

**From:** [Newsome, Kaitlyn](#)  
**To:** [SWD Waste](#)  
**Subject:** Fw: Southeast County Landfill OGC File No. 17-0058 - Liquid Assessment Monitoring Monthly Progress Report for August 2020  
**Date:** Wednesday, September 16, 2020 7:12:38 AM  
**Attachments:** [20200915 August Liquid Assessment Monitoring Monthly Report.pdf](#)

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**Sent:** Tuesday, September 15, 2020 5:56 PM

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**Subject:** Southeast County Landfill OGC File No. 17-0058 - Liquid Assessment Monitoring Monthly Progress Report for August 2020

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 2020 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. The September 2020 monthly progress report will use the revised water balance forms incorporated into the September 9, 2020 permit modification.

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

Kollan Spradlin, PE, CHMM

Senior Project Professional

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# Liquid Assessment Monitoring Monthly Progress Report for August 2020

## 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. 09215600.10 | September 15, 2020

3922 Coconut Palm Drive, Suite 102  
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LIQUID ASSESSMENT MONITORING  
MONTHLY PROGRESS REPORT  
FOR AUGUST 2020

Southeast County Landfill  
Lithia, Florida

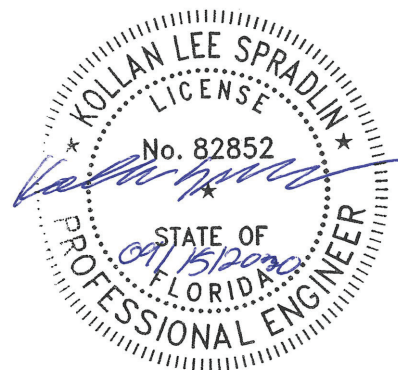
**Submitted to:**

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

**Prepared by:**

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September 15, 2020  
File No. 09215600.10



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

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# 1 INTRODUCTION

On behalf of Hillsborough County, Solid Waste Management Division (SWMD), SCS Engineers (SCS) is submitting this report to present the August 2020 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.”

As a part of the April 15, 2020 approved Alternate Procedure conditions, the SWMD completed the abandonment of the remaining Series-1 and Series-2 piezometers on May 7, 2020. As a result, monthly piezometer liquid level readings are no longer included as a part of this report.

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 2020. Leachate pumpage data 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 2020 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 are currently located within three LFG EWs (EW-44, EW-48, and EW-66) and three CTs (CT-1, CT-2, and CT-3).

#### 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 vacuum assisted pump was installed in the cleanout of the header pipe, Cleanout 2-1 (CO 2-1). This pump station was designated as Pump Station 2 (PS-2). PS-2 conveys leachate from Phase II to the Main Leachate Pump Station (MLPS). A liquid level measurement device was installed at the PS-2 intake and is controlling the cycling of the pump. The device, in conjunction with PS-2, maintains liquid level within the header below 30 inches.

### 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 2020.

Table 1. Summary of August 2020 Supplemental Pumping Data

| Pump         | Phase | Days Operation* | Monthly Total (Gallons) | Increase or Decrease from Prior Month | Daily Avg (GPD) |
|--------------|-------|-----------------|-------------------------|---------------------------------------|-----------------|
| CT-1         | II    | 31              | 2,996                   | ↑                                     | 97              |
| CT-2         | I     | 31              | 5,209                   | ↑                                     | 168             |
| CT-3         | I     | 0               | 0                       | -                                     | -               |
| EW-44        | I     | 28              | 4,051                   | ↑                                     | 145             |
| EW-48        | I     | 17              | 584                     | ↓                                     | 34              |
| EW-66        | II    | 22              | 9,280                   | ↓                                     | 422             |
| DW 1-1       | I     | 0               | 0                       | -                                     | -               |
| DW 1-2       | I     | 2               | 2,340                   | ↓                                     | 1,170           |
| DW 2-1       | II    | 31              | 34,945                  | ↑                                     | 1,127           |
| DW 2-2       | II    | 0               | 0                       | ↓                                     | -               |
| PS-2         | II    | 31              | 283,275                 | ↓                                     | 9,138           |
| August Total |       |                 | 342,680                 |                                       | 11,054          |

\* 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 2020

- A total of approximately 342,680 gallons was removed from the Phase I and II areas from supplemental pumping in August 2020.
- During August 2020, the total supplemental pumpage decreased by approximately 62,934 gallons compared to July 2020.
- PS-2 pumped a total of 283,275 gallons over 31 days in August, for an average of 9,138 GPD.
- The pneumatic pumps installed in LFG extraction wells EW-44, EW-48, and EW-66 and condensate traps CT-1 and CT-2 removed approximately 866 (avg.) GPD combined in August 2020.

- CT-3 was dry during the month of August.
- DW 1-1 did not pump during the month of August. DW 1-2 pumped for 2 days and averaged 1,127 GPD during the month of August.
- DW 2-1 pumped 31 days and averaged 1,127 GPD during the month of August. DW 2-2 did not pump during the month of August.

### **3 LIQUID LEVEL AND PRECIPITATION DATA OBSERVATIONS FOR AUGUST 2020**

As a part of the April 15, 2020 approved Alternate Procedure conditions, SWMD continues to monitor and report weekly liquid level data for monitoring point MP 2-2. Additionally, measurements for monitoring points MP 1-4 and MP 2-3 are collected weekly and included in **Appendix B** of this report.

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 10.7 inches of rain was recorded at the on-site rain gauges in August.

### **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 implement 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 2020 Water Balance letter is presented in **Appendix C**. The Water Balance tables will be adjusted to show daily liquid level measurements in the CO 2-1 header and MP 2-2 upon FDEP approval and finalization of the June 15, 2020 Operation Permit Modification.

### **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. As discussed at an August 1, 2019 meeting between SWMD and FDEP, and commemorated in an August 20, 2019 Request for Temporary Relief from Quarterly Groundwater Sampling, TH-20B, TH-38B, TH-80, TH-81, and TH-82 are no longer sampled as a part of quarterly sampling events.

The 2<sup>nd</sup> quarter 2020 groundwater sampling event occurred on May 6, 2020. The laboratory analytical results were provided to the FDEP and are included in **Appendix D**. The 3<sup>rd</sup> quarter 2020 groundwater sampling event was conducted on August 6, 2020. Laboratory analytical results will be submitted to FDEP upon finalization.

**Appendix D** shows groundwater trends for conductivity, total dissolved solids, 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.

## **7 PAST ACTIVITIES**

### **7.1 REQUEST FOR ALTERNATE PROCEDURE**

A Request for Alternate Procedure Approval (Request) was submitted to the FDEP on November 26, 2019. The FDEP approved the Request pursuant to FDEP 62-701.310 on April 15, 2020. SCS has completed drafting an application to modify the solid waste operation permit to incorporate Leachate Management Plan changes and a revised fill sequence. FDEP approved and issued the permit modification to incorporate the changes on September 9, 2020. The landfill operator anticipates that filling operations will commence in Phase II, in accordance with the revised fill sequence, in October 2020.

### **7.2 INSTALLATION OF MP 2-2 TRANSDUCER**

As part of the approved Request, SWMD installed a liquid level measurement device in the MP 2-2 monitoring port. A barometrically compensated Level Troll 400 transducer was installed in the MP 2-2- riser on April 17, 2020. The transducer is hard-wired to a solar powered cellular receiver that wirelessly transmits liquid level data to SWMD representatives. Daily liquid level measurements from MP 2-2 will be incorporated into the revised water balance tables proposed as a part of the June 2020 permit modification application.

### **7.3 ABANDONMENT OF PIEZOMETERS**

As part of the approved Request, the abandonment and grouting of piezometers depicted on Figure 4 of the Request was completed on May 7, 2020. This was completed in an effort to eliminate unnecessary pathways for surface water to enter the Leachate Collection and Removal System in Phase I-VI. Removed piezometers are identified on **Figure 2** of this report.

### **7.4 EW AND DW PUMP MAINTENANCE**

In an effort to facilitate the removal of liquids from the landfill, routine maintenance was performed on the EW-48 pneumatic pump on September 1, 2020 following erroneous cycle counter readings. The pump was removed, cleaned, and was verified to be operating correctly. Following verification of pump operation, the leachate discharge check valve was discovered to be stuck in a closed position, causing continuous pump cycling with no liquid being removed. The check valve was repaired, returned to service, and confirmed to be operating correctly.



The DW 1-1 and DW 1-2 pneumatic pumps were also removed and cleaned during routine maintenance event on August 26, 2020. The DW 1-1 pump was removed and SCS staff concluded that it required manufacturer maintenance due to an issue with the internal float. The DW 1-2 pump was removed and verified to be operating appropriately. The DW 1-2 pump was returned to service and the DW 1-1 pump was sent to the manufacturer for repairs under warranty. The DW 1-1 pump will be returned to service upon repair and receipt from the manufacturer.

## **8 PLANNED ACTIVITIES**

### **8.1 TH-83 GROUNDWATER TREND TELECONFERENCE**

SCS Engineers coordinated with FDEP and Hillsborough County to schedule a meeting on September 29, 2020 to discuss groundwater trends as requested by the July 1, 2020 inspection letter and the July 15, 2020 Request for Additional Information. The September 29, 2020 meeting will focus on observed and anticipated groundwater trends in monitoring wells adjacent to Phase II.

## **9 CONCLUSIONS**

The SWMD continues to conduct liquid level measurement and dewatering activities in accordance with the Consent Agreement. The SWMD will also continue to pump supplemental locations and monitor leachate pumping rates.

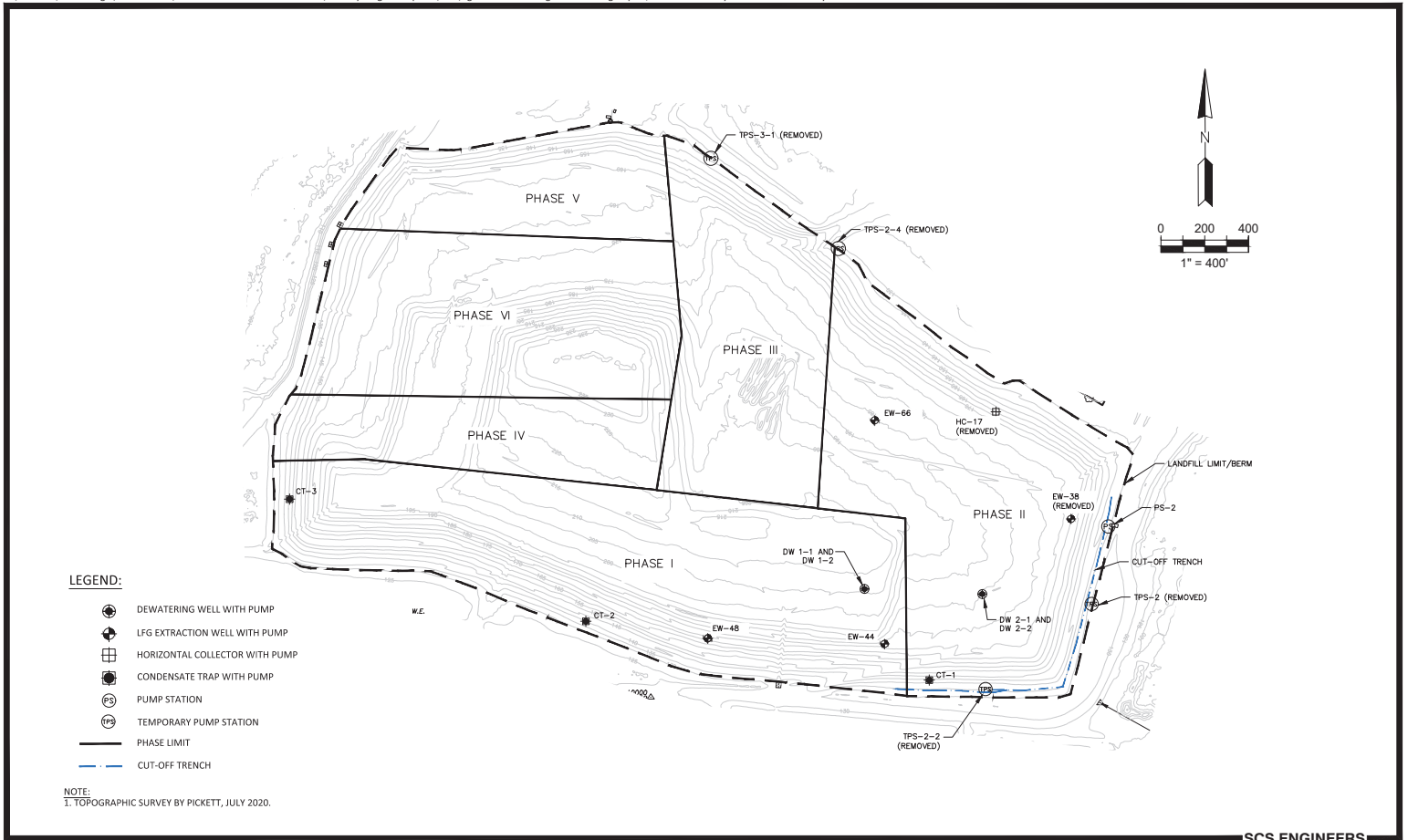


FIGURE 1. MAP OF SUPPLEMENTAL DEWATERING LOCATIONS  
SOUTHEAST COUNTY LANDFILL  
SEPTEMBER 2020

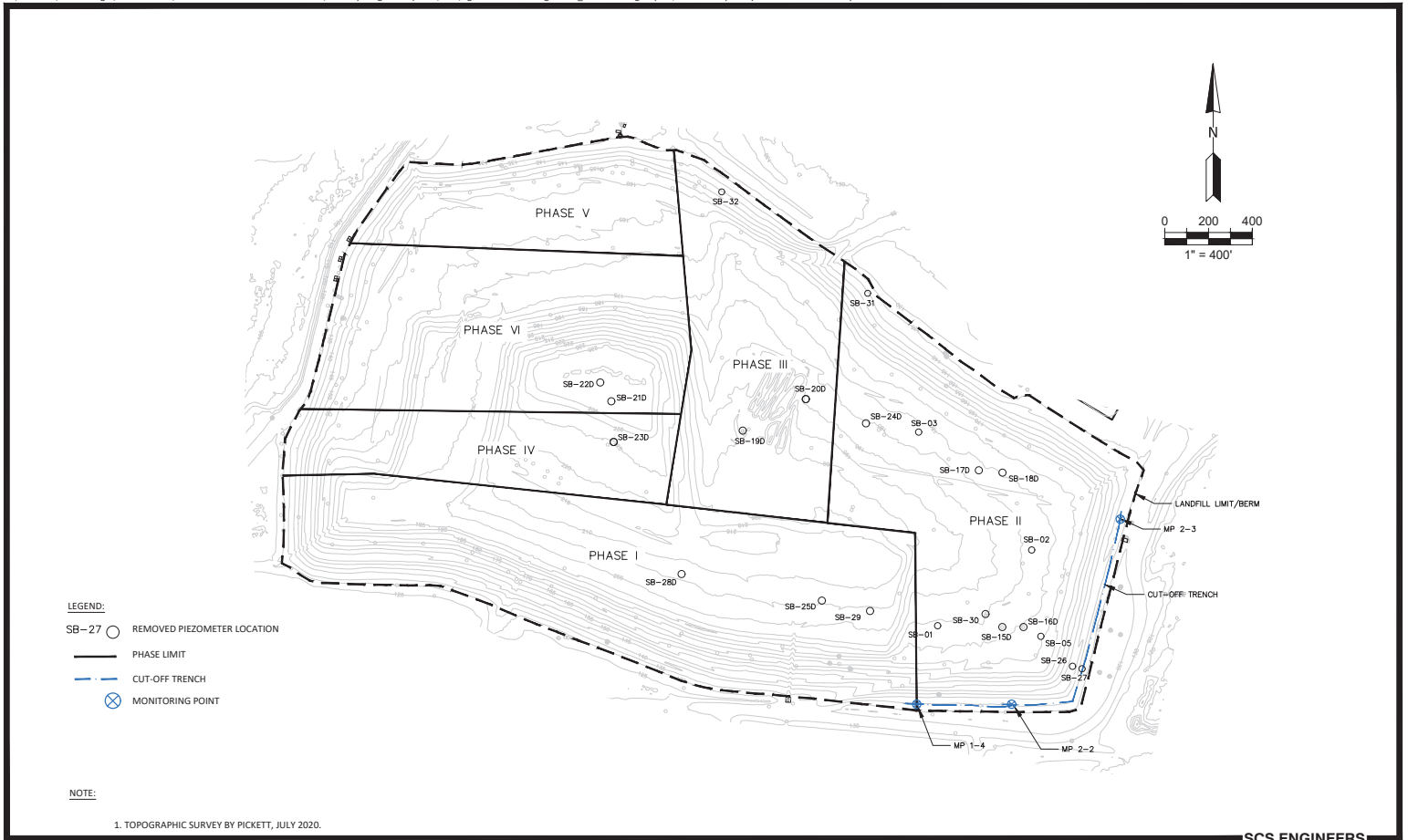



FIGURE 2. MAP OF PIEZOMETERS AND MONITORING POINTS  
SOUTHEAST COUNTY LANDFILL  
SEPTEMBER 2020



## 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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|------------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|            | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|------------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|            | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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           | 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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|------------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|            | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|------------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|            | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|------------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|            | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (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           | 369         | 818         | 44          | 1,329     |                    |                 | 98          |                 | 1,231       |                 |
| 8/2/2019  | 20               | 190        | 0          | -                    | 0           | 330         | 667         | 6           | 1,213     | 7,446              | 1,064           | 210         | 252             | 1,003       | 812             |
| 8/3/2019  | 28               | 71         | 0          | -                    | 14          | 375         | 811         | 1           | 1,300     |                    |                 | 99          |                 | 1,201       |                 |
| 8/4/2019  | 28               | 71         | 0          | -                    | 14          | 375         | 811         | 1           | 1,300     |                    |                 | 99          |                 | 1,201       |                 |
| 8/5/2019  | 81               | 297        | 0          | -                    | 251         | 386         | 797         | 9           | 1,821     |                    |                 | 378         |                 | 1,443       |                 |
| 8/6/2019  | 99               | 129        | 0          | -                    | 208         | 468         | 335         | 18          | 1,257     |                    |                 | 228         |                 | 1,029       |                 |
| 8/7/2019  | 528              | 2,022      | 0          | -                    | 503         | 556         | 895         | 29          | 4,533     |                    |                 | 2,550       |                 | 1,983       |                 |
| 8/8/2019  | 115              | 150        | 0          | -                    | 850         | 250         | 733         | 2           | 2,100     |                    |                 | 265         |                 | 1,835       |                 |
| 8/9/2019  | 121              | 142        | 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          | -                    | 2,118       | 0           | 1,260       | 9           | 4,618     |                    |                 | 1,231       |                 | 3,387       |                 |
| 8/11/2019 | 131              | 1,100      | 0          | -                    | 2,118       | 0           | 1,260       | 9           | 4,618     |                    |                 | 1,231       |                 | 3,387       |                 |
| 8/12/2019 | 135              | 187        | 0          | -                    | 112         | 0           | 1,067       | 9           | 1,510     |                    |                 | 322         |                 | 1,188       |                 |
| 8/13/2019 | 138              | 1,506      | 0          | -                    | 800         | 0           | 1,193       | 3           | 3,640     |                    |                 | 1,644       |                 | 1,996       |                 |
| 8/14/2019 | 97               | 1,529      | 0          | -                    | 3,415       | 0           | 1,058       | 3           | 6,102     |                    |                 | 1,626       |                 | 4,476       |                 |
| 8/15/2019 | 101              | 1,326      | 0          | -                    | 6,593       | 0           | 1,150       | 5           | 9,175     |                    |                 | 1,427       |                 | 7,748       |                 |
| 8/16/2019 | 43               | 79         | 0          | -                    | 624         | 0           | 250         | 1           | 997       | 30,660             | 4,380           | 122         | 1,086           | 875         | 3,294           |
| 8/17/2019 | 0                | 0          | 0          | -                    | 318         | 0           | 2           | 0           | 320       |                    |                 | 0           |                 | 320         |                 |
| 8/18/2019 | 0                | 0          | 0          | -                    | 318         | 0           | 2           | 0           | 320       |                    |                 | 0           |                 | 320         |                 |
| 8/19/2019 | 100              | 495        | 0          | -                    | 41          | 0           | 2,686       | 74          | 3,396     |                    |                 | 595         |                 | 2,801       |                 |
| 8/20/2019 | 98               | 128        | 0          | -                    | 0           | 0           | 1,957       | 0           | 2,183     |                    |                 | 226         |                 | 1,957       |                 |
| 8/21/2019 | 98               | 118        | 0          | -                    | 0           | 0           | 1,718       | 0           | 1,934     |                    |                 | 216         |                 | 1,718       |                 |
| 8/22/2019 | 88               | 111        | 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 (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|------------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|            | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (gpd) |
| 8/23/2019  | 94               | 117        | 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           | 1,301       | 1,482       | 2,989     |                    |                 | 206         |                 | 2,783       |                 |
| 8/25/2019  | 94               | 112        | 0          | -                    | 0           | 0           | 1,301       | 1,482       | 2,989     |                    |                 | 206         |                 | 2,783       |                 |
| 8/26/2019  | 85               | 499        | 0          | -                    | 1           | 0           | 1,312       | 1,544       | 3,441     |                    |                 | 584         |                 | 2,857       |                 |
| 8/27/2019  | 82               | 637        | 0          | -                    | 341         | 1           | 1,208       | 1,515       | 3,784     |                    |                 | 719         |                 | 3,065       |                 |
| 8/28/2019  | 77               | 126        | 0          | -                    | 232         | 1           | 1,047       | 1,451       | 2,934     |                    |                 | 203         |                 | 2,731       |                 |
| 8/29/2019  | 90               | 161        | 0          | -                    | 108         | 0           | 1,219       | 1,870       | 3,448     |                    |                 | 251         |                 | 3,197       |                 |
| 8/30/2019  | 72               | 109        | 0          | -                    | 33          | 0           | 764         | 1,297       | 2,275     | 21,860             | 3,123           | 181         | 336             | 2,094       | 2,787           |
| 8/31/2019  | 100              | 184        | 0          | -                    | 34          | 0           | 961         | 1,508       | 2,787     |                    |                 | 284         |                 | 2,503       |                 |
| 9/1/2019   | 100              | 184        | 0          | -                    | 34          | 0           | 961         | 1,508       | 2,787     |                    |                 | 284         |                 | 2,503       |                 |
| 9/2/2019   | 100              | 184        | 0          | -                    | 34          | 0           | 961         | 1,508       | 2,787     |                    |                 | 284         |                 | 2,503       |                 |
| 9/3/2019   | 102              | 125        | 0          | -                    | 5           | 8           | 834         | 1,424       | 2,498     |                    |                 | 227         |                 | 2,271       |                 |
| 9/4/2019   | 131              | 143        | 0          | -                    | 0           | 312         | 1,076       | 1,468       | 3,130     |                    |                 | 274         |                 | 2,856       |                 |
| 9/5/2019   | 108              | 109        | 0          | -                    | 0           | 1,636       | 665         | 89          | 2,607     |                    |                 | 217         |                 | 2,390       |                 |
| 9/6/2019   | 142              | 139        | 0          | -                    | 0           | 1,409       | 766         | 1,509       | 3,965     | 20,561             | 2,937           | 281         | 264             | 3,684       | 2,673           |
| 9/7/2019   | 136              | 299        | 0          | -                    | 0           | 1,779       | 1,147       | 0           | 3,361     |                    |                 | 435         |                 | 2,926       |                 |
| 9/8/2019   | 136              | 299        | 0          | -                    | 0           | 1,779       | 1,147       | 0           | 3,361     |                    |                 | 435         |                 | 2,926       |                 |
| 9/9/2019   | 297              | 187        | 0          | -                    | 0           | 1,356       | 908         | 0           | 2,748     |                    |                 | 484         |                 | 2,264       |                 |
| 9/10/2019  | 84               | 103        | 0          | -                    | 0           | 818         | 502         | 0           | 1,507     |                    |                 | 187         |                 | 1,320       |                 |
| 9/11/2019  | 122              | 151        | 0          | -                    | 0           | 1,140       | 812         | 0           | 2,225     |                    |                 | 273         |                 | 1,952       |                 |
| 9/12/2019  | 0                | 0          | 0          | -                    | 0           | 0           | 0           | 0           | 0         |                    |                 | 0           |                 | 0           |                 |
| 9/13/2019  | 86               | 122        | 0          | -                    | 1           | 862         | 527         | 0           | 1,598     | 14,800             | 2,114           | 208         | 289             | 1,390       | 1,825           |
| 9/14/2019  | 113              | 153        | 0          | -                    | 0           | 992         | 741         | 2           | 2,001     |                    |                 | 266         |                 | 1,735       |                 |
| 9/15/2019  | 113              | 153        | 0          | -                    | 0           | 992         | 741         | 2           | 2,001     |                    |                 | 266         |                 | 1,735       |                 |
| 9/16/2019  | 117              | 146        | 0          | -                    | 0           | 958         | 767         | 29          | 2,017     |                    |                 | 263         |                 | 1,754       |                 |
| 9/17/2019  | 107              | 137        | 0          | -                    | 0           | 943         | 762         | 27          | 1,976     |                    |                 | 244         |                 | 1,732       |                 |
| 9/18/2019  | 116              | 153        | 0          | -                    | 0           | 974         | 732         | 1           | 1,976     |                    |                 | 269         |                 | 1,707       |                 |
| 9/19/2019  | 94               | 112        | 0          | -                    | 0           | 721         | 490         | 859         | 2,276     |                    |                 | 206         |                 | 2,070       |                 |
| 9/20/2019  | 114              | 128        | 0          | -                    | 0           | 801         | 497         | 659         | 2,199     | 14,446             | 2,064           | 242         | 251             | 1,957       | 1,813           |
| 9/21/2019  | 124              | 147        | 0          | -                    | 0           | 846         | 537         | 0           | 1,654     |                    |                 | 271         |                 | 1,383       |                 |
| 9/22/2019  | 124              | 147        | 0          | -                    | 0           | 846         | 537         | 0           | 1,654     |                    |                 | 271         |                 | 1,383       |                 |
| 9/23/2019  | 115              | 138        | 0          | -                    | 0           | 812         | 503         | 0           | 1,568     |                    |                 | 253         |                 | 1,315       |                 |
| 9/24/2019  | 123              | 147        | 0          | -                    | 0           | 880         | 547         | 1,586       | 3,283     |                    |                 | 270         |                 | 3,013       |                 |
| 9/25/2019  | 41               | 72         | 0          | -                    | 0           | 858         | 596         | 349         | 1,916     |                    |                 | 113         |                 | 1,803       |                 |
| 9/26/2019  | 205              | 237        | 0          | -                    | 0           | 740         | 458         | 1,562       | 3,202     |                    |                 | 442         |                 | 2,760       |                 |
| 9/27/2019  | 117              | 139        | 0          | -                    | 0           | 746         | 492         | 1,182       | 2,676     | 15,953             | 2,279           | 256         | 268             | 2,420       | 2,011           |
| 9/28/2019  | 135              | 153        | 0          | -                    | 0           | 755         | 519         | 0           | 1,562     |                    |                 | 288         |                 | 1,274       |                 |
| 9/29/2019  | 135              | 153        | 0          | -                    | 0           | 755         | 519         | 0           | 1,562     |                    |                 | 288         |                 | 1,274       |                 |
| 9/30/2019  | 138              | 135        | 0          | -                    | 0           | 680         | 474         | 1,949       | 3,376     |                    |                 | 273         |                 | 3,103       |                 |
| 10/1/2019  | 143              | 146        | 0          | -                    | 0           | 682         | 510         | 830         | 2,311     |                    |                 | 289         |                 | 2,022       |                 |
| 10/2/2019  | 154              | 149        | 0          | -                    | 0           | 689         | 534         | 1,148       | 2,674     |                    |                 | 303         |                 | 2,371       |                 |
| 10/3/2019  | 153              | 140        | 0          | -                    | 0           | 681         | 550         | 776         | 2,300     |                    |                 | 293         |                 | 2,007       |                 |
| 10/4/2019  | 113              | 111        | 0          | -                    | 0           | 492         | 364         | 862         | 1,942     | 15,727             | 2,247           | 224         | 280             | 1,718       | 1,967           |
| 10/5/2019  | 175              | 153        | 0          | -                    | 0           | 630         | 543         | 0           | 1,501     |                    |                 | 328         |                 | 1,173       |                 |
| 10/6/2019  | 175              | 153        | 0          | -                    | 0           | 630         | 543         | 0           | 1,501     |                    |                 | 328         |                 | 1,173       |                 |
| 10/7/2019  | 175              | 165        | 0          | -                    | 0           | 629         | 610         | 1,567       | 3,146     |                    |                 | 340         |                 | 2,806       |                 |
| 10/8/2019  | 122              | 113        | 0          | -                    | 0           | 652         | 448         | 888         | 2,223     |                    |                 | 235         |                 | 1,988       |                 |
| 10/9/2019  | 129              | 120        | 0          | -                    | 0           | 570         | 437         | 747         | 2,003     |                    |                 | 249         |                 | 1,754       |                 |
| 10/10/2019 | 157              | 148        | 0          | -                    | 0           | 574         | 508         | 866         | 2,253     |                    |                 | 305         |                 | 1,948       |                 |
| 10/11/2019 | 132              | 124        | 0          | -                    | 0           | 513         | 456         | 693         | 1,918     | 14,545             | 2,078           | 256         | 292             | 1,662       | 1,786           |
| 10/12/2019 | 146              | 128        | 0          | -                    | 0           | 520         | 499         | 3           | 1,296     |                    |                 | 274         |                 | 1,022       |                 |
| 10/13/2019 | 146              | 128        | 0          | -                    | 0           | 520         | 499         | 3           | 1,296     |                    |                 | 274         |                 | 1,022       |                 |
| 10/14/2019 | 116              | 104        | 0          | -                    | 0           | 494         | 380         | 2,822       | 3,916     |                    |                 | 220         |                 | 3,696       |                 |
| 10/15/2019 | 124              | 125        | 0          | -                    | 0           | 547         | 419         | 1,109       | 2,324     |                    |                 | 249         |                 | 2,075       |                 |
| 10/16/2019 | 119              | 134        | 0          | -                    | 0           | 562         | 457         | 1,608       | 2,880     |                    |                 | 253         |                 | 2,627       |                 |
| 10/17/2019 | 117              | 131        | 0          | -                    | 0           | 522         | 444         | 1,522       | 2,736     |                    |                 | 248         |                 | 2,488       |                 |
| 10/18/2019 | 119              | 1,216      | 0          | -                    | 622         | 579         | 482         | 1,461       | 4,479     | 18,927             | 2,704           | 1,335       | 408             | 3,144       | 2,296           |
| 10/19/2019 | 150              | 177        | 0          | -                    | 754         | 544         | 454         | 6           | 2,085     |                    |                 | 327         |                 | 1,758       |                 |
| 10/20/2019 | 150              | 177        | 0          | -                    | 754         | 544         | 454         | 6           | 2,085     |                    |                 | 327         |                 | 1,758       |                 |
| 10/21/2019 | 155              | 126        | 0          | -                    | 521         | 563         | 403         | 6,606       | 8,374     |                    |                 | 281         |                 | 8,093       |                 |
| 10/22/2019 | 190              | 148        | 0          | -                    | 974         | 607         | 450         | 2,369       | 4,738     |                    |                 | 338         |                 | 4,400       |                 |
| 10/23/2019 | 173              | 130        | 0          | -                    | 702         | 549         | 400         | 1,761       | 3,715     |                    |                 | 303         |                 | 3,412       |                 |
| 10/24/2019 | 162              | 141        | 0          | -                    | 331         | 628         | 415         | 2,761       | 4,438     |                    |                 | 303         |                 | 4,135       |                 |
| 10/25/2019 | 155              | 136        | 0          | -                    | 93          | 640         | 426         | 0           | 1,450     | 26,885             | 3,841           | 291         | 310             | 1,159       | 3,531           |
| 10/26/2019 | 176              | 145        | 0          | -                    | 145         | 593         | 463         | 7           | 1,529     |                    |                 | 321         |                 | 1,208       |                 |

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

| DATE       | Condensate Traps |            |            | LFG Extraction Wells |             |             |             |             | All (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|------------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|            | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (gpd) |
| 10/27/2019 | 176              | 145        | 0          | -                    | 145         | 593         | 463         | 7           | 1,529     |                    |                 | 321         |                 | 1,208       |                 |
| 10/28/2019 | 179              | 145        | 0          | -                    | 267         | 404         | 453         | 3,647       | 5,095     |                    |                 | 324         |                 | 4,771       |                 |
| 10/29/2019 | 188              | 157        | 0          | -                    | 860         | 890         | 529         | 3,887       | 6,511     |                    |                 | 345         |                 | 6,166       |                 |
| 10/30/2019 | 57               | 75         | 0          | -                    | 524         | 503         | 430         | 2,484       | 4,073     |                    |                 | 132         |                 | 3,941       |                 |
| 10/31/2019 | 179              | 156        | 0          | -                    | 133         | 788         | 527         | 1,918       | 3,701     |                    |                 | 335         |                 | 3,366       |                 |
| 11/1/2019  | 161              | 139        | 0          | -                    | 4           | 626         | 480         | 1,865       | 3,275     | 25,713             | 3,673           | 300         | 297             | 2,975       | 3,376           |
| 11/2/2019  | 146              | 157        | 0          | -                    | 165         | 653         | 524         | 6           | 1,651     |                    |                 | 303         |                 | 1,348       |                 |
| 11/3/2019  | 146              | 157        | 0          | -                    | 165         | 653         | 524         | 6           | 1,651     |                    |                 | 303         |                 | 1,348       |                 |
| 11/4/2019  | 147              | 153        | 0          | -                    | 6           | 661         | 539         | 4,215       | 5,721     |                    |                 | 300         |                 | 5,421       |                 |
| 11/5/2019  | 158              | 148        | 0          | -                    | 0           | 631         | 515         | 1,772       | 3,224     |                    |                 | 306         |                 | 2,918       |                 |
| 11/6/2019  | 262              | 185        | 0          | -                    | 0           | 625         | 667         | 2,201       | 3,940     |                    |                 | 447         |                 | 3,493       |                 |
| 11/7/2019  | 140              | 168        | 0          | -                    | 0           | 761         | 516         | 2,311       | 3,896     |                    |                 | 308         |                 | 3,588       |                 |
| 11/8/2019  | 115              | 136        | 0          | -                    | 0           | 513         | 411         | 2,123       | 3,298     | 23,381             | 3,340           | 251         | 317             | 3,047       | 3,023           |
| 11/9/2019  | 140              | 178        | 0          | -                    | 0           | 596         | 503         | 0           | 1,417     |                    |                 | 318         |                 | 1,099       |                 |
| 11/10/2019 | 140              | 178        | 0          | -                    | 0           | 596         | 503         | 0           | 1,417     |                    |                 | 318         |                 | 1,099       |                 |
| 11/11/2019 | 126              | 202        | 0          | -                    | 0           | 655         | 510         | 0           | 1,493     |                    |                 | 328         |                 | 1,165       |                 |
| 11/12/2019 | 139              | 205        | 0          | -                    | 0           | 677         | 555         | 4,743       | 6,319     |                    |                 | 344         |                 | 5,975       |                 |
| 11/13/2019 | 131              | 128        | 0          | -                    | 0           | 548         | 463         | 1,732       | 3,002     |                    |                 | 259         |                 | 2,743       |                 |
| 11/14/2019 | 132              | 148        | 0          | -                    | 0           | 626         | 529         | 2,311       | 3,746     |                    |                 | 280         |                 | 3,466       |                 |
| 11/15/2019 | 126              | 149        | 0          | -                    | 0           | 646         | 512         | 2,306       | 3,739     | 21,133             | 3,019           | 275         | 303             | 3,464       | 2,716           |
| 11/16/2019 | 124              | 141        | 0          | -                    | 253         | 618         | 496         | 0           | 1,632     |                    |                 | 265         |                 | 1,367       |                 |
| 11/17/2019 | 124              | 141        | 0          | -                    | 253         | 618         | 496         | 0           | 1,632     |                    |                 | 265         |                 | 1,367       |                 |
| 11/18/2019 | 102              | 116        | 0          | -                    | 270         | 269         | 473         | 6,245       | 7,475     |                    |                 | 218         |                 | 7,257       |                 |
| 11/19/2019 | 95               | 120        | 0          | -                    | 199         | 738         | 491         | 509         | 2,152     |                    |                 | 215         |                 | 1,937       |                 |
| 11/20/2019 | 68               | 82         | 0          | -                    | 56          | 601         | 536         | 3,373       | 4,716     |                    |                 | 150         |                 | 4,566       |                 |
| 11/21/2019 | 31               | 52         | 0          | -                    | 14          | 605         | 361         | 0           | 1,063     |                    |                 | 83          |                 | 980         |                 |
| 11/22/2019 | 47               | 62         | 0          | -                    | 1           | 642         | 433         | 1,338       | 2,523     | 21,193             | 3,028           | 109         | 186             | 2,414       | 2,841           |
| 11/23/2019 | 197              | 81         | 0          | -                    | 127         | 632         | 453         | 0           | 1,490     |                    |                 | 278         |                 | 1,212       |                 |
| 11/24/2019 | 51               | 81         | 0          | -                    | 127         | 632         | 453         | 0           | 1,344     |                    |                 | 132         |                 | 1,212       |                 |
| 11/25/2019 | 64               | 80         | 0          | -                    | 130         | 621         | 485         | 0           | 1,380     |                    |                 | 144         |                 | 1,236       |                 |
| 11/26/2019 | 56               | 72         | 0          | -                    | 2           | 528         | 420         | 5,359       | 6,437     |                    |                 | 128         |                 | 6,309       |                 |
| 11/27/2019 | 70               | 80         | 0          | -                    | 1           | 521         | 417         | 179         | 1,268     |                    |                 | 150         |                 | 1,118       |                 |
| 11/28/2019 | 70               | 80         | 0          | -                    | 1           | 521         | 417         | 179         | 1,268     |                    |                 | 150         |                 | 1,118       |                 |
| 11/29/2019 | 90               | 78         | 0          | -                    | 0           | 539         | 427         | 0           | 1,134     | 14,321             | 2,046           | 168         | 164             | 966         | 1,882           |
| 11/30/2019 | 30               | 54         | 0          | -                    | 31          | 510         | 401         | 0           | 1,026     |                    |                 | 84          |                 | 942         |                 |
| 12/1/2019  | 13               | 38         | 0          | -                    | 7           | 596         | 461         | 0           | 1,115     |                    |                 | 51          |                 | 1,064       |                 |
| 12/2/2019  | 46               | 61         | 0          | -                    | 0           | 540         | 353         | 6,613       | 7,613     |                    |                 | 107         |                 | 7,506       |                 |
| 12/3/2019  | 60               | 78         | 0          | -                    | 0           | 615         | 388         | 189         | 1,330     |                    |                 | 138         |                 | 1,192       |                 |
| 12/4/2019  | 85               | 90         | 0          | -                    | 0           | 671         | 427         | 4,391       | 5,664     |                    |                 | 175         |                 | 5,489       |                 |
| 12/5/2019  | 50               | 61         | 0          | -                    | 0           | 417         | 494         | 2,307       | 3,329     |                    |                 | 111         |                 | 3,218       |                 |
| 12/6/2019  | 65               | 83         | 0          | -                    | 0           | 544         | 652         | 1,907       | 3,251     | 23,328             | 3,333           | 148         | 116             | 3,103       | 3,216           |
| 12/7/2019  | 66               | 79         | 0          | -                    | 0           | 558         | 57          | 1,892       | 2,652     |                    |                 | 145         |                 | 2,507       |                 |
| 12/8/2019  | 66               | 79         | 0          | -                    | 0           | 558         | 57          | 1,892       | 2,652     |                    |                 | 145         |                 | 2,507       |                 |
| 12/9/2019  | 81               | 92         | 0          | -                    | 0           | 564         | 365         | 1,334       | 2,436     |                    |                 | 173         |                 | 2,263       |                 |
| 12/10/2019 | 86               | 88         | 0          | -                    | 0           | 553         | 387         | 2,434       | 3,548     |                    |                 | 174         |                 | 3,374       |                 |
| 12/11/2019 | 87               | 89         | 0          | -                    | 0           | 527         | 383         | 2,051       | 3,137     |                    |                 | 176         |                 | 2,961       |                 |
| 12/12/2019 | 83               | 99         | 0          | -                    | 0           | 562         | 390         | 1,926       | 3,060     |                    |                 | 182         |                 | 2,878       |                 |
| 12/13/2019 | 79               | 77         | 0          | -                    | 0           | 598         | 391         | 2,173       | 3,318     | 20,803             | 2,972           | 156         | 164             | 3,162       | 2,807           |
| 12/14/2019 | 81               | 82         | 0          | -                    | 0           | 518         | 369         | 0           | 1,050     |                    |                 | 163         |                 | 887         |                 |
| 12/15/2019 | 81               | 82         | 0          | -                    | 0           | 518         | 369         | 0           | 1,050     |                    |                 | 163         |                 | 887         |                 |
| 12/16/2019 | 81               | 79         | 0          | -                    | 0           | 520         | 367         | 3,668       | 4,715     |                    |                 | 160         |                 | 4,555       |                 |
| 12/17/2019 | 78               | 189        | 0          | -                    | 0           | 567         | 386         | 1,912       | 3,132     |                    |                 | 267         |                 | 2,865       |                 |
| 12/18/2019 | 61               | 87         | 0          | -                    | 133         | 490         | 345         | 2,389       | 3,505     |                    |                 | 148         |                 | 3,357       |                 |
| 12/19/2019 | 86               | 97         | 0          | -                    | 65          | 493         | 336         | 0           | 1,077     |                    |                 | 183         |                 | 894         |                 |
| 12/20/2019 | 73               | 88         | 0          | -                    | 17          | 482         | 322         | 3,084       | 4,066     | 18,595             | 2,656           | 161         | 178             | 3,905       | 2,479           |
| 12/21/2019 | 81               | 104        | 0          | -                    | 231         | 551         | 224         | 0           | 1,191     |                    |                 | 185         |                 | 1,006       |                 |
| 12/22/2019 | 81               | 104        | 0          | -                    | 231         | 551         | 224         | 0           | 1,191     |                    |                 | 185         |                 | 1,006       |                 |

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

| DATE       | Condensate Traps |            |            | LFG Extraction Wells |             |             |             |             | All (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|------------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|            | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (gpd) |
| 12/23/2019 | 72               | 96         | 0          | -                    | 1,872       | 507         | 0           | 5,233       | 7,780     |                    |                 | 168         |                 | 7,612       |                 |
| 12/24/2019 | 82               | 102        | 0          | -                    | 501         | 474         | 0           | 0           | 1,159     |                    |                 | 184         |                 | 975         |                 |
| 12/25/2019 | 82               | 102        | 0          | -                    | 501         | 474         | 0           | 0           | 1,159     |                    |                 | 184         |                 | 975         |                 |
| 12/26/2019 | 104              | 133        | 0          | -                    | 139         | 478         | 0           | 808         | 1,662     |                    |                 | 237         |                 | 1,425       |                 |
| 12/27/2019 | 83               | 111        | 0          | -                    | 64          | 397         | 2           | 508         | 1,165     | 15,307             | 2,187           | 194         | 191             | 971         | 1,996           |
| 12/28/2019 | 104              | 138        | 0          | -                    | 28          | 471         | 0           | 0           | 741       |                    |                 | 242         |                 | 499         |                 |
| 12/29/2019 | 104              | 138        | 0          | -                    | 28          | 471         | 0           | 0           | 741       |                    |                 | 242         |                 | 499         |                 |
| 12/30/2019 | 94               | 130        | 0          | -                    | 4           | 451         | 401         | 0           | 1,080     |                    |                 | 224         |                 | 856         |                 |
| 12/31/2019 | 98               | 129        | 0          | -                    | 0           | 447         | 0           | 0           | 674       |                    |                 | 227         |                 | 447         |                 |
| 1/1/2020   | 98               | 129        | 0          | -                    | 0           | 447         | 0           | 0           | 674       |                    |                 | 227         |                 | 447         |                 |
| 1/2/2020   | 97               | 121        | 0          | -                    | 0           | 462         | 0           | 3,451       | 4,131     |                    |                 | 218         |                 | 3,913       |                 |
| 1/3/2020   | 89               | 120        | 0          | -                    | 0           | 438         | 0           | 797         | 1,444     | 9,485              | 1,355           | 209         | 227             | 1,235       | 1,128           |
| 1/4/2020   | 96               | 123        | 0          | -                    | 0           | 433         | 0           | 2           | 654       |                    |                 | 219         |                 | 435         |                 |
| 1/5/2020   | 96               | 123        | 0          | -                    | 0           | 433         | 0           | 2           | 654       |                    |                 | 219         |                 | 435         |                 |
| 1/6/2020   | 90               | 110        | 0          | -                    | 0           | 414         | 103         | 1,112       | 1,829     |                    |                 | 200         |                 | 1,629       |                 |
| 1/7/2020   | 90               | 107        | 0          | -                    | 0           | 407         | 0           | 831         | 1,435     |                    |                 | 197         |                 | 1,238       |                 |
| 1/8/2020   | 89               | 108        | 0          | -                    | 0           | 378         | 41          | 574         | 1,190     |                    |                 | 197         |                 | 993         |                 |
| 1/9/2020   | 94               | 113        | 0          | -                    | 0           | 417         | 0           | 703         | 1,327     |                    |                 | 207         |                 | 1,120       |                 |
| 1/10/2020  | 98               | 130        | 0          | -                    | 0           | 426         | 0           | 0           | 654       | 7,743              | 1,106           | 228         | 210             | 426         | 897             |
| 1/11/2020  | 35               | 69         | 0          | -                    | 0           | 344         | 0           | 0           | 448       |                    |                 | 104         |                 | 344         |                 |
| 1/12/2020  | 91               | 125        | 0          | -                    | 0           | 448         | 92          | 0           | 756       |                    |                 | 216         |                 | 540         |                 |
| 1/13/2020  | 109              | 98         | 0          | -                    | 0           | 425         | 125         | 737         | 1,494     |                    |                 | 207         |                 | 1,287       |                 |
| 1/14/2020  | 109              | 60         | 0          | -                    | 0           | 440         | 0           | 137         | 746       |                    |                 | 169         |                 | 577         |                 |
| 1/15/2020  | 89               | 108        | 0          | -                    | 0           | 361         | 41          | 43          | 642       |                    |                 | 197         |                 | 445         |                 |
| 1/16/2020  | 106              | 127        | 0          | -                    | 0           | 405         | 71          | 274         | 983       |                    |                 | 233         |                 | 750         |                 |
| 1/17/2020  | 183              | 225        | 0          | -                    | 0           | 754         | 2           | 270         | 1,434     | 6,503              | 929             | 408         | 219             | 1,026       | 710             |
| 1/18/2020  | 52               | 49         | 0          | -                    | 0           | 209         | 0           | 0           | 310       |                    |                 | 101         |                 | 209         |                 |
| 1/19/2020  | 52               | 49         | 0          | -                    | 0           | 209         | 0           | 0           | 310       |                    |                 | 101         |                 | 209         |                 |
| 1/20/2020  | 96               | 63         | 0          | -                    | 0           | 387         | 0           | 0           | 546       |                    |                 | 159         |                 | 387         |                 |
| 1/21/2020  | 89               | 44         | 0          | -                    | 0           | 385         | 53          | 969         | 1,540     |                    |                 | 133         |                 | 1,407       |                 |
| 1/22/2020  | 94               | 105        | 0          | -                    | 0           | 326         | 0           | 860         | 1,385     |                    |                 | 199         |                 | 1,186       |                 |
| 1/23/2020  | 126              | 28         | 0          | -                    | 0           | 465         | 0           | 0           | 619       |                    |                 | 154         |                 | 465         |                 |
| 1/24/2020  | 119              | 0          | 0          | -                    | 0           | 396         | 0           | 743         | 1,258     | 5,968              | 853             | 119         | 138             | 1,139       | 715             |
| 1/25/2020  | 136              | 0          | 0          | -                    | 0           | 406         | 30          | 0           | 572       |                    |                 | 136         |                 | 436         |                 |
| 1/26/2020  | 136              | 0          | 0          | -                    | 0           | 406         | 30          | 0           | 572       |                    |                 | 136         |                 | 436         |                 |
| 1/27/2020  | 114              | 0          | 0          | -                    | 0           | 386         | 37          | 932         | 1,469     |                    |                 | 114         |                 | 1,355       |                 |
| 1/28/2020  | 122              | 211        | 0          | -                    | 0           | 370         | 58          | 402         | 1,163     |                    |                 | 333         |                 | 830         |                 |
| 1/29/2020  | 146              | 92         | 0          | -                    | 0           | 387         | 46          | 596         | 1,267     |                    |                 | 238         |                 | 1,029       |                 |
| 1/30/2020  | 134              | 100        | 0          | -                    | 0           | 366         | 54          | 726         | 1,380     |                    |                 | 234         |                 | 1,146       |                 |
| 1/31/2020  | 130              | 111        | 0          | -                    | 0           | 371         | 0           | 633         | 1,245     | 7,668              | 1,095           | 241         | 205             | 1,004       | 891             |
| 2/1/2020   | 130              | 103        | 0          | -                    | 0           | 362         | 32          | 0           | 627       |                    |                 | 233         |                 | 394         |                 |
| 2/2/2020   | 130              | 103        | 0          | -                    | 0           | 362         | 32          | 0           | 627       |                    |                 | 233         |                 | 394         |                 |
| 2/3/2020   | 136              | 107        | 0          | -                    | 0           | 360         | 41          | 99          | 743       |                    |                 | 243         |                 | 500         |                 |
| 2/4/2020   | 128              | 111        | 0          | -                    | 0           | 355         | 52          | 44          | 690       |                    |                 | 239         |                 | 451         |                 |
| 2/5/2020   | 135              | 111        | 0          | -                    | 0           | 401         | 43          | 394         | 1,084     |                    |                 | 246         |                 | 838         |                 |
| 2/6/2020   | 113              | 122        | 0          | -                    | 0           | 368         | 65          | 529         | 1,197     |                    |                 | 235         |                 | 962         |                 |
| 2/7/2020   | 92               | 106        | 0          | -                    | 0           | 288         | 0           | 328         | 814       | 5,782              | 826             | 198         | 232             | 616         | 594             |
| 2/8/2020   | 129              | 120        | 0          | -                    | 0           | 314         | 25          | 0           | 588       |                    |                 | 249         |                 | 339         |                 |
| 2/9/2020   | 129              | 120        | 0          | -                    | 0           | 314         | 25          | 0           | 588       |                    |                 | 249         |                 | 339         |                 |
| 2/10/2020  | 117              | 111        | 0          | -                    | 0           | 325         | 62          | 678         | 1,293     |                    |                 | 228         |                 | 1,065       |                 |
| 2/11/2020  | 131              | 122        | 0          | -                    | 0           | 346         | 0           | 623         | 1,222     |                    |                 | 253         |                 | 969         |                 |
| 2/12/2020  | 178              | 168        | 0          | -                    | 0           | 425         | 47          | 0           | 818       |                    |                 | 346         |                 | 472         |                 |
| 2/13/2020  | 1                | 78         | 0          | -                    | 0           | 210         | 38          | 0           | 327       |                    |                 | 79          |                 | 248         |                 |
| 2/14/2020  | 75               | 66         | 0          | -                    | 0           | 271         | 40          | 888         | 1,340     | 6,176              | 882             | 141         | 221             | 1,199       | 662             |
| 2/15/2020  | 215              | 106        | 0          | -                    | 0           | 323         | 34          | 0           | 678       |                    |                 | 321         |                 | 357         |                 |
| 2/16/2020  | 215              | 106        | 0          | -                    | 0           | 323         | 34          | 0           | 678       |                    |                 | 321         |                 | 357         |                 |
| 2/17/2020  | 167              | 103        | 0          | -                    | 0           | 313         | 31          | 801         | 1,415     |                    |                 | 270         |                 | 1,145       |                 |
| 2/18/2020  | 178              | 131        | 0          | -                    | 0           | 328         | 43          | 673         | 1,353     |                    |                 | 309         |                 | 1,044       |                 |
| 2/19/2020  | 183              | 143        | 0          | -                    | 0           | 369         | 47          | 613         | 1,355     |                    |                 | 326         |                 | 1,029       |                 |
| 2/20/2020  | 126              | 106        | 0          | -                    | 0           | 257         | 48          | 1           | 538       |                    |                 | 232         |                 | 306         |                 |
| 2/21/2020  | 134              | 103        | 0          | -                    | 0           | 281         | 0           | 482         | 1,000     | 7,017              | 1,002           | 237         | 288             | 763         | 714             |
| 2/22/2020  | 146              | 120        | 0          | -                    | 0           | 310         | 25          | 0           | 601       |                    |                 | 266         |                 | 335         |                 |
| 2/23/2020  | 146              | 120        | 0          | -                    | 0           | 310         | 25          | 0           | 601       |                    |                 | 266         |                 | 335         |                 |
| 2/24/2020  | 137              | 105        | 0          | -                    | 0           | 338         | 34          | 155         | 769       |                    |                 | 242         |                 | 527         |                 |
| 2/25/2020  | 139              | 116        | 0          | -                    | 0           | 322         | 33          | 0           | 610       |                    |                 | 255         |                 | 355         |                 |

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

| DATE      | Condensate Traps |            |            | LFG Extraction Wells |             |             |             |             | All (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (gpd) |
| 2/26/2020 | 141              | 125        | 0          | -                    | 0           | 301         | 42          | 777         | 1,386     |                    |                 | 266         |                 | 1,120       |                 |
| 2/27/2020 | 126              | 109        | 0          | -                    | 0           | 280         | 33          | 513         | 1,061     |                    |                 | 235         |                 | 826         |                 |
| 2/28/2020 | 132              | 111        | 0          | -                    | 0           | 289         | 30          | 900         | 1,462     | 6,490              | 927             | 243         | 253             | 1,219       | 674             |
| 2/29/2020 | 123              | 94         | 0          | -                    | 0           | 262         | 30          | 0           | 509       |                    |                 | 217         |                 | 292         |                 |
| 3/1/2020  | 153              | 135        | 0          | -                    | 0           | 334         | 36          | 3           | 661       |                    |                 | 288         |                 | 373         |                 |
| 3/2/2020  | 134              | 113        | 0          | -                    | 0           | 298         | 34          | 737         | 1,316     |                    |                 | 247         |                 | 1,069       |                 |
| 3/3/2020  | 158              | 125        | 0          | -                    | 0           | 323         | 40          | 529         | 1,175     |                    |                 | 283         |                 | 892         |                 |
| 3/4/2020  | 161              | 102        | 0          | -                    | 0           | 288         | 40          | 455         | 1,046     |                    |                 | 263         |                 | 783         |                 |
| 3/5/2020  | 135              | 80         | 0          | -                    | 0           | 0           | 0           | 409         | 624       |                    |                 | 215         |                 | 409         |                 |
| 3/6/2020  | 148              | 69         | 0          | -                    | 0           | 304         | 50          | 148         | 719       | 6,050              | 864             | 217         | 247             | 502         | 617             |
| 3/7/2020  | 148              | 69         | 0          | -                    | 0           | 304         | 50          | 148         | 719       |                    |                 | 217         |                 | 502         |                 |
| 3/8/2020  | 148              | 69         | 0          | -                    | 0           | 304         | 50          | 148         | 719       |                    |                 | 217         |                 | 502         |                 |
| 3/9/2020  | 135              | 62         | 0          | -                    | 0           | 232         | 36          | 610         | 1,075     |                    |                 | 197         |                 | 878         |                 |
| 3/10/2020 | 185              | 88         | 0          | -                    | 0           | 316         | 34          | 428         | 1,051     |                    |                 | 273         |                 | 778         |                 |
| 3/11/2020 | 149              | 70         | 0          | -                    | 0           | 290         | 25          | 434         | 968       |                    |                 | 219         |                 | 749         |                 |
| 3/12/2020 | 159              | 73         | 0          | -                    | 0           | 280         | 35          | 411         | 958       |                    |                 | 232         |                 | 726         |                 |
| 3/13/2020 | 183              | 84         | 0          | -                    | 0           | 277         | 36          | 139         | 719       | 6,209              | 887             | 267         | 232             | 452         | 655             |
| 3/14/2020 | 183              | 84         | 0          | -                    | 0           | 277         | 36          | 139         | 719       |                    |                 | 267         |                 | 452         |                 |
| 3/15/2020 | 183              | 84         | 0          | -                    | 0           | 277         | 36          | 139         | 719       |                    |                 | 267         |                 | 452         |                 |
| 3/16/2020 | 165              | 77         | 0          | -                    | 0           | 262         | 41          | 619         | 1,164     |                    |                 | 242         |                 | 922         |                 |
| 3/17/2020 | 206              | 87         | 0          | -                    | 0           | 291         | 32          | 429         | 1,045     |                    |                 | 293         |                 | 752         |                 |
| 3/18/2020 | 162              | 74         | 0          | -                    | 0           | 248         | 39          | 398         | 921       |                    |                 | 236         |                 | 685         |                 |
| 3/19/2020 | 182              | 81         | 0          | -                    | 0           | 292         | 42          | 352         | 949       |                    |                 | 263         |                 | 686         |                 |
| 3/20/2020 | 173              | 78         | 0          | -                    | 0           | 263         | 19          | 124         | 657       | 6,174              | 882             | 251         | 260             | 406         | 622             |
| 3/21/2020 | 173              | 78         | 0          | -                    | 0           | 263         | 19          | 124         | 657       |                    |                 | 251         |                 | 406         |                 |
| 3/22/2020 | 173              | 78         | 0          | -                    | 0           | 263         | 19          | 124         | 657       |                    |                 | 251         |                 | 406         |                 |
| 3/23/2020 | 182              | 81         | 0          | -                    | 0           | 260         | 31          | 572         | 1,126     |                    |                 | 263         |                 | 863         |                 |
| 3/24/2020 | 163              | 74         | 0          | -                    | 0           | 287         | 33          | 408         | 965       |                    |                 | 237         |                 | 728         |                 |
| 3/25/2020 | 176              | 75         | 0          | -                    | 0           | 286         | 34          | 389         | 960       |                    |                 | 251         |                 | 709         |                 |
| 3/26/2020 | 173              | 75         | 0          | -                    | 0           | 268         | 39          | 362         | 917       |                    |                 | 248         |                 | 669         |                 |
| 3/27/2020 | 162              | 66         | 0          | -                    | 0           | 246         | 40          | 344         | 858       | 6,140              | 877             | 228         | 247             | 630         | 630             |
| 3/28/2020 | 185              | 78         | 0          | -                    | 0           | 259         | 34          | 0           | 556       |                    |                 | 263         |                 | 293         |                 |
| 3/29/2020 | 185              | 78         | 0          | -                    | 0           | 259         | 34          | 0           | 556       |                    |                 | 263         |                 | 293         |                 |
| 3/30/2020 | 368              | 160        | 0          | -                    | 0           | 629         | 71          | 527         | 1,755     |                    |                 | 528         |                 | 1,227       |                 |
| 3/31/2020 | 0                | 0          | 0          | -                    | 0           | 0           | 0           | 44          | 44        |                    |                 | 0           |                 | 44          |                 |
| 4/1/2020  | 147              | 53         | 0          | -                    | 0           | 177         | 55          | 710         | 1,142     |                    |                 | 200         |                 | 942         |                 |
| 4/2/2020  | 109              | 42         | 0          | -                    | 0           | 231         | 35          | 428         | 845       |                    |                 | 151         |                 | 694         |                 |
| 4/3/2020  | 152              | 58         | 0          | -                    | 0           | 248         | 35          | 295         | 788       | 5,686              | 812             | 210         | 231             | 578         | 582             |
| 4/4/2020  | 168              | 63         | 0          | -                    | 0           | 256         | 34          | 2           | 523       |                    |                 | 231         |                 | 292         |                 |
| 4/5/2020  | 168              | 63         | 0          | -                    | 0           | 256         | 34          | 2           | 523       |                    |                 | 231         |                 | 292         |                 |
| 4/6/2020  | 148              | 60         | 0          | -                    | 0           | 231         | 35          | 524         | 998       |                    |                 | 208         |                 | 790         |                 |
| 4/7/2020  | 35               | 24         | 0          | -                    | 0           | 53          | 0           | 0           | 112       |                    |                 | 59          |                 | 53          |                 |
| 4/8/2020  | 164              | 135        | 0          | -                    | 0           | 348         | 35          | 708         | 1,390     |                    |                 | 299         |                 | 1,091       |                 |
| 4/9/2020  | 103              | 76         | 0          | -                    | 0           | 320         | 35          | 304         | 838       |                    |                 | 179         |                 | 659         |                 |
| 4/10/2020 | 103              | 76         | 0          | -                    | 0           | 207         | 33          | 58          | 477       | 4,861              | 694             | 179         | 198             | 298         | 496             |
| 4/11/2020 | 139              | 98         | 0          | -                    | 0           | 224         | 41          | 0           | 502       |                    |                 | 237         |                 | 265         |                 |
| 4/12/2020 | 139              | 98         | 0          | -                    | 0           | 224         | 41          | 0           | 502       |                    |                 | 237         |                 | 265         |                 |
| 4/13/2020 | 141              | 102        | 0          | -                    | 0           | 303         | 30          | 436         | 1,012     |                    |                 | 243         |                 | 769         |                 |
| 4/14/2020 | 139              | 118        | 0          | -                    | 0           | 269         | 34          | 336         | 896       |                    |                 | 257         |                 | 639         |                 |
| 4/15/2020 | 109              | 89         | 0          | -                    | 0           | 215         | 37          | 309         | 759       |                    |                 | 198         |                 | 561         |                 |
| 4/16/2020 | 122              | 84         | 0          | -                    | 0           | 172         | 36          | 245         | 659       |                    |                 | 206         |                 | 453         |                 |
| 4/17/2020 | 25               | 41         | 0          | -                    | 0           | 144         | 36          | 243         | 489       | 4,819              | 688             | 66          | 206             | 423         | 482             |
| 4/18/2020 | 8                | 30         | 0          | -                    | 0           | 210         | 36          | 0           | 284       |                    |                 | 38          |                 | 246         |                 |
| 4/19/2020 | 8                | 30         | 0          | -                    | 0           | 210         | 36          | 0           | 284       |                    |                 | 38          |                 | 246         |                 |
| 4/20/2020 | 102              | 95         | 0          | -                    | 0           | 239         | 30          | 439         | 905       |                    |                 | 197         |                 | 708         |                 |
| 4/21/2020 | 126              | 101        | 0          | -                    | 0           | 227         | 0           | 298         | 752       |                    |                 | 227         |                 | 525         |                 |
| 4/22/2020 | 142              | 107        | 0          | -                    | 0           | 221         | 0           | 0           | 470       |                    |                 | 249         |                 | 221         |                 |
| 4/23/2020 | 47               | 46         | 0          | -                    | 0           | 152         | 0           | 0           | 245       |                    |                 | 93          |                 | 152         |                 |
| 4/24/2020 | 118              | 87         | 0          | -                    | 0           | 274         | 0           | 0           | 479       | 3,419              | 488             | 205         | 150             | 274         | 339             |
| 4/25/2020 | 185              | 1,523      | 0          | -                    | 0           | 224         | 0           | 0           | 1,932     |                    |                 | 1,708       |                 | 224         |                 |
| 4/26/2020 | 185              | 1,523      | 0          | -                    | 0           | 224         | 0           | 0           | 1,932     |                    |                 | 1,708       |                 | 224         |                 |
| 4/27/2020 | 154              | 34         | 0          | -                    | 0           | 148         | 46          | 490         | 872       |                    |                 | 188         |                 | 684         |                 |
| 4/28/2020 | 81               | 84         | 0          | -                    | 0           | 273         | 45          | 329         | 812       |                    |                 | 165         |                 | 647         |                 |
| 4/29/2020 | 59               | 120        | 0          | -                    | 0           | 180         | 47          | 310         | 716       |                    |                 | 179         |                 | 537         |                 |
| 4/30/2020 | 77               | 155        | 0          | -                    | 0           | 227         | 40          | 245         | 744       |                    |                 | 232         |                 | 512         |                 |

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

| DATE      | Condensate Traps |            |            | LFG Extraction Wells |             |             |             |             | All (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (gpd) |
| 5/1/2020  | 71               | 60         | 0          | -                    | 0           | 198         | 40          | 232         | 601       | 7,609              | 1,087           | 131         | 616             | 470         | 471             |
| 5/2/2020  | 88               | 65         | 0          | -                    | 0           | 217         | 20          | 0           | 390       |                    |                 | 153         |                 | 237         |                 |
| 5/3/2020  | 88               | 65         | 0          | -                    | 0           | 217         | 20          | 0           | 390       |                    |                 | 153         |                 | 237         |                 |
| 5/4/2020  | 84               | 62         | 0          | -                    | 0           | 224         | 37          | 424         | 831       |                    |                 | 146         |                 | 685         |                 |
| 5/5/2020  | 80               | 60         | 0          | -                    | 0           | 215         | 45          | 429         | 829       |                    |                 | 140         |                 | 689         |                 |
| 5/6/2020  | 82               | 62         | 0          | -                    | 0           | 214         | 20          | 0           | 378       |                    |                 | 144         |                 | 234         |                 |
| 5/7/2020  | 82               | 71         | 0          | -                    | 0           | 193         | 33          | 422         | 801       |                    |                 | 153         |                 | 648         |                 |
| 5/8/2020  | 79               | 86         | 0          | -                    | 0           | 211         | 32          | 317         | 725       | 4,344              | 621             | 165         | 151             | 560         | 470             |
| 5/9/2020  | 86               | 59         | 0          | -                    | 0           | 204         | 33          | 0           | 382       |                    |                 | 145         |                 | 237         |                 |
| 5/10/2020 | 86               | 59         | 0          | -                    | 0           | 204         | 33          | 0           | 382       |                    |                 | 145         |                 | 237         |                 |
| 5/11/2020 | 101              | 71         | 0          | -                    | 0           | 256         | 42          | 422         | 892       |                    |                 | 172         |                 | 720         |                 |
| 5/12/2020 | 62               | 42         | 0          | -                    | 0           | 146         | 44          | 0           | 294       |                    |                 | 104         |                 | 190         |                 |
| 5/13/2020 | 111              | 72         | 0          | -                    | 0           | 253         | 51          | 402         | 889       |                    |                 | 183         |                 | 706         |                 |
| 5/14/2020 | 55               | 43         | 0          | -                    | 0           | 153         | 54          | 343         | 648       |                    |                 | 98          |                 | 550         |                 |
| 5/15/2020 | 73               | 58         | 0          | -                    | 0           | 211         | 44          | 294         | 680       | 4,167              | 595             | 131         | 140             | 549         | 456             |
| 5/16/2020 | 41               | 35         | 0          | -                    | 0           | 171         | 33          | 1           | 281       |                    |                 | 76          |                 | 205         |                 |
| 5/17/2020 | 41               | 35         | 0          | -                    | 0           | 171         | 33          | 1           | 281       |                    |                 | 76          |                 | 205         |                 |
| 5/18/2020 | 69               | 55         | 0          | -                    | 0           | 227         | 36          | 437         | 824       |                    |                 | 124         |                 | 700         |                 |
| 5/19/2020 | 83               | 63         | 0          | -                    | 0           | 249         | 36          | 0           | 431       |                    |                 | 146         |                 | 285         |                 |
| 5/20/2020 | 75               | 52         | 0          | -                    | 0           | 187         | 36          | 517         | 867       |                    |                 | 127         |                 | 740         |                 |
| 5/21/2020 | 75               | 52         | 0          | -                    | 0           | 158         | 47          | 303         | 635       |                    |                 | 127         |                 | 508         |                 |
| 5/22/2020 | 69               | 52         | 0          | -                    | 0           | 201         | 39          | 265         | 626       | 3,945              | 564             | 121         | 114             | 505         | 450             |
| 5/23/2020 | 79               | 56         | 0          | -                    | 0           | 196         | 0           | 0           | 331       |                    |                 | 135         |                 | 196         |                 |
| 5/24/2020 | 79               | 56         | 0          | -                    | 0           | 196         | 0           | 0           | 331       |                    |                 | 135         |                 | 196         |                 |
| 5/25/2020 | 77               | 61         | 0          | -                    | 0           | 216         | 40          | 0           | 394       |                    |                 | 138         |                 | 256         |                 |
| 5/26/2020 | 78               | 63         | 0          | -                    | 0           | 214         | 41          | 435         | 831       |                    |                 | 141         |                 | 690         |                 |
| 5/27/2020 | 76               | 60         | 0          | -                    | 0           | 195         | 36          | 305         | 672       |                    |                 | 136         |                 | 536         |                 |
| 5/28/2020 | 79               | 51         | 0          | -                    | 0           | 175         | 24          | 299         | 628       |                    |                 | 130         |                 | 498         |                 |
| 5/29/2020 | 78               | 63         | 0          | -                    | 0           | 192         | 0           | 0           | 333       | 3,520              | 503             | 141         | 137             | 192         | 366             |
| 5/30/2020 | 86               | 67         | 0          | -                    | 0           | 201         | 16          | 0           | 370       |                    |                 | 153         |                 | 217         |                 |
| 5/31/2020 | 86               | 67         | 0          | -                    | 0           | 201         | 16          | 0           | 370       |                    |                 | 153         |                 | 217         |                 |
| 6/1/2020  | 71               | 61         | 0          | -                    | -           | 170         | 0           | 570         | 872       |                    |                 | 132         |                 | 740         |                 |
| 6/2/2020  | 84               | 61         | 0          | -                    | -           | 179         | 43          | 346         | 713       |                    |                 | 145         |                 | 568         |                 |
| 6/3/2020  | 66               | 56         | 0          | -                    | -           | 177         | 33          | 300         | 632       |                    |                 | 122         |                 | 510         |                 |
| 6/4/2020  | 41               | 449        | 0          | -                    | -           | 151         | 36          | 317         | 994       |                    |                 | 490         |                 | 504         |                 |
| 6/5/2020  | 63               | 412        | 0          | -                    | -           | 195         | 49          | 553         | 1,272     | 5,223              | 746             | 475         | 239             | 797         | 508             |
| 6/6/2020  | 70               | 623        | 0          | -                    | -           | 212         | 39          | 0           | 944       |                    |                 | 693         |                 | 251         |                 |
| 6/7/2020  | 70               | 623        | 0          | -                    | -           | 212         | 39          | 0           | 944       |                    |                 | 693         |                 | 251         |                 |
| 6/8/2020  | 56               | 470        | 0          | -                    | -           | 142         | 40          | 930         | 1,638     |                    |                 | 526         |                 | 1,112       |                 |
| 6/9/2020  | 88               | 116        | 0          | -                    | -           | 380         | 42          | 479         | 1,105     |                    |                 | 204         |                 | 901         |                 |
| 6/10/2020 | 77               | 60         | 0          | -                    | -           | 81          | 33          | 432         | 683       |                    |                 | 137         |                 | 546         |                 |
| 6/11/2020 | 93               | 68         | 0          | -                    | -           | 64          | 33          | 363         | 621       |                    |                 | 161         |                 | 460         |                 |
| 6/12/2020 | 80               | 75         | 0          | -                    | -           | 161         | 39          | 339         | 694       | 6,629              | 947             | 155         | 367             | 539         | 580             |
| 6/13/2020 | 91               | 68         | 0          | -                    | -           | 164         | 0           | 0           | 323       |                    |                 | 159         |                 | 164         |                 |
| 6/14/2020 | 133              | 85         | 0          | -                    | -           | 16          | 79          | 0           | 313       |                    |                 | 218         |                 | 95          |                 |
| 6/15/2020 | 66               | 66         | 0          | -                    | -           | 252         | 39          | 1,148       | 1,571     |                    |                 | 132         |                 | 1,439       |                 |
| 6/16/2020 | 86               | 62         | 0          | -                    | -           | 176         | 31          | 930         | 1,285     |                    |                 | 148         |                 | 1,137       |                 |
| 6/17/2020 | 101              | 65         | 0          | -                    | -           | 173         | 35          | 728         | 1,102     |                    |                 | 166         |                 | 936         |                 |
| 6/18/2020 | 80               | 68         | 0          | -                    | -           | 172         | 37          | 600         | 957       |                    |                 | 148         |                 | 809         |                 |
| 6/19/2020 | 82               | 60         | 0          | -                    | -           | 178         | 20          | 423         | 763       | 6,314              | 902             | 142         | 159             | 621         | 743             |
| 6/20/2020 | 90               | 72         | 0          | -                    | -           | 170         | 33          | 0           | 365       |                    |                 | 162         |                 | 203         |                 |
| 6/21/2020 | 90               | 72         | 0          | -                    | -           | 170         | 33          | 0           | 365       |                    |                 | 162         |                 | 203         |                 |
| 6/22/2020 | 94               | 72         | 0          | -                    | -           | 185         | 30          | 1,107       | 1,488     |                    |                 | 166         |                 | 1,322       |                 |
| 6/23/2020 | 73               | 55         | 0          | -                    | -           | 148         | 42          | 750         | 1,068     |                    |                 | 128         |                 | 940         |                 |
| 6/24/2020 | 89               | 66         | 0          | -                    | -           | 171         | 0           | 532         | 858       |                    |                 | 155         |                 | 703         |                 |
| 6/25/2020 | 85               | 71         | 0          | -                    | -           | 176         | 37          | 0           | 369       |                    |                 | 156         |                 | 213         |                 |
| 6/26/2020 | 59               | 52         | 0          | -                    | -           | 129         | 0           | 600         | 840       | 5,353              | 765             | 111         | 149             | 729         | 616             |
| 6/27/2020 | 89               | 65         | 0          | -                    | -           | 181         | 0           | 0           | 335       |                    |                 | 154         |                 | 181         |                 |
| 6/28/2020 | 94               | 75         | 0          | -                    | -           | 199         | 40          | 0           | 408       |                    |                 | 169         |                 | 239         |                 |
| 6/29/2020 | 73               | 53         | 0          | -                    | -           | 144         | 35          | 652         | 957       |                    |                 | 126         |                 | 831         |                 |
| 6/30/2020 | 91               | 64         | 0          | -                    | -           | 168         | 26          | 445         | 794       |                    |                 | 155         |                 | 639         |                 |



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

| DATE      | Condensate Traps |            |            | LFG Extraction Wells |             |             |             |             | All (gpd) | WEEKLY TOTAL (gal) | Daily Avg (gpd) | CTs         |                 | EWs         |                 |
|-----------|------------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-----------|--------------------|-----------------|-------------|-----------------|-------------|-----------------|
|           | CT-1 (gal)       | CT-2 (gal) | CT-3 (gal) | EW-38 (gal)          | HC-17 (gal) | EW-44 (gal) | EW-48 (gal) | EW-66 (gal) |           |                    |                 | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (gpd) |
| 7/1/2020  | 8                | 26         | 0          | -                    | -           | 74          | 45          | 406         | 559       |                    |                 | 34          |                 | 525         |                 |
| 7/2/2020  | 72               | 56         | 0          | -                    | -           | 208         | 0           | 0           | 336       |                    |                 | 128         |                 | 208         |                 |
| 7/3/2020  | 78               | 52         | 0          | -                    | -           | 164         | 0           | 0           | 294       | 3,683              | 526             | 130         | 128             | 164         | 398             |
| 7/4/2020  | 99               | 0          | 0          | -                    | -           | 190         | 0           | 0           | 289       |                    |                 | 99          |                 | 190         |                 |
| 7/5/2020  | 73               | 181        | 0          | -                    | -           | 148         | 0           | 0           | 402       |                    |                 | 254         |                 | 148         |                 |
| 7/6/2020  | 92               | 84         | 0          | -                    | -           | 165         | 37          | 0           | 378       |                    |                 | 176         |                 | 202         |                 |
| 7/7/2020  | 53               | 111        | 0          | -                    | -           | 142         | 43          | 513         | 862       |                    |                 | 164         |                 | 698         |                 |
| 7/8/2020  | 97               | 136        | 0          | -                    | -           | 191         | 32          | 463         | 919       |                    |                 | 233         |                 | 686         |                 |
| 7/9/2020  | 79               | 99         | 0          | -                    | -           | 147         | 42          | 457         | 824       |                    |                 | 178         |                 | 646         |                 |
| 7/10/2020 | 79               | 104        | 0          | -                    | -           | 152         | 41          | 318         | 694       | 4,368              | 624             | 183         | 184             | 511         | 440             |
| 7/11/2020 | 98               | 114        | 0          | -                    | -           | 170         | 0           | 0           | 382       |                    |                 | 212         |                 | 170         |                 |
| 7/12/2020 | 96               | 108        | 0          | -                    | -           | 172         | 46          | 0           | 422       |                    |                 | 204         |                 | 218         |                 |
| 7/13/2020 | 87               | 94         | 0          | -                    | -           | 145         | 39          | 673         | 1,038     |                    |                 | 181         |                 | 857         |                 |
| 7/14/2020 | 81               | 101        | 0          | -                    | -           | 153         | 32          | 521         | 888       |                    |                 | 182         |                 | 706         |                 |
| 7/15/2020 | 96               | 94         | 0          | -                    | -           | 160         | 44          | 516         | 910       |                    |                 | 190         |                 | 720         |                 |
| 7/16/2020 | 65               | 87         | 0          | -                    | -           | 119         | 32          | 511         | 814       |                    |                 | 152         |                 | 662         |                 |
| 7/17/2020 | 77               | 73         | 0          | -                    | -           | 158         | 40          | 447         | 795       | 5,249              | 750             | 150         | 182             | 645         | 568             |
| 7/18/2020 | 85               | 85         | 0          | -                    | -           | 154         | 0           | 0           | 324       |                    |                 | 170         |                 | 154         |                 |
| 7/19/2020 | 109              | 112        | 0          | -                    | -           | 178         | 47          | 0           | 446       |                    |                 | 221         |                 | 225         |                 |
| 7/20/2020 | 87               | 81         | 0          | -                    | -           | 148         | 33          | 700         | 1,049     |                    |                 | 168         |                 | 881         |                 |
| 7/21/2020 | 75               | 75         | 0          | -                    | -           | 134         | 33          | 487         | 804       |                    |                 | 150         |                 | 654         |                 |
| 7/22/2020 | 89               | 81         | 0          | -                    | -           | 165         | 41          | 475         | 851       |                    |                 | 170         |                 | 681         |                 |
| 7/23/2020 | 69               | 58         | 0          | -                    | -           | 136         | 32          | 456         | 751       |                    |                 | 127         |                 | 624         |                 |
| 7/24/2020 | 81               | 76         | 0          | -                    | -           | 136         | 41          | 397         | 731       | 4,956              | 708             | 157         | 166             | 574         | 542             |
| 7/25/2020 | 99               | 85         | 0          | -                    | -           | 19          | 19          | 0           | 222       |                    |                 | 184         |                 | 38          |                 |
| 7/26/2020 | 99               | 85         | 0          | -                    | -           | 19          | 19          | 0           | 222       |                    |                 | 184         |                 | 38          |                 |
| 7/27/2020 | 55               | 103        | 0          | -                    | -           | 176         | 34          | 624         | 992       |                    |                 | 158         |                 | 834         |                 |
| 7/28/2020 | 75               | 67         | 0          | -                    | -           | 86          | 35          | 410         | 673       |                    |                 | 142         |                 | 531         |                 |
| 7/29/2020 | 6                | 9          | 0          | -                    | -           | 0           | 34          | 369         | 418       |                    |                 | 15          |                 | 403         |                 |
| 7/30/2020 | 1                | 1          | 0          | -                    | -           | 1           | 1           | 681         | 685       |                    |                 | 2           |                 | 683         |                 |
| 7/31/2020 | 85               | 207        | 0          | -                    | -           | 2           | 74          | 337         | 705       | 3,917              | 560             | 292         | 140             | 413         | 420             |
| 8/1/2020  | 91               | 144        | 0          | -                    | -           | 181         | 33          | 0           | 449       |                    |                 | 235         |                 | 214         |                 |
| 8/2/2020  | 91               | 144        | 0          | -                    | -           | 181         | 33          | 0           | 449       |                    |                 | 235         |                 | 214         |                 |
| 8/3/2020  | 68               | 111        | 0          | -                    | -           | 49          | 29          | 761         | 1,018     |                    |                 | 179         |                 | 839         |                 |
| 8/4/2020  | 70               | 101        | 0          | -                    | -           | 115         | 39          | 521         | 846       |                    |                 | 171         |                 | 675         |                 |
| 8/5/2020  | 96               | 150        | 0          | -                    | -           | 114         | 36          | 404         | 800       |                    |                 | 246         |                 | 554         |                 |
| 8/6/2020  | 53               | 85         | 0          | -                    | -           | 131         | 40          | 454         | 763       |                    |                 | 138         |                 | 625         |                 |
| 8/7/2020  | 84               | 118        | 0          | -                    | -           | 108         | 40          | 291         | 641       | 4,966              | 709             | 202         | 201             | 439         | 509             |
| 8/8/2020  | 76               | 115        | 0          | -                    | -           | 108         | 34          | 0           | 333       |                    |                 | 191         |                 | 142         |                 |
| 8/9/2020  | 76               | 115        | 0          | -                    | -           | 108         | 34          | 0           | 333       |                    |                 | 191         |                 | 142         |                 |
| 8/10/2020 | 94               | 140        | 0          | -                    | -           | 83          | 0           | 559         | 876       |                    |                 | 234         |                 | 642         |                 |
| 8/11/2020 | 55               | 85         | 0          | -                    | -           | 111         | 38          | 453         | 742       |                    |                 | 140         |                 | 602         |                 |
| 8/12/2020 | 84               | 125        | 0          | -                    | -           | 96          | 35          | 316         | 656       |                    |                 | 209         |                 | 447         |                 |
| 8/13/2020 | 78               | 109        | 0          | -                    | -           | 85          | 40          | 388         | 700       |                    |                 | 187         |                 | 513         |                 |
| 8/14/2020 | 69               | 77         | 0          | -                    | -           | 0           | 42          | 401         | 589       | 4,229              | 604             | 146         | 185             | 443         | 419             |
| 8/15/2020 | 103              | 126        | 0          | -                    | -           | 0           | 15          | 0           | 244       |                    |                 | 229         |                 | 15          |                 |
| 8/16/2020 | 103              | 126        | 0          | -                    | -           | 0           | 15          | 0           | 244       |                    |                 | 229         |                 | 15          |                 |
| 8/17/2020 | 122              | 141        | 0          | -                    | -           | 74          | 37          | 514         | 888       |                    |                 | 263         |                 | 625         |                 |
| 8/18/2020 | 69               | 91         | 0          | -                    | -           | 269         | 44          | 443         | 916       |                    |                 | 160         |                 | 756         |                 |
| 8/19/2020 | 94               | 115        | 0          | -                    | -           | 228         | 0           | 382         | 819       |                    |                 | 209         |                 | 610         |                 |
| 8/20/2020 | 98               | 118        | 0          | -                    | -           | 174         | 0           | 360         | 750       |                    |                 | 216         |                 | 534         |                 |
| 8/21/2020 | 52               | 191        | 0          | -                    | -           | 127         | 0           | 362         | 732       | 4,593              | 656             | 243         | 221             | 489         | 435             |
| 8/22/2020 | 103              | 271        | 0          | -                    | -           | 214         | 0           | 166         | 754       |                    |                 | 374         |                 | 380         |                 |
| 8/23/2020 | 103              | 271        | 0          | -                    | -           | 214         | 0           | 166         | 754       |                    |                 | 374         |                 | 380         |                 |
| 8/24/2020 | 68               | 156        | 0          | -                    | -           | 159         | 0           | 522         | 905       |                    |                 | 224         |                 | 681         |                 |
| 8/25/2020 | 107              | 12         | 0          | -                    | -           | 166         | 0           | 404         | 689       |                    |                 | 119         |                 | 570         |                 |
| 8/26/2020 | 81               | 300        | 0          | -                    | -           | 48          | 0           | 0           | 429       |                    |                 | 381         |                 | 48          |                 |
| 8/27/2020 | 90               | 118        | 0          | -                    | -           | 261         | 0           | 489         | 958       |                    |                 | 208         |                 | 750         |                 |
| 8/28/2020 | 93               | 144        | 0          | -                    | -           | 156         | 0           | 331         | 724       | 5,213              | 745             | 237         | 274             | 487         | 471             |
| 8/29/2020 | 102              | 231        | 0          | -                    | -           | 171         | 0           | 0           | 504       |                    |                 | 333         |                 | 171         |                 |
| 8/30/2020 | 102              | 231        | 0          | -                    | -           | 171         | 0           | 0           | 504       |                    |                 | 333         |                 | 171         |                 |
| 8/31/2020 | 421              | 948        | 0          | -                    | -           | 149         | 0           | 593         | 2,111     |                    |                 | 1,369       |                 | 742         |                 |



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              |                | 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             |                | 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) |  |
| 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   | 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) | (gpd)  |         | TOTAL<br>(gal) | Daily Avg<br>(gpd) | 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<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) |  |
| 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         |                    | 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) | (gpd)  |         | TOTAL<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(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             |                | 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) |  |
| 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             |                | 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) |  |
| 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<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) | (gpd)  |         | TOTAL<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(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         |                    | 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>(gpd) |         | TOTAL<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(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             |                | 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) |  |
| 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<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) |  |
| 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             |                | 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) |  |
| 2/13/2019 | 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   | 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) | (gpd)  |         | TOTAL<br>(gal) | Daily Avg<br>(gpd) | 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<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) |  |
| 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<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) |        |
| 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             |        |
| 9/1/2019   | 0                | 1,297           | 0               | 12              | -              | 0                         | -  | -  | -  | -                           | 1,309          |                |                    |                | 1,309              |                | 0                  |        |
| 9/2/2019   | 0                | 1,297           | 0               | 12              | -              | 0                         | -  | -  | -  | -                           | 1,309          |                |                    |                | 1,309              |                | 0                  |        |
| 9/3/2019   | 0                | 1,187           | 0               | 5               | -              | 55,905                    | -  | -  | -  | -                           | 57,097         |                |                    |                | 1,192              |                | 55,905             |        |
| 9/4/2019   | 0                | 1,288           | 0               | 10              | -              | 25,945                    | -  | -  | -  | -                           | 27,243         |                |                    |                | 1,298              |                | 25,945             |        |
| 9/5/2019   | 0                | 1,355           | 874             | 2               | -              | 31,667                    | -  | -  | -  | -                           | 33,898         |                |                    |                | 2,231              |                | 31,667             |        |
| 9/6/2019   | 0                | 1,354           | 938             | 0               | -              | 22,800                    | -  | -  | -  | -                           | 25,092         | 170,882        | 24,412             | 2,292          | 1,563              | 22,800         | 22,849             |        |
| 9/7/2019   | 0                | 1,432           | 1,010           | 0               | -              | 13,007                    | -  | -  | -  | -                           | 15,449         |                |                    |                | 2,442              |                | 13,007             |        |
| 9/8/2019   | 0                | 1,432           | 1,010           | 0               | -              | 13,007                    | -  | -  | -  | -                           | 15,449         |                |                    |                | 2,442              |                | 13,007             |        |
| 9/9/2019   | 0                | 1,342           | 291             | 6               | -              | 27,420                    | -  | -  | -  | -                           | 29,059         |                |                    |                | 1,639              |                | 27,420             |        |
| 9/10/2019  | 0                | 1,423           | 0               | 5               | -              | 31,400                    | -  | -  | -  | -                           | 32,828         |                |                    |                | 1,428              |                | 31,400             |        |
| 9/11/2019  | 0                | 1,468           | 0               | 7               | -              | 27,401                    | -  | -  | -  | -                           | 28,876         |                |                    |                | 1,475              |                | 27,401             |        |
| 9/12/2019  | 0                | 1,485           | 0               | 2               | -              | 28,432                    | -  | -  | -  | -                           | 29,919         |                |                    |                | 1,487              |                | 28,432             |        |
| 9/13/2019  | 0                | 1,310           | 0               | 1               | -              | 19,506                    | -  | -  | -  | -                           | 20,817         | 172,397        | 24,628             | 1,311          | 1,746              | 19,506         | 22,882             |        |
| 9/14/2019  | 1                | 1,148           | 0               | 1               | -              | 24,606                    | -  | -  | -  | -                           | 25,756         |                |                    |                | 1,150              |                | 24,606             |        |
| 9/15/2019  | 1                | 1,148           | 0               | 1               | -              | 24,606                    | -  | -  | -  | -                           | 25,756         |                |                    |                | 1,150              |                | 24,606             |        |
| 9/16/2019  | 900              | 742             | 0               | 1               | -              | 30,900                    | -  | -  | -  | -                           | 32,543         |                |                    |                | 1,643              |                | 30,900             |        |
| 9/17/2019  | 892              | 1,250           | 0               | 2               | -              | 30,050                    | -  | -  | -  | -                           | 32,194         |                |                    |                | 2,144              |                | 30,050             |        |
| 9/18/2019  | 877              | 1,225           | 0               | 3               | -              | 28,320                    | -  | -  | -  | -                           | 30,425         |                |                    |                | 2,105              |                | 28,320             |        |
| 9/19/2019  | 938              | 1,318           | 0               | 4               | -              | 27,087                    | -  | -  | -  | -                           | 29,347         |                |                    |                | 2,260              |                | 27,087             |        |
| 9/20/2019  | 868              | 1,000           | 0               | 1               | -              | 26,821                    | -  | -  | -  | -                           | 28,690         | 204,711        | 29,244             | 1,869          | 1,760              | 26,821         | 27,484             |        |
| 9/21/2019  | 945              | 1,678           | 3               | 2               | -              | 14,236                    | -  | -  | -  | -                           | 16,864         |                |                    |                | 2,628              |                | 14,236             |        |
| 9/22/2019  | 945              | 1,678           | 3               | 2               | -              | 14,236                    | -  | -  | -  | -                           | 16,864         |                |                    |                | 2,628              |                | 14,236             |        |
| 9/23/2019  | 979              | 1,688           | 0               | 1               | -              | 28,400                    | -  | -  | -  | -                           | 31,068         |                |                    |                | 2,668              |                | 28,400             |        |
| 9/24/2019  | 1,041            | 1,842           | 0               | 2               | -              | 31,250                    | -  | -  | -  | -                           | 34,135         |                |                    |                | 2,885              |                | 31,250             |        |
| 9/25/2019  | 1,017            | 1,943           | 896             | 2               | -              | 27,950                    | -  | -  | -  | -                           | 31,808         |                |                    |                | 3,858              |                | 27,950             |        |
| 9/26/2019  | 1,089            | 2,045           | 454             | 3               | -              | 26,452                    | -  | -  | -  | -                           | 30,043         |                |                    |                | 3,591              |                | 26,452             |        |
| 9/27/2019  | 1,049            | 1,991           | 1,241           | 0               | -              | 26,077                    | -  | -  | -  | -                           | 30,358         | 191,140        | 27,306             | 4,281          | 3,220              | 26,077         | 24,086             |        |
| 9/28/2019  | 1,130            | 1,933           | 1,165           | 1               | -              | 13,686                    | -  | -  | -  | -                           | 17,915         |                |                    |                | 4,229              |                | 13,686             |        |
| 9/29/2019  | 1,130            | 1,933           | 1,165           | 1               | -              | 13,686                    | -  | -  | -  | -                           | 17,915         |                |                    |                | 4,229              |                | 13,686             |        |
| 9/30/2019  | 1,145            | 1,812           | 1,303           | 0               | -              | 25,500                    | -  | -  | -  | -                           | 29,760         |                |                    |                | 4,260              |                | 25,500             |        |
| 10/1/2019  | 1,157            | 1,853           | 1,354           | 0               | -              | 30,250                    | -  | -  | -  | -                           | 34,614         |                |                    |                | 4,364              |                | 30,250             |        |
| 10/2/2019  | 1,202            | 1,934           | 1,352           | 0               | -              | 27,850                    | -  | -  | -  | -                           | 32,338         |                |                    |                | 4,488              |                | 27,850             |        |
| 10/3/2019  | 1,160            | 1,962           | 1,068           | 0               | -              | 25,344                    | -  | -  | -  | -                           | 29,534         |                |                    |                | 4,190              |                | 25,344             |        |
| 10/4/2019  | 1,231            | 2,055           | 985             | 0               | -              | 26,419                    | -  | -  | -  | -                           | 30,690         | 192,766        | 27,538             | 4,271          | 4,290              | 26,419         | 23,248             |        |
| 10/5/2019  | 1,278            | 2,218           | 995             | 0               | -              | 13,069                    | -  | -  | -  | -                           | 17,560         |                |                    |                | 4,491              |                | 13,069             |        |
| 10/6/2019  | 1,278            | 2,218           | 995             | 0               | -              | 13,069                    | -  | -  | -  | -                           | 17,560         |                |                    |                | 4,491              |                | 13,069             |        |
| 10/7/2019  | 1,381            | 2,640           | 1,055           | 0               | -              | 36,700                    | -  | -  | -  | -                           | 41,776         |                |                    |                | 5,076              |                | 36,700             |        |
| 10/8/2019  | 1,300            | 2,461           | 994             | 0               | -              | 27,900                    | -  | -  | -  | -                           | 32,655         |                |                    |                | 4,755              |                | 27,900             |        |
| 10/9/2019  | 1,306            | 2,655           | 1,017           | 0               | -              | 24,600                    | -  | -  | -  | -                           | 29,578         |                |                    |                | 4,978              |                | 24,600             |        |
| 10/10/2019 | 1,325            | 2,448           | 1,034           | 0               | -              | 30,107                    | -  | -  | -  | -                           | 34,914         |                |                    |                | 4,807              |                | 30,107             |        |
| 10/11/2019 | 1,660            | 2,154           | 958             | 0               | -              | 16,860                    | -  | -  | -  | -                           | 21,632         | 195,675        | 27,954             | 4,772          | 4,767              | 16,860         | 23,186             |        |
| 10/12/2019 | 1,501            | 1,963           | 936             | 0               | -              | 20,766                    | -  | -  | -  | -                           | 25,166         |                |                    |                | 4,400              |                | 20,766             |        |
| 10/13/2019 | 1,501            | 1,963           | 936             | 0               | -              | 20,766                    | -  | -  | -  | -                           | 25,166         |                |                    |                | 4,400              |                | 20,766             |        |
| 10/14/2019 | 1,153            | 2,088           | 1,028           | 0               | -              | 27,168                    | -  | -  | -  | -                           | 31,437         |                |                    |                | 4,269              |                | 27,168             |        |
| 10/15/2019 | 1,303            | 2,703           | 913             | 0               | -              | 24,901                    | -  | -  | -  | -                           | 29,820         |                |                    |                | 4,919              |                | 24,901             |        |
| 10/16/2019 | 1,406            | 2,810           | 974             | 2               | -              | 42,602                    | -  | -  | -  | -                           | 47,794         |                |                    |                | 5,192              |                | 42,602             |        |
| 10/17/2019 | 1,434            | 1,330           | 0               | 31              | -              | 34,729                    | -  | -  | -  | -                           | 37,524         |                |                    |                | 2,795              |                | 34,729             |        |
| 10/18/2019 | 1,643            | 1,860           | 0               | 9               | -              | 32,312                    | -  | -  | -  | -                           | 35,824         | 232,731        | 33,247             | 3,512          | 4,212              | 32,312         | 29,035             |        |
| 10/19/2019 | 1,665            | 1,696           | 0               | 1               | -              | 28,975                    | -  | -  | -  | -                           | 32,337         |                |                    |                | 3,362              |                | 28,975             |        |
| 10/20/2019 | 1,665            | 1,696           | 0               | 1               | -              | 28,975                    | -  | -  | -  | -                           | 32,337         |                |                    |                | 3,362              |                | 28,975             |        |
| 10/21/2019 | 1,731            | 1,727           | 0               | 7               | -              | 18,317                    | -  | -  | -  | -                           | 21,782         |                |                    |                | 3,465              |                | 18,317             |        |
| 10/22/2019 | 1,495            | 1,707           | 0               | 1               | -              | 21,833                    | -  | -  | -  | -                           | 25,036         |                |                    |                | 3,203              |                | 21,833             |        |
| 10/23/2019 | 1,655            | 1,756           | 0               | 0               | -              | 41,204                    | -  | -  | -  | -                           | 44,615         |                |                    |                | 3,411              |                | 41,204             |        |
| 10/24/2019 | 1,603            | 1,638           | 0               | 1               | -              | 7,046                     | -  | -  | -  | -                           | 10,288         |                |                    |                | 3,242              |                | 7,046              |        |
| 10/25/2019 | 1,709            | 1,625           | 0               | 3               | -              | 25,560                    | -  | -  | -  | -                           | 28,897         | 195,292        | 27,899             | 3,337          | 3,340              | 25,560         | 24,559             |        |
| 10/26/2019 | 1,700            | 1,433           | 0               | 0               | -              | 38,370                    | -  | -  | -  | -                           | 41,503         |                |                    |                | 3,133              |                | 38,370             |        |
| 10/27/2019 | 1,700            | 1,433           | 0               | 6               | -              | 38,370                    | -  | -  | -  | -                           | 41,509         |                |                    |                | 3,139              |                | 38,370             |        |
| 10/28/2019 | 1,729            | 1,295           | 0               | 19              | -              | 34,544                    | -  | -  | -  | -                           | 37,587         |                |                    |                | 3,043              |                | 34,544             |        |
| 10/29/2019 | 1,930            | 1,518           | 0               | 11              | -              | 15,732                    | -  | -  | -  | -                           | 19,191         |                |                    |                | 3,459              |                | 15,732             |        |
| 10/30/2019 | 1,620            | 1,560           | 0               | 31              | -              | 31,760                    | -  | -  | -  | -                           | 34,971         |                |                    |                | 3,211              |                | 31,760             |        |
| 10/31/2019 | 1,549            | 1,989           | 0               | 30              | -              | 34,958                    | -  | -  | -  | -                           | 38,526         |                |                    |                | 3,568              |                | 34,958             |        |
| 11/1/2019  | 1,608            | 1,960           | 0               | 6               | -              | 32,396                    | -  | -  | -  | -                           | 35,970         | 249,257        | 35,608             | 3,574          | 3,304              | 32,396         | 32,304             |        |
| 11/2/2019  | 1,725            | 1,996           | 0               | 6               | -              | 32,807                    | -  | -  | -  | -                           | 36,534         |                |                    |                | 3,727              |                | 32,807             |        |
| 11/3/2019  | 1,725            | 1,996           | 0               | 6               | -              | 32,807                    | -  | -  | -  | -                           | 36,534         |                |                    |                | 3,727              |                | 32,807             |        |

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<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>(gpd) |         | TOTAL<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) | Total<br>(gal) | Daily Avg<br>(gpd) |
| 11/4/2019  | 1,710            | 1,909           | 0               | 4               | -              | 31,285                    | -  | -  | -  | -                           | 34,908         |         |                | 3,623              |                | 31,285             |                |                    |
| 11/5/2019  | 1,564            | 2,091           | 0               | 24              | -              | 29,962                    | -  | -  | -  | -                           | 33,641         |         |                | 3,679              |                | 29,962             |                |                    |
| 11/6/2019  | 1,555            | 2,357           | 0               | 1               | -              | 29,729                    | -  | -  | -  | -                           | 33,642         |         |                | 3,913              |                | 29,729             |                |                    |
| 11/7/2019  | 1,415            | 2,086           | 0               | 30              | -              | 29,520                    | -  | -  | -  | -                           | 33,051         |         |                | 3,531              |                | 29,520             |                |                    |
| 11/8/2019  | 1,571            | 2,262           | 0               | 8               | -              | 31,717                    | -  | -  | -  | -                           | 35,558         | 243,868 | 34,838         | 3,841              | 3,720          | 31,717             | 31,118         |                    |
| 11/9/2019  | 1,509            | 2,221           | 0               | 2               | -              | 29,233                    | -  | -  | -  | -                           | 32,965         |         |                | 3,732              |                | 29,233             |                |                    |
| 11/10/2019 | 1,509            | 2,221           | 0               | 2               | -              | 29,233                    | -  | -  | -  | -                           | 32,965         |         |                | 3,732              |                | 29,233             |                |                    |
| 11/11/2019 | 1,444            | 2,192           | 0               | 1               | -              | 30,029                    | -  | -  | -  | -                           | 33,666         |         |                | 3,637              |                | 30,029             |                |                    |
| 11/12/2019 | 1,453            | 2,459           | 0               | 1               | -              | 30,792                    | -  | -  | -  | -                           | 34,705         |         |                | 3,913              |                | 30,792             |                |                    |
| 11/13/2019 | 1,276            | 2,399           | 0               | 0               | -              | 30,792                    | -  | -  | -  | -                           | 34,467         |         |                | 3,675              |                | 30,792             |                |                    |
| 11/14/2019 | 1,261            | 2,332           | 0               | 0               | -              | 30,792                    | -  | -  | -  | -                           | 34,385         |         |                | 3,593              |                | 30,792             |                |                    |
| 11/15/2019 | 1,218            | 2,186           | 0               | 0               | -              | 30,792                    | -  | -  | -  | -                           | 34,196         | 237,349 | 33,907         | 3,404              | 3,669          | 30,792             | 30,238         |                    |
| 11/16/2019 | 1,208            | 1,862           | 0               | 0               | -              | 30,792                    | -  | -  | -  | -                           | 33,862         |         |                | 3,070              |                | 30,792             |                |                    |
| 11/17/2019 | 1,208            | 1,862           | 0               | 0               | -              | 30,792                    | -  | -  | -  | -                           | 33,862         |         |                | 3,070              |                | 30,792             |                |                    |
| 11/18/2019 | 1,198            | 2,023           | 0               | 0               | -              | 30,792                    | -  | -  | -  | -                           | 34,013         |         |                | 3,221              |                | 30,792             |                |                    |
| 11/19/2019 | 1,223            | 1,995           | 0               | 0               | -              | 30,792                    | -  | -  | -  | -                           | 34,010         |         |                | 3,218              |                | 30,792             |                |                    |
| 11/20/2019 | 1,111            | 2,015           | 0               | 0               | -              | 30,792                    | -  | -  | -  | -                           | 33,918         |         |                | 3,126              |                | 30,792             |                |                    |
| 11/21/2019 | 1,027            | 2,190           | 0               | 0               | -              | 30,792                    | -  | -  | -  | -                           | 34,009         |         |                | 3,217              |                | 30,792             |                |                    |
| 11/22/2019 | 1,035            | 2,027           | 0               | 0               | -              | 35,700                    | -  | -  | -  | -                           | 38,762         | 242,436 | 34,634         | 3,062              | 3,141          | 35,700             | 31,493         |                    |
| 11/23/2019 | 1,008            | 2,228           | 0               | 0               | -              | 30,238                    | -  | -  | -  | -                           | 33,474         |         |                | 3,236              |                | 30,238             |                |                    |
| 11/24/2019 | 1,008            | 2,228           | 0               | 0               | -              | 30,238                    | -  | -  | -  | -                           | 33,474         |         |                | 3,236              |                | 30,238             |                |                    |
| 11/25/2019 | 1,055            | 1,882           | 0               | 0               | -              | 27,485                    | -  | -  | -  | -                           | 30,422         |         |                | 2,937              |                | 27,485             |                |                    |
| 11/26/2019 | 1,145            | 0               | 0               | 0               | -              | 29,866                    | -  | -  | -  | -                           | 31,011         |         |                | 1,145              |                | 29,866             |                |                    |
| 11/27/2019 | 1,104            | 0               | 0               | 0               | -              | 26,262                    | -  | -  | -  | -                           | 27,366         |         |                | 1,104              |                | 26,262             |                |                    |
| 11/28/2019 | 1,104            | 0               | 0               | 0               | -              | 26,262                    | -  | -  | -  | -                           | 27,366         |         |                | 1,104              |                | 26,262             |                |                    |
| 11/29/2019 | 1,176            | 0               | 0               | 0               | -              | 26,820                    | -  | -  | -  | -                           | 27,996         | 211,109 | 30,158         | 1,176              | 1,991          | 26,820             | 28,167         |                    |
| 11/30/2019 | 1,258            | 0               | 0               | 0               | -              | 27,957                    | -  | -  | -  | -                           | 29,215         |         |                | 1,258              |                | 27,957             |                |                    |
| 12/1/2019  | 1,346            | 0               | 0               | 0               | -              | 29,665                    | -  | -  | -  | -                           | 31,011         |         |                | 1,346              |                | 29,665             |                |                    |
| 12/2/2019  | 1,214            | 14              | 0               | 0               | -              | 27,240                    | -  | -  | -  | -                           | 28,468         |         |                | 1,228              |                | 27,240             |                |                    |
| 12/3/2019  | 1,279            | 2,014           | 0               | 0               | -              | 11,102                    | -  | -  | -  | -                           | 14,395         |         |                | 3,293              |                | 11,102             |                |                    |
| 12/4/2019  | 1,096            | 2,294           | 0               | 0               | -              | 4,565                     | -  | -  | -  | -                           | 7,955          |         |                | 3,390              |                | 4,565              |                |                    |
| 12/5/2019  | 1,070            | 2,305           | 919             | 0               | -              | 7,080                     | -  | -  | -  | -                           | 11,374         |         |                | 4,294              |                | 7,080              |                |                    |
| 12/6/2019  | 1,084            | 2,305           | 894             | 0               | -              | 26,608                    | -  | -  | -  | -                           | 30,891         | 153,309 | 21,901         | 4,283              | 2,727          | 26,608             | 19,174         |                    |
| 12/7/2019  | 1,101            | 2,528           | 887             | 0               | -              | 26,337                    | -  | -  | -  | -                           | 30,853         |         |                | 4,516              |                | 26,337             |                |                    |
| 12/8/2019  | 1,101            | 2,528           | 887             | 0               | -              | 26,337                    | -  | -  | -  | -                           | 30,853         |         |                | 4,516              |                | 26,337             |                |                    |
| 12/9/2019  | 1,067            | 2,636           | 782             | 0               | -              | 26,661                    | -  | -  | -  | -                           | 31,146         |         |                | 4,485              |                | 26,661             |                |                    |
| 12/10/2019 | 1,104            | 2,956           | 753             | 0               | -              | 27,186                    | -  | -  | -  | -                           | 31,999         |         |                | 4,813              |                | 27,186             |                |                    |
| 12/11/2019 | 994              | 2,795           | 679             | 0               | -              | 18,959                    | -  | -  | -  | -                           | 23,427         |         |                | 4,468              |                | 18,959             |                |                    |
| 12/12/2019 | 1,024            | 2,923           | 706             | 0               | -              | 23,521                    | -  | -  | -  | -                           | 28,174         |         |                | 4,653              |                | 23,521             |                |                    |
| 12/13/2019 | 1,083            | 3,003           | 683             | 0               | -              | 29,206                    | -  | -  | -  | -                           | 33,975         | 210,427 | 30,061         | 4,769              | 4,603          | 29,206             | 25,458         |                    |
| 12/14/2019 | 1,043            | 2,547           | 685             | 0               | -              | 26,907                    | -  | -  | -  | -                           | 31,182         |         |                | 4,275              |                | 26,907             |                |                    |
| 12/15/2019 | 1,043            | 2,547           | 685             | 0               | -              | 26,907                    | -  | -  | -  | -                           | 31,182         |         |                | 4,275              |                | 26,907             |                |                    |
| 12/16/2019 | 1,068            | 2,866           | 661             | 0               | -              | 25,997                    | -  | -  | -  | -                           | 30,592         |         |                | 4,595              |                | 25,997             |                |                    |
| 12/17/2019 | 1,150            | 3,093           | 749             | 0               | -              | 27,094                    | -  | -  | -  | -                           | 32,086         |         |                | 4,992              |                | 27,094             |                |                    |
| 12/18/2019 | 997              | 2,501           | 676             | 0               | -              | 25,199                    | -  | -  | -  | -                           | 29,373         |         |                | 4,174              |                | 25,199             |                |                    |
| 12/19/2019 | 1,092            | 2,539           | 664             | 0               | -              | 24,127                    | -  | -  | -  | -                           | 28,422         |         |                | 4,295              |                | 24,127             |                |                    |
| 12/20/2019 | 1,120            | 2,399           | 643             | 0               | -              | 24,114                    | -  | -  | -  | -                           | 28,276         | 211,113 | 30,159         | 4,162              | 4,395          | 24,114             | 25,764         |                    |
| 12/21/2019 | 1,225            | 2,617           | 755             | 0               | -              | 25,513                    | -  | -  | -  | -                           | 30,110         |         |                | 4,597              |                | 25,513             |                |                    |
| 12/22/2019 | 1,225            | 2,617           | 755             | 0               | -              | 25,513                    | -  | -  | -  | -                           | 30,110         |         |                | 4,597              |                | 25,513             |                |                    |
| 12/23/2019 | 1,203            | 2,426           | 718             | 0               | -              | 6,523                     | -  | -  | -  | -                           | 10,870         |         |                | 4,347              |                | 6,523              |                |                    |
| 12/24/2019 | 1,233            | 2,604           | 774             | 0               | -              | 11,624                    | -  | -  | -  | -                           | 16,235         |         |                | 4,611              |                | 11,624             |                |                    |
| 12/25/2019 | 1,233            | 2,604           | 774             | 0               | -              | 11,624                    | -  | -  | -  | -                           | 16,235         |         |                | 4,611              |                | 11,624             |                |                    |
| 12/26/2019 | 1,280            | 2,808           | 763             | 0               | -              | 4,221                     | -  | -  | -  | -                           | 9,072          |         |                | 4,851              |                | 4,221              |                |                    |
| 12/27/2019 | 137              | 220             | 110             | 4               | -              | 17,910                    | -  | -  | -  | -                           | 18,381         | 131,013 | 18,716         | 471                | 4,012          | 17,910             | 14,704         |                    |
| 12/28/2019 | 1,218            | 1,858           | 893             | 0               | -              | 8,676                     | -  | -  | -  | -                           | 12,645         |         |                | 3,969              |                | 8,676              |                |                    |
| 12/29/2019 | 1,218            | 1,858           | 893             | 0               | -              | 8,676                     | -  | -  | -  | -                           | 12,645         |         |                | 3,969              |                | 8,676              |                |                    |
| 12/30/2019 | 1,224            | 1,847           | 859             | 0               | -              | 27,150                    | -  | -  | -  | -                           | 31,080         |         |                | 3,930              |                | 27,150             |                |                    |
| 12/31/2019 | 1,094            | 1,373           | 791             | 0               | -              | 16,691                    | -  | -  | -  | -                           | 19,949         |         |                | 3,258              |                | 16,691             |                |                    |
| 1/1/2020   | 1,094            | 1,373           | 791             | 0               | -              | 16,691                    | -  | -  | -  | -                           | 19,949         |         |                | 3,258              |                | 16,691             |                |                    |
| 1/2/2020   | 1,208            | 1,601           | 800             | 0               | -              | 27,354                    | -  | -  | -  | -                           | 30,963         |         |                | 3,609              |                | 27,354             |                |                    |
| 1/3/2020   | 1,118            | 1,450           | 786             | 0               | -              | 25,481                    | -  | -  | -  | -                           | 28,835         | 156,066 | 22,295         | 3,354              | 3,621          | 25,481             | 18,674         |                    |
| 1/4/2020   | 1,056            | 1,701           | 746             | 0               | -              | 20,610                    | -  | -  | -  | -                           | 24,113         |         |                | 3,503              |                | 20,610             |                |                    |
| 1/5/2020   | 1,056            | 1,701           | 746             | 0               | -              | 20,610                    | -  | -  | -  | -                           | 24,113         |         |                | 3,503              |                | 20,610             |                |                    |
| 1/6/2020   | 1,180            | 2,034           | 737             | 0               | -              | 22,007                    | -  | -  | -  | -                           | 25,958         |         |                | 3,951              |                | 22,007             |                |                    |
| 1/7/2020   | 1,240            | 1,863           | 703             | 0               | -              | 19,547                    | -  | -  | -  | -                           | 23,353         |         |                | 3,806              |                | 19,547             |                |                    |
| 1/8/2020   | 1,157            | 1,559           | 709             | 0               | -              | 19,174                    | -  | -  | -  | -                           | 22,599         |         |                | 3,425              |                | 19,174             |                |                    |

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

| DATE      | Dewatering Wells |              |              |              | Pump Stations |                     |                                   |                                   |                                   |                       |             | Total (gpd) | WEEKLY          |             | DWs             |             | PSS             |  |
|-----------|------------------|--------------|--------------|--------------|---------------|---------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------|-------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|--|
|           | DW 1-1 (gal)     | DW 1-2 (gal) | DW 2-1 (gal) | DW 2-2 (gal) | TPS-2 (gal)   | PS-2 (CO 2-1) (gal) | Test Pump Location (CO 2-4) (gal) | Test Pump Location (CO 3-1) (gal) | Test Pump Location (CO 2-2) (gal) | TPS-2B (CO 2-2) (gal) | TOTAL (gal) |             | Daily Avg (gpd) | Total (gal) | Daily Avg (gpd) | Total (gal) | Daily Avg (gpd) |  |
| 1/9/2020  | 1,068            | 1,860        | 712          | 0            | -             | 18,540              | -                                 | -                                 | -                                 | -                     | 22,180      |             |                 | 3,640       |                 | 18,540      |                 |  |
| 1/10/2020 | 1,024            | 1,887        | 713          | 0            | -             | 24,531              | -                                 | -                                 | -                                 | -                     | 28,155      | 170,471     | 24,353          | 3,624       | 3,636           | 24,531      | 20,717          |  |
| 1/11/2020 | 1,011            | 1,871        | 683          | 0            | -             | 24,647              | -                                 | -                                 | -                                 | -                     | 28,212      |             |                 | 3,565       |                 | 24,647      |                 |  |
| 1/12/2020 | 1,209            | 2,344        | 817          | 0            | -             | 24,245              | -                                 | -                                 | -                                 | -                     | 28,615      |             |                 | 4,370       |                 | 24,245      |                 |  |
| 1/13/2020 | 991              | 2,147        | 670          | 0            | -             | 23,461              | -                                 | -                                 | -                                 | -                     | 27,269      |             |                 | 3,808       |                 | 23,461      |                 |  |
| 1/14/2020 | 940              | 1,677        | 650          | 0            | -             | 23,294              | -                                 | -                                 | -                                 | -                     | 26,561      |             |                 | 3,267       |                 | 23,294      |                 |  |
| 1/15/2020 | 966              | 1,708        | 669          | 0            | -             | 24,681              | -                                 | -                                 | -                                 | -                     | 28,024      |             |                 | 3,343       |                 | 24,681      |                 |  |
| 1/16/2020 | 999              | 1,701        | 695          | 0            | -             | 23,697              | -                                 | -                                 | -                                 | -                     | 27,092      |             |                 | 3,395       |                 | 23,697      |                 |  |
| 1/17/2020 | 1,023            | 1,627        | 672          | 0            | -             | 24,324              | -                                 | -                                 | -                                 | -                     | 27,646      | 193,419     | 27,631          | 3,322       | 3,581           | 24,324      | 24,050          |  |
| 1/18/2020 | 1,022            | 1,710        | 682          | 0            | -             | 25,177              | -                                 | -                                 | -                                 | -                     | 28,591      |             |                 | 3,414       |                 | 25,177      |                 |  |
| 1/19/2020 | 1,089            | 1,847        | 713          | 0            | -             | 26,603              | -                                 | -                                 | -                                 | -                     | 30,252      |             |                 | 3,649       |                 | 26,603      |                 |  |
| 1/20/2020 | 1,028            | 1,583        | 695          | 0            | -             | 23,997              | -                                 | -                                 | -                                 | -                     | 27,303      |             |                 | 3,306       |                 | 23,997      |                 |  |
| 1/21/2020 | 1,067            | 1,706        | 713          | 0            | -             | 23,888              | -                                 | -                                 | -                                 | -                     | 27,374      |             |                 | 3,486       |                 | 23,888      |                 |  |
| 1/22/2020 | 1,099            | 1,708        | 689          | 0            | -             | 25,186              | -                                 | -                                 | -                                 | -                     | 28,682      |             |                 | 3,496       |                 | 25,186      |                 |  |
| 1/23/2020 | 1,113            | 1,862        | 751          | 1            | -             | 25,062              | -                                 | -                                 | -                                 | -                     | 28,789      |             |                 | 3,727       |                 | 25,062      |                 |  |
| 1/24/2020 | 1,060            | 1,790        | 747          | 0            | -             | 18,007              | -                                 | -                                 | -                                 | -                     | 21,604      | 192,595     | 27,514          | 3,597       | 3,525           | 18,007      | 23,989          |  |
| 1/25/2020 | 1,155            | 1,776        | 804          | 0            | -             | 21,751              | -                                 | -                                 | -                                 | -                     | 25,486      |             |                 | 3,735       |                 | 21,751      |                 |  |
| 1/26/2020 | 1,155            | 1,776        | 804          | 0            | -             | 21,751              | -                                 | -                                 | -                                 | -                     | 25,486      |             |                 | 3,735       |                 | 21,751      |                 |  |
| 1/27/2020 | 1,116            | 1,795        | 806          | 0            | -             | 25,608              | -                                 | -                                 | -                                 | -                     | 29,325      |             |                 | 3,717       |                 | 25,608      |                 |  |
| 1/28/2020 | 1,166            | 1,831        | 820          | 0            | -             | 22,134              | -                                 | -                                 | -                                 | -                     | 25,951      |             |                 | 3,817       |                 | 22,134      |                 |  |
| 1/29/2020 | 1,130            | 1,952        | 805          | 0            | -             | 22,741              | -                                 | -                                 | -                                 | -                     | 26,628      |             |                 | 3,887       |                 | 22,741      |                 |  |
| 1/30/2020 | 1,139            | 1,999        | 835          | 0            | -             | 20,115              | -                                 | -                                 | -                                 | -                     | 24,088      |             |                 | 3,973       |                 | 20,115      |                 |  |
| 1/31/2020 | 1,090            | 1,937        | 782          | 0            | -             | 22,307              | -                                 | -                                 | -                                 | -                     | 26,116      | 183,080     | 26,154          | 3,809       | 3,810           | 22,307      | 22,344          |  |
| 2/1/2020  | 1,049            | 2,066        | 753          | 0            | -             | 17,073              | -                                 | -                                 | -                                 | -                     | 20,941      |             |                 | 3,868       |                 | 17,073      |                 |  |
| 2/2/2020  | 1,049            | 2,066        | 753          | 0            | -             | 17,073              | -                                 | -                                 | -                                 | -                     | 20,941      |             |                 | 3,868       |                 | 17,073      |                 |  |
| 2/3/2020  | 1,088            | 2,072        | 745          | 0            | -             | 18,270              | -                                 | -                                 | -                                 | -                     | 22,175      |             |                 | 3,905       |                 | 18,270      |                 |  |
| 2/4/2020  | 1,087            | 2,120        | 760          | 0            | -             | 20,513              | -                                 | -                                 | -                                 | -                     | 24,480      |             |                 | 3,967       |                 | 20,513      |                 |  |
| 2/5/2020  | 1,121            | 2,154        | 785          | 0            | -             | 23,317              | -                                 | -                                 | -                                 | -                     | 27,377      |             |                 | 4,060       |                 | 23,317      |                 |  |
| 2/6/2020  | 1,016            | 2,009        | 0            | 0            | -             | 26,623              | -                                 | -                                 | -                                 | -                     | 29,648      |             |                 | 3,025       |                 | 26,623      |                 |  |
| 2/7/2020  | 976              | 1,852        | 776          | 0            | -             | 16,848              | -                                 | -                                 | -                                 | -                     | 20,452      | 166,014     | 23,716          | 3,604       | 3,757           | 16,848      | 19,960          |  |
| 2/8/2020  | 1,082            | 1,933        | 768          | 0            | -             | 16,216              | -                                 | -                                 | -                                 | -                     | 19,999      |             |                 | 3,783       |                 | 16,216      |                 |  |
| 2/9/2020  | 1,082            | 1,933        | 768          | 0            | -             | 16,216              | -                                 | -                                 | -                                 | -                     | 19,999      |             |                 | 3,783       |                 | 16,216      |                 |  |
| 2/10/2020 | 1,279            | 2,360        | 770          | 0            | -             | 18,061              | -                                 | -                                 | -                                 | -                     | 22,470      |             |                 | 4,409       |                 | 18,061      |                 |  |
| 2/11/2020 | 1,310            | 1,944        | 764          | 0            | -             | 19,316              | -                                 | -                                 | -                                 | -                     | 23,334      |             |                 | 4,018       |                 | 19,316      |                 |  |
| 2/12/2020 | 1,343            | 1,676        | 742          | 0            | -             | 20,284              | -                                 | -                                 | -                                 | -                     | 24,045      |             |                 | 3,761       |                 | 20,284      |                 |  |
| 2/13/2020 | 1,385            | 1,908        | 778          | 0            | -             | 19,098              | -                                 | -                                 | -                                 | -                     | 23,169      |             |                 | 4,071       |                 | 19,098      |                 |  |
| 2/14/2020 | 1,235            | 1,957        | 721          | 0            | -             | 8,501               | -                                 | -                                 | -                                 | -                     | 12,414      | 145,430     | 20,776          | 3,913       | 3,963           | 8,501       | 16,813          |  |
| 2/15/2020 | 1,202            | 1,670        | 713          | 0            | -             | 13,686              | -                                 | -                                 | -                                 | -                     | 17,271      |             |                 | 3,585       |                 | 13,686      |                 |  |
| 2/16/2020 | 1,202            | 1,670        | 713          | 0            | -             | 13,686              | -                                 | -                                 | -                                 | -                     | 17,271      |             |                 | 3,585       |                 | 13,686      |                 |  |
| 2/17/2020 | 1,025            | 1,431        | 754          | 0            | -             | 26,318              | -                                 | -                                 | -                                 | -                     | 29,528      |             |                 | 3,210       |                 | 26,318      |                 |  |
| 2/18/2020 | 1,090            | 1,622        | 782          | 0            | -             | 18,908              | -                                 | -                                 | -                                 | -                     | 22,402      |             |                 | 3,494       |                 | 18,908      |                 |  |
| 2/19/2020 | 959              | 1,379        | 752          | 0            | -             | 18,151              | -                                 | -                                 | -                                 | -                     | 21,241      |             |                 | 3,090       |                 | 18,151      |                 |  |
| 2/20/2020 | 248              | 568          | 802          | 0            | -             | 19,743              | -                                 | -                                 | -                                 | -                     | 21,361      |             |                 | 1,618       |                 | 19,743      |                 |  |
| 2/21/2020 | 39               | 0            | 744          | 0            | -             | 15,804              | -                                 | -                                 | -                                 | -                     | 16,587      | 145,661     | 20,809          | 783         | 2,766           | 15,804      | 18,042          |  |
| 2/22/2020 | 0                | 1,717        | 755          | 0            | -             | 16,602              | -                                 | -                                 | -                                 | -                     | 19,074      |             |                 | 2,472       |                 | 16,602      |                 |  |
| 2/23/2020 | 0                | 1,717        | 755          | 0            | -             | 16,602              | -                                 | -                                 | -                                 | -                     | 19,074      |             |                 | 2,472       |                 | 16,602      |                 |  |
| 2/24/2020 | 0                | 2,275        | 784          | 0            | -             | 21,006              | -                                 | -                                 | -                                 | -                     | 24,065      |             |                 | 3,059       |                 | 21,006      |                 |  |
| 2/25/2020 | 0                | 2,166        | 762          | 0            | -             | 18,075              | -                                 | -                                 | -                                 | -                     | 21,003      |             |                 | 2,928       |                 | 18,075      |                 |  |
| 2/26/2020 | 0                | 2,131        | 767          | 0            | -             | 16,366              | -                                 | -                                 | -                                 | -                     | 19,264      |             |                 | 2,898       |                 | 16,366      |                 |  |
| 2/27/2020 | 0                | 2,243        | 673          | 0            | -             | 14,103              | -                                 | -                                 | -                                 | -                     | 17,019      |             |                 | 2,916       |                 | 14,103      |                 |  |
| 2/28/2020 | 0                | 2,357        | 760          | 0            | -             | 15,556              | -                                 | -                                 | -                                 | -                     | 18,673      | 138,172     | 19,739          | 3,117       | 2,837           | 15,556      | 16,901          |  |
| 2/29/2020 | 0                | 2,075        | 676          | 0            | -             | 13,072              | -                                 | -                                 | -                                 | -                     | 15,823      |             |                 | 2,751       |                 | 13,072      |                 |  |
| 3/1/2020  | 575              | 1,972        | 781          | 0            | -             | 15,609              | -                                 | -                                 | -                                 | -                     | 18,937      |             |                 | 3,328       |                 | 15,609      |                 |  |
| 3/2/2020  | 1,121            | 1,799        | 787          | 0            | -             | 20,305              | -                                 | -                                 | -                                 | -                     | 24,012      |             |                 | 3,707       |                 | 20,305      |                 |  |
| 3/3/2020  | 1,085            | 1,675        | 766          | 0            | -             | 17,649              | -                                 | -                                 | -                                 | -                     | 21,175      |             |                 | 3,526       |                 | 17,649      |                 |  |
| 3/4/2020  | 606              | 1,567        | 839          | 0            | -             | 5,474               | -                                 | -                                 | -                                 | -                     | 8,486       |             |                 | 3,012       |                 | 5,474       |                 |  |
| 3/5/2020  | 472              | 1,211        | 743          | 3            | -             | 24,601              | -                                 | -                                 | -                                 | -                     | 27,030      |             |                 | 2,429       |                 | 24,601      |                 |  |
| 3/6/2020  | 515              | 1,477        | 938          | 0            | -             | 16,820              | -                                 | -                                 | -                                 | -                     | 19,750      | 135,213     | 19,316          | 2,930       | 3,098           | 16,820      | 16,219          |  |
| 3/7/2020  | 334              | 1,348        | 746          | 0            | -             | 12,045              | -                                 | -                                 | -                                 | -                     | 14,473      |             |                 | 2,428       |                 | 12,045      |                 |  |
| 3/8/2020  | 334              | 1,348        | 746          | 0            | -             | 12,045              | -                                 | -                                 | -                                 | -                     | 14,473      |             |                 | 2,428       |                 | 12,045      |                 |  |
| 3/9/2020  | 324              | 1,486        | 800          | 0            | -             | 14,419              | -                                 | -                                 | -                                 | -                     | 17,029      |             |                 | 2,610       |                 | 14,419      |                 |  |
| 3/10/2020 | 372              | 1,464        | 810          | 0            | -             | 17,384              | -                                 | -                                 | -                                 | -                     | 20,030      |             |                 | 2,646       |                 | 17,384      |                 |  |
| 3/11/2020 | 382              | 860          | 874          | 0            | -             | 18,188              | -                                 | -                                 | -                                 | -                     | 20,304      |             |                 | 2,116       |                 | 18,188      |                 |  |
| 3/12/2020 | 358              | 0            | 761          | 0            | -             | 16,617              | -                                 | -                                 | -                                 | -                     | 17,736      |             |                 | 1,119       |                 | 16,617      |                 |  |
| 3/13/2020 | 141              | 1,866        | 812          | 2            | -             | 15,125              | -                                 | -                                 | -                                 | -                     | 17,946      | 121,991     | 17,427          | 2,821       | 2,388           | 15,125      | 15,478          |  |
| 3/14/2020 | 0                | 2,100        | 873          | 0            | -             | 14,567              | -                                 | -                                 | -                                 | -                     | 17,540      |             |                 | 2,973       |                 | 14,567      |                 |  |

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<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) |  |
| 3/15/2020 | 0                | 2,100           | 873             | 0               | -              | 14,567                    | -  | -  | -  | -                           | 17,540         |         |                    | 2,973          |                    | 14,567         |                    |  |
| 3/16/2020 | 0                | 1,268           | 775             | 0               | -              | 15,224                    | -  | -  | -  | -                           | 17,267         |         |                    | 2,043          |                    | 15,224         |                    |  |
| 3/17/2020 | 0                | 299             | 816             | 0               | -              | 13,388                    | -  | -  | -  | -                           | 14,503         |         |                    | 1,115          |                    | 13,388         |                    |  |
| 3/18/2020 | 0                | 4,629           | 742             | 0               | -              | 13,127                    | -  | -  | -  | -                           | 18,498         |         |                    | 5,371          |                    | 13,127         |                    |  |
| 3/19/2020 | 0                | 2,399           | 800             | 0               | -              | 14,234                    | -  | -  | -  | -                           | 17,433         |         |                    | 3,199          |                    | 14,234         |                    |  |
| 3/20/2020 | 0                | 1,660           | 764             | 0               | -              | 13,863                    | -  | -  | -  | -                           | 16,287         | 119,068 | 17,010             | 2,424          | 2,800              | 13,863         | 14,126             |  |
| 3/21/2020 | 0                | 1,674           | 802             | 0               | -              | 14,477                    | -  | -  | -  | -                           | 16,953         |         |                    | 2,476          |                    | 14,477         |                    |  |
| 3/22/2020 | 0                | 1,674           | 802             | 0               | -              | 14,477                    | -  | -  | -  | -                           | 16,953         |         |                    | 2,476          |                    | 14,477         |                    |  |
| 3/23/2020 | 0                | 2,020           | 820             | 0               | -              | 15,026                    | -  | -  | -  | -                           | 17,866         |         |                    | 2,840          |                    | 15,026         |                    |  |
| 3/24/2020 | 0                | 1,980           | 765             | 0               | -              | 16,146                    | -  | -  | -  | -                           | 18,891         |         |                    | 2,745          |                    | 16,146         |                    |  |
| 3/25/2020 | 0                | 2,246           | 872             | 0               | -              | 17,153                    | -  | -  | -  | -                           | 20,271         |         |                    | 3,118          |                    | 17,153         |                    |  |
| 3/26/2020 | 0                | 1,776           | 759             | 0               | -              | 15,830                    | -  | -  | -  | -                           | 18,365         |         |                    | 2,535          |                    | 15,830         |                    |  |
| 3/27/2020 | 0                | 1,824           | 715             | 0               | -              | 12,731                    | -  | -  | -  | -                           | 15,270         | 124,569 | 17,796             | 2,539          | 2,718              | 12,731         | 14,951             |  |
| 3/28/2020 | 0                | 1,990           | 785             | 0               | -              | 13,294                    | -  | -  | -  | -                           | 16,069         |         |                    | 2,775          |                    | 13,294         |                    |  |
| 3/29/2020 | 0                | 1,990           | 785             | 0               | -              | 13,294                    | -  | -  | -  | -                           | 16,069         |         |                    | 2,775          |                    | 13,294         |                    |  |
| 3/30/2020 | 0                | 2,040           | 803             | 0               | -              | 15,097                    | -  | -  | -  | -                           | 17,940         |         |                    | 2,843          |                    | 15,097         |                    |  |
| 3/31/2020 | 0                | 2,423           | 785             | 0               | -              | 19,580                    | -  | -  | -  | -                           | 22,788         |         |                    | 3,208          |                    | 19,580         |                    |  |
| 4/1/2020  | 0                | 2,448           | 745             | 0               | -              | 13,700                    | -  | -  | -  | -                           | 16,893         |         |                    | 3,193          |                    | 13,700         |                    |  |
| 4/2/2020  | 0                | 2,437           | 725             | 0               | -              | 12,634                    | -  | -  | -  | -                           | 15,796         |         |                    | 3,162          |                    | 12,634         |                    |  |
| 4/3/2020  | 0                | 2,465           | 709             | 0               | -              | 14,277                    | -  | -  | -  | -                           | 17,451         | 123,006 | 17,572             | 3,174          | 3,118              | 14,277         | 14,678             |  |
| 4/4/2020  | 0                | 2,723           | 746             | 0               | -              | 14,166                    | -  | -  | -  | -                           | 17,635         |         |                    | 3,469          |                    | 14,166         |                    |  |
| 4/5/2020  | 0                | 2,723           | 746             | 0               | -              | 14,166                    | -  | -  | -  | -                           | 17,635         |         |                    | 3,469          |                    | 14,166         |                    |  |
| 4/6/2020  | 0                | 2,434           | 657             | 0               | -              | 10,882                    | -  | -  | -  | -                           | 13,973         |         |                    | 3,091          |                    | 10,882         |                    |  |
| 4/7/2020  | 0                | 719             | 187             | 0               | -              | 13,980                    | -  | -  | -  | -                           | 14,886         |         |                    | 906            |                    | 13,980         |                    |  |
| 4/8/2020  | 0                | 2,249           | 772             | 0               | -              | 15,599                    | -  | -  | -  | -                           | 18,620         |         |                    | 3,021          |                    | 15,599         |                    |  |
| 4/9/2020  | 0                | 2,404           | 746             | 0               | -              | 14,961                    | -  | -  | -  | -                           | 18,111         |         |                    | 3,150          |                    | 14,961         |                    |  |
| 4/10/2020 | 0                | 2,085           | 681             | 8               | -              | 12,796                    | -  | -  | -  | -                           | 15,570         | 116,430 | 16,633             | 2,774          | 2,778              | 12,796         | 13,644             |  |
| 4/11/2020 | 0                | 2,282           | 751             | 0               | -              | 13,123                    | -  | -  | -  | -                           | 16,156         |         |                    | 3,033          |                    | 13,123         |                    |  |
| 4/12/2020 | 0                | 2,282           | 751             | 0               | -              | 13,123                    | -  | -  | -  | -                           | 16,156         |         |                    | 3,033          |                    | 13,123         |                    |  |
| 4/13/2020 | 0                | 2,192           | 752             | 0               | -              | 11,351                    | -  | -  | -  | -                           | 14,295         |         |                    | 2,944          |                    | 11,351         |                    |  |
| 4/14/2020 | 0                | 1,989           | 744             | 0               | -              | 14,649                    | -  | -  | -  | -                           | 17,382         |         |                    | 2,733          |                    | 14,649         |                    |  |
| 4/15/2020 | 0                | 1,993           | 757             | 0               | -              | 13,713                    | -  | -  | -  | -                           | 16,463         |         |                    | 2,750          |                    | 13,713         |                    |  |
| 4/16/2020 | 0                | 0               | 727             | 2               | -              | 9,116                     | -  | -  | -  | -                           | 9,845          |         |                    | 729            |                    | 9,116          |                    |  |
| 4/17/2020 | 0                | 0               | 678             | 0               | -              | 10,600                    | -  | -  | -  | -                           | 11,278         | 101,575 | 14,511             | 678            | 2,206              | 10,600         | 12,607             |  |
| 4/18/2020 | 0                | 1,824           | 751             | 0               | -              | 15,695                    | -  | -  | -  | -                           | 18,270         |         |                    | 2,575          |                    | 15,695         |                    |  |
| 4/19/2020 | 0                | 1,824           | 751             | 0               | -              | 15,695                    | -  | -  | -  | -                           | 18,270         |         |                    | 2,575          |                    | 15,695         |                    |  |
| 4/20/2020 | 0                | 1,936           | 640             | 0               | -              | 13,473                    | -  | -  | -  | -                           | 16,049         |         |                    | 2,576          |                    | 13,473         |                    |  |
| 4/21/2020 | 0                | 2,203           | 727             | 0               | -              | 10,147                    | -  | -  | -  | -                           | 13,077         |         |                    | 2,930          |                    | 10,147         |                    |  |
| 4/22/2020 | 0                | 1,870           | 708             | 0               | -              | 11,376                    | -  | -  | -  | -                           | 13,954         |         |                    | 2,578          |                    | 11,376         |                    |  |
| 4/23/2020 | 0                | 1,798           | 746             | 0               | -              | 13,697                    | -  | -  | -  | -                           | 16,241         |         |                    | 2,544          |                    | 13,697         |                    |  |
| 4/24/2020 | 0                | 1,768           | 806             | 0               | -              | 12,069                    | -  | -  | -  | -                           | 14,643         | 110,504 | 15,786             | 2,574          | 2,622              | 12,069         | 12,655             |  |
| 4/25/2020 | 0                | 1,777           | 797             | 0               | -              | 12,125                    | -  | -  | -  | -                           | 14,699         |         |                    | 2,574          |                    | 12,125         |                    |  |
| 4/26/2020 | 0                | 1,777           | 797             | 0               | -              | 12,125                    | -  | -  | -  | -                           | 14,699         |         |                    | 2,574          |                    | 12,125         |                    |  |
| 4/27/2020 | 0                | 1,766           | 802             | 0               | -              | 9,805                     | -  | -  | -  | -                           | 12,373         |         |                    | 2,568          |                    | 9,805          |                    |  |
| 4/28/2020 | 0                | 1,857           | 873             | 0               | -              | 11,684                    | -  | -  | -  | -                           | 14,414         |         |                    | 2,730          |                    | 11,684         |                    |  |
| 4/29/2020 | 0                | 1,851           | 893             | 0               | -              | 16,124                    | -  | -  | -  | -                           | 18,868         |         |                    | 2,744          |                    | 16,124         |                    |  |
| 4/30/2020 | 0                | 1,662           | 813             | 0               | -              | 10,927                    | -  | -  | -  | -                           | 13,402         |         |                    | 2,475          |                    | 10,927         |                    |  |
| 5/1/2020  | 0                | 1,788           | 842             | 0               | -              | 9,848                     | -  | -  | -  | -                           | 12,478         | 100,933 | 14,419             | 2,630          | 2,614              | 9,848          | 11,805             |  |
| 5/2/2020  | 0                | 1,812           | 876             | 0               | -              | 13,045                    | -  | -  | -  | -                           | 15,733         |         |                    | 2,688          |                    | 13,045         |                    |  |
| 5/3/2020  | 0                | 1,812           | 876             | 0               | -              | 13,045                    | -  | -  | -  | -                           | 15,733         |         |                    | 2,688          |                    | 13,045         |                    |  |
| 5/4/2020  | 0                | 1,672           | 890             | 0               | -              | 12,155                    | -  | -  | -  | -                           | 14,717         |         |                    | 2,562          |                    | 12,155         |                    |  |
| 5/5/2020  | 0                | 1,771           | 876             | 0               | -              | 13,661                    | -  | -  | -  | -                           | 16,308         |         |                    | 2,647          |                    | 13,661         |                    |  |
| 5/6/2020  | 0                | 1,886           | 899             | 0               | -              | 13,580                    | -  | -  | -  | -                           | 16,365         |         |                    | 2,785          |                    | 13,580         |                    |  |
| 5/7/2020  | 0                | 2,057           | 940             | 0               | -              | 10,248                    | -  | -  | -  | -                           | 13,245         |         |                    | 2,997          |                    | 10,248         |                    |  |
| 5/8/2020  | 0                | 2,076           | 966             | 0               | -              | 12,897                    | -  | -  | -  | -                           | 15,939         | 108,040 | 15,434             | 3,042          | 2,773              | 12,897         | 12,662             |  |
| 5/9/2020  | 0                | 2,320           | 996             | 0               | -              | 11,432                    | -  | -  | -  | -                           | 14,748         |         |                    | 3,316          |                    | 11,432         |                    |  |
| 5/10/2020 | 0                | 2,320           | 996             | 0               | -              | 11,432                    | -  | -  | -  | -                           | 14,748         |         |                    | 3,316          |                    | 11,432         |                    |  |
| 5/11/2020 | 0                | 2,529           | 957             | 0               | -              | 10,334                    | -  | -  | -  | -                           | 13,820         |         |                    | 3,486          |                    | 10,334         |                    |  |
| 5/12/2020 | 0                | 2,787           | 1023            | 0               | -              | 9,904                     | -  | -  | -  | -                           | 13,714         |         |                    | 3,810          |                    | 9,904          |                    |  |
| 5/13/2020 | 0                | 2,645           | 1026            | 0               | -              | 9,855                     | -  | -  | -  | -                           | 13,526         |         |                    | 3,671          |                    | 9,855          |                    |  |
| 5/14/2020 | 0                | 2,652           | 1008            | 0               | -              | 11,565                    | -  | -  | -  | -                           | 15,225         |         |                    | 3,660          |                    | 11,565         |                    |  |
| 5/15/2020 | 0                | 2,309           | 1001            | 0               | -              | 12,305                    | -  | -  | -  | -                           | 15,615         | 101,396 | 14,485             | 3,310          | 3,510              | 12,305         | 10,975             |  |
| 5/16/2020 | 0                | 2,436           | 1086            | 0               | -              | 11,560                    | -  | -  | -  | -                           | 15,082         |         |                    | 3,522          |                    | 11,560         |                    |  |
| 5/17/2020 | 0                | 2,436           | 1086            | 0               | -              | 11,560                    | -  | -  | -  | -                           | 15,082         |         |                    | 3,522          |                    | 11,560         |                    |  |
| 5/18/2020 | 0                | 2,407           | 1094            | 0               | -              | 11,537                    | -  | -  | -  | -                           | 15,038         |         |                    | 3,501          |                    | 11,537         |                    |  |
| 5/19/2020 | 0                | 2,144           | 1064            | 0               | -              | 10,241                    | -  | -  | -  | -                           | 13,449         |         |                    | 3,208          |                    | 10,241         |                    |  |

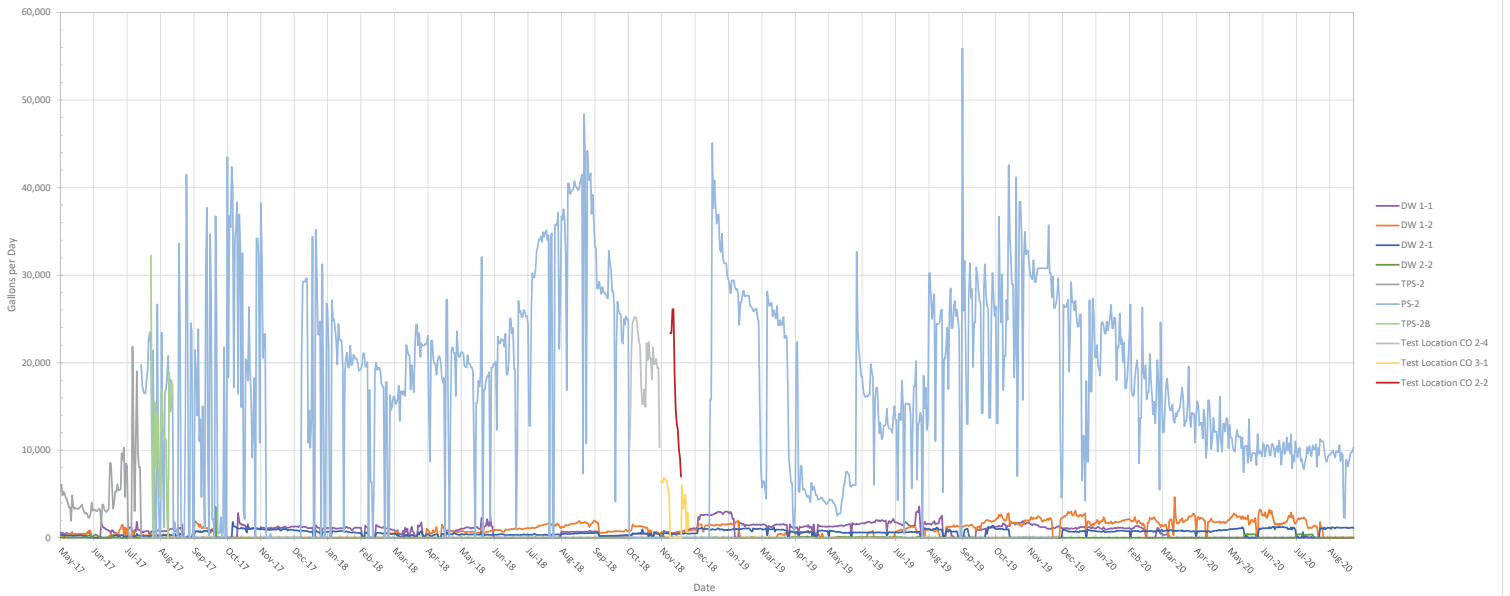
Appendix A - Pumping Data  
Dewatering Wells and Pump Stations  
Liquid Assessment Monitoring  
Southeast County Landfill

| DATE      | Dewatering Wells |                 |                 |                 | Pump Stations  |                           |  |  |  |                             |                | Total  | WEEKLY             |                | DWs                |                | PSS                |  |
|-----------|------------------|-----------------|-----------------|-----------------|----------------|---------------------------|--|--|--|-----------------------------|----------------|--------|--------------------|----------------|--------------------|----------------|--------------------|--|
|           | DW 1-1<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) |  |
| 5/20/2020 | 0                | 2,467           | 1206            | 0               | -              | 11,468                    | -  | -  | -  | -                           | 15,141         |        |                    | 3,673          |                    | 11,468         |                    |  |
| 5/21/2020 | 0                | 2,152           | 1001            | 0               | -              | 7,471                     | -  | -  | -  | -                           | 10,624         |        |                    | 3,153          |                    | 7,471          |                    |  |
| 5/22/2020 | 0                | 2,335           | 1               | 368             | -              | 10,450                    | -  | -  | -  | -                           | 13,154         | 97,570 | 13,939             | 2,704          | 3,326              | 10,450         | 10,612             |  |
| 5/23/2020 | 0                | 2,137           | 219             | 395             | -              | 10,501                    | -  | -  | -  | -                           | 13,252         |        |                    | 2,751          |                    | 10,501         |                    |  |
| 5/24/2020 | 0                | 2,137           | 219             | 395             | -              | 10,501                    | -  | -  | -  | -                           | 13,252         |        |                    | 2,751          |                    | 10,501         |                    |  |
| 5/25/2020 | 0                | 2,558           | 17              | 450             | -              | 8,557                     | -  | -  | -  | -                           | 11,582         |        |                    | 3,025          |                    | 8,557          |                    |  |
| 5/26/2020 | 0                | 1,465           | 1               | 364             | -              | 13,560                    | -  | -  | -  | -                           | 15,390         |        |                    | 1,830          |                    | 13,560         |                    |  |
| 5/27/2020 | 0                | 1,648           | 2               | 397             | -              | 9,516                     | -  | -  | -  | -                           | 11,563         |        |                    | 2,047          |                    | 9,516          |                    |  |
| 5/28/2020 | 0                | 1,993           | 1               | 385             | -              | 8,764                     | -  | -  | -  | -                           | 11,143         |        |                    | 2,379          |                    | 8,764          |                    |  |
| 5/29/2020 | 0                | 2,055           | 5               | 386             | -              | 9,670                     | -  | -  | -  | -                           | 12,116         | 88,298 | 12,614             | 2,446          | 2,461              | 9,670          | 10,153             |  |
| 5/30/2020 | 0                | 1,820           | 18              | 391             | -              | 9,682                     | -  | -  | -  | -                           | 11,911         |        |                    | 2,229          |                    | 9,682          |                    |  |
| 5/31/2020 | 0                | 1,820           | 18              | 391             | -              | 9,682                     | -  | -  | -  | -                           | 11,911         |        |                    | 2,229          |                    | 9,682          |                    |  |
| 6/1/2020  | 0                | 2,263           | 1               | 391             | -              | 9,607                     | -  | -  | -  | -                           | 12,262         |        |                    | 2,655          |                    | 9,607          |                    |  |
| 6/2/2020  | 0                | 353             | 0               | 80              | -              | 8,300                     | -  | -  | -  | -                           | 8,733          |        |                    | 433            |                    | 8,300          |                    |  |
| 6/3/2020  | 0                | 0               | 0               | 0               | -              | 11,847                    | -  | -  | -  | -                           | 11,847         |        |                    | 0              |                    | 11,847         |                    |  |
| 6/4/2020  | 0                | 2,727           | 819             | 3               | -              | 9,610                     | -  | -  | -  | -                           | 13,159         |        |                    | 3,549          |                    | 9,610          |                    |  |
| 6/5/2020  | 0                | 3,216           | 1,087           | 0               | -              | 9,890                     | -  | -  | -  | -                           | 14,193         | 84,016 | 12,002             | 4,303          | 2,200              | 9,890          | 9,803              |  |
| 6/6/2020  | 0                | 3,175           | 988             | 0               | -              | 9,818                     | -  | -  | -  | -                           | 13,981         |        |                    | 4,163          |                    | 9,818          |                    |  |
| 6/7/2020  | 0                | 2,588           | 1,063           | 0               | -              | 9,297                     | -  | -  | -  | -                           | 12,948         |        |                    | 3,651          |                    | 9,297          |                    |  |
| 6/8/2020  | 0                | 2,660           | 1,123           | 0               | -              | 10,791                    | -  | -  | -  | -                           | 14,574         |        |                    | 3,783          |                    | 10,791         |                    |  |
| 6/9/2020  | 0                | 2,480           | 1,061           | 0               | -              | 10,571                    | -  | -  | -  | -                           | 14,112         |        |                    | 3,541          |                    | 10,571         |                    |  |
| 6/10/2020 | 0                | 2,913           | 1,104           | 0               | -              | 9,290                     | -  | -  | -  | -                           | 13,307         |        |                    | 4,017          |                    | 9,290          |                    |  |
| 6/11/2020 | 0                | 2,312           | 1,093           | 0               | -              | 10,352                    | -  | -  | -  | -                           | 13,757         |        |                    | 3,405          |                    | 10,352         |                    |  |
| 6/12/2020 | 0                | 2,263           | 1,099           | 0               | -              | 10,613                    | -  | -  | -  | -                           | 13,975         | 96,654 | 13,808             | 3,362          | 3,703              | 10,613         | 10,105             |  |
| 6/13/2020 | 0                | 2,827           | 1,074           | 0               | -              | 10,550                    | -  | -  | -  | -                           | 14,451         |        |                    | 3,901          |                    | 10,550         |                    |  |
| 6/14/2020 | 0                | 3,208           | 1,238           | 0               | -              | 9,438                     | -  | -  | -  | -                           | 13,884         |        |                    | 4,446          |                    | 9,438          |                    |  |
| 6/15/2020 | 0                | 2,757           | 1,064           | 0               | -              | 9,396                     | -  | -  | -  | -                           | 13,217         |        |                    | 3,821          |                    | 9,396          |                    |  |
| 6/16/2020 | 0                | 3,057           | 1,158           | 0               | -              | 10,664                    | -  | -  | -  | -                           | 14,879         |        |                    | 4,215          |                    | 10,664         |                    |  |
| 6/17/2020 | 0                | 2,416           | 1,254           | 0               | -              | 10,712                    | -  | -  | -  | -                           | 14,382         |        |                    | 3,670          |                    | 10,712         |                    |  |
| 6/18/2020 | 0                | 1,953           | 1,285           | 0               | -              | 10,232                    | -  | -  | -  | -                           | 13,470         |        |                    | 3,238          |                    | 10,232         |                    |  |
| 6/19/2020 | 0                | 1,502           | 960             | 0               | -              | 9,257                     | -  | -  | -  | -                           | 11,719         | 96,002 | 13,715             | 2,462          | 3,679              | 9,257          | 10,036             |  |
| 6/20/2020 | 0                | 1,559           | 1,214           | 0               | -              | 10,163                    | -  | -  | -  | -                           | 12,936         |        |                    | 2,773          |                    | 10,163         |                    |  |
| 6/21/2020 | 0                | 1,593           | 1,213           | 0               | -              | 10,463                    | -  | -  | -  | -                           | 13,269         |        |                    | 2,806          |                    | 10,463         |                    |  |
| 6/22/2020 | 0                | 1,435           | 1,167           | 0               | -              | 9,780                     | -  | -  | -  | -                           | 12,382         |        |                    | 2,602          |                    | 9,780          |                    |  |
| 6/23/2020 | 0                | 1,606           | 1,260           | 0               | -              | 11,099                    | -  | -  | -  | -                           | 13,965         |        |                    | 2,866          |                    | 11,099         |                    |  |
| 6/24/2020 | 0                | 1,449           | 1,194           | 0               | -              | 10,083                    | -  | -  | -  | -                           | 12,726         |        |                    | 2,643          |                    | 10,083         |                    |  |
| 6/25/2020 | 0                | 1,635           | 1,191           | 0               | -              | 8,327                     | -  | -  | -  | -                           | 11,153         |        |                    | 2,826          |                    | 8,327          |                    |  |
| 6/26/2020 | 0                | 1,565           | 1,251           | 0               | -              | 10,084                    | -  | -  | -  | -                           | 12,900         | 89,331 | 12,762             | 2,816          | 2,762              | 10,084         | 10,000             |  |
| 6/27/2020 | 0                | 1,760           | 1,231           | 0               | -              | 10,914                    | -  | -  | -  | -                           | 13,905         |        |                    | 2,991          |                    | 10,914         |                    |  |
| 6/28/2020 | 0                | 1,670           | 1,176           | 0               | -              | 9,585                     | -  | -  | -  | -                           | 12,431         |        |                    | 2,846          |                    | 9,585          |                    |  |
| 6/29/2020 | 0                | 1,772           | 1,179           | 0               | -              | 9,810                     | -  | -  | -  | -                           | 12,761         |        |                    | 2,951          |                    | 9,810          |                    |  |
| 6/30/2020 | 0                | 1,874           | 1,184           | 0               | -              | 11,451                    | -  | -  | -  | -                           | 14,509         |        |                    | 3,058          |                    | 11,451         |                    |  |
| 7/1/2020  | 0                | 2,153           | 989             | 0               | -              | 9,983                     | -  | -  | -  | -                           | 13,125         |        |                    | 3,142          |                    | 9,983          |                    |  |
| 7/2/2020  | 0                | 2,512           | 1,062           | 0               | -              | 10,782                    | -  | -  | -  | -                           | 14,356         |        |                    | 3,574          |                    | 10,782         |                    |  |
| 7/3/2020  | 0                | 2,342           | 973             | 0               | -              | 9,602                     | -  | -  | -  | -                           | 12,917         | 94,004 | 13,429             | 3,315          | 3,125              | 9,602          | 10,304             |  |
| 7/4/2020  | 0                | 2,874           | 1,178           | 0               | -              | 11,813                    | -  | -  | -  | -                           | 15,865         |        |                    | 4,052          |                    | 11,813         |                    |  |
| 7/5/2020  | 0                | 2,284           | 942             | 0               | -              | 7,943                     | -  | -  | -  | -                           | 11,169         |        |                    | 3,226          |                    | 7,943          |                    |  |
| 7/6/2020  | 0                | 2,487           | 1,183           | 0               | -              | 9,401                     | -  | -  | -  | -                           | 13,071         |        |                    | 3,670          |                    | 9,401          |                    |  |
| 7/7/2020  | 0                | 1,770           | 1,115           | 0               | -              | 8,696                     | -  | -  | -  | -                           | 11,581         |        |                    | 2,885          |                    | 8,696          |                    |  |
| 7/8/2020  | 0                | 1,595           | 920             | 30              | -              | 11,001                    | -  | -  | -  | -                           | 13,546         |        |                    | 2,545          |                    | 11,001         |                    |  |
| 7/9/2020  | 0                | 1,782           | 0               | 378             | -              | 9,964                     | -  | -  | -  | -                           | 12,124         |        |                    | 2,160          |                    | 9,964          |                    |  |
| 7/10/2020 | 0                | 2,057           | 186             | 387             | -              | 9,214                     | -  | -  | -  | -                           | 11,844         | 89,200 | 12,743             | 2,630          | 3,024              | 9,214          | 9,719              |  |
| 7/11/2020 | 0                | 2,246           | 23              | 383             | -              | 10,099                    | -  | -  | -  | -                           | 12,751         |        |                    | 2,652          |                    | 10,099         |                    |  |
| 7/12/2020 | 0                | 2,071           | 10              | 394             | -              | 10,285                    | -  | -  | -  | -                           | 12,760         |        |                    | 2,475          |                    | 10,285         |                    |  |
| 7/13/2020 | 0                | 2,230           | 28              | 413             | -              | 8,720                     | -  | -  | -  | -                           | 11,391         |        |                    | 2,671          |                    | 8,720          |                    |  |
| 7/14/2020 | 0                | 2,226           | 2               | 365             | -              | 9,004                     | -  | -  | -  | -                           | 11,597         |        |                    | 2,593          |                    | 9,004          |                    |  |
| 7/15/2020 | 0                | 2,218           | 633             | 342             | -              | 8,230                     | -  | -  | -  | -                           | 11,423         |        |                    | 3,193          |                    | 8,230          |                    |  |
| 7/16/2020 | 0                | 2,330           | 6               | 333             | -              | 7,840                     | -  | -  | -  | -                           | 10,509         |        |                    | 2,669          |                    | 7,840          |                    |  |
| 7/17/2020 | 0                | 2,130           | 128             | 327             | -              | 8,647                     | -  | -  | -  | -                           | 11,232         | 81,663 | 11,666             | 2,585          | 2,691              | 8,647          | 8,975              |  |
| 7/18/2020 | 0                | 2,029           | 223             | 316             | -              | 9,121                     | -  | -  | -  | -                           | 11,689         |        |                    | 2,568          |                    | 9,121          |                    |  |
| 7/19/2020 | 0                | 1,437           | 66              | 348             | -              | 10,334                    | -  | -  | -  | -                           | 12,185         |        |                    | 1,851          |                    | 10,334         |                    |  |
| 7/20/2020 | 0                | 1,074           | 39              | 355             | -              | 9,638                     | -  | -  | -  | -                           | 11,106         |        |                    | 1,468          |                    | 9,638          |                    |  |
| 7/21/2020 | 0                | 1,158           | 21              | 360             | -              | 10,476                    | -  | -  | -  | -                           | 12,015         |        |                    | 1,539          |                    | 10,476         |                    |  |
| 7/22/2020 | 0                | 1,178           | 18              | 386             | -              | 9,931                     | -  | -  | -  | -                           | 11,513         |        |                    | 1,582          |                    | 9,931          |                    |  |
| 7/23/2020 | 0                | 1,106           | 101             | 359             | -              | 9,314                     | -  | -  | -  | -                           | 10,880         |        |                    | 1,566          |                    | 9,314          |                    |  |
| 7/24/2020 | 0                | 1,204           | 0               | 365             | -              | 10,559                    | -  | -  | -  | -                           | 12,128         | 81,516 | 11,645             | 1,569          | 1,735              | 10,559         | 9,910              |  |

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) |  |
| 7/25/2020 | 0                | 1,391           | 0               | 56              | -              | 10,107                    | -  | -  | -  | -                           | 11,554         |                |                    | 1,447          |                    | 10,107         |                    |  |
| 7/26/2020 | 0                | 1,391           | 0               | 56              | -              | 10,107                    | -  | -  | -  | -                           | 11,554         |                |                    | 1,447          |                    | 10,107         |                    |  |
| 7/27/2020 | 0                | 1,310           | 0               | 10              | -              | 10,673                    | -  | -  | -  | -                           | 11,993         |                |                    | 1,320          |                    | 10,673         |                    |  |
| 7/28/2020 | 0                | 1,280           | 0               | 11              | -              | 8,114                     | -  | -  | -  | -                           | 9,405          |                |                    | 1,291          |                    | 8,114          |                    |  |
| 7/29/2020 | 0                | 178             | 0               | 1               | -              | 10,289                    | -  | -  | -  | -                           | 10,468         |                |                    | 179            |                    | 10,289         |                    |  |
| 7/30/2020 | 0                | 41              | 39              | 1               | -              | 9,460                     | -  | -  | -  | -                           | 9,541          |                |                    | 81             |                    | 9,460          |                    |  |
| 7/31/2020 | 0                | 1,783           | 1,066           | 0               | -              | 11,288                    | -  | -  | -  | -                           | 14,137         | 78,652         | 2,185              | 2,849          | 1,231              | 11,288         | 10,005             |  |
| 8/1/2020  | 0                | 1,163           | 1,057           | 0               | -              | 11,028                    | -  | -  | -  | -                           | 13,248         |                |                    | 2,220          |                    | 11,028         |                    |  |
| 8/2/2020  | 0                | 1,163           | 1,057           | 0               | -              | 11,028                    | -  | -  | -  | -                           | 13,248         |                |                    | 2,220          |                    | 11,028         |                    |  |
| 8/3/2020  | 0                | 0               | 1,009           | 0               | -              | 11,016                    | -  | -  | -  | -                           | 12,025         |                |                    | 1,009          |                    | 11,016         |                    |  |
| 8/4/2020  | 0                | 0               | 1,183           | 0               | -              | 9,862                     | -  | -  | -  | -                           | 11,045         |                |                    | 1,183          |                    | 9,862          |                    |  |
| 8/5/2020  | 0                | 0               | 959             | 0               | -              | 8,957                     | -  | -  | -  | -                           | 9,916          |                |                    | 959            |                    | 8,957          |                    |  |
| 8/6/2020  | 0                | 0               | 1,086           | 0               | -              | 8,669                     | -  | -  | -  | -                           | 9,755          |                |                    | 1,086          |                    | 8,669          |                    |  |
| 8/7/2020  | 0                | 0               | 1,161           | 0               | -              | 9,143                     | -  | -  | -  | -                           | 10,304         | 79,541         | 11,363             | 1,161          | 1,405              | 9,143          | 9,958              |  |
| 8/8/2020  | 0                | 3               | 1,142           | 0               | -              | 9,454                     | -  | -  | -  | -                           | 10,599         |                |                    | 1,145          |                    | 9,454          |                    |  |
| 8/9/2020  | 0                | 3               | 1,142           | 0               | -              | 9,454                     | -  | -  | -  | -                           | 10,599         |                |                    | 1,145          |                    | 9,454          |                    |  |
| 8/10/2020 | 0                | 0               | 1,004           | 0               | -              | 9,687                     | -  | -  | -  | -                           | 10,691         |                |                    | 1,004          |                    | 9,687          |                    |  |
| 8/11/2020 | 0                | 0               | 1,196           | 0               | -              | 9,710                     | -  | -  | -  | -                           | 10,906         |                |                    | 1,196          |                    | 9,710          |                    |  |
| 8/12/2020 | 0                | 0               | 1,183           | 0               | -              | 9,960                     | -  | -  | -  | -                           | 11,143         |                |                    | 1,183          |                    | 9,960          |                    |  |
| 8/13/2020 | 0                | 0               | 1,132           | 0               | -              | 9,442                     | -  | -  | -  | -                           | 10,574         |                |                    | 1,132          |                    | 9,442          |                    |  |
| 8/14/2020 | 0                | 0               | 1,071           | 0               | -              | 9,182                     | -  | -  | -  | -                           | 10,253         | 74,765         | 10,681             | 1,071          | 1,125              | 9,182          | 9,556              |  |
| 8/15/2020 | 0                | 0               | 1,187           | 0               | -              | 9,868                     | -  | -  | -  | -                           | 11,055         |                |                    | 1,187          |                    | 9,868          |                    |  |
| 8/16/2020 | 0                | 0               | 1,187           | 0               | -              | 9,868                     | -  | -  | -  | -                           | 11,055         |                |                    | 1,187          |                    | 9,868          |                    |  |
| 8/17/2020 | 0                | 0               | 1,150           | 0               | -              | 9,733                     | -  | -  | -  | -                           | 10,883         |                |                    | 1,150          |                    | 9,733          |                    |  |
| 8/18/2020 | 0                | 0               | 1,162           | 0               | -              | 10,595                    | -  | -  | -  | -                           | 11,757         |                |                    | 1,162          |                    | 10,595         |                    |  |
| 8/19/2020 | 0                | 0               | 1,127           | 0               | -              | 8,744                     | -  | -  | -  | -                           | 9,871          |                |                    | 1,127          |                    | 8,744          |                    |  |
| 8/20/2020 | 0                | 0               | 1,158           | 0               | -              | 9,690                     | -  | -  | -  | -                           | 10,848         |                |                    | 1,158          |                    | 9,690          |                    |  |
| 8/21/2020 | 2                | 2               | 1,128           | 1               | -              | 9,427                     | -  | -  | -  | -                           | 10,560         | 76,029         | 10,861             | 1,133          | 1,158              | 9,427          | 9,704              |  |
| 8/22/2020 | 0                | 0               | 1,172           | 0               | -              | 2,277                     | -  | -  | -  | -                           | 3,449          |                |                    | 1,172          |                    | 2,277          |                    |  |
| 8/23/2020 | 0                | 0               | 1,172           | 0               | -              | 2,277                     | -  | -  | -  | -                           | 3,449          |                |                    | 1,172          |                    | 2,277          |                    |  |
| 8/24/2020 | 0                | 0               | 1,138           | 0               | -              | 8,918                     | -  | -  | -  | -                           | 10,056         |                |                    | 1,138          |                    | 8,918          |                    |  |
| 8/25/2020 | 0                | 0               | 1,176           | 0               | -              | 8,661                     | -  | -  | -  | -                           | 9,837          |                |                    | 1,176          |                    | 8,661          |                    |  |
| 8/26/2020 | 0                | 0               | 1,083           | 0               | -              | 8,160                     | -  | -  | -  | -                           | 9,243          |                |                    | 1,083          |                    | 8,160          |                    |  |
| 8/27/2020 | 0                | 6               | 1,129           | 0               | -              | 8,865                     | -  | -  | -  | -                           | 10,000         |                |                    | 1,135          |                    | 8,865          |                    |  |
| 8/28/2020 | 0                | 0               | 1,119           | 0               | -              | 9,557                     | -  | -  | -  | -                           | 10,676         | 56,710         | 8,101              | 1,119          | 1,142              | 9,557          | 6,959              |  |
| 8/29/2020 | 0                | 0               | 1,187           | 0               | -              | 9,846                     | -  | -  | -  | -                           | 11,033         |                |                    | 1,187          |                    | 9,846          |                    |  |
| 8/30/2020 | 0                | 0               | 1,187           | 0               | -              | 9,846                     | -  | -  | -  | -                           | 11,033         |                |                    | 1,187          |                    | 9,846          |                    |  |
| 8/31/2020 | 0                | 0               | 1,101           | 0               | -              | 10,351                    | -  | -  | -  | -                           | 11,452         |                |                    | 1,101          |                    | 10,351         |                    |  |

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                 |
| 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                 |



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) |
|--------------------------|---------------------------|-------------------------------|---------------------------|------------------------|-----------------------|------------------------|
| 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                 |
| 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                 |

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) |
|--------------------------|---------------------------|-------------------------------|---------------------------|------------------------|-----------------------|------------------------|
| 9/28/2018                | 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                 |
| 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                 |

Weekly Supplemental Leachate Pumping Data  
Liquid Assessment Monitoring  
Southeast County Landfill

| Week Ending             | Condensate Traps | LFG Extraction Wells | Dewatering Wells | Pump Stations | Weekly Total | Daily Average |
|-------------------------|------------------|----------------------|------------------|---------------|--------------|---------------|
|                         | (gal)            | (gal)                | (gal)            | (gal)         | (gal)        | (gpd)         |
| 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 <sup>13</sup>  | 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        |
| 9/6/2019                | 1,851            | 18,710               | 10,940           | 159,942       | 191,443      | 27,349        |
| 9/13/2019               | 2,022            | 12,778               | 12,224           | 160,173       | 187,197      | 26,742        |
| 9/20/2019               | 1,756            | 12,690               | 12,321           | 192,390       | 219,157      | 31,308        |
| 9/27/2019               | 1,876            | 14,077               | 22,539           | 168,601       | 207,093      | 29,585        |
| 10/4/2019               | 1,958            | 13,769               | 30,031           | 162,735       | 208,493      | 29,785        |
| 10/11/2019              | 2,009            | 12,560               | 33,370           | 162,305       | 210,244      | 30,035        |
| 10/18/2019              | 1,774            | 14,592               | 29,487           | 203,244       | 249,097      | 35,585        |
| 10/25/2019              | 3,214            | 26,700               | 23,382           | 171,910       | 225,206      | 32,172        |
| 11/1/2019               | 2,069            | 21,819               | 23,127           | 226,130       | 273,145      | 39,021        |
| 11/8/2019               | 2,267            | 21,091               | 26,041           | 217,827       | 267,226      | 38,175        |
| 11/15/2019              | 2,098            | 18,594               | 25,686           | 211,663       | 258,041      | 36,863        |
| 11/22/2019              | 1,471            | 20,938               | 21,984           | 220,452       | 264,845      | 37,835        |
| 11/29/2019              | 1,091            | 14,619               | 13,938           | 197,171       | 226,819      | 32,403        |
| 12/6/2019               | 834              | 20,377               | 19,092           | 134,217       | 174,520      | 24,931        |
| 12/13/2019              | 1,143            | 19,593               | 32,220           | 178,207       | 231,163      | 33,023        |
| 12/20/2019              | 1,240            | 16,607               | 30,768           | 180,345       | 228,960      | 32,709        |
| 12/27/2019              | 1,304            | 16,904               | 28,085           | 102,928       | 149,221      | 21,317        |
| 1/3/2020                | 1,574            | 7,632                | 25,347           | 130,719       | 165,272      | 23,610        |
| 1/10/2020               | 1,448            | 7,085                | 25,452           | 145,019       | 179,004      | 25,572        |
| 1/17/2020               | 1,354            | 4,369                | 25,070           | 168,349       | 199,142      | 28,449        |
| 1/24/2020               | 1,255            | 4,889                | 24,675           | 167,920       | 198,739      | 28,391        |
| 1/31/2020               | 1,310            | 6,371                | 26,673           | 156,407       | 190,761      | 27,252        |
| 2/7/2020                | 205              | 205                  | 26,297           | 139,717       | 166,423      | 23,775        |
| 2/14/2020               | 826              | 232                  | 27,738           | 117,692       | 146,488      | 20,927        |
| 2/21/2020               | 882              | 221                  | 19,365           | 126,296       | 146,764      | 20,966        |
| 2/28/2020               | 1,002            | 288                  | 19,862           | 118,310       | 139,462      | 19,923        |
| 3/6/2020                | 1,756            | 5,037                | 21,683           | 113,530       | 142,006      | 20,287        |
| 3/13/2020               | 1,572            | 4,637                | 16,168           | 105,823       | 128,200      | 18,314        |
| 3/20/2020               | 1,835            | 4,401                | 20,098           | 98,970        | 125,304      | 17,901        |
| 3/27/2020               | 1,752            | 4,187                | 18,729           | 105,840       | 130,508      | 18,644        |
| 4/3/2020                | 1,633            | 4,123                | 21,130           | 101,876       | 128,762      | 18,395        |
| 4/10/2020 <sup>14</sup> | 1,417            | 3,755                | 19,880           | 96,550        | 121,602      | 17,372        |
| 4/17/2020               | 1,557            | 3,250                | 15,900           | 85,675        | 106,382      | 15,197        |
| 4/24/2020               | 908              | 2,521                | 18,352           | 92,152        | 113,933      | 16,276        |

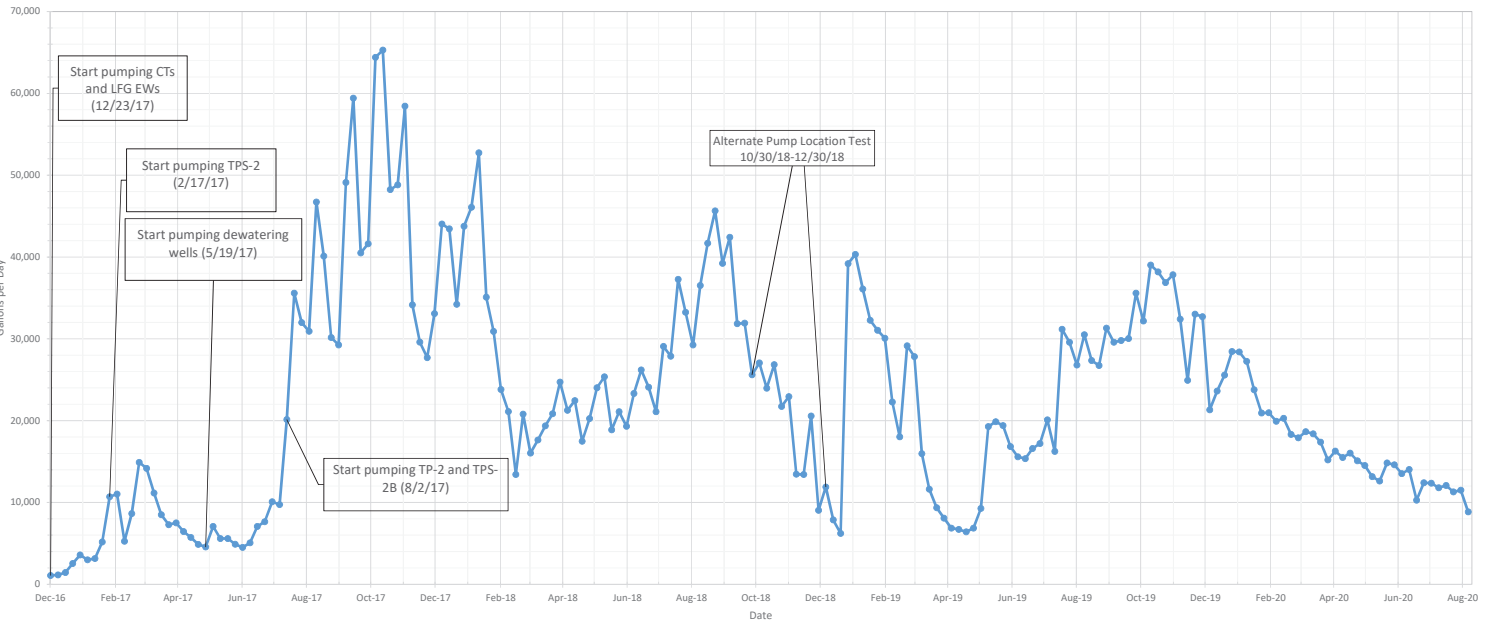
Weekly Supplemental Leachate Pumping Data  
Liquid Assessment Monitoring  
Southeast County Landfill

| 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) |
|-------------|---------------------------|-------------------------------|---------------------------|------------------------|-----------------------|------------------------|
| 5/1/2020    | 4,385                     | 3,102                         | 18,295                    | 82,638                 | 108,420               | 15,489                 |
| 5/8/2020    | 1,020                     | 3,200                         | 19,409                    | 88,631                 | 112,260               | 16,037                 |
| 5/15/2020   | 1,012                     | 3,200                         | 24,569                    | 76,827                 | 105,608               | 15,087                 |
| 5/22/2020   | 807                       | 3,192                         | 23,283                    | 74,287                 | 101,569               | 14,510                 |
| 5/29/2020   | 936                       | 2,877                         | 17,229                    | 71,069                 | 92,111                | 13,159                 |
| 6/5/2020    | 1,336                     | 2,948                         | 15,398                    | 68,618                 | 88,300                | 12,614                 |
| 6/12/2020   | 2,889                     | 4,318                         | 25,922                    | 70,732                 | 103,861               | 14,837                 |
| 6/19/2020   | 1,126                     | 5,119                         | 25,753                    | 70,249                 | 102,247               | 14,607                 |
| 6/26/2020   | 1,071                     | 4,205                         | 19,332                    | 69,999                 | 94,607                | 13,515                 |
| 7/3/2020    | 877                       | 3,352                         | 21,877                    | 72,127                 | 98,233                | 14,033                 |
| 7/10/2020   | 1,234                     | 2,734                         | 0                         | 68,032                 | 72,000                | 10,286                 |
| 7/17/2020   | 1,304                     | 3,844                         | 18,838                    | 62,825                 | 86,811                | 12,402                 |
| 7/24/2020   | 1,156                     | 3,864                         | 12,143                    | 69,373                 | 86,536                | 12,362                 |
| 7/31/2020   | 842                       | 3,101                         | 8,614                     | 70,038                 | 82,595                | 11,799                 |
| 8/7/2020    | 1,496                     | 3,534                         | 9,838                     | 69,703                 | 84,571                | 12,082                 |
| 8/14/2020   | 1,354                     | 2,927                         | 7,876                     | 66,889                 | 79,046                | 11,292                 |
| 8/21/2020   | 1,452                     | 2,998                         | 8,104                     | 67,925                 | 80,479                | 11,497                 |
| 8/28/2020   | 1,923                     | 3,298                         | 7,995                     | 48,715                 | 61,931                | 8,847                  |
| Total       | 2,833,401                 | 2,149,020                     | 1,672,539                 | 16,585,823             | 23,240,783            |                        |

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.
13. Moved pump from EW-38 to HC-17.
14. Removed pump from HC-17.

Appendix A  
Average Daily Flow per Week



## Appendix B

### Liquid Level Data

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

| Phase     | Monitoring Point    | Date       | 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 <sup>1</sup> | 7/12/19    | 11.3                     | 136.2                    | DRY                    | 123.1                   | 0.0                         |                                 |
|           |                     | 7/19/19    | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 7/26/19    | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 8/2/19     | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 8/9/19     | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 8/16/19    | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 8/23/19    | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 8/30/19    | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 9/6/2019   | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 9/13/2019  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 9/20/2019  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 9/27/2019  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 10/4/19    | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 10/11/19   | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 10/18/2019 | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 10/25/19   | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 11/1/19    | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 11/8/2019  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 11/15/2019 | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 11/22/2019 | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 11/29/19   | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 12/6/2019  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 12/13/2019 | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 12/20/2019 | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 12/27/19   | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 1/3/2020   | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 1/10/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 1/17/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 1/24/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 1/31/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 2/7/2020   | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 2/14/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 2/21/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 2/28/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 3/6/2020   | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 3/13/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 3/20/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 3/27/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 4/3/2020   | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 4/10/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 4/17/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 4/24/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 5/1/2020   | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 5/8/2020   | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
|           |                     | 5/15/2020  | 11.3                     |                          | DRY                    |                         | 0.0                         |                                 |
| 5/22/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 5/29/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 6/5/2020  | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 6/12/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 6/19/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 6/26/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 7/3/2020  | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 7/10/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 7/17/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 7/24/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 7/31/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 8/7/2020  | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 8/14/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 8/21/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |
| 8/28/2020 | 11.3                |            | DRY                      |                          | 0.0                    |                         |                             |                                 |

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

| Phase     | Monitoring Point    | Date       | 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>1</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 2               | 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 3              | 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                    |                             |                                 |
| 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                    |                             |                                 |



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

| Phase      | Monitoring Point    | Date       | 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>1</sup> | 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 4              | 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 5             |                         |                             |                                 |      |
|            |                     | 5/17/2019  | 14.4                     | 137.02                   |                        | 122.6                   |                             | 1.2                             | -0.2 |
|            |                     | 5/24/2019  | 14.3                     |                          |                        | 122.7                   |                             | 1.3                             | -0.1 |
|            |                     | 5/31/2019  | 14.0                     |                          |                        | 123.0                   |                             | 1.6                             | 0.2  |
|            |                     | 6/7/2019   | 13.9                     |                          |                        | 123.1                   |                             | 1.7                             | 0.3  |
|            |                     | 6/14/2019  | 14.0                     |                          |                        | 123.0                   |                             | 1.6                             | 0.2  |
|            |                     | 6/21/2019  | 14.0                     |                          |                        | 123.0                   |                             | 1.6                             | 0.2  |
|            |                     | 6/28/2019  | 14.0                     |                          |                        | 123.0                   |                             | 1.6                             | 0.2  |
|            |                     | 7/5/2019   | 14.0                     |                          |                        | 123.0                   |                             | 1.6                             | 0.2  |
|            |                     | 7/12/2019  | 14.0                     |                          |                        | 123.0                   |                             | 1.6                             | 0.2  |
|            |                     | 7/19/2019  | 14.0                     |                          |                        | 123.0                   |                             | 1.6                             | 0.2  |
|            |                     | 7/26/2019  | 14.0                     |                          |                        | 123.0                   |                             | 1.6                             | 0.1  |
|            |                     | 8/2/2019   | 13.9                     |                          |                        | 123.1                   |                             | 1.7                             | 0.2  |
|            |                     | 8/9/2019   | 13.9                     |                          |                        | 123.1                   |                             | 1.7                             | 0.2  |
|            |                     | 8/16/2019  | 13.9                     |                          |                        | 123.1                   |                             | 1.7                             | 0.1  |
|            |                     | 8/23/2019  | 13.9                     |                          |                        | 123.1                   |                             | 1.7                             | 0.0  |
|            |                     | 8/30/2019  | 13.8                     |                          |                        | 123.2                   |                             | 1.8                             | 0.2  |
|            |                     | 9/6/2019   | 13.8                     |                          |                        | 123.2                   |                             | 1.8                             | 0.2  |
|            |                     | 9/13/2019  | 13.8                     |                          |                        | 123.2                   |                             | 1.8                             | 0.2  |
| 9/20/2019  | 13.9                |            |                          | 123.1                    |                        | 1.7                     | 0.1                         |                                 |      |
| 9/27/2019  | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 0.2                         |                                 |      |
| 10/4/2019  | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 0.2                         |                                 |      |
| 10/11/2019 | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 0.2                         |                                 |      |
| 10/18/2019 | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 0.1                         |                                 |      |
| 10/25/2019 | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 0.1                         |                                 |      |
| 11/1/2019  | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 0.1                         |                                 |      |
| 11/8/2019  | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 0.1                         |                                 |      |
| 11/15/2019 | 13.7                |            |                          | 123.3                    |                        | 1.9                     | 0.3                         |                                 |      |
| 11/22/2019 | 13.8                |            |                          | 123.2                    |                        | 1.8                     | -0.1                        |                                 |      |
| 11/29/2019 | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 0.0                         |                                 |      |
| 12/6/2019  | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 1.4                         |                                 |      |
| 12/13/2019 | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 1.6                         |                                 |      |
| 12/20/2019 | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 0.0                         |                                 |      |
| 12/27/2019 | 13.8                |            |                          | 123.2                    |                        | 1.8                     | 0.0                         |                                 |      |

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

| Phase     | Monitoring Point    | Date      | 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>1</sup> | 1/3/2020  | 13.8                     |                          | 123.2                  |                         | 1.8                         | -0.2                            |
|           |                     | 1/10/2020 | 13.8                     |                          | 123.2                  |                         | 1.8                         | -0.3                            |
|           |                     | 1/17/2020 | 13.8                     |                          | 123.2                  |                         | 1.8                         | 0.3                             |
|           |                     | 1/24/2020 | 13.8                     |                          | 123.2                  |                         | 1.8                         | 0.3                             |
|           |                     | 1/31/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.2                             |
|           |                     | 2/7/2020  | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.2                             |
|           |                     | 2/14/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.2                             |
|           |                     | 2/21/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.2                             |
|           |                     | 2/28/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.5                             |
|           |                     | 3/6/2020  | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.2                             |
|           |                     | 3/13/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.2                             |
|           |                     | 3/20/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.2                             |
|           |                     | 3/27/2020 | 13.8                     |                          | 123.2                  |                         | 1.8                         | 0.9                             |
|           |                     | 4/3/2020  | 13.8                     |                          | 123.2                  |                         | 1.8                         | 0.5                             |
|           |                     | 4/10/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.8                             |
|           |                     | 4/17/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.9                             |
|           |                     | 4/24/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.9                             |
|           |                     | 5/1/2020  | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.9                             |
|           |                     | 5/8/2020  | 13.9                     |                          | 123.1                  |                         | 1.7                         | 1.7                             |
|           |                     | 5/15/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.5                             |
|           |                     | 5/22/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.4                             |
|           |                     | 5/29/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.1                             |
|           |                     | 6/5/2020  | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.0                             |
|           |                     | 6/12/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.1                             |
|           |                     | 6/19/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.1                             |
|           |                     | 6/26/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.1                             |
|           |                     | 7/3/2020  | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.1                             |
|           |                     | 7/10/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.1                             |
|           |                     | 7/17/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.1                             |
|           |                     | 7/24/2020 | 13.9                     |                          | 123.1                  |                         | 1.7                         | 0.1                             |
| 7/31/2020 | 13.9                |           | 123.1                    |                          | 1.7                    | 0.0                     |                             |                                 |
| 8/7/2020  | 13.9                |           | 123.1                    |                          | 1.7                    | 0.0                     |                             |                                 |
| 8/14/2020 | 13.9                |           | 123.1                    |                          | 1.7                    | 0.0                     |                             |                                 |
| 8/21/2020 | 13.9                |           | 123.1                    |                          | 1.7                    | 0.0                     |                             |                                 |
| 8/28/2020 | 13.9                |           | 123.1                    |                          | 1.7                    | -0.1                    |                             |                                 |

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

| Phase     | Monitoring Point    | Date       | 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>1</sup> | 7/21/2017  | 15.0                     | 141.05                   | DRY                    | 122.4                   | DRY                         |                                 |  |
|           |                     | 7/28/2017  | 15.0                     | top HDPE                 | DRY                    | See Note 6              | 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 7                  | DRY                             |  |
|           |                     | 12/8/2017  | 19.4                     | 142.2                    | 122.8                  |                         | 0.4                         |                                 |  |
|           |                     | 12/15/2017 | 19.6                     |                          | 122.6                  |                         | 0.2                         |                                 |  |
|           |                     | 12/22/2017 | 19.4                     |                          | 122.8                  |                         | 0.4                         |                                 |  |
|           |                     | 12/29/2017 | 19.5                     |                          | 122.7                  |                         | 0.3                         |                                 |  |
|           |                     | 1/5/2018   | 19.1                     |                          | 123.1                  |                         | 0.7                         |                                 |  |
|           |                     | 1/12/2018  | 19.0                     |                          | 123.2                  |                         | 0.8                         |                                 |  |
|           |                     | 1/19/2018  | 19.1                     |                          | 123.1                  |                         | 0.7                         |                                 |  |
|           |                     | 1/26/2018  | 19.1                     |                          | 123.1                  |                         | 0.7                         |                                 |  |
|           |                     | 2/2/2018   | 19.1                     |                          | 123.1                  |                         | 0.7                         |                                 |  |
|           |                     | 2/9/2018   | 19.1                     |                          | 123.1                  |                         | 0.7                         |                                 |  |
|           |                     | 2/16/2018  | 19.1                     |                          | 123.1                  |                         | 0.7                         |                                 |  |
|           |                     | 2/23/2018  | 19.3                     |                          | 122.9                  |                         | 0.5                         |                                 |  |
|           |                     | 3/2/2018   | 19.1                     |                          | 123.1                  |                         | 0.7                         |                                 |  |
|           |                     | 3/9/2018   | 19.1                     |                          | 123.1                  |                         | 0.7                         |                                 |  |
|           |                     | 3/16/2018  | 19.1                     |                          | 123.1                  |                         | 0.7                         |                                 |  |
|           |                     | 3/23/2018  | 19.2                     |                          | 123.0                  |                         | 0.6                         |                                 |  |
|           |                     | 3/30/2018  | 19.1                     |                          | 123.1                  |                         | 0.7                         |                                 |  |
|           |                     | 4/6/2018   | 19.1                     |                          | 123.1                  |                         | 0.7                         |                                 |  |
|           |                     | 4/13/2018  | 19.0                     |                          | 123.2                  |                         | 0.8                         |                                 |  |
|           |                     | 4/20/2018  | 19.2                     |                          | 123.0                  |                         | 0.6                         |                                 |  |
|           |                     | 4/27/2018  | 19.2                     |                          | 123.0                  |                         | 0.6                         |                                 |  |
|           |                     | 5/4/2018   | 19.2                     |                          | 123.0                  |                         | 0.6                         |                                 |  |
| 5/11/2018 | 19.2                |            | 123.0                    |                          | 0.6                    |                         |                             |                                 |  |
| 5/18/2018 | 19.1                |            | 123.1                    |                          | 0.7                    |                         |                             |                                 |  |
| 5/25/2018 | 19.1                |            | 123.1                    |                          | 0.7                    |                         |                             |                                 |  |
| 6/1/2018  | 19.1                |            | 123.1                    |                          | 0.7                    |                         |                             |                                 |  |
| 6/8/2018  | 19.1                |            | 123.1                    |                          | 0.7                    |                         |                             |                                 |  |
| 6/15/2018 | 19.1                |            | 123.1                    |                          | 0.7                    |                         |                             |                                 |  |
| 6/22/2018 | 19.1                |            | 123.1                    |                          | 0.7                    |                         |                             |                                 |  |
| 6/29/2018 | 19.1                |            | 123.1                    |                          | 0.7                    |                         |                             |                                 |  |
| 7/6/2018  | 19.1                |            | 123.1                    |                          | 0.7                    |                         |                             |                                 |  |
| 7/13/2018 | 19.1                |            | 123.1                    |                          | 0.7                    |                         |                             |                                 |  |
| 7/20/2018 | 19.1                |            | 123.1                    |                          | 0.7                    | 0.7                     |                             |                                 |  |
| 7/27/2018 | 19.2                |            | 123.0                    |                          | 0.6                    | 0.6                     |                             |                                 |  |
| 8/3/2018  | 19.1                |            | 123.1                    |                          | 0.7                    | 0.7                     |                             |                                 |  |
| 8/10/2018 | 19.1                |            | 123.1                    |                          | 0.7                    | 0.7                     |                             |                                 |  |
| 8/17/2018 | 19.0                |            | 123.2                    |                          | 0.8                    | 0.8                     |                             |                                 |  |
| 8/24/2018 | 19.0                |            | 123.2                    |                          | 0.8                    | 0.8                     |                             |                                 |  |
| 8/31/2018 | 19.0                |            | 123.2                    |                          | 0.8                    | 0.8                     |                             |                                 |  |
| 9/7/2018  | 19.0                |            | 123.3                    |                          | 0.9                    | 0.9                     |                             |                                 |  |

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

| Phase      | Monitoring Point    | Date       | 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>1</sup> | 9/14/2018  | 19.0                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|            |                     | 9/21/2018  | 19.0                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|            |                     | 9/28/2018  | 19.0                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|            |                     | 10/5/2018  | 19.0                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|            |                     | 10/12/2018 | 19.0                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|            |                     | 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                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|            |                     | 11/9/2018  | 18.8                     |                          | 123.4                  |                         | 1.0                         | 1.0                             |
|            |                     | 11/16/2018 | 18.8                     |                          | 123.4                  |                         | 1.0                         | 1.0                             |
|            |                     | 11/23/2018 | 18.7                     |                          | 123.5                  | See Note 4              | 1.1                         | 1.1                             |
|            |                     | 11/30/2018 | 18.8                     |                          | 123.4                  |                         | 1.0                         | 1.0                             |
|            |                     | 12/7/2018  | 19.4                     |                          | 122.8                  |                         | 0.4                         | 0.4                             |
|            |                     | 12/14/2018 | 19.5                     |                          | 122.7                  |                         | 0.3                         | 0.3                             |
|            |                     | 12/21/2018 | 18.8                     |                          | 123.4                  |                         | 1.0                         | 1.0                             |
|            |                     | 12/28/2018 | 18.8                     |                          | 123.4                  |                         | 1.0                         | 1.0                             |
|            |                     | 1/4/2019   | 18.6                     |                          | 123.6                  |                         | 1.2                         | 1.2                             |
|            |                     | 1/11/2019  | 18.5                     |                          | 123.7                  |                         | 1.3                         | 1.3                             |
|            |                     | 1/18/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 1/25/2019  | 19.0                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|            |                     | 2/1/2019   | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 2/8/2019   | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 2/15/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 2/22/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 3/1/2019   | 19.5                     |                          | 122.7                  |                         | 0.3                         | 0.3                             |
|            |                     | 3/8/2019   | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 3/15/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 3/22/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 3/29/2019  | 19.6                     |                          | 122.6                  |                         | 0.2                         | 0.2                             |
|            |                     | 4/5/2019   | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|            |                     | 4/12/2019  | 19.4                     |                          | 122.8                  |                         | 0.4                         | 0.4                             |
|            |                     | 4/19/2019  | 19.5                     |                          | 122.7                  |                         | 0.3                         | 0.3                             |
|            |                     | 4/26/2019  | 19.6                     |                          | 122.6                  |                         | 0.2                         | 0.2                             |
|            |                     | 5/3/2019   | 19.6                     |                          | 122.6                  |                         | 0.2                         | 0.2                             |
|            |                     | 5/10/2019  | 19.6                     | See Note 5               | 122.6                  |                         | 0.2                         | 0.2                             |
|            |                     | 5/17/2019  | 19.5                     |                          | 122.7                  |                         | 0.3                         | 0.3                             |
|            |                     | 5/24/2019  | 19.6                     |                          | 122.6                  |                         | 0.2                         | 0.2                             |
|            |                     | 5/31/2019  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|            |                     | 6/7/2019   | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 6/14/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 6/21/2019  | 19.0                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|            |                     | 6/28/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 7/5/2019   | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 7/12/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 7/19/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 7/26/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 8/2/2019   | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 8/9/2019   | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|            |                     | 8/16/2019  | 18.9                     |                          | 123.3                  |                         | 0.9                         | 0.9                             |
|            |                     | 8/23/2019  | 19.0                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
| 8/30/2019  | 19.1                |            | 123.1                    |                          | 0.7                    | 0.7                     |                             |                                 |
| 9/6/2019   | 18.8                |            | 123.4                    |                          | 1.0                    | 1.0                     |                             |                                 |
| 9/13/2019  | 19.0                |            | 123.2                    |                          | 0.8                    | 0.8                     |                             |                                 |
| 9/20/2019  | 18.9                |            | 123.3                    |                          | 0.9                    | 0.9                     |                             |                                 |
| 9/27/2019  | 18.8                |            | 123.4                    |                          | 1.0                    | 1.0                     |                             |                                 |
| 10/4/2019  | 19.1                |            | 123.1                    |                          | 0.7                    | 0.7                     |                             |                                 |
| 10/11/2019 | 18.8                |            | 123.4                    |                          | 1.0                    | 1.0                     |                             |                                 |
| 10/18/2019 | 18.9                |            | 123.3                    |                          | 0.9                    | 0.9                     |                             |                                 |
| 10/25/2019 | 19.2                |            | 123.0                    |                          | 0.6                    | 0.6                     |                             |                                 |

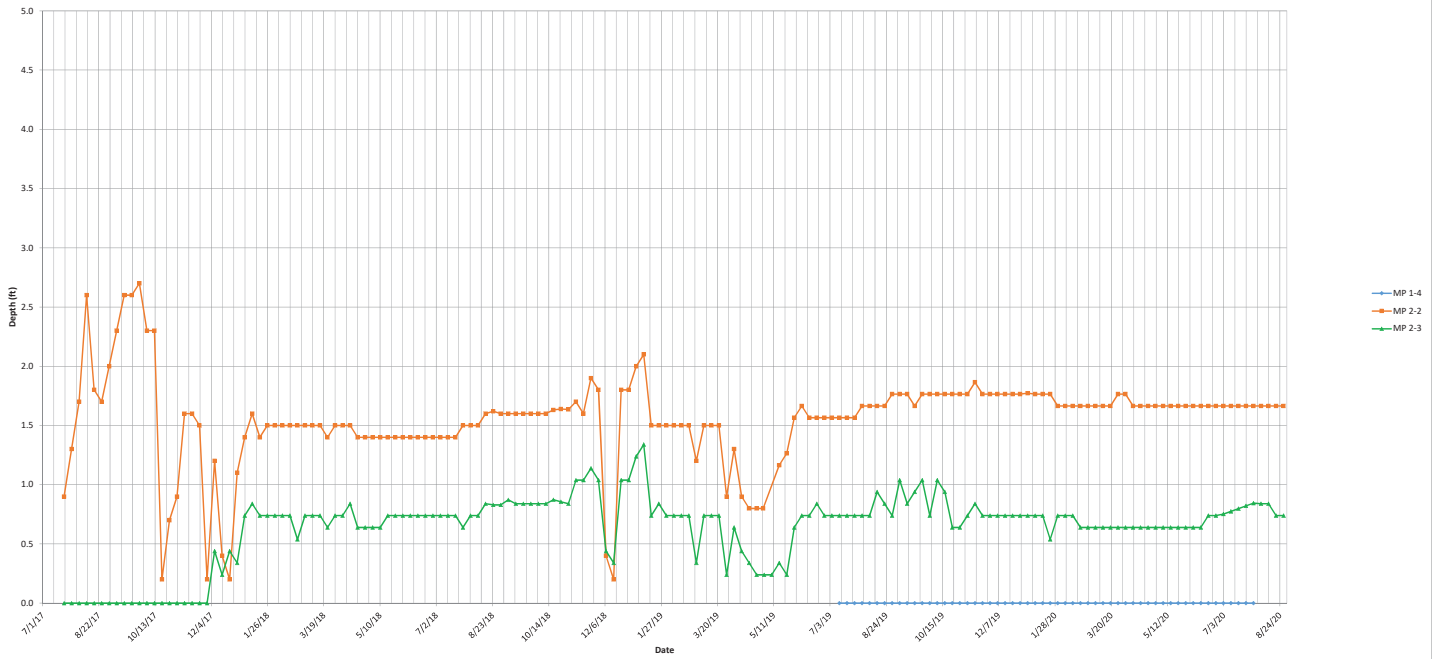
**Appendix B - Water Level Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Phase     | Monitoring Point    | Date       | 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>1</sup> | 11/1/2019  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 11/8/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 11/15/2019 | 19.0                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
|           |                     | 11/22/2019 | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 11/29/2019 | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 12/6/2019  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 12/13/2019 | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 12/20/2019 | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 12/27/2019 | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 1/3/2020   | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 1/10/2020  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 1/17/2020  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 1/24/2020  | 19.3                     |                          | 122.9                  |                         | 0.5                         | 0.5                             |
|           |                     | 1/31/2020  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 2/7/2020   | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 2/14/2020  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 2/21/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 2/28/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 3/6/2020   | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 3/13/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 3/20/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 3/27/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 4/3/2020   | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 4/10/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 4/17/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 4/24/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 5/1/2020   | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 5/8/2020   | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 5/15/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 5/22/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 5/29/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 6/5/2020   | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 6/12/2020  | 19.2                     |                          | 123.0                  |                         | 0.6                         | 0.6                             |
|           |                     | 6/19/2020  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 6/26/2020  | 19.1                     |                          | 123.1                  |                         | 0.7                         | 0.7                             |
|           |                     | 7/3/2020   | 19.1                     |                          | 123.2                  |                         | 0.8                         | 0.8                             |
| 7/10/2020 | 19.1                |            | 123.2                    |                          | 0.8                    | 0.8                     |                             |                                 |
| 7/17/2020 | 19.0                |            | 123.2                    |                          | 0.8                    | 0.8                     |                             |                                 |
| 7/24/2020 | 19.0                |            | 123.2                    |                          | 0.8                    | 0.8                     |                             |                                 |
| 7/31/2020 | 19.0                |            | 123.2                    |                          | 0.8                    | 0.8                     |                             |                                 |
| 8/7/2020  | 19.0                |            | 123.2                    |                          | 0.8                    | 0.8                     |                             |                                 |
| 8/14/2020 | 19.0                |            | 123.2                    |                          | 0.8                    | 0.8                     |                             |                                 |
| 8/21/2020 | 19.1                |            | 123.1                    |                          | 0.7                    | 0.7                     |                             |                                 |
| 8/28/2020 | 19.1                |            | 123.1                    |                          | 0.7                    | 0.7                     |                             |                                 |

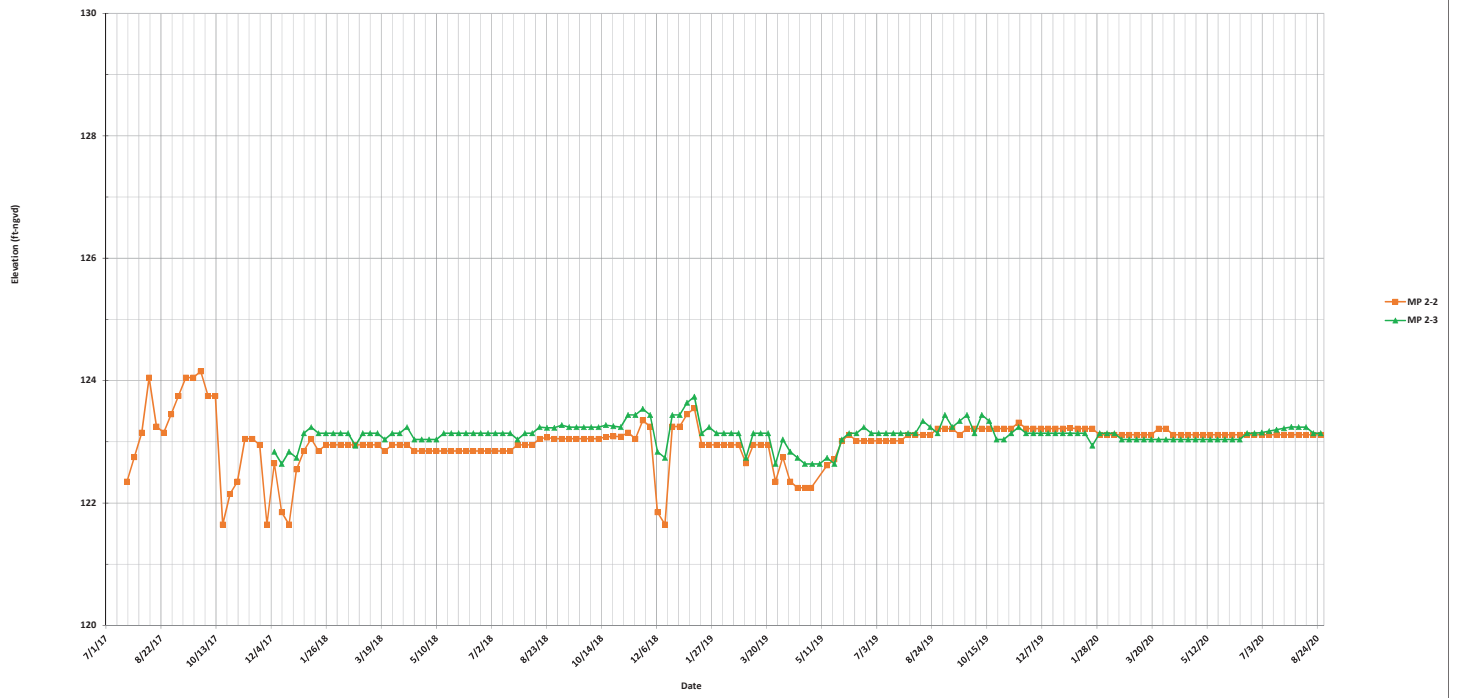
**Notes:**

1. Monitoring Points MP 1-4, MP 2-2, and MP 2-3 are vertical HDPE risers installed in cutoff trench.
2. Installed pump at CO 2-2 on 8/11/2017. MP 2-2 may be affected by pumping.
3. Pump at CO 2-2 turned off to evaluate effects of construction activity at cut-off trench.
4. Power failure - DW-1 and DW-2 not pumping - allowed liquid level to increase in SB-29 and SB-30.
5. 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.
6. Clay elevation at MP 2-3 is estimated based on bottom of trench survey points north and south of riser.
7. Construction activity at CO 2-1 on 12/1 adjusting depth of MP 2-3.

Appendix B  
Liquid Depth - Monitoring Points



Appendix B  
Liquid Elevation - Monitoring Points

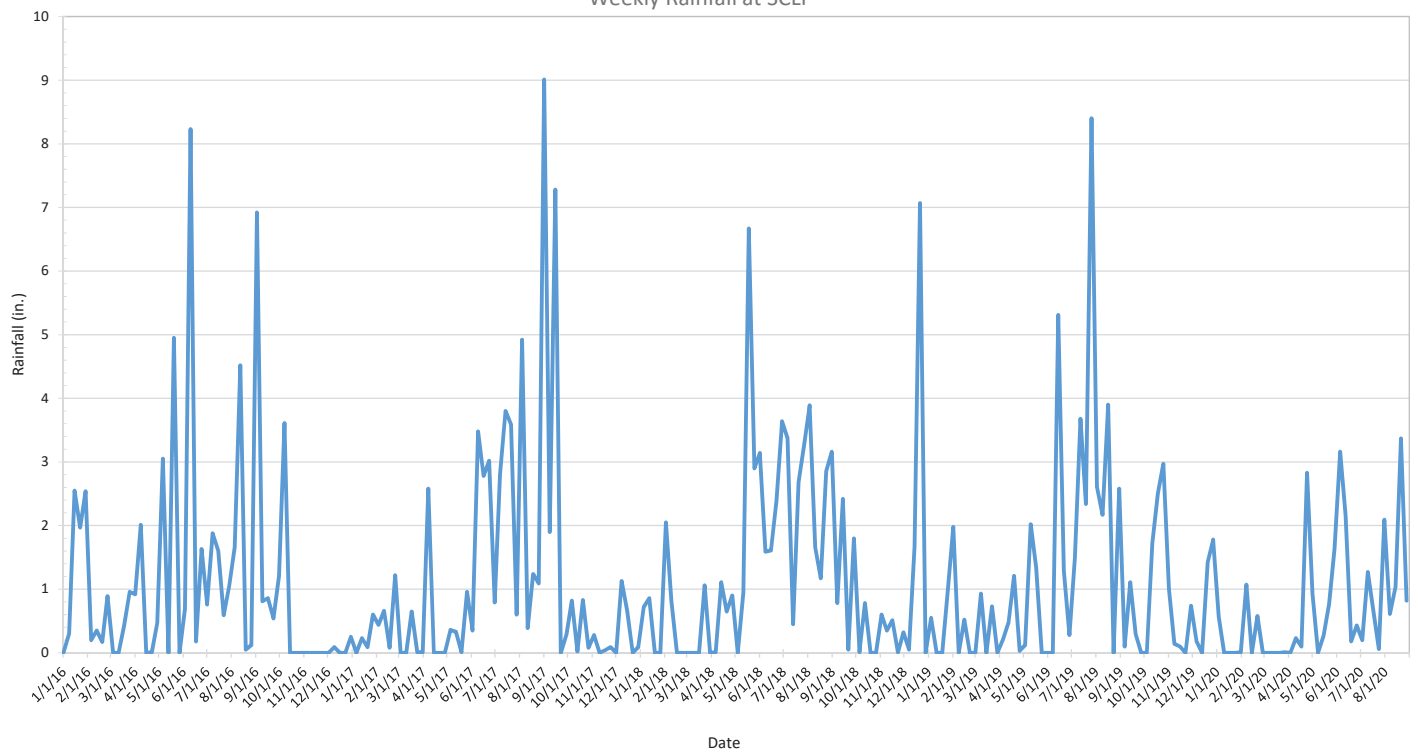


**Appendix B - Rainfall Data  
Liquid Assessment Monitoring  
Southeast County Landfill**

| Week Ending | Rainfall (in.) | Week Ending | Rainfall (in.) | Week Ending | Rainfall (in.) | Week Ending | Rainfall (in.) | Week Ending | Rainfall (in.) |
|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|
| 1/1/16      | 0              | 1/6/17      | 0              | 1/5/18      | 0.72           | 1/4/19      | 0.55           | 1/3/20      | 0.57           |
| 1/8/16      | 0.3            | 1/13/17     | 0.23           | 1/12/18     | 0.86           | 1/11/19     | 0.00           | 1/10/20     | 0              |
| 1/15/16     | 2.55           | 1/20/17     | 0.09           | 1/19/18     | 0.00           | 1/18/19     | 0.00           | 1/17/20     | 0              |
| 1/22/16     | 1.97           | 1/27/17     | 0.6            | 1/26/18     | 0.00           | 1/25/19     | 0.96           | 1/24/20     | 0              |
| 1/29/16     | 2.54           | 2/3/17      | 0.44           | 2/2/18      | 2.05           | 2/1/19      | 1.98           | 1/31/20     | 0.01           |
| 2/5/16      | 0.2            | 2/10/17     | 0.66           | 2/9/18      | 0.82           | 2/8/19      | 0.00           | 2/7/20      | 1.07           |
| 2/12/16     | 0.35           | 2/17/17     | 0.08           | 2/16/18     | 0.00           | 2/15/19     | 0.52           | 2/14/20     | 0              |
| 2/19/16     | 0.17           | 2/24/17     | 1.22           | 2/23/18     | 0.00           | 2/22/19     | 0.00           | 2/21/20     | 0.58           |
| 2/26/16     | 0.89           | 3/3/17      | 0              | 3/2/18      | 0.00           | 3/1/19      | 0.00           | 2/28/20     | 0              |
| 3/4/16      | 0              | 3/10/17     | 0              | 3/9/18      | 0.00           | 3/8/19      | 0.93           | 3/6/20      | 0              |
| 3/11/16     | 0              | 3/17/17     | 0.65           | 3/16/18     | 0.00           | 3/15/19     | 0.00           | 3/13/20     | 0              |
| 3/18/16     | 0.43           | 3/24/17     | 0.01           | 3/23/18     | 1.06           | 3/22/19     | 0.73           | 3/20/20     | 0              |
| 3/25/16     | 0.96           | 3/31/17     | 0.01           | 3/30/18     | 0.00           | 3/29/19     | 0.00           | 3/27/20     | 0.01           |
| 4/1/16      | 0.92           | 4/7/17      | 2.58           | 4/6/18      | 0.01           | 4/5/19      | 0.21           | 4/3/20      | 0              |
| 4/8/16      | 2.01           | 4/14/17     | 0              | 4/13/18     | 1.11           | 4/12/19     | 0.48           | 4/10/20     | 0.23           |
| 4/15/16     | 0              | 4/21/17     | 0              | 4/20/18     | 0.65           | 4/19/19     | 1.21           | 4/17/20     | 0.1            |
| 4/22/16     | 0.01           | 4/28/17     | 0              | 4/27/18     | 0.90           | 4/26/19     | 0.03           | 4/24/20     | 2.83           |
| 4/29/16     | 0.48           | 5/5/17      | 0.36           | 5/4/18      | 0.00           | 5/3/19      | 0.12           | 5/1/20      | 0.93           |
| 5/6/16      | 3.05           | 5/12/17     | 0.33           | 5/11/18     | 0.95           | 5/10/19     | 2.02           | 5/8/20      | 0              |
| 5/13/16     | 0              | 5/19/17     | 0.01           | 5/18/18     | 6.67           | 5/17/19     | 1.34           | 5/15/20     | 0.27           |
| 5/20/16     | 4.95           | 5/26/17     | 0.96           | 5/25/18     | 2.90           | 5/24/19     | 0.00           | 5/22/20     | 0.77           |
| 5/27/16     | 0              | 6/2/17      | 0.35           | 6/1/18      | 3.14           | 5/31/19     | 0.00           | 5/29/20     | 1.64           |
| 6/3/16      | 0.69           | 6/9/17      | 3.48           | 6/8/18      | 1.59           | 6/7/19      | 0.00           | 6/5/20      | 3.16           |
| 6/10/16     | 8.23           | 6/16/17     | 2.78           | 6/15/18     | 1.61           | 6/14/19     | 5.31           | 6/12/20     | 2.16           |
| 6/17/16     | 0.18           | 6/23/17     | 3.02           | 6/22/18     | 2.39           | 6/21/19     | 1.29           | 6/19/20     | 0.18           |
| 6/24/16     | 1.63           | 6/30/17     | 0.79           | 6/29/18     | 3.64           | 6/28/19     | 0.28           | 6/26/20     | 0.43           |
| 7/1/16      | 0.76           | 7/7/17      | 2.8            | 7/6/18      | 3.37           | 7/5/19      | 1.49           | 7/3/20      | 0.2            |
| 7/8/16      | 1.88           | 7/14/17     | 3.8            | 7/13/18     | 0.45           | 7/12/19     | 3.68           | 7/10/20     | 1.27           |
| 7/15/16     | 1.61           | 7/21/17     | 3.59           | 7/20/18     | 2.68           | 7/19/19     | 2.34           | 7/17/20     | 0.67           |
| 7/22/16     | 0.59           | 7/28/17     | 0.6            | 7/27/18     | 3.27           | 7/26/19     | 8.40           | 7/24/20     | 0.06           |
| 7/29/16     | 1.05           | 8/4/17      | 4.92           | 8/3/18      | 3.89           | 8/2/19      | 2.60           | 7/31/20     | 2.09           |
| 8/5/16      | 1.66           | 8/11/17     | 0.39           | 8/10/18     | 1.66           | 8/9/19      | 2.17           | 8/7/20      | 0.61           |
| 8/12/16     | 4.52           | 8/18/17     | 1.24           | 8/17/18     | 1.17           | 8/16/19     | 3.90           | 8/14/20     | 1.03           |
| 8/19/16     | 0.05           | 8/25/17     | 1.09           | 8/24/18     | 2.86           | 8/23/19     | 0.00           | 8/21/20     | 3.37           |
| 8/26/16     | 0.12           | 9/1/17      | 9.01           | 8/31/18     | 3.16           | 8/30/19     | 2.58           | 8/28/20     | 0.82           |
| 9/2/16      | 6.92           | 9/8/17      | 1.9            | 9/7/18      | 0.78           | 9/6/19      | 0.10           |             |                |
| 9/9/16      | 0.81           | 9/15/17     | 7.28           | 9/14/18     | 2.42           | 9/13/19     | 1.11           |             |                |
| 9/16/16     | 0.86           | 9/22/17     | 0              | 9/21/18     | 0.05           | 9/20/19     | 0.29           |             |                |
| 9/23/16     | 0.54           | 9/29/17     | 0.28           | 9/28/18     | 1.80           | 9/27/19     | 0.00           |             |                |
| 9/30/16     | 1.21           | 10/6/17     | 0.82           | 10/5/18     | 0.01           | 10/4/19     | 0.00           |             |                |
| 10/7/16     | 3.61           | 10/13/17    | 0.02           | 10/12/18    | 0.78           | 10/11/19    | 1.72           |             |                |
| 10/14/16    | 0              | 10/20/17    | 0.83           | 10/19/18    | 0.00           | 10/18/19    | 2.51           |             |                |
| 10/21/16    | 0              | 10/27/17    | 0.08           | 10/26/18    | 0.00           | 10/25/19    | 2.97           |             |                |
| 10/28/16    | 0              | 11/3/17     | 0.28           | 11/2/18     | 0.60           | 11/1/19     | 1.00           |             |                |
| 11/4/16     | 0              | 11/10/17    | 0              | 11/9/18     | 0.35           | 11/8/19     | 0.14           |             |                |
| 11/11/16    | 0              | 11/17/17    | 0.04           | 11/16/18    | 0.51           | 11/15/19    | 0.10           |             |                |
| 11/18/16    | 0              | 11/24/17    | 0.09           | 11/23/18    | 0.01           | 11/22/19    | 0.00           |             |                |
| 11/25/16    | 0              | 12/1/17     | 0              | 11/30/18    | 0.32           | 11/29/19    | 0.74           |             |                |
| 12/2/16     | 0              | 12/8/17     | 1.13           | 12/7/18     | 0.05           | 12/6/19     | 0.18           |             |                |
| 12/9/16     | 0.09           | 12/15/17    | 0.66           | 12/14/18    | 1.67           | 12/13/19    | 0.00           |             |                |
| 12/16/16    | 0              | 12/22/17    | 0              | 12/21/18    | 7.07           | 12/20/19    | 1.42           |             |                |
| 12/23/16    | 0              | 12/29/17    | 0.09           | 12/28/18    | 0.00           | 12/27/19    | 1.78           |             |                |
| 12/30/16    | 0.25           |             |                |             |                |             |                |             |                |



Appendix B  
Weekly Rainfall at SCLF



**Appendix C**  
August 2020  
Water Balance



**SOLID WASTE MANAGEMENT**

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

**MEMORANDUM**

**DATE:** September 14, 2020  
**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 2020 Southeast County Landfill, Hillsborough County, Florida

**BOARD OF COUNTY COMMISSIONERS**  
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Peggy Caskey

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 2020 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 10.7 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 the daily average of effluent stored in Pond A was 2.2 feet.

#### **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 effluent in Pond B was 0.5 feet.

#### **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). The number recorded on the twenty-first was caused by a pump malfunction. The contractor was notified and depth measurements returned to normal in a couple of hours. Daily depth readings from the PS-B sump are included in this column. The average recorded depth of leachate in the PS-B sump was 17.2 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 56,542 gallons. A total of 1,752,794 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 555 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 151,985 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 1,904,779 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 73,742 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 445 gallons of leachate was removed from the leak detection system.

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

Column XII 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 an average of 282,700 gallons of leachate was stored in the tank.

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

Column XIII typically presents the daily amount of effluent, in gallons, stored in the 575,000-gallon effluent holding tank T6 at the LTRF. 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 195,100 gallons of effluent was stored in the tank.

### **Leachate Treated at LTRF (Column XIV)**

Column XIV presents the daily amount of leachate, in gallons, treated at the LTRF. On September 15, 2019, plant staff restarted treatment operations. This month a total of 698,576 gallons of leachate was treated at the plant.

### **Total Leachate Hauled (Column XV)**

Column XV presents the daily amount of leachate, in gallons, hauled off site. This month a total of 1,192,207 gallons of leachate was hauled off site.

### **Leachate Dust Control Sprayed (Column XVI)**

Column XVI 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 a total of 14,102 gallons of leachate was used for dust control.

### **Pond A Storage (Column XVII)**

Column XVII 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 a daily average of 71,100 gallons of effluent was stored in Pond A.

### **Pond B Storage (Column XVIII)**

Column XVIII 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 a daily average of 14,800 gallons of effluent was stored in Pond B.

### **Effluent Sprayed at Pond B (Column XIX)**

Column XIX 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 XX)**

Column XX 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 a total of 538,771 gallons of effluent was sprayed.

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

Column XXI 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 XXII)**

Column XXII presents the daily amount of effluent, in gallons, hauled off site, as measured from the flow meter at the bypass-loading arm. This month a total of 6,516 gallons of effluent was hauled off site.

**Total Evaporation (Column XXIII)**

Column XXIII 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 442,100 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 1,980,215 gallons. Total outflow quantity from the LTRF was 1,904,885 gallons. The change in storage for the month increased by 75,330 gallons. Please advise should you have any questions concerning the information provided.

TABLE 1. LEACHATE WATER BALANCE REPORT FORM  
AUGUST 2020  
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                    |  |
|---------------|----------------|-----------------------|-----------------------|-------------------------------|---|--|--|--|---|---|------------------------------|------------------------------|---------------------------------|------------------------------|--|-----------------------|-----------------------|--------------------------------|----------------------------|--|------------------------------|--------------------------|--|
| Day           | Rainfall (in.) | Depth in Pond A (ft.) | Depth in Pond B (ft.) | Estimated Depth at PS-B (in.) | Leachate Pumped to MLPS from Phases I-VI (gal.) | Leachate Pumped from Sections 7-8 LDS (gal.) | Leachate Pumped to MLPS from Sections 7-8 (gal.) | Leachate Pumped to LTRF from MPLS (gal.) | Leachate Pumped to LTRF from Section 9 (gal.) | Leachate Pumped from Section 9 LDS (gal.) | Leachate in 575K Tank (gal.) | Effluent in 575K Tank (gal.) | Leachate Treated at LTRF (gal.) | Total Leachate Hauled (gal.) | Leachate Dust Control (Sprayed) (gal.) | Pond A Storage (gal.) | Pond B Storage (gal.) | Effluent Sprayed Pond B (gal.) | Effluent Irrigation (gal.) | Effluent Dust Control (Sprayed) (gal.) | Total Effluent Hauled (gal.) | Total Evaporation (gal.) |  |
| 1             | 0.00           | 1.7                   | 0.0                   | 14.5                          | 54,918  | 0  | 3,527  | 58,445                                   | 2,683   | 0   | 288,000                      | 202,000                      | 25,521                          | 0                            | 0                                      | 48,000                | 0                     | 0                              | 37,053                     | 0                                      | 0                            | 29,600                   |  |
| 2             | 0.02           | 1.0                   | 0.0                   | 15.9                          | 61,806  | 22   | 4,216  | 66,022                                   | 2,866   | 0   | 324,000                      | 204,000                      | 25,521                          | 0                            | 0                                      | 24,000                | 0                     | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 3             | 0.00           | 1.7                   | 0.0                   | 17.3                          | 60,582  | 22   | 4,216  | 64,798                                   | 2,866   | 0   | 360,000                      | 206,000                      | 25,521                          | 45,636                       | 0                                      | 48,000                | 0                     | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 4             | 0.40           | 2.0                   | 0.0                   | 18.4                          | 55,654  | 0  | 3,439  | 59,093                                   | 1,401   | 36  | 360,000                      | 206,000                      | 17,744                          | 96,110                       | 2,012                                  | 61,000                | 0                     | 0                              | 31,255                     | 0                                      | 0                            | 26,600                   |  |
| 5             | 0.00           | 2.2                   | 0.0                   | 14.5                          | 59,122  | 48   | 3,332  | 62,454                                   | 2,942   | 29  | 288,000                      | 202,000                      | 17,348                          | 83,418                       | 0                                      | 70,000                | 0                     | 0                              | 18,366                     | 0                                      | 0                            | 14,700                   |  |
| 6             | 0.00           | 1.8                   | 0.0                   | 15.9                          | 49,655  | 0  | 4,465  | 54,120                                   | 2,460   | 0   | 288,000                      | 202,000                      | 17,347                          | 32,224                       | 0                                      | 52,000                | 0                     | 0                              | 42,574                     | 0                                      | 0                            | 34,100                   |  |
| 7             | 0.19           | 1.4                   | 0.0                   | 16.5                          | 52,424  | 47   | 3,243  | 55,667                                   | 1,573   | 74  | 300,000                      | 199,000                      | 21,242                          | 45,708                       | 4,024                                  | 36,000                | 0                     | 0                              | 31,257                     | 0                                      | 0                            | 28,200                   |  |
| 8             | 0.45           | 1.2                   | 0.0                   | 20.6                          | 54,373  | 0  | 3,246  | 57,619                                   | 2,559   | 0   | 274,000                      | 194,000                      | 23,742                          | 0                            | 0                                      | 32,000                | 0                     | 0                              | 20,904                     | 0                                      | 0                            | 16,700                   |  |
| 9             | 0.06           | 1.5                   | 0.0                   | 18.1                          | 53,379  | 22   | 4,018  | 57,397                                   | 2,233   | 0   | 301,000                      | 194,000                      | 23,742                          | 0                            | 0                                      | 40,000                | 0                     | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 10            | 0.00           | 1.8                   | 0.0                   | 15.5                          | 53,472  | 22   | 4,018  | 57,490                                   | 2,233   | 0   | 329,000                      | 194,000                      | 23,742                          | 27,858                       | 0                                      | 52,000                | 0                     | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 11            | 0.00           | 2.3                   | 0.0                   | 13.9                          | 51,448  | 0  | 3,572  | 55,020                                   | 3,004   | 0   | 333,000                      | 194,000                      | 25,683                          | 77,352                       | 4,068                                  | 74,000                | 0                     | 0                              | 24,727                     | 0                                      | 6,516                        | 23,000                   |  |
| 12            | 0.10           | 2.3                   | 0.0                   | 14.2                          | 57,993  | 43   | 6,302  | 64,295                                   | 1,485   | 23  | 300,000                      | 182,000                      | 25,683                          | 83,072                       | 3,998                                  | 74,000                | 0                     | 0                              | 35,414                     | 0                                      | 0                            | 31,500                   |  |
| 13            | 0.42           | 2.0                   | 0.0                   | 14.4                          | 57,830  | 0  | 9,520  | 67,350                                   | 2,483   | 1   | 259,000                      | 182,000                      | 24,593                          | 83,272                       | 0                                      | 61,000                | 0                     | 0                              | 54,670                     | 0                                      | 0                            | 43,700                   |  |
| 14            | 0.00           | 1.3                   | 0.0                   | 17.0                          | 55,899  | 46   | 0  | 55,899                                   | 2,564   | 0   | 221,000                      | 182,000                      | 26,263                          | 52,444                       | 0                                      | 36,000                | 0                     | 0                              | 13,667                     | 0                                      | 0                            | 10,900                   |  |
| 15            | 0.01           | 1.5                   | 0.0                   | 19.5                          | 54,698  | 0  | 1,656  | 56,354                                   | 2,256   | 0   | 218,000                      | 182,000                      | 30,422                          | 0                            | 0                                      | 40,000                | 0                     | 0                              | 39,424                     | 0                                      | 0                            | 31,500                   |  |
| 16            | 0.00           | 1.7                   | 0.0                   | 18.7                          | 57,115  | 19   | 3,267  | 60,382                                   | 4,380   | 0   | 247,000                      | 182,000                      | 30,422                          | 0                            | 0                                      | 48,000                | 0                     | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 17            | 0.33           | 1.9                   | 0.0                   | 17.9                          | 56,944  | 19   | 3,267  | 60,211                                   | 4,380   | 0   | 276,000                      | 182,000                      | 30,422                          | 6,407                        | 0                                      | 57,000                | 0                     | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 18            | 0.40           | 2.5                   | 0.0                   | 16.9                          | 56,264  | 48   | 4,670  | 60,934                                   | 2,532   | 4   | 288,000                      | 182,000                      | 31,180                          | 49,661                       | 0                                      | 83,000                | 0                     | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 19            | 0.00           | 3.0                   | 0.0                   | 17.3                          | 56,371  | 0  | 5,923  | 62,294                                   | 4   | 25  | 278,000                      | 182,000                      | 30,202                          | 70,039                       | 0                                      | 108,000               | 0                     | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 20            | 1.20           | 3.3                   | 0.0                   | 21.5                          | 53,791  | 0  | 6,210  | 60,001                                   | 1,771   | 93  | 233,000                      | 182,000                      | 19,963                          | 81,523                       | 0                                      | 123,000               | 0                     | 0                              | 32,337                     | 0                                      | 0                            | 25,900                   |  |
| 21            | 1.43           | 3.3                   | 0.0                   | 37.3                          | 40,596  | 45   | 10,304   | 50,900                                   | 1,580   | 0   | 189,000                      | 182,000                      | 29,095                          | 38,706                       | 0                                      | 123,000               | 0                     | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 22            | 0.40           | 3.7                   | 1.0                   | 12.4                          | 65,320  | 0  | 13,492   | 78,812                                   | 2,652   | 0   | 216,000                      | 182,000                      | 24,554                          | 0                            | 0                                      | 151,000               | 19,000                | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 23            | 0.00           | 3.6                   | 1.4                   | 15.1                          | 50,469  | 22   | 12,801   | 63,270                                   | 1,692   | 0   | 247,000                      | 184,000                      | 24,554                          | 0                            | 0                                      | 145,000               | 33,000                | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 24            | 0.30           | 3.5                   | 1.7                   | 17.8                          | 57,077  | 22   | 12,801   | 69,878                                   | 1,692   | 0   | 278,000                      | 185,000                      | 24,554                          | 44,705                       | 0                                      | 140,000               | 57,000                | 0                              | 41,633                     | 0                                      | 0                            | 33,300                   |  |
| 25            | 0.00           | 3.1                   | 1.7                   | 15.4                          | 58,186  | 36   | 648  | 58,834                                   | 2,803   | 0   | 288,000                      | 185,000                      | 24,704                          | 45,353                       | 0                                      | 113,000               | 57,000                | 0                              | 23,523                     | 0                                      | 0                            | 18,800                   |  |
| 26            | 0.00           | 2.7                   | 1.7                   | 12.9                          | 60,660  | 0  | 3,157  | 63,817                                   | 2,662   | 59  | 290,000                      | 187,000                      | 2,463                           | 56,381                       | 0                                      | 93,000                | 57,000                | 0                              | 17,377                     | 0                                      | 0                            | 13,900                   |  |
| 27            | 0.00           | 2.3                   | 1.7                   | 22.9                          | 55,779  | 35   | 2,883  | 58,662                                   | 2,711   | 0   | 288,000                      | 192,000                      | 7,916                           | 63,509                       | 0                                      | 74,000                | 57,000                | 0                              | 30,092                     | 0                                      | 0                            | 24,100                   |  |
| 28            | 0.12           | 1.7                   | 1.7                   | 18.5                          | 59,331  | 0  | 0  | 59,331                                   | 2,691   | 48  | 276,000                      | 211,000                      | 23,846                          | 64,757                       | 0                                      | 48,000                | 57,000                | 0                              | 21,498                     | 0                                      | 0                            | 17,200                   |  |
| 29            | 0.70           | 1.3                   | 1.7                   | 14.6                          | 58,955  | 37   | 6,840  | 65,795                                   | 1,527   | 0   | 264,000                      | 223,000                      | 13,468                          | 0                            | 0                                      | 36,000                | 57,000                | 0                              | 23,000                     | 0                                      | 0                            | 18,400                   |  |
| 30            | 1.45           | 1.3                   | 1.3                   | 14.0                          | 66,133  | 0  | 3,477  | 69,610                                   | 2,529   | 27  | 309,000                      | 235,000                      | 13,648                          | 0                            | 0                                      | 36,000                | 33,000                | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| 31            | 2.72           | 2.4                   | 1.3                   | 13.4                          | 66,552  | 0  | 3,477  | 70,029                                   | 2,529   | 27  | 355,000                      | 247,000                      | 13,470                          | 44,872                       | 0                                      | 79,000                | 33,000                | 0                              | 0                          | 0                                      | 0                            | 0                        |  |
| Total         | 10.70          |                       |                       |                               | 1,752,794                                       | 555  | 151,985  | 1,904,779                                | 73,742  | 445                                       |                              |                              | 698,576                         | 1,192,207                    | 14,102                                 |                       |                       | 0                              | 538,771                    | 0                                      | 6,516                        | 442,100                  |  |
| Daily Average |                | 2.2                   | 0.5                   | 17.2                          | 56,542  | 18   | 4,903  | 61,444                                   | 2,379   | 14  | 282,700                      | 195,100                      |                                 |                              |  | 71,100                | 14,800                |                                | 17,400                     | 0                                      | 200                          | 14,260                   |  |
| Mo. Average   |                |                       |                       |                               |   |  |  |  |   |   |                              |                              |                                 |                              | 500                                    |                       |                       |                                |                            |  |                              |                          |  |

- 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, Section 7-8 leak detection pumped into Section 7 leachate sump riser.  
8. Column XII and XIII, calculated from depth in 575,000 gal. tanks.  
9. Columns VI-XI, XIV, XV, XVI and XIX-XXII, quantities from flow meters.  
10. Column XXIII includes 80% of the daily values from Column XVI, XX - XXI, plus 5% of the daily values from column XIX.

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**TABLE 2. FIELD DATA ENTRY FORM  
AUGUST 2020  
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                                      |
|--------|----------------|-------------------------------|--------------------|-------------------------|-------------------------|----------------------|--------------------------|-------------------------|--------------------|--------------------------------|--------------------|----------------------------------|-----------------------------------|-----------------------------------|---------------------------------|----------------------------|----------------------|--|----------------------------|----------------------|--|
| Day    | Rainfall (in.) | Flow Meter Pump Sta. A (gal.) | Reading PS-B (in.) | Section 9 Pump 1 (gal.) | Section 9 Pump 2 (gal.) | Section 9 LDS (gal.) | Sections 7-8 Pump (gal.) | Sections 7-8 LDS (gal.) | Pond B Depth (ft.) | Pond B Effluent Sprayed (gal.) | Pond A Depth (ft.) | Effluent Spray Irrigation (gal.) | Depth in 575K Tank Leachate (ft.) | Depth in 575K Tank Effluent (ft.) | Leachate Treated at LTRF (gal.) | Leachate Contractor (gal.) | Hauled County (gal.) | Leachate Dust Control (Sprayed) (gal.) | Effluent Contractor (gal.) | Hauled County (gal.) | Effluent Dust Control (Sprayed) (gal.) |
| 1      | 0.00           | 1,004,411                     | 14.5               | 2,974,260               | 2,615,984               | 5,889,783            | 843,768                  | 421                     | 0.0                | 0.0                            | 1.7                | 37,053                           | 10.00                             | 7.00                              | 25,521                          | 0                          | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 2      | 0.02           | <b>1,052,969</b>              | <b>15.9</b>        | <b>2,974,260</b>        | <b>2,618,850</b>        | <b>5,889,777</b>     | <b>847,984</b>           | <b>443</b>              | <b>0.0</b>         | <b>0.0</b>                     | <b>1.0</b>         | <b>0</b>                         | <b>11.25</b>                      | <b>7.09</b>                       | <b>25,522</b>                   | <b>0</b>                   | <b>0</b>             | <b>0</b>                               | <b>0</b>                   | <b>0</b>             | <b>0</b>                               |
| 3      | 0.00           | 1,101,526                     | 17.3               | 2,974,260               | 2,621,715               | 5,889,771            | 852,200                  | 465                     | 0.0                | 0.0                            | 1.7                | 0                                | 12.50                             | 7.17                              | 25,521                          | 45,636                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 4      | 0.40           | 1,146,135                     | 18.4               | 2,974,260               | 2,623,116               | 5,889,807            | 855,639                  | 465                     | 0.0                | 0                              | 2.0                | 31,255                           | 12.50                             | 7.17                              | 17,744                          | 96,110                     | 0                    | 2,012                                  | 0                          | 0                    | 0                                      |
| 5      | 0.00           | 1,195,341                     | 14.5               | 2,974,260               | 2,626,058               | 5,889,836            | 858,971                  | 513                     | 0.0                | 0.0                            | 2.2                | 18,366                           | 10.00                             | 7.00                              | 17,348                          | 83,418                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 6      | 0.00           | 1,235,241                     | 15.9               | 2,974,260               | 2,628,518               | 5,889,836            | 863,436                  | 513                     | 0.0                | 0                              | 1.8                | 42,574                           | 10.00                             | 7.00                              | 17,347                          | 32,224                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 7      | 0.19           | 1,277,361                     | 16.5               | 2,974,260               | 2,630,091               | 5,889,910            | 866,679                  | 560                     | 0.0                | 0                              | 1.4                | 31,257                           | 10.42                             | 6.92                              | 21,242                          | 45,708                     | 0                    | 4,024                                  | 0                          | 0                    | 0                                      |
| 8      | 0.45           | 1,321,136                     | 20.6               | 2,974,260               | 2,632,650               | 5,889,910            | 869,925                  | 560                     | 0.0                | 0.0                            | 1.2                | 20,904                           | 9.50                              | 6.75                              | 23,742                          | 0                          | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 9      | 0.06           | <b>1,363,917</b>              | <b>18.1</b>        | <b>2,974,260</b>        | <b>2,634,883</b>        | <b>5,889,909</b>     | <b>873,943</b>           | <b>582</b>              | <b>0.0</b>         | <b>0.0</b>                     | <b>1.5</b>         | <b>0</b>                         | <b>10.46</b>                      | <b>6.75</b>                       | <b>23,742</b>                   | <b>0</b>                   | <b>0</b>             | <b>0</b>                               | <b>0</b>                   | <b>0</b>             | <b>0</b>                               |
| 10     | 0.00           | 1,406,698                     | 15.5               | 2,974,260               | 2,637,116               | 5,889,907            | 877,961                  | 604                     | 0.0                | 0                              | 1.8                | 0                                | 11.42                             | 6.75                              | 23,742                          | 27,058                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 11     | 0.00           | 1,447,240                     | 13.9               | 2,974,260               | 2,640,120               | 5,889,907            | 881,533                  | 604                     | 0.0                | 0.0                            | 2.3                | 24,727                           | 11.58                             | 6.75                              | 25,683                          | 77,352                     | 0                    | 4,068                                  | 6,516                      | 0                    | 0                                      |
| 12     | 0.10           | 1,494,090                     | 14.2               | 2,974,260               | 2,641,605               | 5,889,930            | 887,835                  | 647                     | 0.0                | 0.0                            | 2.3                | 35,414                           | 10.42                             | 6.33                              | 25,683                          | 83,072                     | 0                    | 3,998                                  | 0                          | 0                    | 0                                      |
| 13     | 0.42           | 1,541,346                     | 14.4               | 2,974,566               | 2,643,782               | 5,889,931            | 897,355                  | 647                     | 0.0                | 0                              | 2.0                | 54,670                           | 9.00                              | 6.33                              | 24,593                          | 83,272                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 14     | 0.00           | 1,586,992                     | 17.0               | 2,974,999               | 2,645,913               | 5,889,931            | 897,355                  | 693                     | 0.0                | 0.0                            | 1.3                | 13,667                           | 7.67                              | 6.33                              | 26,263                          | 52,444                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 15     | 0.01           | 1,630,636                     | 19.5               | 2,975,272               | 2,647,896               | 5,889,931            | 899,011                  | 693                     | 0.0                | 0.0                            | 1.5                | 39,424                           | 7.58                              | 6.33                              | 30,422                          | 0                          | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 16     | 0.00           | <b>1,676,697</b>              | <b>18.7</b>        | <b>2,977,105</b>        | <b>2,650,443</b>        | <b>5,889,931</b>     | <b>902,278</b>           | <b>712</b>              | <b>0.0</b>         | <b>0.0</b>                     | <b>1.7</b>         | <b>0</b>                         | <b>8.58</b>                       | <b>6.33</b>                       | <b>30,422</b>                   | <b>0</b>                   | <b>0</b>             | <b>0</b>                               | <b>0</b>                   | <b>0</b>             | <b>0</b>                               |
| 17     | 0.33           | 1,722,758                     | 17.9               | 2,978,938               | 2,652,990               | 5,889,931            | 905,544                  | 731                     | 0.0                | 0.0                            | 1.9                | 0                                | 9.58                              | 6.33                              | 30,422                          | 6,407                      | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 18     | 0.40           | 1,767,265                     | 16.9               | 2,981,470               | 2,652,990               | 5,889,935            | 910,214                  | 779                     | 0.0                | 0.0                            | 2.5                | 0                                | 10.00                             | 6.33                              | 31,180                          | 49,661                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 19     | 0.00           | 1,813,765                     | 17.3               | 2,981,474               | 2,652,990               | 5,889,960            | 916,137                  | 779                     | 0.0                | 0.0                            | 3.0                | 0                                | 9.67                              | 6.33                              | <b>30,202</b>                   | 70,039                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 20     | 1.20           | 1,856,708                     | 21.5               | 2,983,245               | 2,652,990               | 5,890,053            | 922,347                  | 779                     | 0.0                | 0.0                            | 3.3                | 32,337                           | 8.08                              | 6.33                              | 19,963                          | 81,523                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 21     | 1.43           | 1,886,744                     | 37.3               | 2,983,246               | 2,654,569               | 5,890,053            | 932,651                  | 824                     | 0.0                | 0.0                            | 3.3                | 0                                | 6.58                              | 6.33                              | 29,095                          | 38,706                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 22     | 0.40           | 1,948,615                     | 12.4               | 2,983,246               | 2,657,221               | 5,890,053            | 946,143                  | 824                     | 1.0                | 0.0                            | 3.7                | 0                                | 7.50                              | 6.33                              | 24,554                          | 0                          | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 23     | 0.00           | <b>1,995,636</b>              | <b>15.1</b>        | <b>2,983,246</b>        | <b>2,658,913</b>        | <b>5,890,053</b>     | <b>958,944</b>           | <b>846</b>              | <b>1.4</b>         | <b>0.0</b>                     | <b>3.6</b>         | <b>0</b>                         | <b>8.59</b>                       | <b>6.38</b>                       | <b>24,554</b>                   | <b>0</b>                   | <b>0</b>             | <b>0</b>                               | <b>0</b>                   | <b>0</b>             | <b>0</b>                               |
| 24     | 0.30           | 2,042,656                     | 17.8               | 2,983,246               | 2,660,605               | 5,890,053            | 971,745                  | 868                     | 1.7                | 0.0                            | 3.5                | 41,633                           | 9.67                              | 6.42                              | 24,554                          | 44,705                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 25     | 0.00           | 2,091,005                     | 15.4               | 2,983,246               | 2,663,408               | 5,890,053            | 972,393                  | 904                     | 1.7                | 0.0                            | 3.1                | 23,523                           | 10.00                             | 6.42                              | 24,704                          | 45,353                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 26     | 0.00           | 2,142,422                     | 12.9               | 2,983,246               | 2,666,070               | 5,890,112            | 975,550                  | 904                     | 1.7                | 0.0                            | 2.7                | 17,377                           | 10.08                             | 6.50                              | 2,463                           | 56,381                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 27     | 0.00           | 2,188,202                     | 22.9               | 2,983,246               | 2,668,781               | 5,890,112            | 978,433                  | 939                     | 1.7                | 0.0                            | 2.3                | 30,092                           | 10.00                             | 6.67                              | 7,916                           | 63,509                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 28     | 0.12           | 2,236,857                     | 18.5               | 2,983,246               | 2,671,472               | 5,890,160            | 978,433                  | 939                     | 1.7                | 0.0                            | 1.7                | 21,498                           | 9.58                              | 7.33                              | 23,846                          | 64,757                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 29     | 0.70           | 2,284,779                     | 14.6               | 2,983,246               | 2,672,999               | 5,890,160            | 985,273                  | 976                     | 1.7                | 0.0                            | 1.3                | 23,000                           | 9.17                              | 7.75                              | 13,468                          | 0                          | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| 30     | 1.45           | <b>2,339,880</b>              | <b>14.0</b>        | <b>2,983,246</b>        | <b>2,675,528</b>        | <b>5,890,187</b>     | <b>988,750</b>           | <b>976</b>              | <b>1.3</b>         | <b>0.0</b>                     | <b>1.3</b>         | <b>0</b>                         | <b>10.75</b>                      | <b>8.17</b>                       | <b>13,648</b>                   | <b>0</b>                   | <b>0</b>             | <b>0</b>                               | <b>0</b>                   | <b>0</b>             | <b>0</b>                               |
| 31     | 2.72           | 2,394,980                     | 13.4               | 2,983,246               | 2,678,057               | 5,890,213            | 992,226                  | 976                     | 1.3                | 0.0                            | 2.4                | 0                                | 12.33                             | 8.58                              | 13,470                          | 44,872                     | 0                    | 0                                      | 0                          | 0                    | 0                                      |
| Totals | 10.70          |                               |                    |                         |                         |                      |                          |                         |                    | 0                              |                    | 538,771                          |                                   |                                   | 698,576                         | 1,192,207                  | 0                    | 14,102                                 | 6,516                      | 0                    | 0                                      |

balance\2020\8-20bal.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 acres | Section 7-9 acres |
|---------------|-------------------|-------------------|
| Open          | 5                 | 0                 |
| Intermediate  | 134.4             | 34.5              |
| Final         | 23                | 0                 |
| Not Opened    | 0                 | 0                 |

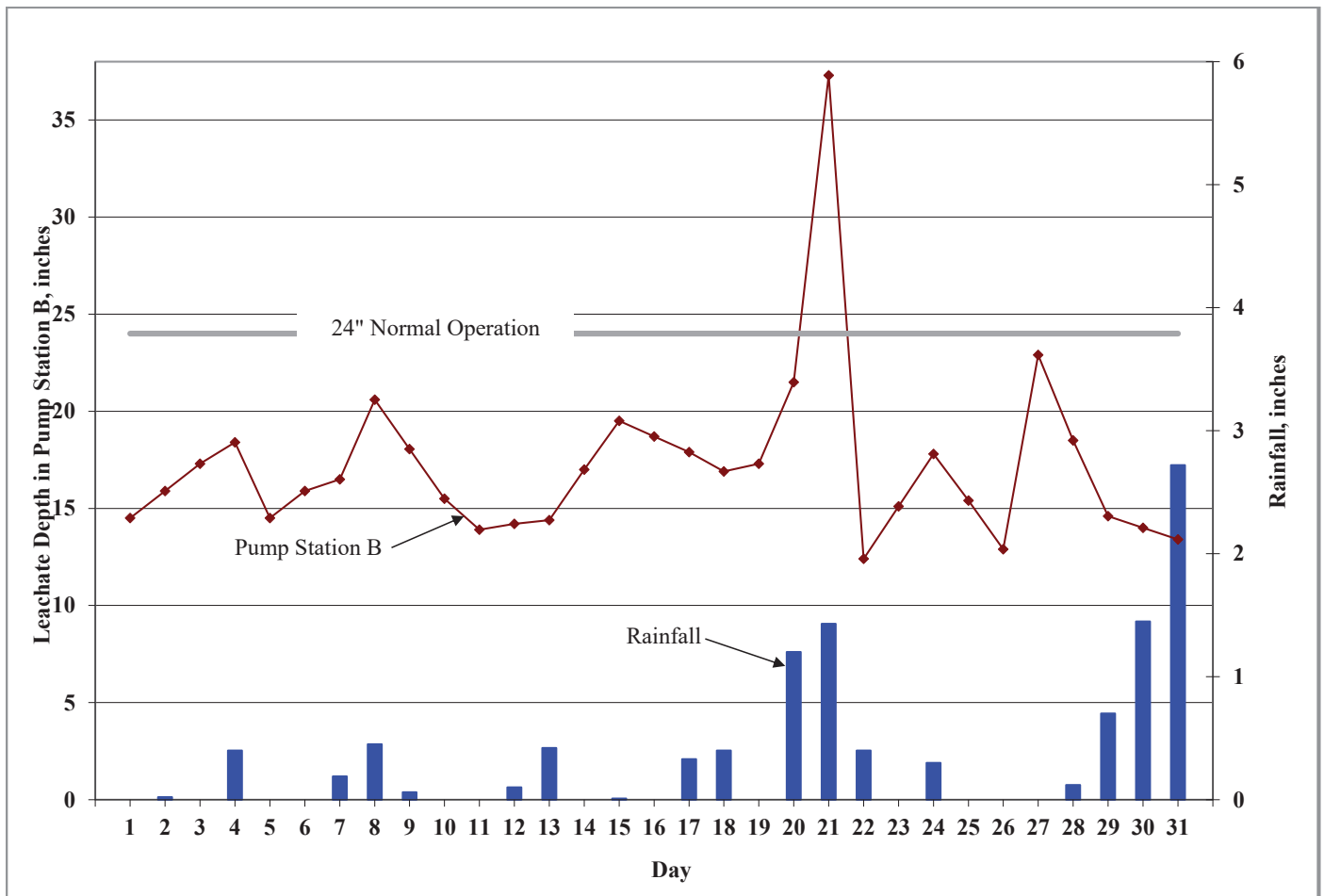


Figure 1. Leachate Levels in Pump Station B and Rainfall for August 2020.

**TABLE 3. LEACHATE BALANCE SUMMARY  
SOUTHEAST COUNTY LANDFILL  
HILLSBOROUGH COUNTY, FLORIDA  
YEAR-2020**

| 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.) | 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   | 0.58              | 909                                      | 141,635  | 217,468  | 3,079,565  | 2,360,372                                       | 0   | 853,457                                  | 0                                     | 0   | 544,716                          | 3,439,577                            | 3,213,829                               | 225,748  |
| February  | 1.66              | 1,881                                    | 89,491   | 152,518  | 2,483,841  | 1,621,644                                       | 0   | 883,611                                  | 507,900                               | 0   | 435,684                          | 2,727,731                            | 2,505,255                               | 222,476  |
| March     | 0.01              | 110                                      | 90,346   | 145,289  | 2,365,967  | 1,725,217                                       | 0   | 716,248                                  | 200,623                               | 0   | 342,461                          | 2,601,712                            | 2,441,465                               | 160,247  |
| April     | 4.09              | 425                                      | 78,504   | 135,658  | 2,084,835  | 873,490   | 3,686   | 1,402,034                                | 878,540                               | 0   | 340,495                          | 2,299,422                            | 2,279,210                               | 20,212   |
| May       | 2.68              | 550                                      | 77,800   | 125,479  | 2,037,642  | 529,404   | 9,982   | 1,199,946                                | 378,802                               | 0   | 913,270                          | 2,241,471                            | 1,739,332                               | 502,139  |
| June      | 5.93              | 603                                      | 76,843   | 129,957  | 1,908,443  | 565,723   | 31,878  | 1,575,161                                | 656,231                               | 0   | 863,573                          | 2,115,846                            | 2,172,762                               | -56,916  |
| July      | 4.29              | 445                                      | 71,374   | 116,733  | 1,756,704  | 917,944   | 1,532   | 946,614                                  | 317,789                               | 0   | 601,561                          | 1,945,256                            | 1,866,090                               | 79,166   |
| August    | 10.70             | 1,249                                    | 74,187   | 151,985  | 1,752,794  | 1,192,207                                       | 14,102  | 698,576                                  | 6,516                                 | 0   | 538,771                          | 1,980,215                            | 1,904,885                               | 75,330   |
| September |                   |  |  |  |  |   |   |  |                                       |   |                                  |                                      |   |  |
| October   |                   |  |  |  |  |   |   |  |                                       |   |                                  |                                      |   |  |
| November  |                   |  |  |  |  |   |   |  |                                       |   |                                  |                                      |   |  |
| December  |                   |  |  |  |  |   |   |  |                                       |   |                                  |                                      |   |  |
| YTD Total | 29.94             | 6,172                                    | 700,180  | 1,175,087  | 17,469,790   | 9,786,001                                       | 61,180  | 8,275,647                                | 2,946,401                             | 0   | 4,580,531                        | 19,351,229                           | 18,122,828                              | 1,228,401                                      |

- 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

**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 | MCL Standard  |
|---------------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|-----------|--------|--------|--------|---------------|
| conductivity (umhos/cm) (field) | 339          | 360    | 222    | 375    | 384    | 340    | 295    | 313    | 334       | 512    | 580    | 513    | 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   | NS            |
| ORP (mV)                        | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 69.7      | -3     | -69.2  | 30.3   | 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  | 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   | 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   | (6.5 - 8.5)** |
| <b>General Parameters</b>       |              |        |        |        |        |        |        |        |           |        |        |        | MCL Standard  |
| total dissolved solids (mg/l)   | 200          | 220    | 160    | 190    | 130    | 180    | 180    | 180    | 180       | 320    | 300    | 230    | 500**         |
| chloride (mg/l)                 | 22           | 24     | 20     | 22     | 16     | 14     | 4.9 i  | 15     | 15        | 92     | 78     | 52     | 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   | NS            |
| <b>Metals Detected (mg/l)</b>   |              |        |        |        |        |        |        |        |           |        |        |        | MCL Standard  |
| sodium                          | 9.7          | 8.9    | 11     | 11     | 8.1    | 8.2    | 5.7    | 8.7    | 9.5       | 21     | 21     | 20     | 160*          |
| <b>Field Parameters</b>         |              |        |        |        |        |        |        |        |           |        |        |        | MCL Standard  |
| conductivity (umhos/cm) (field) | 376          | 342.1  | 315.6  | 333    | 263    | 361.7  | 274.4  | 290.9  | 273.5     | 317    | 285.1  | 248    | NS            |
| dissolved oxygen (mg/l) (field) | 0.09         | 1.93   | 0.46   | 0.69   | 0.2    | 0.56   | 0.4    | 0.34   | 0.13      | 0.11   | 0.34   | 0.46   | NS            |
| ORP (mV)                        | -102.9 26.63 | -158.7 | -43.6  | -124.8 | 125.4  | -61.8  | -115.4 | -63    | -102 26.5 | -48.9  | 121    | -75.8  | NS            |
| temperature (°C) (field)        | 1.81         | 25.90  | 22.50  | 25.10  | 27.30  | 26.80  | 22.80  | 24.4   | 2.89      | 27.7   | 22.4   | 26.3   | NS            |
| turbidity (NTU) (field)         |              | 1.89   | 0.89   | 0.78   | 3.65   | 1.81   | 0.7    | 0.19   |           | 0.58   | 1.12   | 2.09   | NS            |
| pH (field)                      | 5.88         | 6.09   | 5.87   | 5.99   | 6.89   | 5.94   | 5.85   | 5.78   | 6.14      | 5.98   | 5.95   | 5.79   | (6.5 - 8.5)** |
| <b>General Parameters</b>       |              |        |        |        |        |        |        |        |           |        |        |        | MCL Standard  |
| total dissolved solids (mg/l)   | 250          | 160    | 210    | 230    | 164    | 240    | 210    | 200    | 160       | 150    | 270    | 190    | 500**         |
| <b>Metals Detected (mg/l)</b>   |              |        |        |        |        |        |        |        |           |        |        |        | MCL Standard  |
| sodium                          | 15           | 15     | 12     | 11     | 7.15 i | 9.9    | 7.3    | 6.6    | 6.1       | 5.9    | 6.9    | 4.4    | 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      | MCL Standard  |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|
| conductivity (umhos/cm) (field)   | 312         | 684         | 285         | 634         | 390         | 428         | 429         | 1780        | 3973        | 2166        | 3830        | 3630        | 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        | NS            |
| ORP (mV)  | ND          | ND          | ND          | ND          | ND          | ND          | ND          | ND          | -7.9        | -100        | -41.7       | -12.1       | 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       | 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        | NS            |
| pH (field)  | <b>6.00</b> | <b>6.25</b> | <b>6.36</b> | <b>6.37</b> | <b>6.21</b> | <b>6.09</b> | <b>6.41</b> | <b>5.98</b> | <b>6.18</b> | <b>6.21</b> | <b>6.44</b> | <b>6.32</b> | (6.5 - 8.5)** |
| <b>General Parameters</b>   |             |             |             |             |             |             |             |             |             |             |             |             | MCL Standard  |
| total dissolved solids (mg/l)   | 200         | 350         | 190         | 310         | 170         | 250         | 220         | 1600        | 2200        | 1400        | 2000        | 2000        | 500**         |
| chloride (mg/l)   | 24          | 41          | 25          | 34          | 9.1         | 31          | 29          | 620         | 910         | 600         | 990         | 790         | 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          | NS            |
| <b>Metals Detected (mg/l)</b>   |             |             |             |             |             |             |             |             |             |             |             |             | MCL Standard  |
| sodium  | 12          | 27          | 19          | 27          | 5.7         | 8.7         | 8.7         | 120         | 360         | 49          | 330         | 380         | 160*          |
| <b>Field Parameters</b>   |             |             |             |             |             |             |             |             |             |             |             |             | MCL Standard  |
| conductivity (umhos/cm) (field)   | 215         | 497.4       | 207.7       | 1329        | 180         | 706         | 209.6       | 697         | 173         | 232.4       | 482.6       | 691         | NS            |
| dissolved oxygen (mg/l) (field)   | 0.31        | 2.06        | 5.97        | 0.39        | 0.08        | 0.14        | 2.11        | 0.56        | 0.15        | 1.34        | 0.22        | 1.46        | NS            |
| ORP (mV)  | 43.2        | -9.5        | 103.7       | -46.1       | 2.4         | -50.1       | 151.8       | -40.1       | 92.5        | 25.8        | -12.9       | -37.5       | NS            |
| temperature (°C) (field)  | 26.79       | 25.40       | 22.20       | 24.80       | 27.94       | 26.70       | 21.70       | 24.4        | 27.9        | 27.1        | 24.1        | 26.5        | NS            |
| turbidity (NTU) (field)   | 16.5        | 5.05        | 7.76        | 2.71        | 10.4        | 8.41        | 3.79        | 0.89        | 5.21        | 2.25        | 5.68        | 3.18        | NS            |
| pH (field)  | <b>6.29</b> | <b>6.43</b> | 6.54        | <b>6.39</b> | <b>6.44</b> | <b>6.09</b> | <b>5.98</b> | <b>6.10</b> | <b>6.27</b> | <b>6.19</b> | <b>6.22</b> | <b>6.24</b> | (6.5 - 8.5)** |
| <b>General Parameters</b>   |             |             |             |             |             |             |             |             |             |             |             |             | MCL Standard  |
| total dissolved solids (mg/l)   | 150         | 280         | 140         | <b>880</b>  | 128         | 400         | 120         | 490         | 110         | 120         | 270         | 360         | 500**         |
| chloride (mg/l)   | 13          | 79          | 12          | 240         | 76          | 92          | 9.4         | 96          | 5.1         | 8.6         | 13          | 94          | 250**         |
| ammonia nitrogen (mg/l as N)  | 0.02 u      | 1.5         | 0.025 u     | 4.2         | 0.28        | 1.5         | 0.08 i      | 2.4         | 0.08        | 0.07 i      | 2           | 1.4         | NS            |
| <b>Metals Detected (mg/l)</b>   |             |             |             |             |             |             |             |             |             |             |             |             | MCL Standard  |
| sodium  | 8.4         | 38          | 6.3         | 110         | 1.94 i      | 35          | 4.4         | 40          | 1.8         | 1.8         | 124.0       | 36.0        | 160*          |
| <small>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>6.41 = Exceeds Standard</b><br/>                     mV = millivolts<br/>                     NTU = Nephelometric Turbidity Units<br/>                     i = reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.<br/>                     mg/l = milligrams per liter<br/>                     NGVD = National Geodetic Vertical Datum</small> |             |             |             |             |             |             |             |             |             |             |             |             |               |

**Southeast County Landfill**  
**Historical Supplemental Assessment Groundwater Data TH-79**

| General Parameters              | Nov-16 | Feb-17 | May-17 | Aug-17 | Nov-17 | Feb-18 | May-18 | Jul-18 | Nov-18 | Feb-19 | May-19 | Aug-19 | Nov-19 | Feb-20 | May-20 | MCL Standard        |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------|
| conductivity (umhos/cm) (field) | 2740   | 4980   | 5212   | 2221   | 1183   | 956    | 1102   | 397    | 488.9  | 284.8  | 468.3  | 297.1  | 322.7  | 343.9  | 417.3  | NS                  |
| dissolved oxygen (mg/l) (field) | 0.25   | 1.73   | 1.23   | 1.67   | 4.39   | 3.33   | 1.63   | 0.15   | 1.60   | 0.95   | 1.24   | 0.85   | 1.0    | 0.21   | 1.43   | NS                  |
| ORP (mV)                        | 1.4    | -20.3  | -40.6  | -30.8  | -27.7  | -15.0  | -95.4  | 54.0   | 27.1   | 22.4   | -35.7  | 13.9   | -6.8   | 27.4   | -0.5   | NS                  |
| temperature (°C) (field)        | 24.03  | 21.77  | 25.49  | 28.04  | 24.90  | 20.70  | 24.60  | 29.40  | 26.20  | 21.5   | 24.4   | 27.4   | 28.0   | 23.8   | 26.8   | NS                  |
| turbidity (NTU) (field)         | 27.6   | 60.2   | 12     | 2.66   | 2.81   | 7.97   | 3.28   | 3.2    | 15.6   | 16.7   | 16.6   | 16.6   | 7.27   | 18     | 11.84  | NS                  |
| pH (field)                      | 6.09   | 6.40   | 6.29   | 6.19   | 6.28   | 6.11   | 5.85   | 6.04   | 5.56   | 5.65   | 5.50   | 5.88   | 5.93   | 5.75   | 5.62   | (6.5 - 8.5)**       |
| <b>Field Parameters</b>         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | <b>MCL Standard</b> |
| total dissolved solids (mg/l)   | 1500   | 2700   | 2600   | 1200   | 990    | 560    | 610    | 238    | 250    | 160    | 310    | 170    | 140    | 210    | 170    | 500**               |
| chloride (mg/l)                 | 900    | 1200   | 1000   | 430    | 180.4  | 150    | 180    | 15.4   | 24     | 13     | 30     | 8.8    | 15     | 16     | 29     | 250**               |
| ammonia nitrogen (mg/l as N)    | 30     | 35     | 32     | 8.8    | 4.5    | 3.8    | 5      | 1.3    | 1.7    | 1.2    | 2.1    | 0.84   | 1.5    | 1.5    | 1.9    | NS                  |
| <b>Metals Detected (mg/l)</b>   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | <b>MCL Standard</b> |
| sodium                          | 140    | 650    | 730    | 280    | 120    | 100    | 94     | 14.4   | 16     | 9.8    | 18     | 8.7    | 8.1    | 12.0   | 14.0   | 160*                |

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**

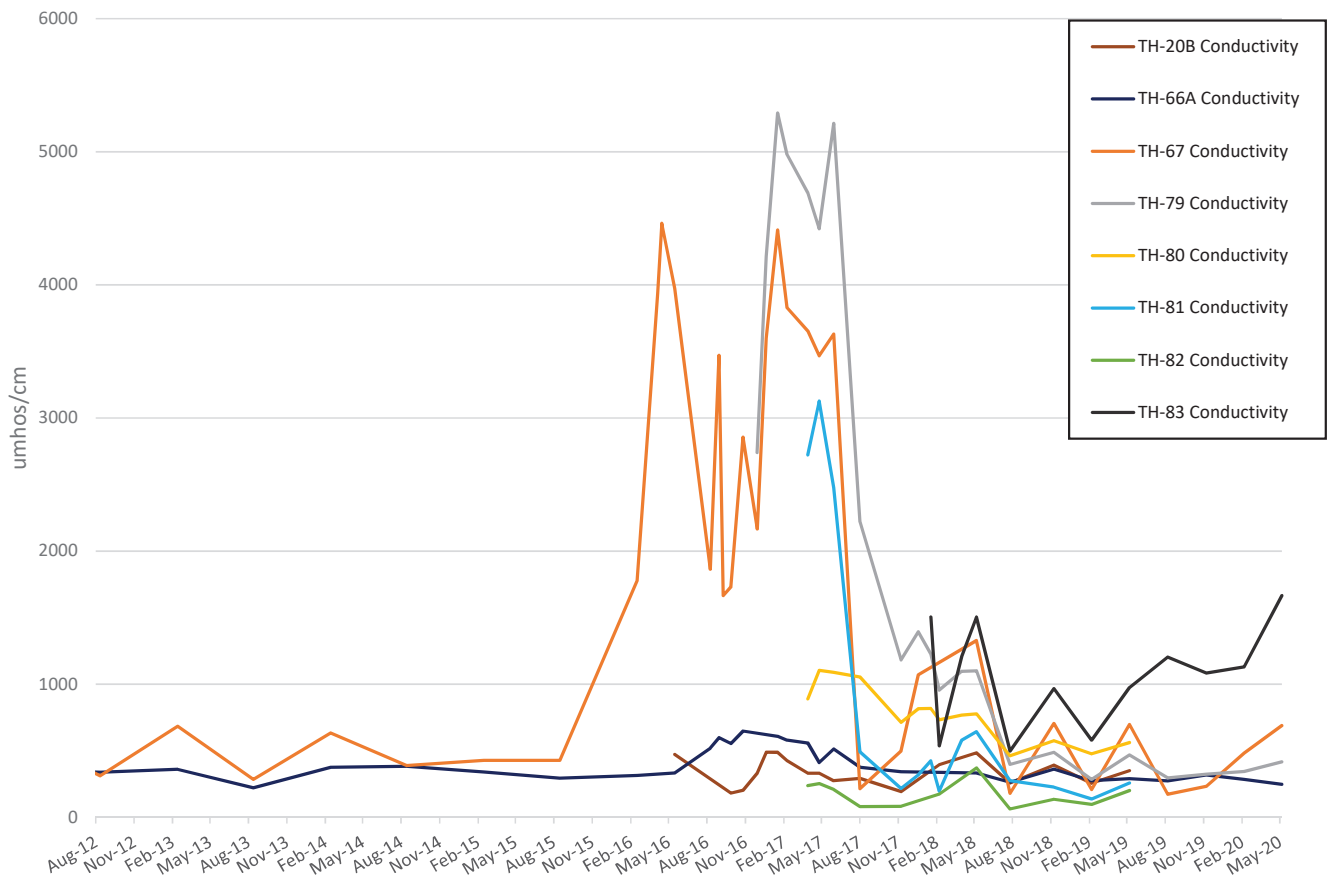
mV = millivolts  
NTU = Nephelometric Turbidity Units mg/l = milligrams per liter  
NGVD = National Geodetic Vertical Datum

**Southeast County Landfill  
Historical Supplemental Assessment Groundwater Data TH-83**

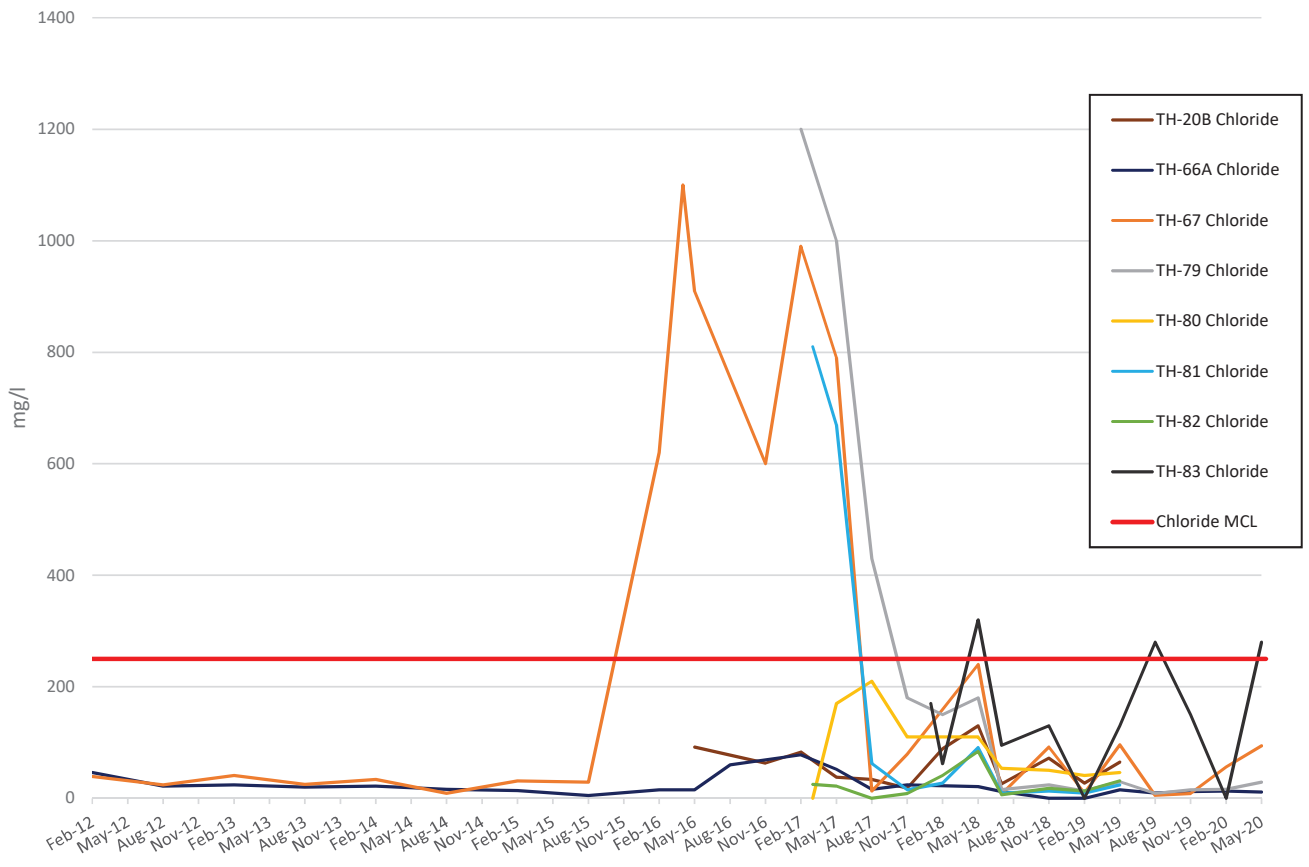
| Field Parameters  | Jan-18 | Feb-18 | May-18 | Jul-18 | Nov-18 | Feb-19 | May-19 | Aug-19 | Nov-19 | Feb-20 | May-20 | MCL Standard        |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------|
| conductivity (umhos/cm) (field)   | 1504   | 537    | 1505   | 498    | 968    | 580    | 976    | 1204   | 1084   | 1131   | 1666   | NS                  |
| dissolved oxygen (mg/l) (field)   | 1.12   | 1.02   | 0.70   | 2.14   | 0.63   | 0.41   | 0.27   | 0.71   | 2.99   | 0.22   | 0.41   | NS                  |
| ORP (mV)  | 6.7    | 10.6   | -16.1  | 140.7  | 61.3   | 121.6  | 49.1   | 126.5  | 38     | -10    | -32.9  | NS                  |
| temperature (°C) (field)  | 22.7   | 23.10  | 23.90  | 26.48  | 27.20  | 22.60  | 24.3   | 28.5   | 27.8   | 23.7   | 26.1   | NS                  |
| turbidity (NTU) (field)   | 5.05   | 4.78   | 1.63   | 3.56   | 1.1    | 1.21   | 0.23   | 3.13   | 1.62   | 0.49   | 1.75   | NS                  |
| pH (field)  | 6.9    | 6.55   | 6.46   | 6.44   | 6.28   | 6.14   | 6.36   | 6.39   | 6.60   | 6.46   | 6.49   | (6.5 - 8.5)**       |
| <b>General Parameters</b>   |        |        |        |        |        |        |        |        |        |        |        | <b>MCL Standard</b> |
| total dissolved solids (mg/l)   | 430    | 290    | 890    | 352    | 470    | 410    | 570    | 650    | 520    | 570    | 800    | 500**               |
| chloride (mg/l)   | 170    | 62     | 320    | 94.9   | 130    | 97 j4  | 130    | 280    | 150    | 200 j4 | 280    | 250**               |
| ammonia nitrogen (mg/l as N)  | 6.5    | 4.7    | 15     | 1.1    | 13     | 9.3    | 18     | 17     | 21     | 19     | 23     | NS                  |
| <b>Metals Detected (mg/l)</b>   |        |        |        |        |        |        |        |        |        |        |        | <b>MCL Standard</b> |
| sodium  | 98     | 58     | 140    | 87.7   | 110    | 63     | 92     | 120    | 120    | 130    | 180    | 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>6.46 = Exceeds Standard</b><br>mV = millivolts<br>NTU = Nephelometric Turbidity Units j4 = estimated results<br>mg/l = milligrams per liter<br>NGVD = National Geodetic Vertical Datum |        |        |        |        |        |        |        |        |        |        |        |                     |



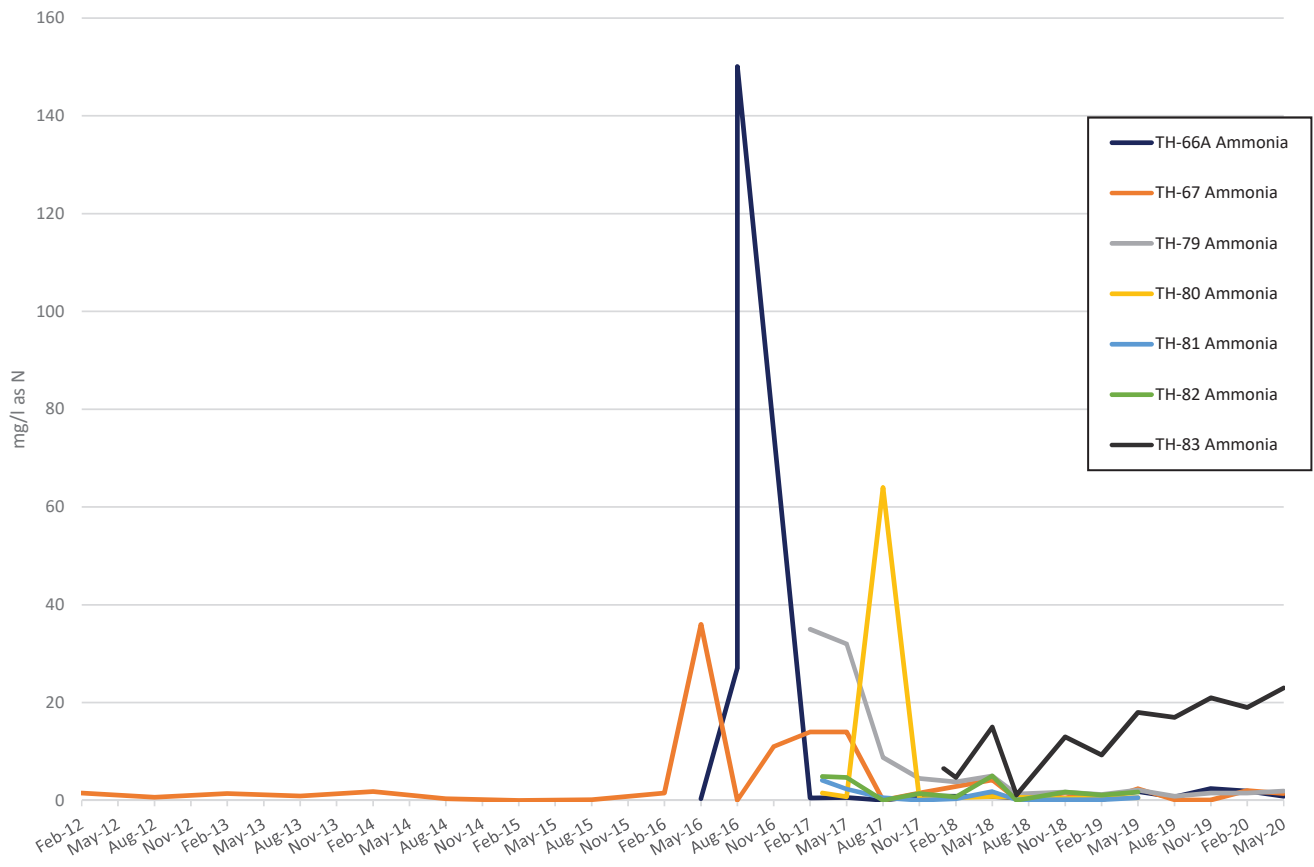
### Southeast County Landfill - Groundwater Conductivity



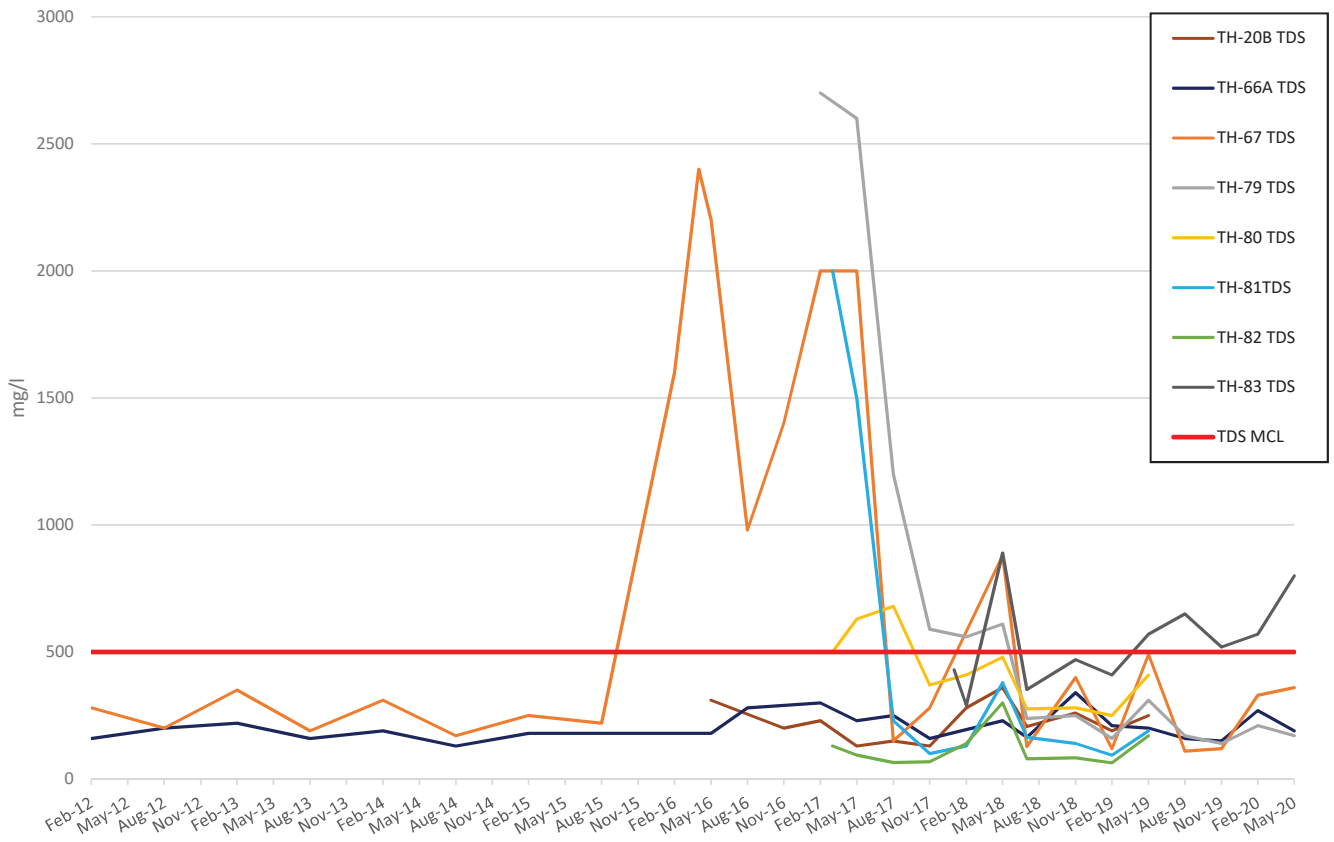
### Southeast County Landfill - Groundwater Chloride



### Southeast County Landfill - Ammonia



### Southeast County Landfill - Groundwater TDS



Southeast County Landfill - Groundwater Sodium

