               | 6/7/2019          | 66.0                     |                          | 123.5                  |                         | 5.7                         | 0.4                             |
|       |               | 6/14/2019         | 66.2                     |                          | 123.3                  |                         | 5.5                         | 0.2                             |
|       |               | 6/21/2019         | 66.1                     |                          | 123.4                  |                         | 5.6                         | 0.3                             |
|       |               | 6/28/2019         | 66.2                     |                          | 123.3                  |                         | 5.5                         | 0.3                             |
|       |               | 7/5/2019          | 66.2                     |                          | 123.3                  |                         | 5.5                         | 0.2                             |
|       |               | 7/12/2019         | 66.1                     |                          | 123.4                  |                         | 5.6                         | 0.3                             |
|       |               | 7/19/2019         | 66.1                     |                          | 123.4                  |                         | 5.6                         | 0.2                             |



**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-30         | 7/26/2019         | 66.2                     |                          | 123.3                  |                         | 5.5                         | 0.1                             |
|       |               | 8/2/2019          | 66.2                     |                          | 123.3                  |                         | 5.5                         | 0.1                             |
|       |               | 8/9/2019          | 65.8                     |                          | 123.7                  |                         | 5.9                         | 0.2                             |
|       |               | 8/16/2019         | 65.7                     |                          | 123.8                  |                         | 6.0                         | 0.2                             |
|       |               | 8/23/2019         | 65.6                     |                          | 123.9                  |                         | 6.1                         | 0.1                             |
|       |               | 8/30/2019         | 65.5                     |                          | 124.0                  |                         | 6.2                         | 0.1                             |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring #       | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | SB-31 <sup>14</sup> | 3/7/2018          | 18.4                     | 141.8                    | 123.4                  | 122.4                   | 1.0                         |                                 |
|       |                     | 3/9/2018          | 18.4                     |                          | 123.4                  |                         | 1.0                         |                                 |
|       |                     | 3/16/2018         | 18.4                     |                          | 123.4                  |                         | 1.0                         |                                 |
|       |                     | 3/23/2018         | 18.4                     |                          | 123.4                  |                         | 1.0                         |                                 |
|       |                     | 3/30/2018         | 18.4                     |                          | 123.4                  |                         | 1.0                         |                                 |
|       |                     | 4/6/2018          | 18.4                     |                          | 123.4                  |                         | 1.0                         |                                 |
|       |                     | 4/13/2018         | 18.4                     |                          | 123.4                  |                         | 1.0                         |                                 |
|       |                     | 4/20/2018         | 18.4                     |                          | 123.4                  |                         | 1.0                         |                                 |
|       |                     | 4/27/2018         | 18.5                     |                          | 123.3                  |                         | 0.9                         |                                 |
|       |                     | 5/4/2018          | 18.5                     |                          | 123.3                  |                         | 0.9                         |                                 |
|       |                     | 5/11/2018         | See Note 20              |                          |                        |                         |                             |                                 |
|       |                     |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring #       | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| III   | SB-32 <sup>14</sup> | 3/7/2018          | 24.1                     | 146.8                    | 122.7                  | 121.9                   | 0.8                         |                                 |
|       |                     | 3/9/2018          | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 3/16/2018         | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 3/23/2018         | 24.2                     |                          | 122.6                  |                         | 0.7                         |                                 |
|       |                     | 3/30/2018         | 24.2                     |                          | 122.6                  |                         | 0.7                         |                                 |
|       |                     | 4/6/2018          | 24.2                     |                          | 122.6                  |                         | 0.7                         |                                 |
|       |                     | 4/13/2018         | 24.2                     |                          | 122.6                  |                         | 0.7                         |                                 |
|       |                     | 4/20/2018         | 24.2                     |                          | 122.6                  |                         | 0.7                         |                                 |
|       |                     | 4/27/2018         | 24.5                     |                          | 122.3                  | See Note 19             | 0.4                         |                                 |
|       |                     | 5/4/2018          | 24.5                     |                          | 122.3                  | See Note 19             | 0.4                         |                                 |
|       |                     | 5/11/2018         | 24.4                     |                          | 122.4                  |                         | 0.5                         |                                 |
|       |                     | 5/18/2018         | 24.4                     |                          | 122.4                  |                         | 0.5                         |                                 |
|       |                     | 5/25/2018         | 24.4                     |                          | 122.4                  |                         | 0.5                         |                                 |
|       |                     | 6/1/2018          | 24.4                     |                          | 122.4                  |                         | 0.5                         |                                 |
|       |                     | 6/8/2018          | 24.4                     |                          | 122.4                  |                         | 0.5                         |                                 |
|       |                     | 6/15/2018         | 24.4                     |                          | 122.4                  |                         | 0.5                         |                                 |
|       |                     | 6/22/2018         | 24.4                     |                          | 122.4                  |                         | 0.5                         |                                 |
|       |                     | 6/29/2018         | 24.4                     |                          | 122.4                  |                         | 0.5                         |                                 |
|       |                     | 7/6/2018          | 24.3                     |                          | 122.5                  |                         | 0.6                         |                                 |
|       |                     | 7/13/2018         | 24.3                     |                          | 122.5                  |                         | 0.6                         |                                 |
|       |                     | 7/20/2018         | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 7/27/2018         | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 8/3/2018          | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 8/10/2018         | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 8/17/2018         | 23.9                     |                          | 122.9                  |                         | 1.0                         |                                 |
|       |                     | 8/24/2018         | 23.9                     |                          | 122.9                  |                         | 1.0                         |                                 |
|       |                     | 8/31/2018         | 23.9                     |                          | 122.9                  |                         | 1.0                         |                                 |
|       |                     | 9/7/2018          | 23.9                     |                          | 122.9                  |                         | 1.0                         |                                 |
|       |                     | 9/14/2018         | 23.9                     |                          | 122.9                  |                         | 1.0                         |                                 |
|       |                     | 9/21/2018         | 23.9                     |                          | 122.9                  |                         | 1.0                         |                                 |
|       |                     | 9/28/2018         | 23.9                     |                          | 122.9                  |                         | 1.0                         |                                 |
|       |                     | 10/5/2018         | 23.9                     |                          | 122.9                  |                         | 1.0                         |                                 |
|       |                     | 10/12/2018        | 23.9                     |                          | 122.9                  |                         | 1.0                         |                                 |
|       |                     | 10/19/2018        | 23.9                     |                          | 122.9                  |                         | 1.0                         |                                 |
|       |                     | 10/26/2018        | 23.9                     |                          | 122.9                  |                         | 1.0                         |                                 |
|       |                     | 11/2/2018         | 24.0                     |                          | 122.8                  |                         | 0.9                         |                                 |
|       |                     | 11/9/2018         | 24.0                     |                          | 122.8                  |                         | 0.9                         |                                 |
|       |                     | 11/16/2018        | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 11/23/2018        | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 11/30/2018        | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 12/7/2018         | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 12/14/2018        | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 12/21/2018        | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 12/28/2018        | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 1/4/2019          | 24.0                     |                          | 122.8                  |                         | 0.9                         |                                 |
|       |                     | 1/11/2019         | 24.0                     |                          | 122.8                  |                         | 0.9                         |                                 |
|       |                     | 1/18/2019         | 24.0                     |                          | 122.8                  |                         | 0.9                         |                                 |
|       |                     | 1/25/2019         | 24.1                     |                          | 122.7                  |                         | 0.8                         |                                 |
|       |                     | 2/1/2019          | 24.0                     |                          | 122.8                  |                         | 0.9                         |                                 |
|       |                     | 2/8/2019          | 24.0                     |                          | 122.8                  |                         | 0.9                         |                                 |
|       |                     | 2/15/2019         | 24.0                     |                          | 122.8                  |                         | 0.9                         |                                 |
|       |                     | 2/22/2019         | 24.0                     |                          | 122.8                  |                         | 0.9                         |                                 |
|       |                     | 3/1/2019          | 24.0                     |                          | 122.8                  |                         | 0.9                         |                                 |
|       |                     | 3/8/2019          | 24.0                     |                          | 122.8                  |                         | 0.9                         | 0.1                             |
|       |                     | 3/15/2019         | 24.0                     |                          | 122.8                  |                         | 0.9                         | 0.1                             |
|       |                     | 3/22/2019         | 24.1                     |                          | 122.7                  |                         | 0.8                         | 0.1                             |
|       |                     | 3/29/2019         | 24.1                     |                          | 122.7                  |                         | 0.8                         | 0.1                             |
|       |                     | 4/5/2019          | 24.1                     |                          | 122.7                  |                         | 0.8                         | 0.1                             |
|       |                     | 4/12/2019         | 24.1                     |                          | 122.7                  |                         | 0.8                         | 0.1                             |
|       |                     | 4/19/2019         | 24.1                     |                          | 122.7                  |                         | 0.8                         | 0.1                             |
|       |                     | 4/26/2019         | 24.1                     |                          | 122.7                  |                         | 0.8                         | 0.4                             |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring #       | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| III   | SB-32 <sup>14</sup> | 5/3/2019          | 24.2                     |                          | 122.6                  |                         | 0.7                         | 0.3                             |
|       |                     | 5/10/2019         | 24.2                     |                          | 122.6                  |                         | 0.7                         | 0.2                             |
|       |                     | 5/17/2019         | 24.2                     |                          | 122.6                  |                         | 0.7                         | 0.2                             |
|       |                     | 5/24/2019         | 24.2                     |                          | 122.6                  |                         | 0.7                         | 0.2                             |
|       |                     | 5/31/2019         | 24.2                     |                          | 122.6                  |                         | 0.7                         | 0.2                             |
|       |                     | 6/7/2019          | 24.2                     |                          | 122.6                  |                         | 0.7                         | 0.2                             |
|       |                     | 6/14/2019         | 24.2                     |                          | 122.5                  |                         | 0.6                         | 0.2                             |
|       |                     | 6/21/2019         | 24.2                     |                          | 122.6                  |                         | 0.7                         | 0.2                             |
|       |                     | 6/28/2019         | 24.3                     |                          | 122.5                  |                         | 0.6                         | 0.1                             |
|       |                     | 7/5/2019          | 24.3                     |                          | 122.5                  |                         | 0.6                         | 0.0                             |
|       |                     | 7/12/2019         | 24.3                     |                          | 122.5                  |                         | 0.6                         | 0.0                             |
|       |                     | 7/19/2019         | 24.3                     |                          | 122.5                  |                         | 0.6                         | -0.2                            |
|       |                     | 7/26/2019         | 24.1                     |                          | 122.7                  |                         | 0.8                         | 0.0                             |
|       |                     | 8/2/2019          | 23.8                     |                          | 123.0                  |                         | 1.1                         | 0.3                             |
|       |                     | 8/9/2019          | 23.8                     |                          | 123.0                  |                         | 1.1                         | 0.3                             |
|       |                     | 8/16/2019         | 23.6                     |                          | 123.2                  |                         | 1.3                         | 0.3                             |
|       |                     | 8/23/2019         | 23.4                     |                          | 123.4                  |                         | 1.5                         | 0.5                             |
|       |                     | 8/30/2019         | 23.8                     |                          | 123.0                  |                         | 1.1                         | 0.1                             |
|       |                     |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| I     | MP 1-4        | 7/12/19           | 11.3                     | 136.2                    | DRY                    | 123.1                   |                             |                                 |
|       |               | 7/19/19           | 11.3                     |                          | DRY                    |                         |                             |                                 |
|       |               | 7/26/19           | 11.3                     |                          | DRY                    |                         |                             |                                 |
|       |               | 8/2/19            | 11.3                     |                          | DRY                    |                         |                             |                                 |
|       |               | 8/9/19            | 11.3                     |                          | DRY                    |                         |                             |                                 |
|       |               | 8/16/19           | 11.3                     |                          | DRY                    |                         |                             |                                 |
|       |               | 8/23/19           | 11.3                     |                          | DRY                    |                         |                             |                                 |
|       |               | 8/30/19           | 11.3                     |                          | DRY                    |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |
|       |               |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring #       | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | MP 2-2 <sup>6</sup> | 7/21/2017         | 14.5                     | 136.85                   | 122.4                  | 121.5                   | 0.9                         |                                 |
|       |                     | 7/28/2017         | 14.1                     | top HDPE                 | 122.8                  |                         | 1.3                         |                                 |
|       |                     | 8/4/2017          | 13.7                     |                          | 123.2                  |                         | 1.7                         |                                 |
|       |                     | 8/11/2017         | 12.8                     | See Note 7               | 124.1                  |                         | 2.6                         |                                 |
|       |                     | 8/18/2017         | 13.6                     |                          | 123.3                  |                         | 1.8                         |                                 |
|       |                     | 8/25/2017         | 13.7                     |                          | 123.2                  |                         | 1.7                         |                                 |
|       |                     | 9/1/2017          | 13.4                     |                          | 123.5                  |                         | 2.0                         |                                 |
|       |                     | 9/8/2017          | 13.1                     |                          | 123.8                  |                         | 2.3                         |                                 |
|       |                     | 9/15/2017         | 12.8                     |                          | 124.1                  |                         | 2.6                         |                                 |
|       |                     | 9/22/2017         | 12.8                     |                          | 124.1                  |                         | 2.6                         |                                 |
|       |                     | 9/29/2017         | 12.7                     |                          | 124.2                  |                         | 2.7                         |                                 |
|       |                     | 10/6/2017         | 13.1                     |                          | 123.8                  |                         | 2.3                         |                                 |
|       |                     | 10/13/2017        | 13.1                     |                          | 123.8                  |                         | 2.3                         |                                 |
|       |                     | 10/20/2017        | 15.2                     |                          | 121.7                  |                         | 0.2                         |                                 |
|       |                     | 10/27/2017        | 14.7                     |                          | 122.2                  |                         | 0.7                         |                                 |
|       |                     | 11/3/2017         | 14.5                     |                          | 122.4                  |                         | 0.9                         |                                 |
|       |                     | 11/10/2017        | 13.8                     |                          | 123.1                  |                         | 1.6                         |                                 |
|       |                     | 11/17/2017        | 13.8                     |                          | 123.1                  |                         | 1.6                         |                                 |
|       |                     | 11/24/2017        | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 12/1/2017         | 15.2                     |                          | 121.7                  |                         | 0.2                         |                                 |
|       |                     | 12/8/2017         | 14.2                     |                          | 122.7                  | See Note 13             | 1.2                         |                                 |
|       |                     | 12/15/2017        | 15.0                     |                          | 121.9                  |                         | 0.4                         |                                 |
|       |                     | 12/22/2017        | 15.2                     |                          | 121.7                  |                         | 0.2                         |                                 |
|       |                     | 12/29/2017        | 14.3                     |                          | 122.6                  |                         | 1.1                         |                                 |
|       |                     | 1/5/2018          | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 1/12/2018         | 13.8                     |                          | 123.1                  |                         | 1.6                         |                                 |
|       |                     | 1/19/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 1/26/2018         | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 2/2/2018          | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 2/9/2018          | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 2/16/2018         | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 2/23/2018         | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 3/2/2018          | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 3/9/2018          | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 3/16/2018         | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 3/23/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 3/30/2018         | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 4/6/2018          | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 4/13/2018         | 13.9                     |                          | 123.0                  |                         | 1.5                         |                                 |
|       |                     | 4/20/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 4/27/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 5/4/2018          | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 5/11/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 5/18/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 5/25/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 6/1/2018          | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 6/8/2018          | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 6/15/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 6/22/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 6/29/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 7/6/2018          | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 7/13/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         |                                 |
|       |                     | 7/20/2018         | 14.0                     |                          | 122.9                  |                         | 1.4                         | 0.5                             |
|       |                     | 7/27/2018         | 13.9                     |                          | 123.0                  |                         | 1.5                         | 0.2                             |
|       |                     | 8/3/2018          | 13.9                     |                          | 123.0                  |                         | 1.5                         | -0.2                            |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring #       | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | MP 2-2 <sup>6</sup> | 8/10/2018         | 13.9                     |                          | 123.0                  |                         | 1.5                         | -1.1                            |
|       |                     | 8/17/2018         | 13.8                     |                          | 123.1                  |                         | 1.6                         | -0.2                            |
|       |                     | 8/24/2018         | 13.8                     |                          | 123.1                  |                         | 1.6                         | -0.1                            |
|       |                     | 8/31/2018         | 13.8                     |                          | 123.1                  |                         | 1.6                         | -0.4                            |
|       |                     | 9/7/2018          | 13.8                     |                          | 123.1                  |                         | 1.6                         | -0.7                            |
|       |                     | 9/14/2018         | 13.8                     |                          | 123.1                  |                         | 1.6                         | -1.0                            |
|       |                     | 9/21/2018         | 13.8                     |                          | 123.1                  |                         | 1.6                         | -1.0                            |
|       |                     | 9/28/2018         | 13.8                     |                          | 123.1                  |                         | 1.6                         | -1.1                            |
|       |                     | 10/5/2018         | 13.8                     |                          | 123.1                  |                         | 1.6                         | -0.7                            |
|       |                     | 10/12/2018        | 13.8                     |                          | 123.1                  |                         | 1.6                         | -0.7                            |
|       |                     | 10/19/2018        | 13.8                     |                          | 123.1                  |                         | 1.6                         | 1.4                             |
|       |                     | 10/26/2018        | 13.8                     |                          | 123.1                  |                         | 1.6                         | 0.9                             |
|       |                     | 11/2/2018         | 13.8                     |                          | 123.1                  |                         | 1.6                         | 0.7                             |
|       |                     | 11/9/2018         | 13.7                     |                          | 123.2                  |                         | 1.7                         | 0.1                             |
|       |                     | 11/16/2018        | 13.8                     |                          | 123.1                  |                         | 1.6                         | 0.0                             |
|       |                     | 11/23/2018        | 13.5                     |                          | 123.4                  | See Note 24             | 1.9                         | 0.4                             |
|       |                     | 11/30/2018        | 13.6                     |                          | 123.3                  |                         | 1.8                         | 1.6                             |
|       |                     | 12/7/2018         | 15.0                     |                          | 121.9                  |                         | 0.4                         | -0.8                            |
|       |                     | 12/14/2018        | 15.2                     |                          | 121.7                  |                         | 0.2                         | -0.2                            |
|       |                     | 12/21/2018        | 13.6                     |                          | 123.3                  |                         | 1.8                         | 1.6                             |
|       |                     | 12/28/2018        | 13.6                     |                          | 123.3                  |                         | 1.8                         | 0.7                             |
|       |                     | 1/4/2019          | 13.4                     |                          | 123.5                  |                         | 2.0                         | 0.6                             |
|       |                     | 1/11/2019         | 13.3                     |                          | 123.6                  |                         | 2.1                         | 0.5                             |
|       |                     | 1/18/2019         | 13.9                     |                          | 123.0                  |                         | 1.5                         | 0.1                             |
|       |                     | 1/25/2019         | 13.9                     |                          | 123.0                  |                         | 1.5                         | 0.0                             |
|       |                     | 2/1/2019          | 13.9                     |                          | 123.0                  |                         | 1.5                         | 0.0                             |
|       |                     | 2/8/2019          | 13.9                     |                          | 123.0                  |                         | 1.5                         | 0.0                             |
|       |                     | 2/15/2019         | 13.9                     |                          | 123.0                  |                         | 1.5                         | 0.0                             |
|       |                     | 2/22/2019         | 13.9                     |                          | 123.0                  |                         | 1.5                         | 0.0                             |
|       |                     | 3/1/2019          | 14.2                     |                          | 122.7                  |                         | 1.2                         | -0.3                            |
|       |                     | 3/8/2019          | 13.9                     |                          | 123.0                  |                         | 1.5                         | 0.0                             |
|       |                     | 3/15/2019         | 13.9                     |                          | 123.0                  |                         | 1.5                         | 0.0                             |
|       |                     | 3/22/2019         | 13.9                     |                          | 123.0                  |                         | 1.5                         | 0.1                             |
|       |                     | 3/29/2019         | 14.5                     |                          | 122.4                  |                         | 0.9                         | -0.6                            |
|       |                     | 4/5/2019          | 14.1                     |                          | 122.8                  |                         | 1.3                         | -0.2                            |
|       |                     | 4/12/2019         | 14.5                     |                          | 122.4                  |                         | 0.9                         | -0.6                            |
|       |                     | 4/19/2019         | 14.6                     |                          | 122.3                  |                         | 0.8                         | -0.6                            |
|       |                     | 4/26/2019         | 14.6                     |                          | 122.3                  |                         | 0.8                         | -0.6                            |
|       |                     | 5/2/2019          | 14.6                     |                          | 122.3                  |                         | 0.8                         | -0.6                            |
|       |                     | 5/10/2019         |                          | See Note 26              |                        |                         |                             |                                 |
|       |                     | 5/17/2019         | 14.4                     | 136.84                   | 122.4                  |                         | 1.0                         | -0.4                            |
|       |                     | 5/24/2019         | 14.3                     |                          | 122.5                  |                         | 1.1                         | -0.3                            |
|       |                     | 5/31/2019         | 14.0                     |                          | 122.8                  |                         | 1.4                         | 0.0                             |
|       |                     | 6/7/2019          | 13.9                     |                          | 122.9                  |                         | 1.5                         | 0.1                             |
|       |                     | 6/14/2019         | 14.0                     |                          | 122.8                  |                         | 1.4                         | 0.0                             |
|       |                     | 6/21/2019         | 14.0                     |                          | 122.8                  |                         | 1.4                         | 0.0                             |
|       |                     | 6/28/2019         | 14.0                     |                          | 122.8                  |                         | 1.4                         | 0.0                             |
|       |                     | 7/5/2019          | 14.0                     |                          | 122.8                  |                         | 1.4                         | 0.0                             |
|       |                     | 7/12/2019         | 14.0                     |                          | 122.8                  |                         | 1.4                         | 0.0                             |
|       |                     | 7/19/2019         | 14.0                     |                          | 122.8                  |                         | 1.4                         | 0.0                             |
|       |                     | 7/26/2019         | 14.0                     |                          | 122.8                  |                         | 1.4                         | -0.1                            |
|       |                     | 8/2/2019          | 13.9                     |                          | 122.9                  |                         | 1.5                         | 0.0                             |
|       |                     | 8/9/2019          | 13.9                     |                          | 122.9                  |                         | 1.5                         | 0.0                             |
|       |                     | 8/16/2019         | 13.9                     |                          | 122.9                  |                         | 1.5                         | -0.1                            |
|       |                     | 8/23/2019         | 13.9                     |                          | 122.9                  |                         | 1.5                         | -0.1                            |
|       |                     | 8/30/2019         | 13.8                     |                          | 123.0                  |                         | 1.6                         | 0.0                             |
|       |                     |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring #       | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | MP 2-3 <sup>6</sup> | 7/21/2017         | 15.0                     | 141.05                   | DRY                    | 122.4                   | DRY                         |                                 |
|       |                     | 7/28/2017         | 15.0                     | top HDPE                 | DRY                    | See Note 8              | DRY                         |                                 |
|       |                     | 8/4/2017          | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 8/11/2017         | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 8/18/2017         | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 8/25/2017         | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 9/1/2017          | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 9/8/2017          | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 9/15/2017         | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 9/22/2017         | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 9/29/2017         | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 10/6/2017         | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 10/13/2017        | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 10/20/2017        | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 10/27/2017        | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 11/3/2017         | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 11/10/2017        | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 11/17/2017        | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 11/24/2017        | 15.0                     |                          | DRY                    |                         | DRY                         |                                 |
|       |                     | 12/1/2017         | -                        |                          | DRY                    | See Note 12             | DRY                         |                                 |
|       |                     | 12/8/2017         | 19.4                     | 142.3                    | 122.9                  |                         | 0.5                         |                                 |
|       |                     | 12/15/2017        | 19.6                     |                          | 122.7                  |                         | 0.3                         |                                 |
|       |                     | 12/22/2017        | 19.4                     |                          | 122.9                  |                         | 0.5                         |                                 |
|       |                     | 12/29/2017        | 19.5                     |                          | 122.8                  |                         | 0.4                         |                                 |
|       |                     | 1/5/2018          | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 1/12/2018         | 19.0                     |                          | 123.3                  |                         | 0.9                         |                                 |
|       |                     | 1/19/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 1/26/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 2/2/2018          | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 2/9/2018          | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 2/16/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 2/23/2018         | 19.3                     |                          | 123.0                  |                         | 0.6                         |                                 |
|       |                     | 3/2/2018          | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 3/9/2018          | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 3/16/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 3/23/2018         | 19.2                     |                          | 123.1                  |                         | 0.7                         |                                 |
|       |                     | 3/30/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 4/6/2018          | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 4/13/2018         | 19.0                     |                          | 123.3                  |                         | 0.9                         |                                 |
|       |                     | 4/20/2018         | 19.2                     |                          | 123.1                  |                         | 0.7                         |                                 |
|       |                     | 4/27/2018         | 19.2                     |                          | 123.1                  |                         | 0.7                         |                                 |
|       |                     | 5/4/2018          | 19.2                     |                          | 123.1                  |                         | 0.7                         |                                 |
|       |                     | 5/11/2018         | 19.2                     |                          | 123.1                  |                         | 0.7                         |                                 |
|       |                     | 5/18/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 5/25/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 6/1/2018          | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 6/8/2018          | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 6/15/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 6/22/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 6/29/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 7/6/2018          | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 7/13/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         |                                 |
|       |                     | 7/20/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 7/27/2018         | 19.2                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|       |                     | 8/3/2018          | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 8/10/2018         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 8/17/2018         | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 8/24/2018         | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 8/31/2018         | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 9/7/2018          | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 9/14/2018         | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 9/21/2018         | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 9/28/2018         | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |



**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase | Soil Boring #       | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
| II    | MP 2-3 <sup>6</sup> | 10/5/2018         | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 10/12/2018        | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 10/19/2018        | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 10/26/2018        | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 11/2/2018         | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 11/9/2018         | 18.8                     |                          | 123.5                  |                         | 1.1                         | 1.1                             |
|       |                     | 11/16/2018        | 18.8                     |                          | 123.5                  |                         | 1.1                         | 1.1                             |
|       |                     | 11/23/2018        | 18.7                     |                          | 123.6                  | See Note 24             | 1.2                         | 1.2                             |
|       |                     | 11/30/2018        | 18.8                     |                          | 123.5                  |                         | 1.1                         | 1.1                             |
|       |                     | 12/7/2018         | 19.4                     |                          | 122.9                  |                         | 0.5                         | 0.5                             |
|       |                     | 12/14/2018        | 19.5                     |                          | 122.8                  |                         | 0.4                         | 0.4                             |
|       |                     | 12/21/2018        | 18.8                     |                          | 123.5                  |                         | 1.1                         | 1.1                             |
|       |                     | 12/28/2018        | 18.8                     |                          | 123.5                  |                         | 1.1                         | 1.1                             |
|       |                     | 1/4/2019          | 18.6                     |                          | 123.7                  |                         | 1.3                         | 1.3                             |
|       |                     | 1/11/2019         | 18.5                     |                          | 123.8                  |                         | 1.4                         | 1.4                             |
|       |                     | 1/18/2019         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 1/25/2019         | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 2/1/2019          | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 2/8/2019          | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 2/15/2019         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 2/22/2019         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 3/1/2019          | 19.5                     |                          | 122.8                  |                         | 0.4                         | 0.4                             |
|       |                     | 3/8/2019          | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 3/15/2019         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 3/22/2019         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 3/29/2019         | 19.6                     |                          | 122.7                  |                         | 0.3                         | 0.3                             |
|       |                     | 4/5/2019          | 19.2                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|       |                     | 4/12/2019         | 19.4                     |                          | 122.9                  |                         | 0.5                         | 0.5                             |
|       |                     | 4/19/2019         | 19.5                     |                          | 122.8                  |                         | 0.4                         | 0.4                             |
|       |                     | 4/26/2019         | 19.6                     |                          | 122.7                  |                         | 0.3                         | 0.3                             |
|       |                     | 5/3/2019          | 19.6                     |                          | 122.7                  |                         | 0.3                         | 0.3                             |
|       |                     | 5/10/2019         | 19.6                     | See Note 26              | 122.7                  |                         | 0.3                         | 0.3                             |
|       |                     | 5/17/2019         | 19.5                     |                          | 122.8                  |                         | 0.4                         | 0.4                             |
|       |                     | 5/24/2019         | 19.6                     |                          | 122.7                  |                         | 0.3                         | 0.3                             |
|       |                     | 5/31/2019         | 19.2                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|       |                     | 6/7/2019          | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 6/14/2019         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 6/21/2019         | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 6/28/2019         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 7/5/2019          | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 7/12/2019         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 7/19/2019         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 7/26/2019         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 8/2/2019          | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 8/9/2019          | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     | 8/16/2019         | 18.9                     |                          | 123.4                  |                         | 1.0                         | 1.0                             |
|       |                     | 8/23/2019         | 19.0                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|       |                     | 8/30/2019         | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|       |                     |                   |                          |                          |                        |                         |                             |                                 |

**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

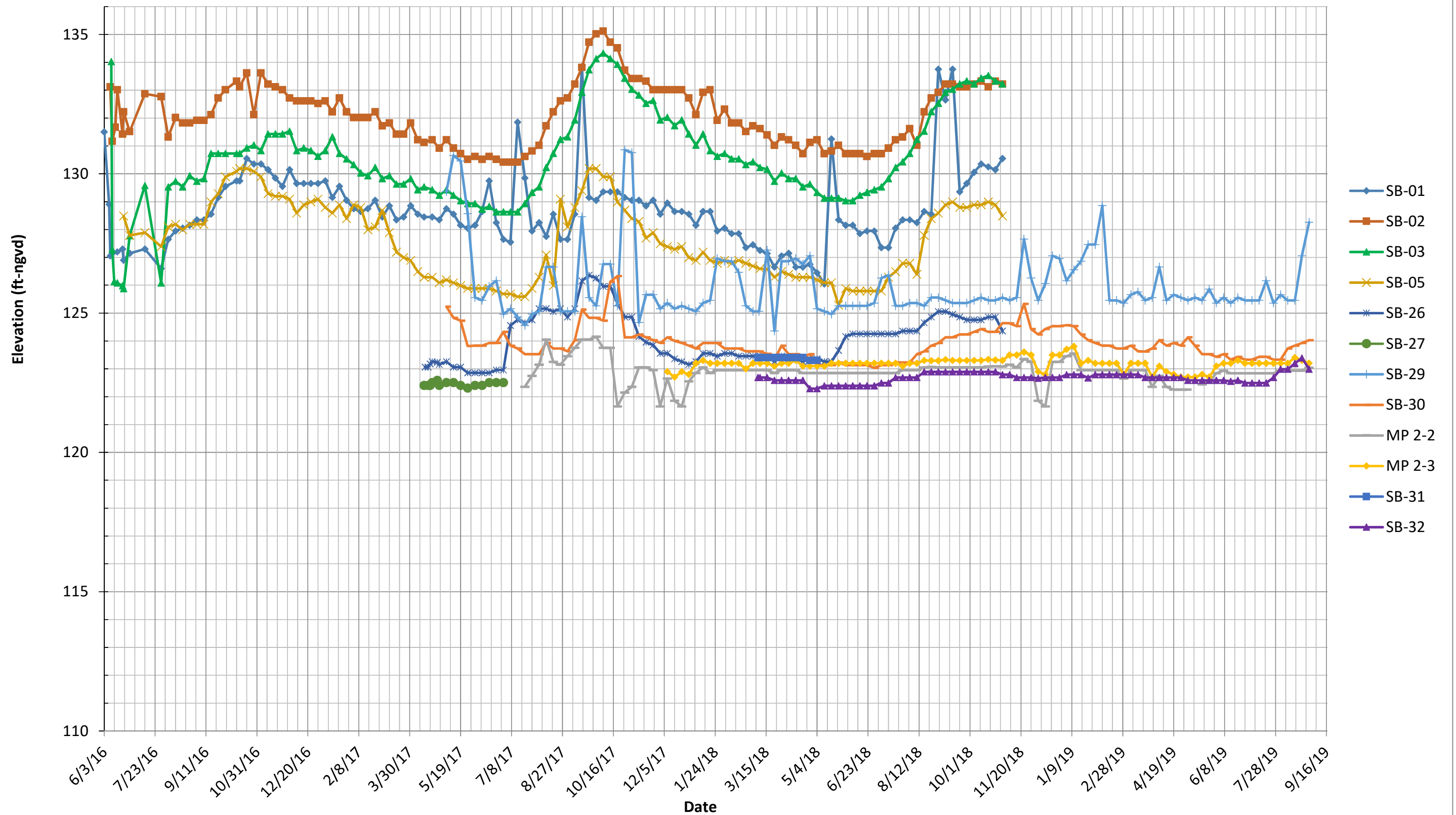
| Phase | Soil Boring # | Date <sup>1</sup> | Depth to water (ft tpvc) | Elevation Top PVC (NGVD) | Water Elevation (NGVD) | Top of Clay Elev (NGVD) | Liquid Depth Over Clay (ft) | Depth Change Previous Year (ft) |
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|
|-------|---------------|-------------------|--------------------------|--------------------------|------------------------|-------------------------|-----------------------------|---------------------------------|

Notes:

1. Water levels collected in SB-15 through SB-23D on 2/16/17 are prior to development.
2. Approximate elevations based on raw survey data.
3. Extended riser at SB-25D due to waste filling operations.
4. Lowered riser at SB-25D in order to conduct pump test.
5. Removed SB-27 during construction of cut-off trench the week of 7-10-2017. Replaced with MP-1 and MP-2.
6. Monitoring Points MP 2-2 and MP 2-3 are vertical HDPE risers installed in cutoff trench.
7. Installed pump at CO 2-2 on 8/11/2017. MP 2-2 may be affected by pumping.
8. Clay elevation at MP 2-3 is estimated based on bottom of trench survey points north and south of riser.
9. SB-25D appeared to be blocked on 9/1/2017. Investigations were conducted with an excavation that determined the piezometer is broken at 14' B.G.
10. Actively filling in the Phase IV area. SWMD extended risers at SB-23D and SB-23S.
11. Actively filling in the Phase IV and VI area. SWMD extended riser at SB-21D.
12. Construction activity at CO 2-1 on 12/1 adjusting depth of MP 2-3.
13. Pump at CO 2-2 turned off to evaluate effects of construction activity at cut-off trench.
14. SB-31 and SB-32 installed temporarily to monitor liquid level prior to excavation to determine accuracy of piezometers. Top of casing based on ground survey and measurement of stickup.
15. SB-23S was damaged after 2/2/2018 and staff has not been able to conduct liquid level measurements.
16. Slug tests on Series-2 piezometers. Levels may be artificially high. Water added on 3/28/18.
17. Extended riser at SB-22D due to waste filling operations. Added 10' on 4/22/18 and 8' on 5/11/2018.
18. SB-22D destroyed during waste filling operations in Phase VI.
19. SWMD excavated trench near SB-32 from 4/24/2018 - 4/30/2018 in order to locate Phase III header pipe and install cleanout riser.
20. SWMD excavated trench near SB-31 from 5/7/2018 - 5/15/2018 in order to locate Phase II header pipe and install cleanout riser. SB-31 removed on 5/11/2018.
21. Damage to SB-28D riser. Removed broken piece ~ 1.59'. Modified piezometer prior to 6/15/18.
22. PVC pipe at SB-23D sheared by landfill prior to 9/21/18 reading.
23. SB-01, 02, 03, 05, 26, P-19S, 23S and 23D were all abandoned prior to 11/9/18.
24. Power failure - DW-1 and DW-2 not pumping - allowed liquid level to increase in SB-29 and SB-30.
25. PVC pipe at SB-21D sheared by waste settlement prior to 12/14/18 reading.
26. Began construction of cut-off trench on 5/6/29. Liquid levels in MP 2-2 and MP 2-3 may be affected by dewatering efforts. Dewatering pumps set below top of clay near MP 2-2.

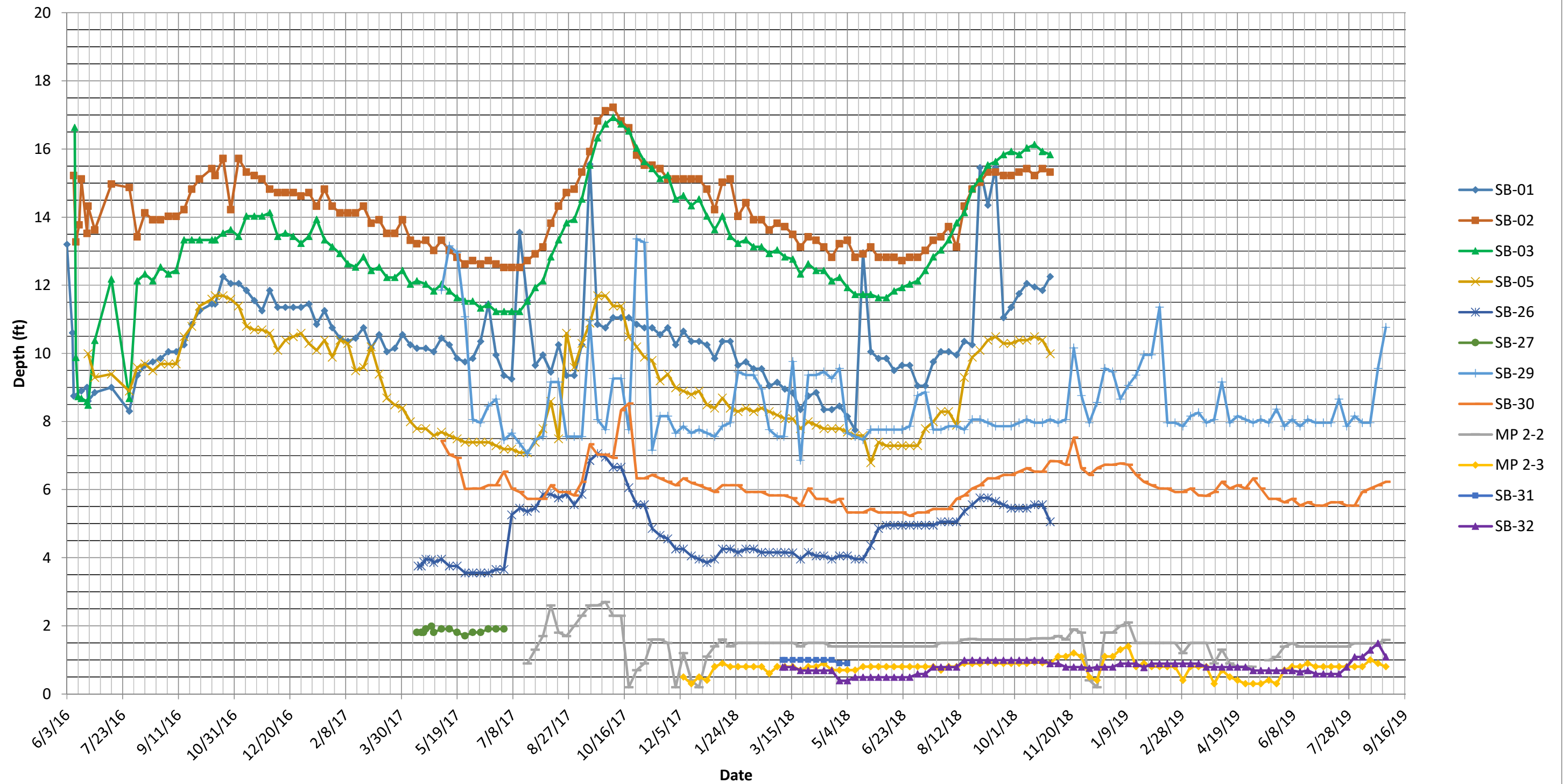
## Appendix B

### Liquid Elevation - Series 1



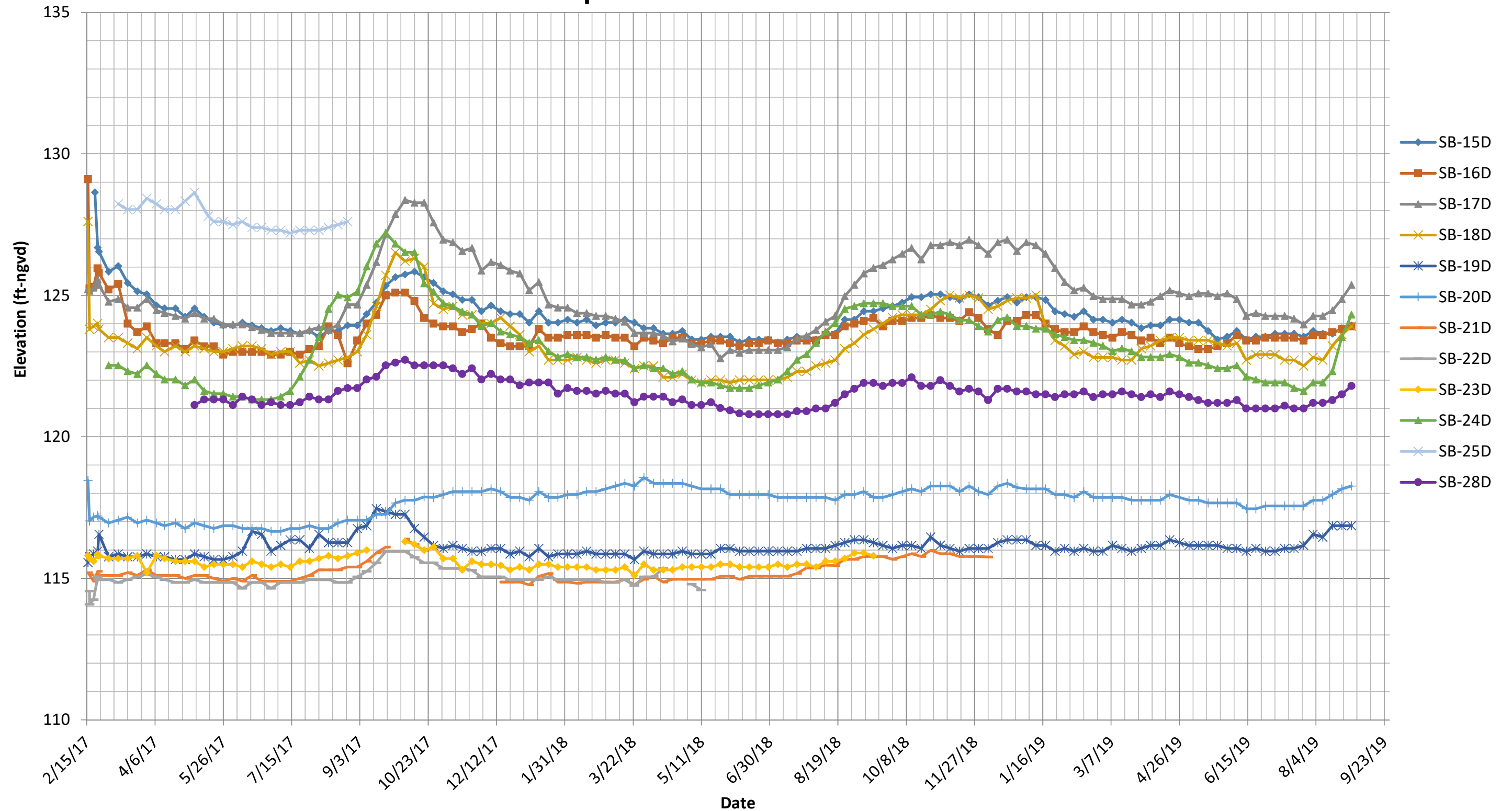
## Appendix B

### Liquid Depth - Series 1

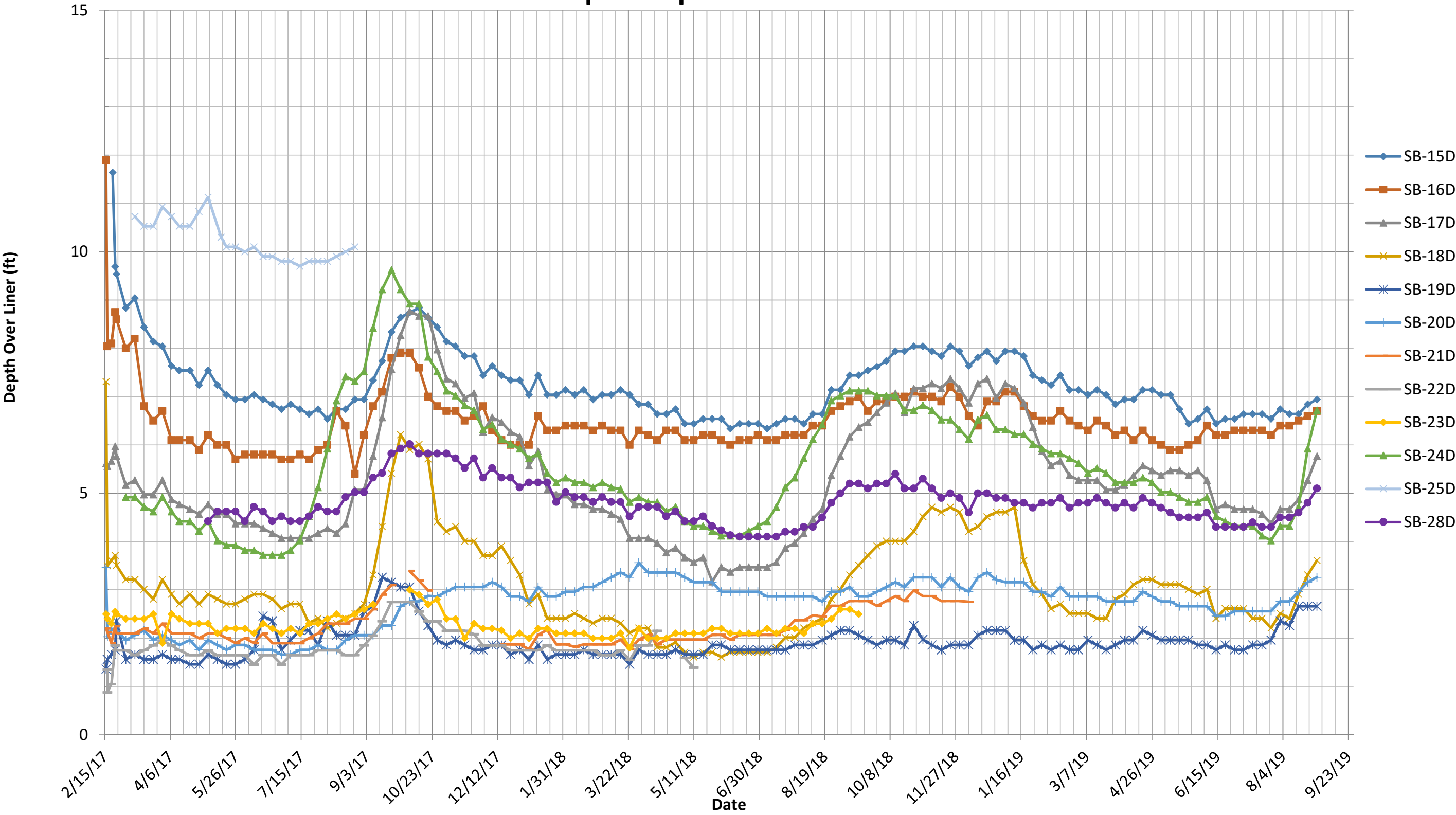


## Appendix B

### Liquid Elevation - Series 2



Appendix B  
Liquid Depth - Series 2

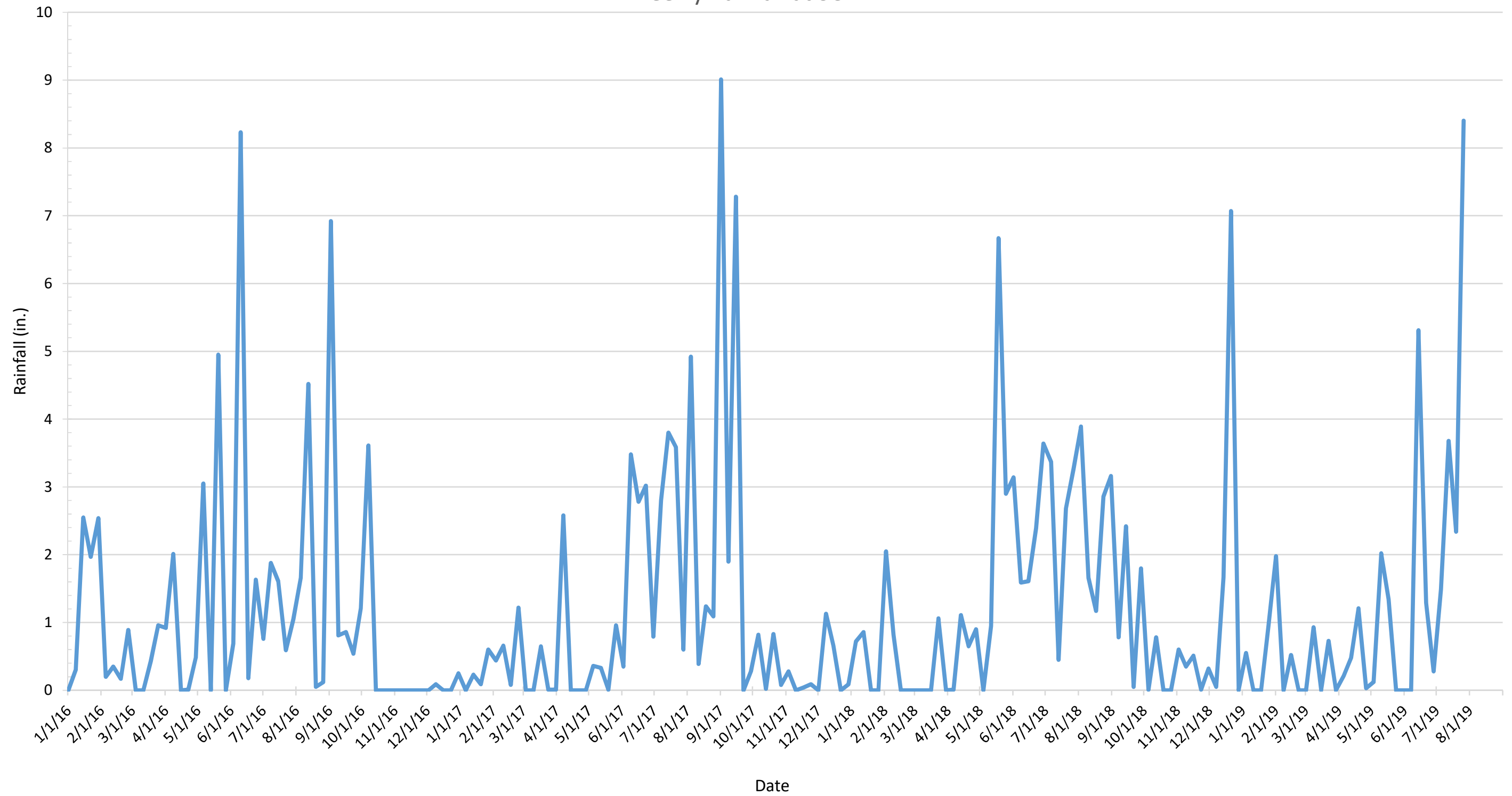


**Appendix B - Rainfall Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Week Ending | Rainfall (in.) | Week Ending | Rainfall (in.) | Week Ending | Rainfall (in.) | Week Ending | Rainfall (in.) |
|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|
| 1/1/16      | 0              | 1/6/17      | 0              | 1/5/18      | 0.72           | 1/4/19      | 0.55           |
| 1/8/16      | 0.3            | 1/13/17     | 0.23           | 1/12/18     | 0.86           | 1/11/19     | 0.00           |
| 1/15/16     | 2.55           | 1/20/17     | 0.09           | 1/19/18     | 0.00           | 1/18/19     | 0.00           |
| 1/22/16     | 1.97           | 1/27/17     | 0.6            | 1/26/18     | 0.00           | 1/25/19     | 0.96           |
| 1/29/16     | 2.54           | 2/3/17      | 0.44           | 2/2/18      | 2.05           | 2/1/19      | 1.98           |
| 2/5/16      | 0.2            | 2/10/17     | 0.66           | 2/9/18      | 0.82           | 2/8/19      | 0.00           |
| 2/12/16     | 0.35           | 2/17/17     | 0.08           | 2/16/18     | 0.00           | 2/15/19     | 0.52           |
| 2/19/16     | 0.17           | 2/24/17     | 1.22           | 2/23/18     | 0.00           | 2/22/19     | 0.00           |
| 2/26/16     | 0.89           | 3/3/17      | 0              | 3/2/18      | 0.00           | 3/1/19      | 0.00           |
| 3/4/16      | 0              | 3/10/17     | 0              | 3/9/18      | 0.00           | 3/8/19      | 0.93           |
| 3/11/16     | 0              | 3/17/17     | 0.65           | 3/16/18     | 0.00           | 3/15/19     | 0.00           |
| 3/18/16     | 0.43           | 3/24/17     | 0.01           | 3/23/18     | 1.06           | 3/22/19     | 0.73           |
| 3/25/16     | 0.96           | 3/31/17     | 0.01           | 3/30/18     | 0.00           | 3/29/19     | 0.00           |
| 4/1/16      | 0.92           | 4/7/17      | 2.58           | 4/6/18      | 0.01           | 4/5/19      | 0.21           |
| 4/8/16      | 2.01           | 4/14/17     | 0              | 4/13/18     | 1.11           | 4/12/19     | 0.48           |
| 4/15/16     | 0              | 4/21/17     | 0              | 4/20/18     | 0.65           | 4/19/19     | 1.21           |
| 4/22/16     | 0.01           | 4/28/17     | 0              | 4/27/18     | 0.90           | 4/26/19     | 0.03           |
| 4/29/16     | 0.48           | 5/5/17      | 0.36           | 5/4/18      | 0.00           | 5/3/19      | 0.12           |
| 5/6/16      | 3.05           | 5/12/17     | 0.33           | 5/11/18     | 0.95           | 5/10/19     | 2.02           |
| 5/13/16     | 0              | 5/19/17     | 0.01           | 5/18/18     | 6.67           | 5/17/19     | 1.34           |
| 5/20/16     | 4.95           | 5/26/17     | 0.96           | 5/25/18     | 2.90           | 5/24/19     | 0.00           |
| 5/27/16     | 0              | 6/2/17      | 0.35           | 6/1/18      | 3.14           | 5/31/19     | 0.00           |
| 6/3/16      | 0.69           | 6/9/17      | 3.48           | 6/8/18      | 1.59           | 6/7/19      | 0.00           |
| 6/10/16     | 8.23           | 6/16/17     | 2.78           | 6/15/18     | 1.61           | 6/14/19     | 5.31           |
| 6/17/16     | 0.18           | 6/23/17     | 3.02           | 6/22/18     | 2.39           | 6/21/19     | 1.29           |
| 6/24/16     | 1.63           | 6/30/17     | 0.79           | 6/29/18     | 3.64           | 6/28/19     | 0.28           |
| 7/1/16      | 0.76           | 7/7/17      | 2.8            | 7/6/18      | 3.37           | 7/5/19      | 1.49           |
| 7/8/16      | 1.88           | 7/14/17     | 3.8            | 7/13/18     | 0.45           | 7/12/19     | 3.68           |
| 7/15/16     | 1.61           | 7/21/17     | 3.59           | 7/20/18     | 2.68           | 7/19/19     | 2.34           |
| 7/22/16     | 0.59           | 7/28/17     | 0.6            | 7/27/18     | 3.27           | 7/26/19     | 8.40           |
| 7/29/16     | 1.05           | 8/4/17      | 4.92           | 8/3/18      | 3.89           | 8/2/19      | 2.60           |
| 8/5/16      | 1.66           | 8/11/17     | 0.39           | 8/10/18     | 1.66           | 8/9/19      | 2.17           |
| 8/12/16     | 4.52           | 8/18/17     | 1.24           | 8/17/18     | 1.17           | 8/16/19     | 3.90           |
| 8/19/16     | 0.05           | 8/25/17     | 1.09           | 8/24/18     | 2.86           | 8/23/19     | 0.00           |
| 8/26/16     | 0.12           | 9/1/17      | 9.01           | 8/31/18     | 3.16           | 8/30/19     | 2.58           |
| 9/2/16      | 6.92           | 9/8/17      | 1.9            | 9/7/18      | 0.78           |             |                |
| 9/9/16      | 0.81           | 9/15/17     | 7.28           | 9/14/18     | 2.42           |             |                |
| 9/16/16     | 0.86           | 9/22/17     | 0              | 9/21/18     | 0.05           |             |                |
| 9/23/16     | 0.54           | 9/29/17     | 0.28           | 9/28/18     | 1.80           |             |                |
| 9/30/16     | 1.21           | 10/6/17     | 0.82           | 10/5/18     | 0.01           |             |                |
| 10/7/16     | 3.61           | 10/13/17    | 0.02           | 10/12/18    | 0.78           |             |                |
| 10/14/16    | 0              | 10/20/17    | 0.83           | 10/19/18    | 0.00           |             |                |
| 10/21/16    | 0              | 10/27/17    | 0.08           | 10/26/18    | 0.00           |             |                |
| 10/28/16    | 0              | 11/3/17     | 0.28           | 11/2/18     | 0.60           |             |                |
| 11/4/16     | 0              | 11/10/17    | 0              | 11/9/18     | 0.35           |             |                |
| 11/11/16    | 0              | 11/17/17    | 0.04           | 11/16/18    | 0.51           |             |                |
| 11/18/16    | 0              | 11/24/17    | 0.09           | 11/23/18    | 0.01           |             |                |
| 11/25/16    | 0              | 12/1/17     | 0              | 11/30/18    | 0.32           |             |                |
| 12/2/16     | 0              | 12/8/17     | 1.13           | 12/7/18     | 0.05           |             |                |
| 12/9/16     | 0.09           | 12/15/17    | 0.66           | 12/14/18    | 1.67           |             |                |
| 12/16/16    | 0              | 12/22/17    | 0              | 12/21/18    | 7.07           |             |                |
| 12/23/16    | 0              | 12/29/17    | 0.09           | 12/28/18    | 0.00           |             |                |
| 12/30/16    | 0.25           |             |                |             |                |             |                |



Appendix B  
Weekly Rainfall at SCLF







## **Appendix C**

### **August 2019 Water Balance**



**SOLID WASTE MANAGEMENT**

PO Box 1110 Tampa, FL 33601-1110  
813-272-5680

**MEMORANDUM**

**DATE:** September 9, 2019

**TO:** Larry E. Ruiz, Manager Landfill Operations, Solid Waste Management Division

**FROM:** Ron W. Wiesman, Manager, Solid Waste Management Division

**SUBJECT:** Leachate Water Balance Report Forms for August 2019  
Southeast County Landfill, Hillsborough County, Florida

The Solid Waste Management Division (SWMD) staff has compiled and reviewed the leachate management operational data from the Southeast County Landfill Phases I-VI, Sections 7-8, and Section 9. Attached are the Leachate Water Balance Report Form (Table 1), the Leachate Field Data Entry Form (Table 2), and the 2019 Summary (Table 3). Also, attached find Figure 1 showing leachate levels in Pump Station B sump of Phases I-VI and rainfall for the month.

**TABLE 1**

**Day (Column I)**

Column I presents the calendar days for the month.

**Rainfall (Column II)**

Column II presents the average rainfall, in inches, as measured in the field from rainfall stations at the site. This month there was 10.78 inches of rainfall recorded at the Southeast County Landfill (SCLF).

**Depth in Pond A (Column III)**

Column III presents the daily depth, in feet, of effluent stored in effluent pond (Pond A). The daily depth in Pond A varies as a function of the spray irrigation frequency/duration and effluent hauled from the pond. This month there was no effluent stored in Pond A.

**Depth in Pond B (Column IV)**

Column IV presents the daily depth, in feet, of effluent or leachate that is stored in the effluent/leachate storage pond (Pond B). The depth in Pond B varies as a function of the evaporation frequency/duration and effluent or leachate hauled from the pond. This month the daily average depth of leachate in Pond B was 3.4 feet.

**BOARD OF COUNTY  
COMMISSIONERS**

Ken Hagan  
Pat Kemp  
Lesley "Les" Miller, Jr.  
Sandra L. Murman  
Kimberly Overman  
Mariella Smith  
Stacy R. White

**COUNTY ADMINISTRATOR**

Michael S. Merrill

**COUNTY ATTORNEY**

Christine M. Beck

**INTERNAL AUDITOR**

Peggy Caskey

**INFRASTRUCTURE SERVICES**

**ADMINISTRATOR**

John Lyons

**Estimated Depth at Pump Station B Sump (PS-B) (Column V)**

Column V presents the depth of leachate, in inches, in the PS-B sump. Leachate from Phases I-VI flows to the PS-B sump for removal from the landfill. PS-B then pumps the leachate to Pump Station A (PS-A). Daily depth readings from the PS-B sump are included in this column. The number recorded on the seventeenth and twenty-seventh was caused by the leachate storage tank reaching high level, after a couple of loads of leachate were hauled the measurements returned to normal. The average recorded depth of leachate in the PS-B sump was 16.8 inches.

**Leachate Pumped to MLPS from Phases I-VI (Column VI)**

Column VI presents the daily amount of leachate, in gallons, collected from PS-A and pumped through the MLPS to the 575,000-gallon storage tank at the Leachate Treatment and Reclamation Facility (LTRF) for treatment or disposal. This column also includes the Phase II data from the dewatering wells and PS-2. The average daily amount of leachate pumped from PS-A was 133,021 gallons. A total of 4,123,659 gallons of leachate was pumped this month.

**Leachate Pumped from Sections 7-8 LDS (Column VII)**

Column VII presents the quantity of leachate removed from the leak detection system (LDS) of Sections 7-8. The quantity is measured by a flow meter before being pumped for removal with Sections 7-8 leachate. The removal rate did not exceed 1,930 gallons per day. This month 5,787 gallons of leachate was removed from the leak detection system of Sections 7-8.

**Leachate Pumped to MLPS from Sections 7-8 (Column VIII)**

Column VIII presents the quantity of leachate collected at Sections 7-8 and pumped to the MLPS. The quantity is measured by a flow meter and includes any leachate removed from the leak detection system of Sections 7-8 (Column VII). This month a total of 854,886 gallons was removed.

**Leachate Pumped to LTRF from the MLPS (Column IX)**

Column IX presents the total quantity of leachate pumped to the LTRF from Phases I-VI (including condensate removed from LFG Wells and Condensate Traps), and Sections 7-8. This month a total of 4,978,545 gallons of leachate was pumped to the LTRF.

**Leachate Pumped to LTRF from Section 9 (Column X)**

Column X presents the daily amount of leachate, in gallons, collected from Section 9 and pumped to the 575,000-gallon storage tank at the Leachate Treatment and Reclamation Facility (LTRF) for treatment or disposal. A total of 522,029 gallons of leachate was pumped this month.

**Leachate Pumped from Section 9 LDS (Column XI)**

Column XI presents the daily amount of leachate, in gallons, collected from the LDS of Section 9 and pumped to the 575,000-gallon storage tank at the LTRF for treatment or disposal. The removal rate did not exceed 4,651 gallons per day. This month zero gallons was removed from the leak detection system.

**Leachate Pumped from Compost Area Sump (Column XII)**

Column XII presents the total quantity of leachate pumped to the LTRF and Pond B from the Compost Project Area Sump. This month 255,600 gallons of leachate was removed from the compost area and pumped to the LTRF.

**Leachate in 575,000-Gallon Tank (Column XIII)**

Column XIII presents the daily amount of leachate, in gallons, stored in the 575,000-gallon leachate holding tank T1 at the LTRF. The amount of leachate stored in T1 is calculated based on the circumference of the tank and the daily level reading. This month leachate was not stored in the tank.

**Effluent in 575,000-Gallon Tank (Column XIV)**

Column XIV typically presents the daily amount of effluent, in gallons, stored in the 575,000-gallon effluent holding tank T6 at the LTRF. The SWMD began storing leachate in this tank in June 2018. The amount of effluent/leachate stored in T6 is calculated based on the circumference of the tank and the daily level reading. This month an average of 432,100 gallons of leachate was stored in the tank.

**Leachate Treated at LTRF (Column XV)**

Column XV presents the daily amount of leachate, in gallons, treated at the LTRF. On August 16, 2018, plant staff began shutting down operations for upcoming permit required tank inspections. This month leachate was not treated at the plant.

**Total Leachate Hauled (Column XVI)**

Column XVI presents the daily amount of leachate, in gallons, hauled off site. This month a total of 5,365,060 gallons of leachate was hauled off site.

**Leachate Dust Control Sprayed (Column XVII)**

Column XVII presents the daily amount of leachate, in gallons, measured from the flow meter at the bypass-loading arm at the leachate storage tank. The leachate is used for dust control in the active area of the landfill. This month leachate was not used for dust control.

**Pond A Storage (Column XVIII)**

Column XVIII presents the daily amount of effluent, in gallons, stored in Pond A. The daily amount stored in the pond is calculated by using the daily depth of effluent in the Pond A (Column III). Under normal operating conditions, the daily amount of effluent stored in the pond varies depending upon the daily amount of leachate treated at the LTRF, the daily rainfall, daily effluent hauling operations, daily spray irrigation operations, and the daily amount of effluent used for dust control/evaporation. This month effluent was not stored in Pond A.

**Pond B Storage (Column XIX)**

Column XIX presents the daily amount of effluent, in gallons, stored in Pond B. The daily amount stored in the pond is calculated by using the daily depth of liquid in Pond B (Column IV). Under normal operating conditions, the amount stored in the pond will vary depending upon the daily amount of leachate/effluent removed from the pond by the evaporation system, hauled from the pond, used for dust control or evaporated; was stored in Pond B. This month an average of 207,800 gallons per day of leachate was stored in Pond B.

**Effluent Sprayed at Pond B (Column XX)**

Column XX presents the daily amount of effluent, in gallons, sprayed for evaporation at Pond B. The amount evaporated is calculated by using 5 percent of the daily flow meter quantity sprayed at Pond B and it is included in Column XX. This month effluent was not sprayed in Pond B.

**Effluent Irrigation (Column XXI)**

Column XXI presents the daily amount of effluent, in gallons, used for spray irrigation on top of Phases IV-VI. The daily amount of effluent irrigation on Phases I-VI is measured from the flow meter at the irrigation pump station. This month effluent was not used for spray irrigation.

**Effluent Dust Control Sprayed (Column XXII)**

Column XXII presents the daily amount of effluent, in gallons, sprayed for dust control in the active areas of the SCLF. The daily amount of effluent used for dust control, is measured from the flow meter at the bypass-loading arm. This month effluent was not sprayed as dust control.

**Total Effluent Hauled (Column XXIII)**

Column XXIII presents the daily amount of effluent, in gallons, hauled off site, as measured from the flow meter at the bypass-loading arm. This month effluent was not hauled off site.

**Total Evaporation (Column XXIV)**

Column XXIV presents the daily amount of leachate and effluent, in gallons, that evaporates and therefore will not be returned to the SCLF and/or requires treatment. Evaporation rates of 80 percent and 5 percent evaporation rate for spray in Pond B are assumed. Total evaporation estimated for this month was zero gallons.

**TABLE 2**

Table 2 presents data assembled from daily logs compiled by the SWMD staff.

**TABLE 3**

**Leachate Balance Summary**

The Leachate Balance Summary (see Table 3) presents a review of inflow and outflow quantities for the LTRF, as well as rainfall and effluent disposal quantities at the landfill. Total inflow quantity to the LTRF was 5,779,763 gallons. Total outflow quantity from the LTRF was 5,365,060 gallons. The change in storage for the month decreased by 414,703 gallons.

Please advise should you have any questions concerning the information provided.

**TABLE 1. LEACHATE WATER BALANCE REPORT FORM**  
**AUGUST 2019**  
**SOUTHEAST COUNTY LANDFILL, HILLSBOROUGH COUNTY, FLORIDA**

| I             | II                | III                               | IV                                | V                                         | VI                                                          | VII                                                      | VIII                                                         | IX                                                   | X                                                                | XI                                                    | XII                           | XIII                                     | XIV                                      | XV                                          | XVI                                   | XVII                                            | XVIII                          | XIX                            | XX                                         | XXI                              | XXII                                            | XXIII                                 | XXIV                           |
|---------------|-------------------|-----------------------------------|-----------------------------------|-------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|-------------------------------|------------------------------------------|------------------------------------------|---------------------------------------------|---------------------------------------|-------------------------------------------------|--------------------------------|--------------------------------|--------------------------------------------|----------------------------------|-------------------------------------------------|---------------------------------------|--------------------------------|
| Day           | Rainfall<br>(in.) | Depth<br>in<br>Pond<br>A<br>(ft.) | Depth<br>in<br>Pond<br>B<br>(ft.) | Estimated<br>Depth<br>at<br>PS-B<br>(in.) | Leachate<br>Pumped<br>to MLPS<br>from Phases I-VI<br>(gal.) | Leachate<br>Pumped from<br>Sections 7-8<br>LDS<br>(gal.) | Leachate<br>Pumped<br>to MLPS from<br>Sections 7-8<br>(gal.) | Leachate<br>Pumped<br>to LTRF from<br>MLPS<br>(gal.) | Leachate<br>Pumped<br>to LTRF from<br>Section 9<br>LDS<br>(gal.) | Leachate<br>Pumped from<br>Section 9<br>LDS<br>(gal.) | Compost<br>Leachate<br>(gal.) | Leachate<br>in<br>575K<br>Tank<br>(gal.) | Effluent<br>in<br>575K<br>Tank<br>(gal.) | Leachate<br>Treated<br>at<br>LTRF<br>(gal.) | Total<br>Leachate<br>Hauled<br>(gal.) | Leachate<br>Dust Control<br>(Sprayed)<br>(gal.) | Pond<br>A<br>Storage<br>(gal.) | Pond<br>B<br>Storage<br>(gal.) | Effluent<br>Sprayed<br>Pond<br>B<br>(gal.) | Effluent<br>Irrigation<br>(gal.) | Effluent<br>Dust Control<br>(Sprayed)<br>(gal.) | Total<br>Effluent<br>Hauled<br>(gal.) | Total<br>Evaporation<br>(gal.) |
| 1             | 0.50              | 0.0                               | 3.1                               | 16.2                                      | 106,496                                                     | 0                                                        | 0                                                            | 106,496                                              | 13,688                                                           | 0                                                     | 0                             | 0                                        | 350,000                                  |                                             | 236,452                               | 0                                               | 0                              | 182,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 2             | 0.85              | 0.0                               | 4.0                               | 20.6                                      | 103,862                                                     | 75                                                       | 23,111                                                       | 126,973                                              | 14,510                                                           |                                                       | 116,300                       | 0                                        | 295,000                                  |                                             | 221,708                               | 0                                               | 0                              | 267,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 3             | 0.09              | 0.0                               | 3.8                               | 13.9                                      | 123,453                                                     | 111                                                      | 15,545                                                       | 138,998                                              | 16,156                                                           | 0                                                     | 0                             | 0                                        | 240,000                                  |                                             | 169,305                               | 0                                               | 0                              | 256,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 4             | 0.00              | 0.0                               | 3.8                               | 16.2                                      | 125,027                                                     | 213                                                      | 30,352                                                       | 155,379                                              | 16,555                                                           | 0                                                     | 27,050                        | 0                                        | 333,000                                  |                                             | 185,405                               | 0                                               | 0                              | 256,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 5             | 0.77              | 0.0                               | 2.5                               | 18.4                                      | 121,716                                                     | 213                                                      | 30,352                                                       | 152,068                                              | 16,555                                                           | 0                                                     | 27,050                        | 0                                        | 427,000                                  |                                             | 185,943                               | 0                                               | 0                              | 124,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 6             | 0.15              | 0.0                               | 3.1                               | 19.7                                      | 118,897                                                     | 36                                                       | 25,150                                                       | 144,047                                              | 16,527                                                           | 0                                                     | 85,200                        | 0                                        | 403,000                                  |                                             | 199,889                               | 0                                               | 0                              | 182,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 7             | 1.15              | 0.0                               | 3.0                               | 20.6                                      | 120,062                                                     | 227                                                      | 7,064                                                        | 127,126                                              | 14,969                                                           | 0                                                     | 0                             | 0                                        | 345,000                                  |                                             | 163,219                               | 0                                               | 0                              | 172,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 8             | 0.00              | 0.0                               | 3.2                               | 11.5                                      | 122,050                                                     | 452                                                      | 41,755                                                       | 163,805                                              | 15,667                                                           | 0                                                     | 0                             | 0                                        | 350,000                                  |                                             | 170,896                               | 0                                               | 0                              | 192,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 9             | 0.01              | 0.0                               | 3.2                               | 7.9                                       | 119,451                                                     | 378                                                      | 29,781                                                       | 149,232                                              | 17,877                                                           | 0                                                     | 0                             | 0                                        | 353,000                                  |                                             | 157,626                               | 0                                               | 0                              | 192,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 10            | 1.02              | 0.0                               | 3.2                               | 14.1                                      | 127,450                                                     | 689                                                      | 29,999                                                       | 157,449                                              | 16,369                                                           | 0                                                     | 0                             | 0                                        | 360,000                                  |                                             | 141,029                               | 0                                               | 0                              | 192,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 11            | 0.15              | 0.0                               | 3.2                               | 16.6                                      | 136,405                                                     | 157                                                      | 5,726                                                        | 142,131                                              | 17,528                                                           | 0                                                     | 0                             | 0                                        | 372,000                                  |                                             | 154,607                               | 0                                               | 0                              | 192,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 12            | 0.58              | 0.0                               | 3.2                               | 19.0                                      | 135,871                                                     | 157                                                      | 5,726                                                        | 141,597                                              | 17,528                                                           | 0                                                     | 0                             | 0                                        | 384,000                                  |                                             | 154,062                               | 0                                               | 0                              | 192,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 13            | 0.57              | 0.0                               | 3.3                               | 19.3                                      | 136,229                                                     | 0                                                        | 78,792                                                       | 215,021                                              | 9,634                                                            | 0                                                     | 0                             | 0                                        | 437,000                                  |                                             | 165,776                               | 0                                               | 0                              | 202,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 14            | 0.72              | 0.0                               | 3.3                               | 9.5                                       | 138,648                                                     | 0                                                        | 35,426                                                       | 174,074                                              | 0                                                                | 0                                                     | 0                             | 0                                        | 413,000                                  |                                             | 187,448                               | 0                                               | 0                              | 202,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 15            | 0.53              | 0.0                               | 3.4                               | 19.4                                      | 142,546                                                     | 0                                                        | 2,806                                                        | 145,352                                              | 49,257                                                           | 0                                                     | 0                             | 0                                        | 437,000                                  |                                             | 161,834                               | 0                                               | 0                              | 213,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 16            | 0.33              | 0.0                               | 3.4                               | 9.0                                       | 127,859                                                     | 0                                                        | 45,197                                                       | 173,056                                              | 28,823                                                           | 0                                                     | 0                             | 0                                        | 518,000                                  |                                             | 128,831                               | 0                                               | 0                              | 213,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 17            | 0.00              | 0.0                               | 3.4                               | 24.9                                      | 135,686                                                     | 0                                                        | 10,606                                                       | 146,292                                              | 12,526                                                           | 0                                                     | 0                             | 0                                        | 533,000                                  |                                             | 176,029                               | 0                                               | 0                              | 213,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 18            | 0.00              | 0.0                               | 3.4                               | 20.4                                      | 143,588                                                     | 0                                                        | 10,860                                                       | 154,448                                              | 22,240                                                           | 0                                                     | 0                             | 0                                        | 511,000                                  |                                             | 191,769                               | 0                                               | 0                              | 213,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 19            | 0.00              | 0.0                               | 3.4                               | 15.9                                      | 148,297                                                     | 0                                                        | 10,860                                                       | 159,157                                              | 22,240                                                           | 0                                                     | 0                             | 0                                        | 489,000                                  |                                             | 171,698                               | 0                                               | 0                              | 213,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 20            | 0.00              | 0.0                               | 3.4                               | 13.5                                      | 144,416                                                     | 7                                                        | 85,413                                                       | 229,829                                              | 21,570                                                           | 0                                                     | 0                             | 0                                        | 425,000                                  |                                             | 194,467                               | 0                                               | 0                              | 213,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 21            | 0.00              | 0.0                               | 3.4                               | 14.1                                      | 135,879                                                     | 0                                                        | 56,624                                                       | 192,503                                              | 32,682                                                           | 0                                                     | 0                             | 0                                        | 453,000                                  |                                             | 178,409                               | 0                                               | 0                              | 213,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 22            | 0.00              | 0.0                               | 3.4                               | 13.4                                      | 140,093                                                     | 0                                                        | 13,957                                                       | 154,050                                              | 16,418                                                           | 0                                                     | 0                             | 0                                        | 449,000                                  |                                             | 155,994                               | 0                                               | 0                              | 213,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 23            | 0.00              | 0.0                               | 3.4                               | 14.6                                      | 161,938                                                     | 0                                                        | 56,415                                                       | 218,353                                              | 17,604                                                           | 0                                                     | 0                             | 0                                        | 499,000                                  |                                             | 186,338                               | 0                                               | 0                              | 213,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 24            | 0.00              | 0.0                               | 3.4                               | 14.4                                      | 133,840                                                     | 0                                                        | 10,529                                                       | 144,369                                              | 10,819                                                           | 0                                                     | 0                             | 0                                        | 489,000                                  |                                             | 199,909                               | 0                                               | 0                              | 213,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 25            | 0.00              | 0.0                               | 3.4                               | 13.5                                      | 141,500                                                     | 0                                                        | 34,657                                                       | 176,157                                              | 12,212                                                           | 0                                                     | 0                             | 0                                        | 506,000                                  |                                             | 161,590                               | 0                                               | 0                              | 202,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 26            | 1.65              | 0.0                               | 3.3                               | 12.5                                      | 143,918                                                     | 0                                                        | 34,657                                                       | 178,575                                              | 12,212                                                           | 0                                                     | 0                             | 0                                        | 523,000                                  |                                             | 163,329                               | 0                                               | 0                              | 202,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 27            | 0.90              | 0.0                               | 3.4                               | 54.9                                      | 103,042                                                     | 0                                                        | 26,082                                                       | 129,124                                              | 9,327                                                            | 0                                                     | 0                             | 0                                        | 482,000                                  |                                             | 171,278                               | 0                                               | 0                              | 213,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 28            | 0.03              | 0.0                               | 3.5                               | 13.1                                      | 165,896                                                     | 1,632                                                    | 24,805                                                       | 190,701                                              | 12,290                                                           | 0                                                     | 0                             | 0                                        | 521,000                                  |                                             | 191,383                               | 0                                               | 0                              | 223,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 29            | 0.00              | 0.0                               | 3.5                               | 14.6                                      | 144,058                                                     | 860                                                      | 24,342                                                       | 168,400                                              | 12,143                                                           | 0                                                     | 0                             | 0                                        | 482,000                                  |                                             | 155,885                               | 0                                               | 0                              | 223,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 30            | 0.00              | 0.0                               | 3.5                               | 15.5                                      | 134,362                                                     | 314                                                      | 23,543                                                       | 157,905                                              | 12,758                                                           | 0                                                     | 0                             | 0                                        | 509,000                                  |                                             | 133,381                               | 0                                               | 0                              | 223,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| 31            | 0.78              | 0.0                               | 3.5                               | 14.3                                      | 141,127                                                     | 266                                                      | 24,756                                                       | 165,883                                              | 13,348                                                           | 0                                                     | 0                             | 0                                        | 506,000                                  |                                             | 149,571                               | 0                                               | 0                              | 223,000                        | 0                                          | 0                                | 0                                               | 0                                     | 0                              |
| Total         | 10.78             |                                   |                                   |                                           | 4,123,659                                                   | 5,787                                                    | 854,886                                                      | 4,978,545                                            | 522,029                                                          | 0                                                     | 255,600                       |                                          |                                          | 0                                           | 5,365,060                             | 0                                               |                                |                                | 0                                          | 0                                |                                                 | 0                                     | 0                              |
| Daily Average |                   | 0.0                               | 3.4                               | 16.8                                      | 133,021                                                     | 187                                                      | 27,577                                                       | 160,598                                              | 16,840                                                           | 0                                                     | 8,245                         | 0                                        | 432,100                                  |                                             |                                       |                                                 | 0                              | 207,800                        |                                            |                                  |                                                 |                                       |                                |
| Mo. Average   |                   |                                   |                                   |                                           |                                                             |                                                          |                                                              |                                                      |                                                                  |                                                       |                               |                                          |                                          |                                             |                                       | 0                                               |                                |                                |                                            | 0                                |                                                 | 0                                     | 0                              |

balance/2019/08-19bal.xls

- Notes:
1. NR = No Records, NA = Not Available.
  2. Values in bold are estimated; values in italic are substitute for missing data and are based on averaged values.
  3. Daily average is calculated by dividing the total by the actual days measured in the month.
  4. Monthly average calculated by dividing the total by the number of days of the month.
  5. Column II, Trace is less than 0.01 inches and is not included in total.
  6. Columns III and IV, field measured at staff gauges.
  7. Columns VII & VIII, Section 7-8 leak detection pumped into Section 7 leachate sump riser.
  8. Column XIII and XIV, calculated from depth in 575,000 gal. tanks.
  9. Columns VI-XII, XVI, and XX-XXIV, quantities from flow meters.
  10. Column XXIV includes 80% of the daily values from Columns XVII, XXI - XXII, plus 5% of the daily values from column XX.

**TABLE 2. FIELD DATA ENTRY FORM  
AUGUST 2019  
SOUTHEAST COUNTY LANDFILL, HILLSBOROUGH COUNTY, FLORIDA**

| A      | B                 | C                                   | D                        | E                             | F                             | G                          | H                             | I                              | J                             | K                        | L                                      | M                        | N                                         | O                                          | P                                          | Q                                        | R                    | S                | T                                               | U                    | V                | W                                              |
|--------|-------------------|-------------------------------------|--------------------------|-------------------------------|-------------------------------|----------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------|----------------------------------------|--------------------------|-------------------------------------------|--------------------------------------------|--------------------------------------------|------------------------------------------|----------------------|------------------|-------------------------------------------------|----------------------|------------------|------------------------------------------------|
| Day    | Rainfall<br>(in.) | Flow Meter<br>Pump Sta. A<br>(gal.) | Reading<br>PS-B<br>(in.) | Section 9<br>Pump 1<br>(gal.) | Section 9<br>Pump 2<br>(gal.) | Section 9<br>LDS<br>(gal.) | Compost<br>Leachate<br>(gal.) | Sections 7-8<br>Pump<br>(gal.) | Sections 7-8<br>LDS<br>(gal.) | Pond B<br>Depth<br>(ft.) | Pond B<br>Effluent<br>Sprayed<br>(gal) | Pond A<br>Depth<br>(ft.) | Effluent<br>Spray<br>Irrigation<br>(gal.) | Depth in<br>575K Tank<br>Leachate<br>(ft.) | Depth in<br>575K Tank<br>Effluent<br>(ft.) | Leachate<br>Treated<br>at LTRF<br>(gal.) | Leachate Hauled      |                  | Leachate<br>Dust Control<br>(Sprayed)<br>(gal.) | Effluent Hauled      |                  | Effluent<br>Dust Control<br>(Sprayed)<br>(gal) |
|        |                   |                                     |                          |                               |                               |                            |                               |                                |                               |                          |                                        |                          |                                           |                                            |                                            |                                          | Contractor<br>(gal.) | County<br>(gal.) |                                                 | Contractor<br>(gal.) | County<br>(gal.) |                                                |
| 1      | 0.50              | 4,033,862                           | 16.2                     | 1,879,436                     | 1,869,536                     | 5,885,457                  | 619,800                       | 705,381                        | 1,100                         | 3.1                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 12.17                                      | 0                                        | 193,756              | 42,696           | 0                                               | 0                    | 0                | 0                                              |
| 2      | 0.85              | 4,120,977                           | 20.6                     | 1,886,082                     | 1,877,400                     | 5,885,452                  | 736,100                       | 728,492                        | 1,175                         | 4.0                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 10.25                                      | 0                                        | 186,022              | 35,686           | 0                                               | 0                    | 0                | 0                                              |
| 3      | 0.09              | 4,210,713                           | 13.9                     | 1,892,822                     | 1,886,816                     | 5,885,443                  | 736,100                       | 744,037                        | 1,286                         | 3.8                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 8.33                                       | 0                                        | 140,795              | 28,510           | 0                                               | 0                    | 0                | 0                                              |
| 4      | 0.00              | 4,302,023                           | 16.2                     | 1,903,230                     | 1,892,963                     | 5,885,448                  | 763,150                       | 774,389                        | 1,499                         | 3.8                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 11.58                                      | 0                                        | 156,849              | 28,556           | 0                                               | 0                    | 0                | 0                                              |
| 5      | 0.77              | 4,393,333                           | 18.4                     | 1,913,637                     | 1,899,110                     | 5,885,453                  | 790,200                       | 804,740                        | 1,712                         | 2.5                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 14.83                                      | 0                                        | 164,509              | 21,434           | 0                                               | 0                    | 0                | 0                                              |
| 6      | 0.15              | 4,483,873                           | 19.70                    | 1,917,870                     | 1,911,404                     | 5,885,454                  | 875,400                       | 829,890                        | 1,748                         | 3.1                      | 0                                      | 0                        | 0                                         | 0.00                                       | 14.00                                      | 0                                        | 164,308              | 35,581           | 0                                               | 0                    | 0                | 0                                              |
| 7      | 1.15              | 4,573,149                           | 20.6                     | 1,923,893                     | 1,920,350                     | 5,885,455                  | 875,400                       | 836,954                        | 1,975                         | 3.0                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 12.00                                      | 0                                        | 141,860              | 21,359           | 0                                               | 0                    | 0                | 0                                              |
| 8      | 0.00              | 4,663,800                           | 11.5                     | 1,930,923                     | 1,928,987                     | 5,885,453                  | 875,400                       | 878,709                        | 2,427                         | 3.2                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 12.17                                      | 0                                        | 128,094              | 42,802           | 0                                               | 0                    | 0                | 0                                              |
| 9      | 0.01              | 4,768,994                           | 7.9                      | 1,938,854                     | 1,938,933                     | 5,885,452                  | 875,400                       | 908,490                        | 2,805                         | 3.2                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 12.25                                      | 0                                        | 118,988              | 38,638           | 0                                               | 0                    | 0                | 0                                              |
| 10     | 1.02              | 4,868,326                           | 14.1                     | 1,946,143                     | 1,948,013                     | 5,885,452                  | 875,400                       | 938,489                        | 3,494                         | 3.2                      | 0                                      | 0.0                      | 0                                         | 0.00                                       | 12.50                                      | 0                                        | 97,196               | 43,833           | 0                                               | 0                    | 0                | 0                                              |
| 11     | 0.15              | 4,976,613                           | 16.6                     | 1,953,822                     | 1,957,862                     | 5,885,453                  | 875,400                       | 944,215                        | 3,651                         | 3.2                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 12.92                                      | 0                                        | 111,227              | 43,380           | 0                                               | 0                    | 0                | 0                                              |
| 12     | 0.58              | 5,084,900                           | 19.0                     | 1,961,501                     | 1,967,710                     | 5,885,454                  | 875,400                       | 949,940                        | 3,808                         | 3.2                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 13.33                                      | 0                                        | 111,039              | 43,023           | 0                                               | 0                    | 0                | 0                                              |
| 13     | 0.57              | 5,193,082                           | 19.3                     | 1,965,687                     | 1,973,158                     | 5,885,455                  | 875,400                       | 1,028,732                      | 3,808                         | 3.3                      | 0                                      | 0.00                     | 0                                         | 0.00                                       | 15.17                                      | 0                                        | 121,205              | 44,571           | 0                                               | 0                    | 0                | 0                                              |
| 14     | 0.72              | 5,302,583                           | 9.5                      | 1,965,687                     | 1,973,158                     | 5,885,455                  | 875,400                       | 1,064,158                      | 3,808                         | 3.3                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 14.33                                      | 0                                        | 143,821              | 43,627           | 0                                               | 0                    | 0                | 0                                              |
| 15     | 0.53              | 5,415,577                           | 19.4                     | 1,987,607                     | 2,000,495                     | 5,885,459                  | 875,400                       | 1,066,964                      | 3,808                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 15.17                                      | 0                                        | 118,965              | 42,869           | 0                                               | 0                    | 0                | 0                                              |
| 16     | 0.33              | 5,537,551                           | 9.0                      | 2,000,165                     | 2,016,760                     | 5,885,461                  | 875,400                       | 1,112,161                      | 3,808                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 18.00                                      | 0                                        | 107,244              | 21,587           | 0                                               | 0                    | 0                | 0                                              |
| 17     | 0.00              | 5,652,758                           | 24.9                     | 2,005,634                     | 2,023,817                     | 5,885,463                  | 875,400                       | 1,122,767                      | 3,808                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 18.50                                      | 0                                        | 125,354              | 50,675           | 0                                               | 0                    | 0                | 0                                              |
| 18     | 0.00              | 5,775,867                           | 20.4                     | 2,015,217                     | 2,036,474                     | 5,885,462                  | 875,400                       | 1,133,627                      | 3,808                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 17.75                                      | 0                                        | 155,543              | 36,226           | 0                                               | 0                    | 0                | 0                                              |
| 19     | 0.00              | 5,898,976                           | 15.9                     | 2,024,800                     | 2,049,130                     | 5,885,461                  | 875,400                       | 1,144,487                      | 3,808                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 17.00                                      | 0                                        | 128,929              | 42,769           | 0                                               | 0                    | 0                | 0                                              |
| 20     | 0.00              | 6,016,300                           | 13.5                     | 2,033,845                     | 2,061,655                     | 5,885,459                  | 875,400                       | 1,229,900                      | 3,815                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 14.75                                      | 0                                        | 151,502              | 42,965           | 0                                               | 0                    | 0                | 0                                              |
| 21     | 0.00              | 6,132,352                           | 14.1                     | 2,047,669                     | 2,080,513                     | 5,885,457                  | 875,400                       | 1,286,524                      | 3,815                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 15.75                                      | 0                                        | 135,303              | 43,106           | 0                                               | 0                    | 0                | 0                                              |
| 22     | 0.00              | 6,243,500                           | 13.4                     | 2,054,823                     | 2,089,777                     | 5,885,451                  | 875,400                       | 1,300,481                      | 3,815                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 15.58                                      | 0                                        | 113,027              | 42,967           | 0                                               | 0                    | 0                | 0                                              |
| 23     | 0.00              | 6,374,103                           | 14.6                     | 2,062,308                     | 2,099,896                     | 5,885,449                  | 875,400                       | 1,356,896                      | 3,815                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 17.33                                      | 0                                        | 143,376              | 42,962           | 0                                               | 0                    | 0                | 0                                              |
| 24     | 0.00              | 6,481,762                           | 14.4                     | 2,066,995                     | 2,106,028                     | 5,885,445                  | 875,400                       | 1,367,425                      | 3,815                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 17.00                                      | 0                                        | 155,561              | 44,348           | 0                                               | 0                    | 0                | 0                                              |
| 25     | 0.00              | 6,597,081                           | 13.5                     | 2,072,167                     | 2,113,068                     | 5,885,443                  | 875,400                       | 1,402,082                      | 3,815                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 17.59                                      | 0                                        | 125,513              | 36,077           | 0                                               | 0                    | 0                | 0                                              |
| 26     | 1.65              | 6,712,400                           | 12.5                     | 2,077,339                     | 2,120,108                     | 5,885,440                  | 875,400                       | 1,436,739                      | 3,815                         | 3.3                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 18.17                                      | 0                                        | 120,476              | 42,853           | 0                                               | 0                    | 0                | 0                                              |
| 27     | 0.90              | 6,786,435                           | 54.9                     | 2,081,305                     | 2,125,469                     | 5,885,440                  | 875,400                       | 1,462,821                      | 3,815                         | 3.4                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 16.75                                      | 0                                        | 134,944              | 36,334           | 0                                               | 0                    | 0                | 0                                              |
| 28     | 0.03              | 6,925,000                           | 13.1                     | 2,086,627                     | 2,132,437                     | 5,885,437                  | 875,400                       | 1,487,626                      | 5,447                         | 3.5                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 18.08                                      | 0                                        | 157,326              | 34,057           | 0                                               | 0                    | 0                | 0                                              |
| 29     | 0.00              | 7,040,869                           | 14.6                     | 2,091,790                     | 2,139,417                     | 5,885,438                  | 875,400                       | 1,511,968                      | 6,307                         | 3.5                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 16.75                                      | 0                                        | 119,808              | 36,077           | 0                                               | 0                    | 0                | 0                                              |
| 30     | 0.00              | 7,149,019                           | 15.5                     | 2,096,935                     | 2,147,030                     | 5,885,436                  | 875,400                       | 1,535,511                      | 6,621                         | 3.5                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 17.67                                      | 0                                        | 133,381              | 0                | 0                                               | 0                    | 0                | 0                                              |
| 31     | 0.78              | 7,265,212                           | 14.3                     | 2,102,111                     | 2,155,202                     | 5,885,436                  | 875,400                       | 1,560,267                      | 6,887                         | 3.5                      | 0.0                                    | 0.0                      | 0                                         | 0.00                                       | 17.58                                      | 0                                        | 106,524              | 43,047           | 0                                               | 0                    | 0                | 0                                              |
| Totals | 10.78             |                                     |                          |                               |                               |                            |                               |                                |                               |                          | 0                                      |                          | 0                                         |                                            |                                            | 0                                        | 4,212,445            | 1,152,615        | 0                                               | 0                    | 0                | 0                                              |

balance\2019\08-19ba1.xls

Notes:

- NR = No Records, NA = Not Available.
- Values in bold are estimated; values in italic are substitute for missing data and are based on averaged values
- Columns G and J include quantities from leak detection system.
- Column B, trace is less than 0.01 inches.
- Columns C, D, E, F, G, H, I, J, K, L, N, R-V and W are quantities from flow meters.
- Columns K and M measured from staff gages in each pond.

| Type of Cover | Phases I-VI<br>acres | Section 9<br>acres |
|---------------|----------------------|--------------------|
| Open          | 5                    | 0                  |
| Intermediate  | 134.4                | 15                 |
| Final         | 23                   | 0                  |
| Not Opened    | 0                    | 0                  |



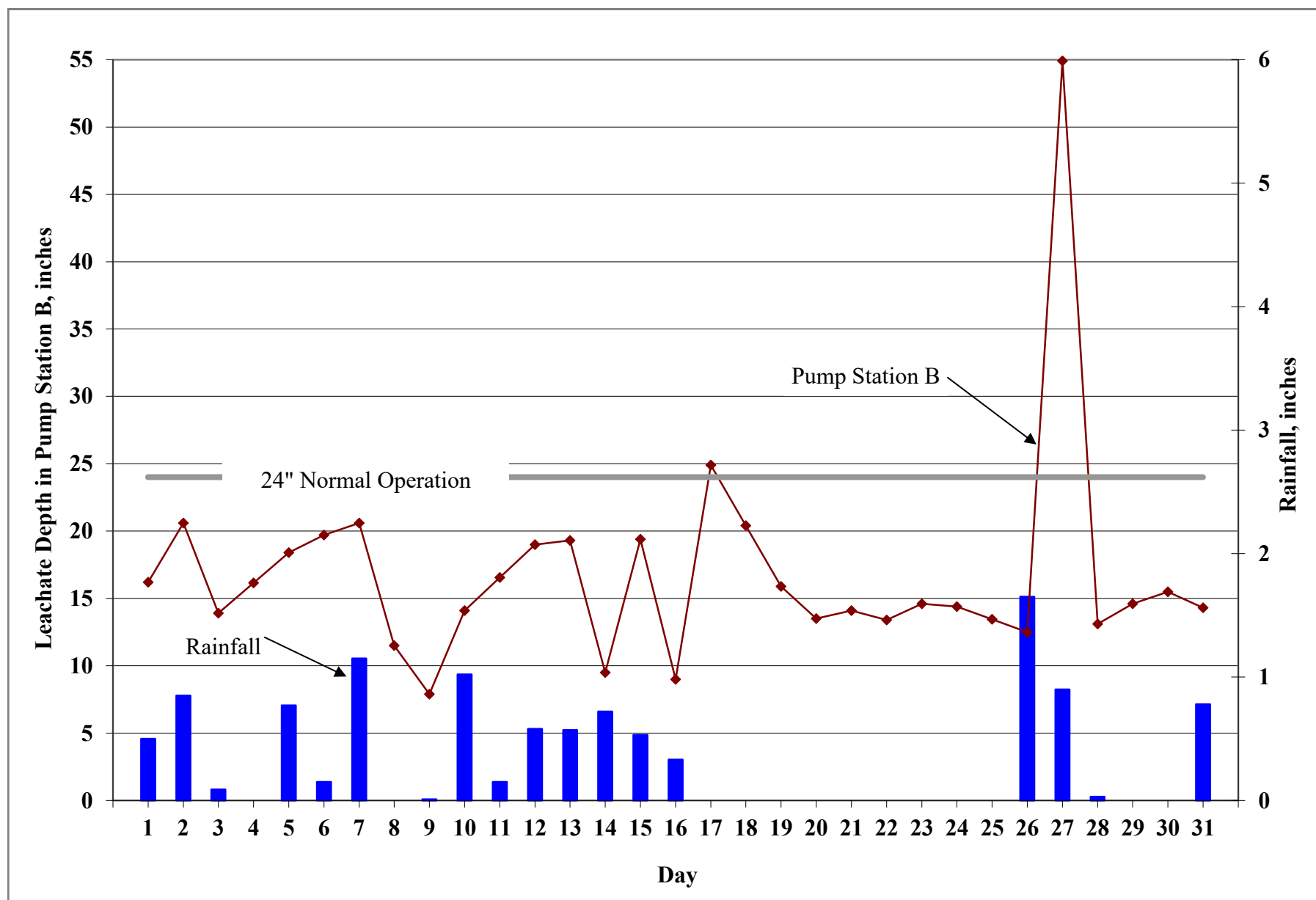


Figure 1. Leachate Levels in Pump Station B and Rainfall for August 2019.

**TABLE 3. LEACHATE BALANCE SUMMARY  
SOUTHEAST COUNTY LANDFILL  
HILLSBOROUGH COUNTY, FLORIDA  
YEAR-2019**

| Month     | Rainfall<br>(in.) | Leachate Arriving at LTRF                |                                                        |                                                          |                                                          |                               | Leachate Leaving LTRF                           |                                                 |                                          | Effluent Disposal                     |                                                 |                                  | Inflow / Outflow For LTRF            |                                         |                                                |
|-----------|-------------------|------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------|---------------------------------------|-------------------------------------------------|----------------------------------|--------------------------------------|-----------------------------------------|------------------------------------------------|
|           |                   | Condensate<br>from LFG<br>CS-1<br>(gal.) | Leachate<br>from Section 9<br>Pumped to LTRF<br>(gal.) | Leachate<br>from Section 7-8<br>Pumped to LTRF<br>(gal.) | Leachate<br>from Phases I-VI<br>Pumped to LTRF<br>(gal.) | Compost<br>Leachate<br>(gal.) | Total Leachate<br>Hauled<br>from LTRF<br>(gal.) | Leachate<br>Dust Control<br>(Sprayed)<br>(gal.) | Leachate<br>Treated at<br>LTRF<br>(gal.) | Total<br>Effluent<br>Hauled<br>(gal.) | Effluent<br>Dust Control<br>(Sprayed)<br>(gal.) | Effluent<br>Irrigation<br>(gal.) | Total Inflow<br>to<br>LTRF<br>(gal.) | Total Outflow<br>from<br>LTRF<br>(gal.) | Change<br>in<br>Storage <sup>3</sup><br>(gal.) |
| January   | 3.49              | 5,965                                    | 183,738                                                | 300,356                                                  | 3,440,156                                                | 86,476                        | 3,729,332                                       | 0                                               | 0                                        | 0                                     | 0                                               | 0                                | 4,016,691                            | 3,729,332                               | 287,359                                        |
| February  | 1.79              | 5,764                                    | 134,983                                                | 209,810                                                  | 2,852,838                                                | 8,503                         | 3,154,367                                       | 0                                               | 0                                        | 0                                     | 0                                               | 0                                | 3,211,898                            | 3,154,367                               | 57,531                                         |
| March     | 1.66              | 5,650                                    | 113,315                                                | 197,794                                                  | 2,758,333                                                | 2,816                         | 2,856,561                                       | 0                                               | 0                                        | 0                                     | 0                                               | 0                                | 3,077,908                            | 2,856,561                               | 221,347                                        |
| April     | 1.93              | 4,894                                    | 91,489                                                 | 150,765                                                  | 2,229,544                                                | 0                             | 2,151,105                                       | 0                                               | 0                                        | 0                                     | 0                                               | 0                                | 2,476,692                            | 2,151,105                               | 325,587                                        |
| May       | 3.48              | 4,873                                    | 85,825                                                 | 138,667                                                  | 2,197,558                                                | 13,400                        | 2,180,324                                       | 0                                               | 0                                        | 0                                     | 0                                               | 0                                | 2,440,323                            | 2,180,324                               | 259,999                                        |
| June      | 8.24              | 6,360                                    | 82,019                                                 | 139,810                                                  | 2,120,857                                                | 213,400                       | 2,595,924                                       | 0                                               | 0                                        | 0                                     | 0                                               | 0                                | 2,562,446                            | 2,595,924                               | -33,479                                        |
| July      | 16.80             | 40,540                                   | 222,521                                                | 319,700                                                  | 2,348,809                                                | 393,000                       | 3,018,581                                       | 0                                               | 0                                        | 0                                     | 0                                               | 0                                | 3,324,570                            | 3,018,581                               | 305,989                                        |
| August    | 10.78             | 23,589                                   | 522,029                                                | 854,886                                                  | 4,123,659                                                | 255,600                       | 5,365,060                                       | 0                                               | 0                                        | 0                                     | 0                                               | 0                                | 5,779,763                            | 5,365,060                               | 414,703                                        |
| September |                   |                                          |                                                        |                                                          |                                                          |                               |                                                 |                                                 |                                          |                                       |                                                 |                                  |                                      |                                         |                                                |
| October   |                   |                                          |                                                        |                                                          |                                                          |                               |                                                 |                                                 |                                          |                                       |                                                 |                                  |                                      |                                         |                                                |
| November  |                   |                                          |                                                        |                                                          |                                                          |                               |                                                 |                                                 |                                          |                                       |                                                 |                                  |                                      |                                         |                                                |
| December  |                   |                                          |                                                        |                                                          |                                                          |                               |                                                 |                                                 |                                          |                                       |                                                 |                                  |                                      |                                         |                                                |
| YTD Total | 48.17             | 97,635                                   | 1,435,919                                              | 2,311,788                                                | 22,071,753                                               | 973,195                       | 25,051,254                                      | 0                                               | 0                                        | 0                                     | 0                                               | 0                                | 26,890,290                           | 25,051,254                              | 1,839,036                                      |

Note:

1. If the bypass at the effluent pond is ever used to pump effluent back to the LTRF, this table must be modified.
2. Change in storage represents total inflow to LTRF minus total outflow from LTRF.



## **Appendix D**

### **Groundwater Quality Trends**

## TH-20B

Note: Reference FDEP Groundwater Guidance Concentrations  
 NS = No Standard  
 MCL = Maximum Contaminant Level  
 \* = Primary Drinking Water Standard  
 \*\* = Secondary Drinking Water Standard  
**5.67 = Exceeds Standard**  
 mV = millivolts  
 NTU = Nephelometric Turbidity Units  
 mg/l = milligrams per liter  
 NGVD = National Geodetic Vertical Datum

**TH-38B**

| Field Parameters                | May-16 | Nov-16 | Feb-17 | May-17 | Aug-17 | Nov-17 | Feb-18 | May-18 | Jul-18 | Nov-18 | Feb-19  | May-19 | MCL Standard  |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------------|
| conductivity (umhos/cm) (field) | 70     | 61     | 103    | ND     | 46     | 49.6   | 79.2   | ND     | 51     | 55.7   | 46.1    | 72.4   | NS            |
| dissolved oxygen (mg/l) (field) | 1.5    | 0.76   | 2.02   | ND     | 0.96   | 1.27   | 0.86   | ND     | 0.57   | 0.22   | 1.37    | 0.37   | NS            |
| ORP (mV)                        | 175.5  | -22.9  | 6.2    | ND     | 158    | 28.1   | 70.7   | ND     | 22.7   | 88.1   | 244.3   | -16.6  | NS            |
| temperature (°C) (field)        | 24.78  | 25.37  | 23.93  | ND     | 26.66  | 26.10  | 23.50  | ND     | 27.53  | 26.50  | 23.20   | 24     | NS            |
| turbidity (NTU) (field)         | 8.75   | 16     | 16.5   | ND     | 46.6   | 11.2   | 3.6    | ND     | 21.9   | 3.84   | 19.2    | 2.05   | NS            |
| pH (field)                      | 4.95   | 4.73   | 5.45   | ND     | 4.69   | 5.16   | 5.22   | ND     | 5.70   | 4.71   | 4.73    | 5.04   | (6.5 - 8.5)** |
| General Parameters              |        |        |        |        |        |        |        |        |        |        |         |        | MCL Standard  |
| total dissolved solids (mg/l)   | 65     | 45     | 57     | ND     | 73     | 30     | 83     | ND     | 50 i   | 340    | 28      | 78     | 500**         |
| chloride (mg/l)                 | 4.2 i  | 4.2 i  | 8.2    | ND     | 3.4 i  | 3.9 i  | 6.4    | ND     | 12     | 3.6 i  | 2.6     | 4.5 i  | 250**         |
| ammonia nitrogen (mg/l as N)    | 0.79   | 0.66   | 1.4    | ND     | 0.14   | 0.23   | 2.2    | ND     | 0.59   | 0.3    | 0.025 u | 1.3    | NS            |
| Metals Detected (mg/l)          |        |        |        |        |        |        |        |        |        |        |         |        | MCL Standard  |
| sodium                          | 2.8    | 3      | 3.6    | ND     | 2.7    | 2.8    | 3.4    | ND     | 7.15 i | 2.5    | 2.1     | 2.9    | 160*          |

NS = No Standard

MCL = Maximum C

\* = Primary Drinking Water Standard

4.9E = Exceeds Standard

mV = millivolts

u = parameter was analyzed but not c

NGVD = National Geodetic

**Southeast County Landfill**  
**Historical Supplemental Assessment Groundwater Data**  
**TH-66A**

| Field Parameters                | Aug-12 | Feb-13 | Aug-13 | Feb-14 | Aug-14 | Feb-15 | Aug-15 | Feb-16 | May-16 | Nov-16 | Feb-17 | May-17 | Aug-17 | Nov-17 | Feb-18 | May-18 | Jul-18 | Nov-18 | Feb-19 | May-19 | MCL Standard  |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|
| conductivity (umhos/cm) (field) | 339    | 360    | 222    | 375    | 384    | 340    | 295    | 313    | 334    | 512    | 580    | 513    | 376    | 342.1  | 315.6  | 333    | 263    | 361.7  | 274.4  | 290.9  | NS            |
| dissolved oxygen (mg/l) (field) | 0.36   | 0.71   | 1.05   | 0.87   | 0.54   | 0.36   | 0.38   | 0.5    | 0.65   | 0.33   | 0.64   | 1.13   | 0.09   | 1.93   | 0.46   | 0.69   | 0.2    | 0.56   | 0.4    | 0.34   | NS            |
| ORP (mV)                        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 69.7   | -3     | -69.2  | 30.3   | -102.9 | -158.7 | -43.6  | -124.8 | 125.4  | -61.8  | -115.4 | -63    | NS            |
| temperature (°C) (field)        | 27.00  | 22.40  | 27.80  | 21.14  | 28.28  | 20.59  | 27.01  | 21.5   | 24.55  | 25.44  | 23.68  | 27.67  | 26.63  | 25.90  | 22.50  | 25.10  | 27.30  | 26.80  | 22.80  | 24.4   | NS            |
| turbidity (NTU) (field)         | 3.02   | 1.91   | 2.65   | 3.01   | 2.69   | 2.86   | 3.17   | 1.35   | 0.86   | 0.49   | 1.06   | 2.17   | 1.81   | 1.89   | 0.89   | 0.78   | 3.65   | 1.81   | 0.7    | 0.19   | NS            |
| pH (field)                      | 5.68   | 5.80   | 6.08   | 6.06   | 6.00   | 5.75   | 6.00   | 6.12   | 6.03   | 5.82   | 6.18   | 6.09   | 5.88   | 6.09   | 5.87   | 5.99   | 6.89   | 5.94   | 5.85   | 5.78   | (6.5 - 8.5)** |
| General Parameters              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | MCL Standard  |
| total dissolved solids (mg/l)   | 200    | 220    | 160    | 190    | 130    | 180    | 180    | 180    | 180    | 320    | 300    | 230    | 250    | 160    | 210    | 230    | 164    | 240    | 210    | 200    | 500**         |
| chloride (mg/l)                 | 22     | 24     | 20     | 22     | 16     | 14     | 4.9 i  | 15     | 15     | 92     | 78     | 52     | 16     | 24     | 24     | 21     | 12     | 20     | 16 j4  | 15     | 250**         |
| ammonia nitrogen (mg/l as N)    | 0.37   | 0.29   | 0.32   | 0.38   | 0.91   | 0.13   | 0.22   | 0.12   | 0.34   | 0.44   | 0.5    | 0.57   | 0.02 u | 0.88   | 0.09 i | 0.8    | 0.54   | 2      | 0.99   | 1.8    | NS            |
| Metals Detected (mg/l)          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | MCL Standard  |
| sodium                          | 9.7    | 8.9    | 11     | 11     | 8.1    | 8.2    | 5.7    | 8.7    | 9.5    | 21     | 21     | 20     | 15     | 15     | 12     | 11     | 7.15 i | 9.9    | 7.3    | 6.6    | 160*          |

Note: Reference FDEP Groundwater Guidance Concentrations

NS = No Standard

MCL = Maximum Contaminant Level

\* = Primary Drinking Water Standard

\*\* = Secondary Drinking Water Standard

6.00 = Exceeds Standard

mV = millivolts

NTU = Nephelometric Turbidity Units

j4 = estimated results

mg/l = milligrams per liter

NGVD = National Geodetic Vertical Datum

**Southeast County Landfill**  
**Historical Supplemental Assessment Groundwater Data**  
**TH-67**

| Field Parameters                | Aug-12 | Feb-13 | Aug-13 | Feb-14 | Aug-14 | Feb-15 | Aug-15 | Feb-16 | May-16 | Nov-16 | Feb-17 | May-17 | Aug-17 | Nov-17 | Feb-18  | May-18 | Jul-18 | Nov-18 | Feb-19 | May-19 | MCL Standard  |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|---------------|
| conductivity (umhos/cm) (field) | 312    | 684    | 285    | 634    | 390    | 428    | 429    | 1780   | 3973   | 2166   | 3830   | 3630   | 215    | 497.4  | 207.7   | 1329   | 180    | 706    | 209.6  | 697    | NS            |
| dissolved oxygen (mg/l) (field) | 0.46   | 0.81   | 0.50   | 1.43   | 0.69   | 1.42   | 0.55   | 1.05   | 0.42   | 3.04   | 2.13   | 0.26   | 0.31   | 2.06   | 5.97    | 0.39   | 0.08   | 0.14   | 2.11   | 0.56   | NS            |
| ORP (mV)                        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | -7.9   | -100   | -41.7  | -12.1  | 43.2   | -9.5   | 103.7   | -46.1  | 2.4    | -50.1  | 151.8  | -40.1  | NS            |
| temperature (°C) (field)        | 27.90  | 22.90  | 27.90  | 20.19  | 28.38  | 19.52  | 28.32  | 20.81  | 24.63  | 25.23  | 24.52  | 25.25  | 26.79  | 25.40  | 22.20   | 24.80  | 27.94  | 26.70  | 21.70  | 24.4   | NS            |
| turbidity (NTU) (field)         | 2.83   | 13.9   | 3.84   | 8.01   | 6.16   | 8.28   | 1.13   | 10.11  | 7.64   | 5.29   | 8.72   | 7.64   | 16.5   | 5.05   | 7.76    | 2.71   | 10.4   | 8.41   | 3.79   | 0.89   | NS            |
| pH (field)                      | 6.00   | 6.25   | 6.36   | 6.37   | 6.21   | 6.09   | 6.41   | 5.98   | 6.18   | 6.21   | 6.44   | 6.32   | 6.29   | 6.43   | 6.54    | 6.39   | 6.44   | 6.09   | 5.98   | 6.10   | (6.5 - 8.5)** |
| General Parameters              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |        |        |        |        |        | MCL Standard  |
| total dissolved solids (mg/l)   | 200    | 350    | 190    | 310    | 170    | 250    | 220    | 1600   | 2200   | 1400   | 2000   | 2000   | 150    | 280    | 140     | 880    | 128    | 400    | 120    | 490    | 500**         |
| chloride (mg/l)                 | 24     | 41     | 25     | 34     | 9.1    | 31     | 29     | 620    | 910    | 600    | 990    | 790    | 13     | 79     | 12      | 240    | 76     | 92     | 9.4    | 96     | 250**         |
| ammonia nitrogen (mg/l as N)    | 0.64   | 1.4    | 0.91   | 1.8    | 0.33   | 0.05 i | 0.12   | 1.5    | 36     | 11     | 14     | 14     | 0.02 u | 1.5    | 0.025 u | 4.2    | 0.28   | 1.5    | 0.08 i | 2.4    | NS            |
| Metals Detected (mg/l)          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |        |        |        |        |        | MCL Standard  |
| sodium                          | 12     | 27     | 19     | 27     | 5.7    | 8.7    | 8.7    | 120    | 360    | 49     | 330    | 380    | 8.4    | 38     | 6.3     | 110    | 1.94 i | 35     | 4.4    | 40     | 160*          |

Note: Reference FDEP Groundwater Guidance Concentrations

NS = No Standard

MCL = Maximum Contaminant Level

\* = Primary Drinking Water Standard

\*\* = Secondary Drinking Water Standard

6.41 = Exceeds Standard

mV = millivolts

NTU = Nephelometric Turbidity Units

i = reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

mg/l = milligrams per liter

NGVD = National Geodetic Vertical Datum

**TH-79**

Note: Reference FDEP Groundwater Guidance Concentrations  
 NS = No Standard  
 MCL = Maximum Contaminant Level  
 \* = Primary Drinking Water Standard  
 \*\* = Secondary Drinking Water Standard  
**6.09 = Exceeds Standard**  
 mV = millivolts  
 NTU = Nephelometric Turbidity Units  
 mg/l = milligrams per liter  
 NGVD = National Geodetic Vertical Datum



# TH-80

| Field Parameters                                                                                                                                                                                                                                                                                                                                                       | Mar-17 | May-17 | Aug-17 | Nov-17 | Feb-18 | May-18  | Jul-18 | Nov-18 | Feb-19 | May-19 | MCL Standard  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|---------------|
| conductivity (umhos/cm) (field)                                                                                                                                                                                                                                                                                                                                        | 889    | 1090   | 1055   | 714    | 733    | 777     | 462    | 575    | 447.6  | 562    | NS            |
| dissolved oxygen (mg/l) (field)                                                                                                                                                                                                                                                                                                                                        | 0.38   | 0.16   | 0.05   | 3.24   | 0.79   | 0.22    | 0.50   | 0.1    | 0.28   | 1.34   | NS            |
| ORP (mV)                                                                                                                                                                                                                                                                                                                                                               | -10.7  | 34.2   | -120.4 | -100.7 | 13.8   | 11.8    | 2.3    | 28.5   | 2.2    | -13.3  | NS            |
| temperature (°C) (field)                                                                                                                                                                                                                                                                                                                                               | 24.49  | 25.26  | 25.17  | 25.70  | 24.90  | 25.50   | 26.68  | 26.40  | 24.60  | 24.5   | NS            |
| turbidity (NTU) (field)                                                                                                                                                                                                                                                                                                                                                | 16     | 10.6   | 37     | 17.3   | 2.49   | 0.98    | 0.52   | 1.74   | 15.7   | 0.72   | NS            |
| pH (field)                                                                                                                                                                                                                                                                                                                                                             | 5.67   | 5.63   | 5.69   | 5.95   | 5.69   | 5.70    | 6.63   | 5.55   | 5.95   | 5.58   | (6.5 - 8.5)** |
| General Parameters                                                                                                                                                                                                                                                                                                                                                     |        |        |        |        |        |         |        |        |        |        | MCL Standard  |
| total dissolved solids (mg/l)                                                                                                                                                                                                                                                                                                                                          | 500    | 630    | 680    | 370    | 410    | 480     | 276    | 280    | 250    | 410    | 500**         |
| chloride (mg/l)                                                                                                                                                                                                                                                                                                                                                        | 130 j4 | 170    | 210    | 110    | 110    | 110     | 53.9   | 50     | 41     | 46     | 250**         |
| ammonia nitrogen (mg/l as N)                                                                                                                                                                                                                                                                                                                                           | 1.5    | 0.74   | 0.64   | 0.36   | 0.52   | 0.79 j4 | 0.65   | 0.38   | 0.6    | 0.53   | NS            |
| Metals Detected (mg/l)                                                                                                                                                                                                                                                                                                                                                 |        |        |        |        |        |         |        |        |        |        | MCL Standard  |
| sodium                                                                                                                                                                                                                                                                                                                                                                 | 37     | 55     | 92     | 63     | 62     | 56      | 38     | 30     | 28     | 28     | 160*          |
| Note: Reference FDEP Groundwater Guidance Concentrations<br>NS = No Standard<br>MCL = Maximum Contaminant Level<br>* = Primary Drinking Water Standard<br>** = Secondary Drinking Water Standard<br><b>5.67 = Exceeds Standard</b><br>mV = millivolts<br>NTU = Nephelometric Turbidity Units<br>mg/l = milligrams per liter<br>NGVD = National Geodetic Vertical Datum |        |        |        |        |        |         |        |        |        |        |               |

**Southeast County Landfill**  
**Historical Supplemental Assessment Groundwater Data**  
**TH-81**

| Field Parameters                | Mar-17 | May-17 | Aug-17 | Nov-17  | Feb-18 | May-18 | Jul-18 | Nov-18 | Feb-19 | May-19 | MCL Standard  |
|---------------------------------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|---------------|
| conductivity (umhos/cm) (field) | 2723   | 2476   | 493    | 216.8   | 194.9  | 644    | 275    | 226.6  | 137.8  | 256.6  | NS            |
| dissolved oxygen (mg/l) (field) | 0.53   | 0.72   | 1.77   | 1.73    | 2.12   | 0.24   | 1.33   | 0.45   | 1.48   | 0.45   | NS            |
| ORP (mV)                        | 24.9   | 17.7   | 68.5   | 76      | 71.7   | -28.3  | 150    | 81.1   | 136    | -2.8   | NS            |
| temperature (°C) (field)        | 23.7   | 25.81  | 28.68  | 26.50   | 22.10  | 25.90  | 28.89  | 27.30  | 21.90  | 24.3   | NS            |
| turbidity (NTU) (field)         | 16.1   | 27.5   | 22.7   | 13      | 14.5   | 3.07   | 6.09   | 5.54   | 15.1   | 13.6   | NS            |
| pH (field)                      | 6.00   | 6.05   | 6.12   | 5.95    | 6.15   | 6.32   | 5.88   | 5.62   | 5.66   | 6.02   | (6.5 - 8.5)** |
| General Parameters              |        |        |        |         |        |        |        |        |        |        | MCL Standard  |
| total dissolved solids (mg/l)   | 2000   | 1500   | 230    | 100     | 130    | 380    | 164    | 140    | 94     | 190    | 500**         |
| chloride (mg/l)                 | 810    | 670    | 62     | 15      | 27     | 91     | 9.4    | 13     | 9.4    | 24     | 250**         |
| ammonia nitrogen (mg/l as N)    | 4.1    | 2.3    | 0.52   | 0.025 u | 0.33   | 1.8    | 0.15   | 0.13   | 0.16   | 0.55   | NS            |
| Metals Detected (mg/l)          |        |        |        |         |        |        |        |        |        |        | MCL Standard  |
| sodium                          | 250    | 280    | 37     | 8.2     | 21     | 62     | 6.89 i | 6.3    | 4.7    | 12     | 160*          |

Note: Reference FDEP Groundwater Guidance Concentrations

NS = No Standard

MCL = Maximum Contaminant Level

\* = Primary Drinking Water Standard

\*\* = Secondary Drinking Water Standard

**6.00 = Exceeds Standard**

mV = millivolts

NTU = Nephelometric Turbidity Units

mg/l = milligrams per liter

NGVD = National Geodetic Vertical Datum

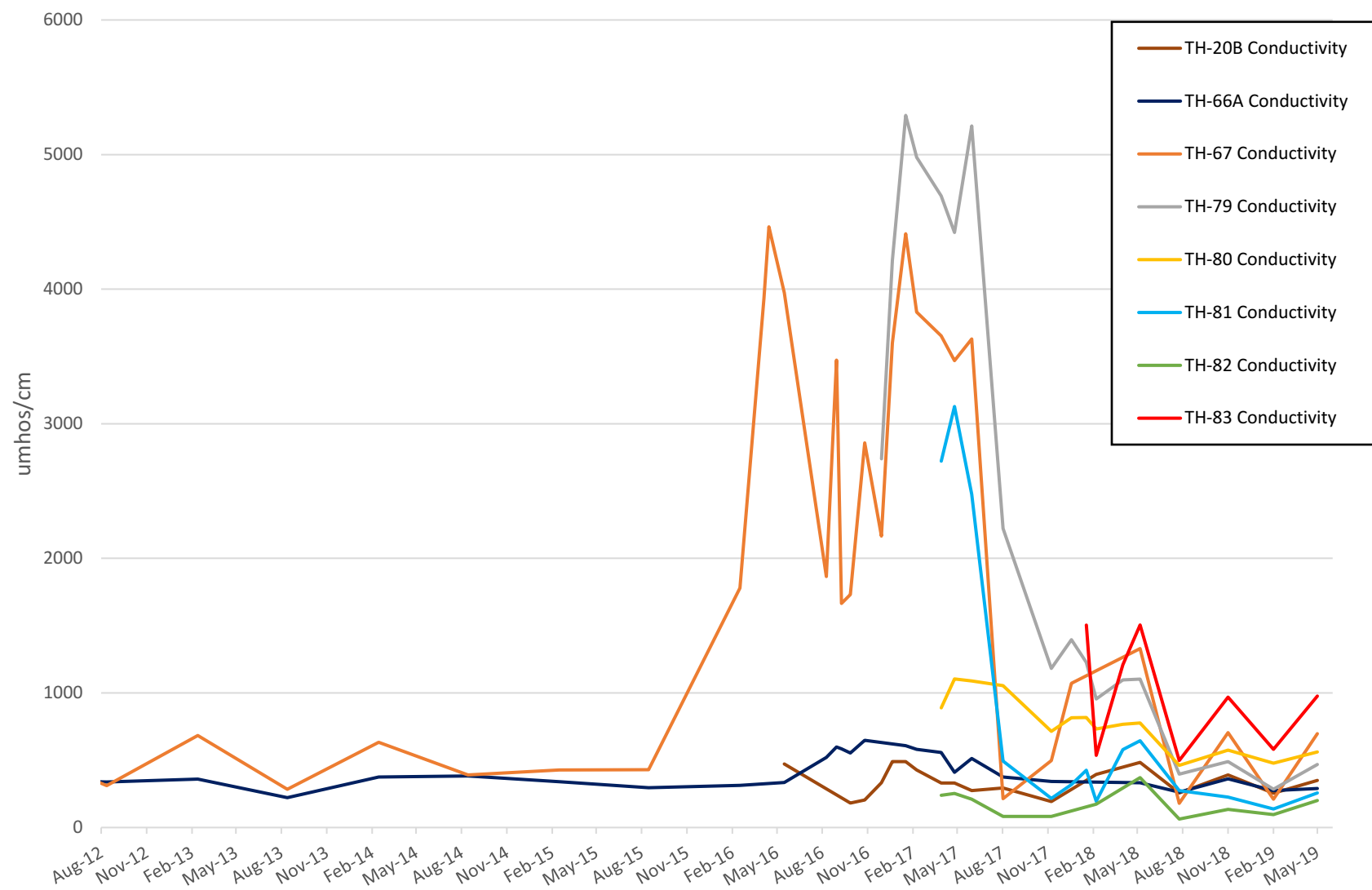
**TH-82**

Note: Reference FDEP Groundwater Guidance Concentrations  
 NS = No Standard  
 MCL = Maximum Contaminant Level  
 \* = Primary Drinking Water Standard  
 \*\* = Secondary Drinking Water Standard  
**5.69 = Exceeds Standard**  
 mV = millivolts  
 NTU = Nephelometric Turbidity Units  
 mg/l = milligrams per liter  
 NGVD = National Geodetic Vertical Datum

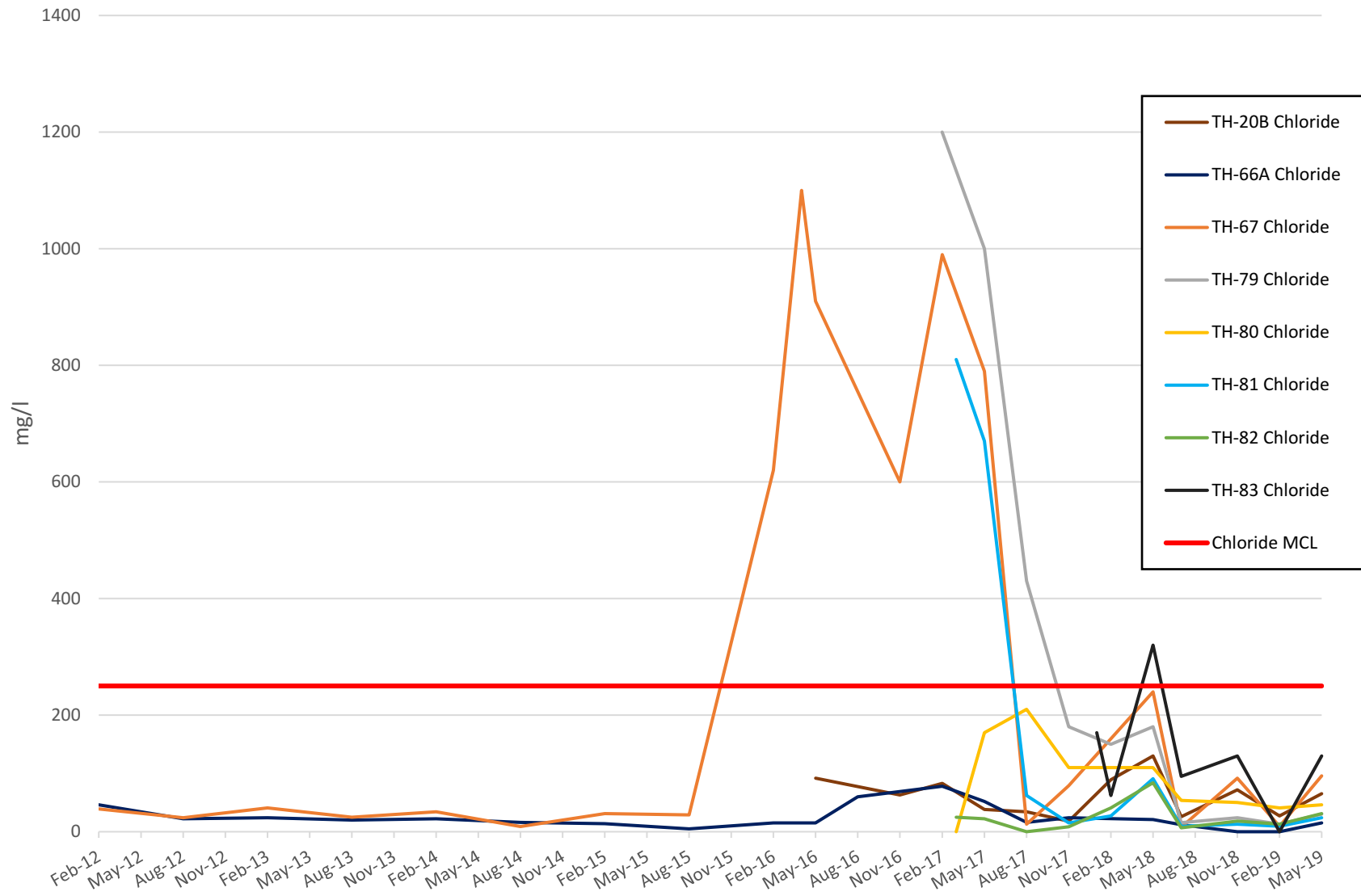
**TH-83**

Note: Reference FDEP Groundwater Guidance Concentrations  
 NS = No Standard  
 MCL = Maximum Contaminant Level  
 \* = Primary Drinking Water Standard  
 \*\* = Secondary Drinking Water Standard  
**6.46 = Exceeds Standard**  
 mV = millivolts  
 NTU = Nephelometric Turbidity Units  
 j4 = estimated results  
 mg/l = milligrams per liter  
 NGVD = National Geodetic Vertical Datum

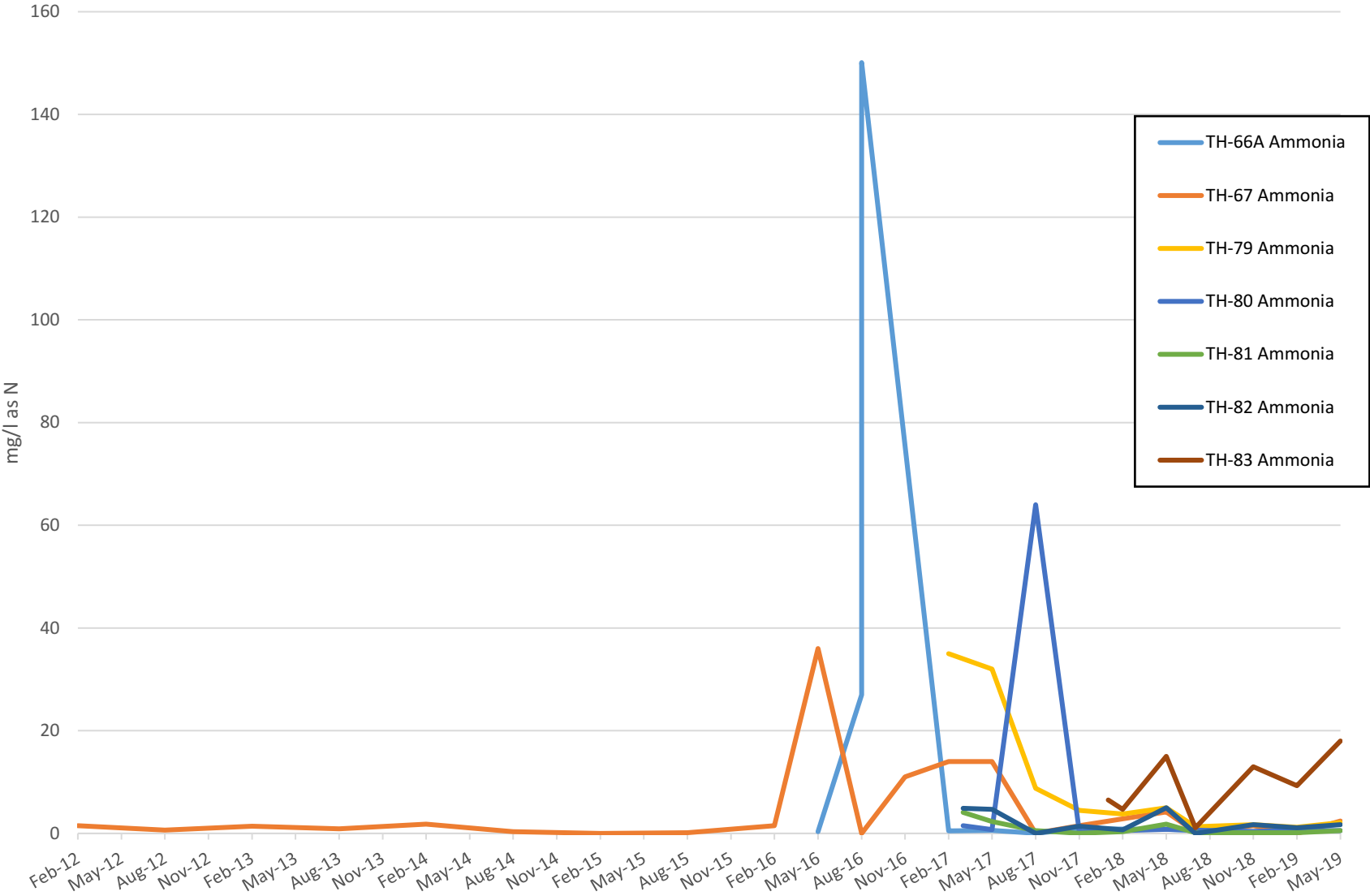
## Southeast County Landfill - Conductivity



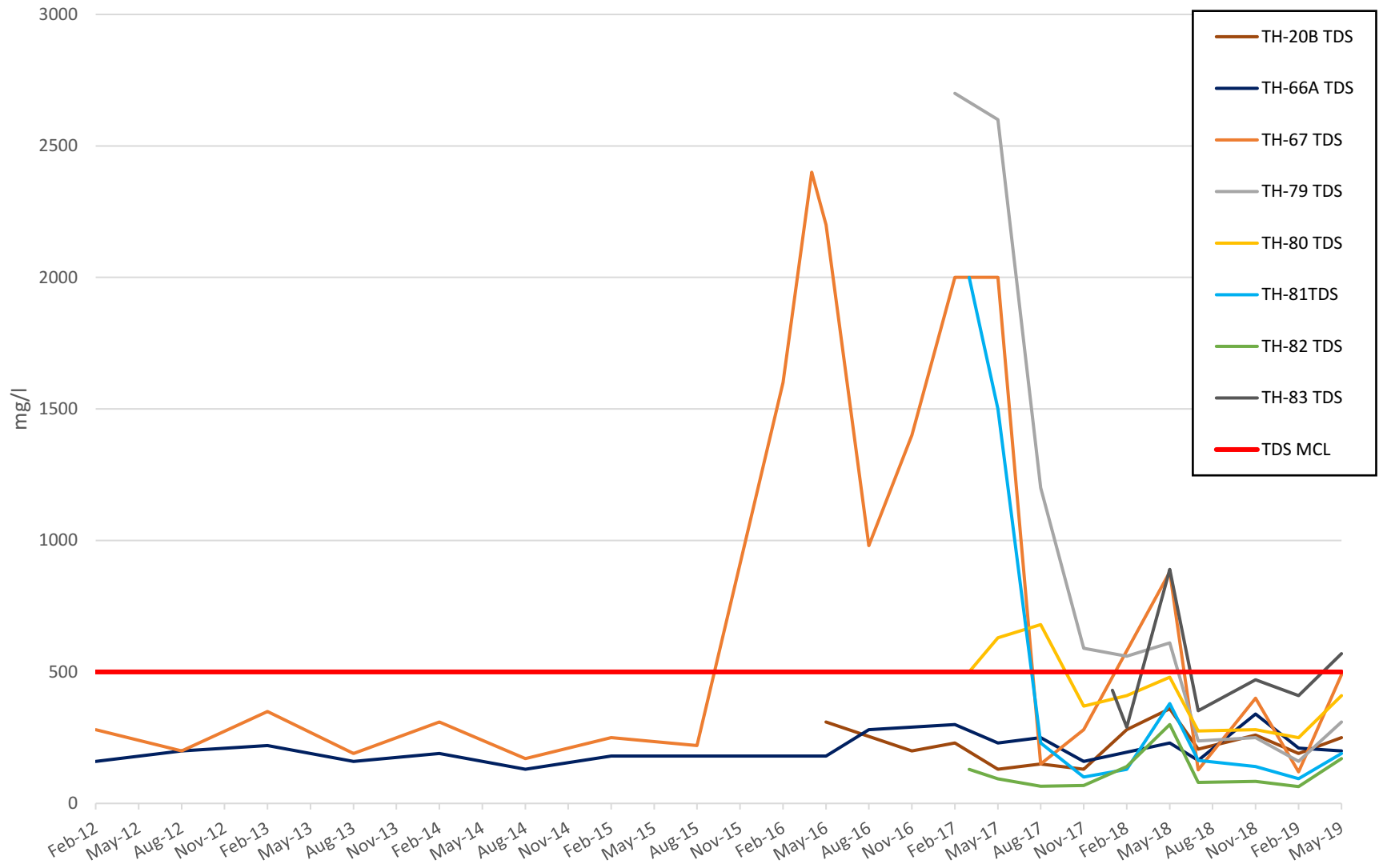
## Southeast County Landfill - Chloride



Southeast County Landfill - Ammonia

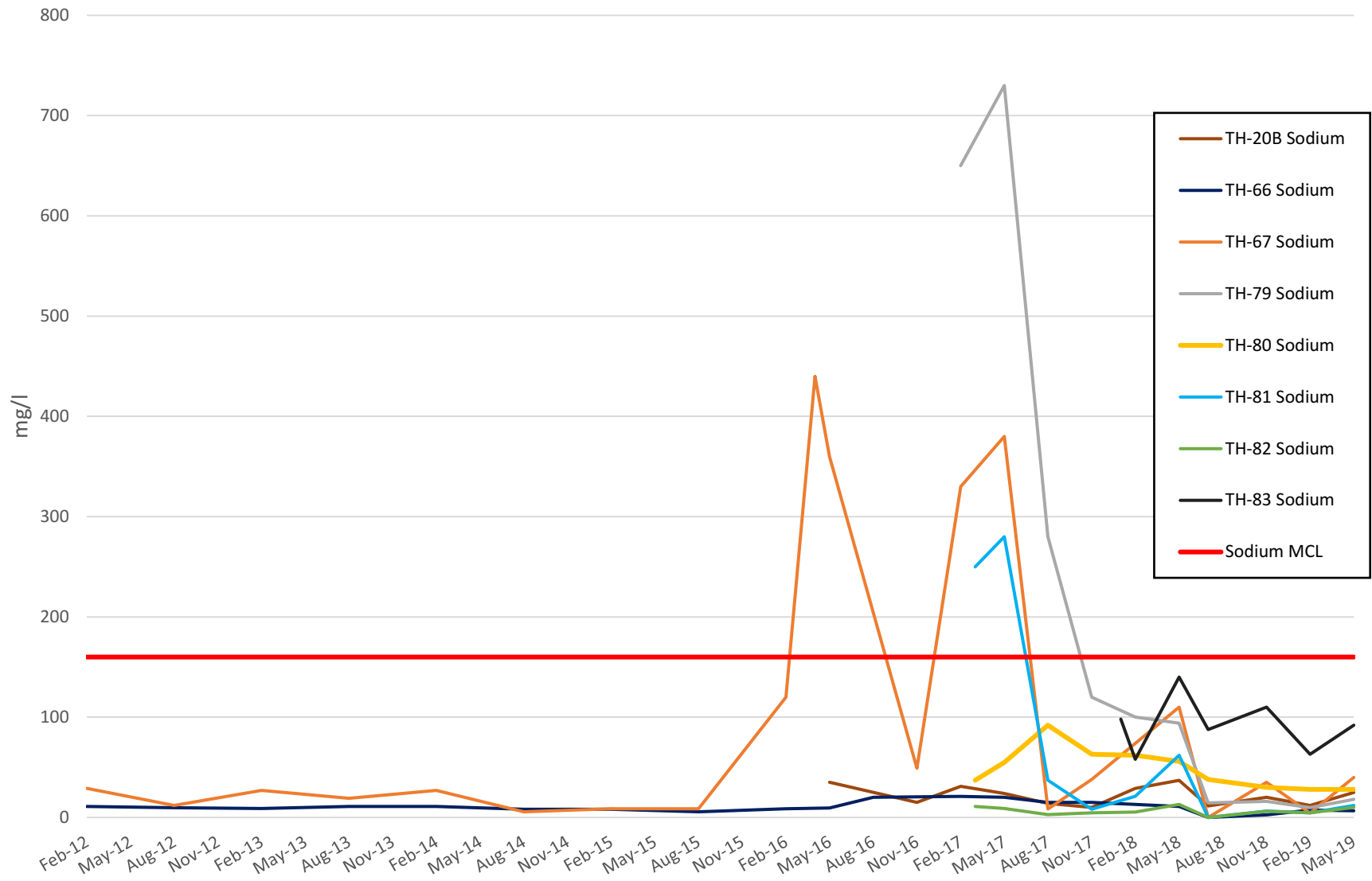


# Southeast County Landfill - Total Dissolved Solids





## Southeast County Landfill - Sodium





## **Appendix E**

### **Map of Low Areas with Poor Drainage**



Document Path: G:\GIS\PROJECTS\Southeast Hillsborough County Landfill\Fieldwork\_08292019\Fieldwork\_REF.mxd



**Legend**

● LOW AREAS WITH POOR DRAINAGE

VISUAL SURVEY CONDUCTED ON AUGUST 23, 2019 & AUGUST 29, 2019

**FIGURE 1**  
**LOW AREAS WITH POOR DRAINAGE**  
**SOUTHEAST COUNTY LANDFILL**  
**HILLSBOROUGH COUNTY, FL**

**SCS ENGINEERS**

Tampa, FL      September 2019

0 200 400 Feet

N