HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER AND
SURFACE WATER MONITORING
TECHNICAL REPORT 2013 - 2015

FDEP Permit No.: 38414-016-SO/01
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7/14/16

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1.0 INTRODUCTION

Appendix 3 Condition 11 of the Hardee County Class I Landfill Permit 38414-016-SO/01 requires that a groundwater and surface water monitoring plan evaluation report be submitted every two and one-half years in accordance with Chapter 62-701.510(8)(b) FAC requirements. This report summarizes data from the First Semiannual 2013 through the Second Semiannual 2015 sampling events at the Hardee County Class I Landfill (landfill) and conforms with the requirements outlined in the permit and Chapter 62-701.510(8)(b) FAC. The following is a summary of the rule and the location of the associated information within this report:

- Tabular displays of any data which show that a monitoring parameter has been detected (Attachment 4 and Attachment 5), and graphical displays of any leachate key indicator parameters detected (Attachment 6), including hydrographs for all monitoring wells (Attachment 3).
- Trend analyses of any monitoring parameters consistently detected (Section 4.0 and Attachment 8).
- Comparison among shallow, middle, and deep zone wells (Section 4.0 and Attachment 6).
- Comparisons between background water quality and the water quality in detection wells (Section 4.0 and Attachments 5 and 7).
- Correlations between related parameters (Section 4.0).
- Discussion of erratic or poorly correlated data (Section 4.0).
- An interpretation of the groundwater contour maps, including an evaluation of groundwater flow rates (Section 3.0).
- An evaluation of the adequacy of the water quality monitoring frequency and sampling locations based on site conditions (Section 3.0 and 6.0).

The six semiannual sampling events summarized in this report were conducted on the dates listed in Table 1.1. The period from the First Semiannual 2013 through the Second Semiannual 2015 sampling events is referred to as the "report period" throughout this document.

Sampling and reporting for the First Semiannual 2013 event was performed according to the requirements of Permit 38414-011-SO/01. Permit 38414-016-SO/01 was issued November 8, 2013 and subsequent sampling events were performed according to the new permit.

Table 1.1 Summary of Sampling Events During the Report Period

Sampling Event	Sampling Dates
First Semiannual 2013 (13S1)	June 20 and 21, 2013
Second Semiannual 2013 (13S2)	December 26 and 27, 2013
First Semiannual 2014 (14S1)	June 11 and 12, 2014
Second Semiannual 2014 (14S2)	December 22 and 23, 2014
First Semiannual 2015 (15S1)	May 20 and 21, 2015
Second Semiannual 2015 (15S2)	December 17 and 18, 2015

The following wells monitor the surficial aquifer:

Background Wells: MW-1 and MW-4

Detection Wells:

MW-2	MW-10R
MW-11	MW-12R
MW-13*	MW-14*

Piezometer / Water Levels Only:

MW-6	MW-7	P-7
P-8	P-11	P-13
P-14	P-17	P-18
P-19	P-20	P-21
P-22	P-23	

* Installed June 9 and 10, 2014

Groundwater sampling is conducted semiannually during the periods from January 1 to June 30 and from July 1 to December 31 of each year as required by Appendix 3 Condition 4.a of the permit. In addition to groundwater monitoring, one surface water (designated SW-2) is also sampled semiannually in conjunction with the groundwater monitoring as required by Appendix 3 Condition 8.c of the permit. Leachate sampling is not required under the current permit.

A map of the landfill is provided in Attachment 1.

2.0 PHYSICAL LOCATION AND GEOLOGICAL SETTING

2.1 SITE LOCATION

The Hardee County Solid Waste Disposal Facility is located at 685 Airport Road, Wauchula, Hardee County, Florida (approximately 4 miles northeast of the City of Wauchula, Florida) at latitude 27°34'17" and longitude 82°46'58". The facility encompasses approximately 100 acres of land and includes a Class I Landfill, Leachate Storage Tank System, Household Hazardous Waste Collection Center, Yard Trash Processing Facility, Scrap metal and White Goods Storage Area, and related support areas.

In November 2013, the County received operation and construction permits for Phase II Sections I & II Operation and Phase II Section II Construction. The County began construction of the waste cell for Phase II Section II in early 2014. Two existing monitoring wells (MW-5 and MW-8) were abandoned during construction and two new monitoring wells (MW-13 and MW-14) were installed.

2.2 GEOLOGICAL SETTING

The Geology of Hardee County, as described in Duerr and Enos, 1991, includes three units which are summarized below. The three units from youngest to oldest are; one, the surficial sands and clays; two, the carbonates and clays of the Hawthorn Formation; and three, the limestones of the Florida Aquifer.

The uppermost and surface deposits in Hardee County consist of the surficial sands, terrace sands of Holocene and Pleistocene age. These deposits generally extend to a depth of approximately 25 feet and are underline by clay/clayey sand, with intermittent marl and shell.

The next unit is the Miocene age carbonates and clays of the Hawthorn Formation and the underlying Tampa Limestone. The Hawthorn formation in the area also has dolomite and soft sandy limestone with phosphorite deposits. The Tampa Limestone is found beneath the Hawthorn Formation and is comprised of sandy limestone and represents the top of the Floridan Aquifer.

Under the Tampa Limestone are the Oligocene to Eocene aged limestones comprising the majority of the Floridan Aquifer. The Limestone units include the Suwannee Limestone, The Ocala Group, and the dolomites of the Avon Park Formation.

The Hydrostatigraphy of Hardee County as shown in Duerr and Enos, 1991, includes three aquifer units. The surficial aquifer is in the surficial sand units and is the aquifer that is most susceptible to any contamination migration. The intermediate aquifer is separated from the surficial aquifer by clay/sandy clay unit that defines the bottom of the Hardee County Surface deposits. The intermediate aquifer is also found in the limestone units of the Hawthorn Formation. The Floridan Aquifer is the primary source of water production in the region is found in the thick limestone units below the Hawthorn.

The site specific hydrostratigraphy includes the upmost surficial aquifer, which is 10 to 15 feet thick underline by a clay confining unit that varies in thickness from 14 feet to 35 feet across the site. At the site the Floridan aquifer has been identified as the lower aquifer beneath the clay confining unit. The monitoring wells at the site are all screened in the surficial aquifer.

3.0 APPROPRIATENESS OF MONITORING WELL LOCATIONS

3.1 WELL LOCATIONS

The monitoring wells at the landfill are installed into the surficial aquifer. Groundwater contour maps for the landfill are provided in Attachment 2. The direction of groundwater flow is generally South-Southwest based on groundwater contour maps for the report period. The current monitoring well network appears adequate to detect potential groundwater contamination emanating from the waste-filled areas.

3.2 SCREENED INTERVAL

The monitoring well screens are placed appropriately to monitor the water table of the surficial aquifer. Well construction information is included in Attachment 3.

Table 3.1 presents recorded fluctuations of the groundwater surface of the surficial aquifer. Historical and report period hydrographs are provided in Attachment 3. The potentiometric surface of the surficial aquifer varied from approximately 74.06 to 83.62 ft, NGVD during the report period. The highest groundwater elevations were generally recorded during the First Semiannual 2013 and Second Semiannual 2015 sampling events and the lowest elevations were generally recorded during the First Semiannual 2014 and First Semiannual 2015 sampling events.

Table 3.1 Groundwater Monitoring Well Information and Groundwater Elevation Fluctuation during the Report Period

Monitoring Well	Well Screen Elevation (ft, NGVD)		Groundwater Elevation (ft, NGVD)	
	Top	Bottom	Maximum	Minimum
Background Wells				
MW-1	80.46	75.46	83.62	80.97
MW-4	75.32	65.32	81.68	79.18
Detection Wells				
MW-2	79.06	74.06	79.97	78.07
MW-10R	80.49	65.49	81.48	78.70
MW-11	79.17	69.17	81.49	78.33
MW-12R	80.71	65.71	81.97	78.55
MW-13	83.9*	68.9*	81.92	78.57
MW-14	84.0*	69.0*	81.74	78.24
Piezometers				
MW-6	81.56	71.56	81.15	78.44
MW-7	81.48	71.48	80.85	78.26
P-7	**	**	81.59	77.92
P-8	**	**	80.76	74.72
P-11	**	**	81.31	79.35
P-13	**	**	81.47	74.06
P-14	**	**	81.94	78.20
P-17	83.88	73.88	83.22	80.85
P-18	82.42	72.42	83.27	79.56
P-19	82.17	72.17	82.28	79.63
P-20	82.68	72.68	82.15	79.62
P-21	81.57	71.57	80.40	78.02
P-22	82.09	72.09	82.07	78.19
P-23	81.71	71.71	80.30	77.67

* = Approximate elevations based upon April 3, 2012 Aerial Topography Survey of the site by Pickett & Associates, Inc.
** = Unknown

3.3 MONITORING FREQUENCY

Horizontal average linear groundwater velocity is estimated though a modified form of Darcy's equation:

$$v_x = -(K/n)i$$

Where:

v_x = average linear velocity (ft/day)
K = hydraulic conductivity (ft/day)
i = gradient (ratio)
n = porosity (%)

The information derived from the modified Darcy's equation can provide an estimate of normal groundwater flow rates.

3.3.1 Hydraulic Variables

Hydraulic Conductivity

On June 6, 2003, Stearns, Conrad, and Schmidt (SCS) Engineering performed slug tests on monitoring wells MW-8 and MW-4. The results of the test were provided in Attachment I-3 of the April 2004 Construction Permit Application for the landfill expansion. Slug test data for the two onsite wells indicate a hydraulic conductivity of 4.9 ft/day at MW-4, located in the northern portion of the site and 9.0 ft/day at MW-8, south of the landfill, in the proposed expansion area. An average of 6.95 ft/day was used in estimating groundwater velocity across the site.

Gradient

The groundwater elevations during the report period provided in Attachment 3 were used to calculate hydraulic gradients between wells MW-1 and MW-10R and between MW-1 and MW-12R. Hydraulic gradients for the report period ranged from -0.000204 to 0.002830 and averaged 0.00151.

Porosity

A hydrogeological investigation, dated March 17, 1993 was performed by Mevers and Associates. Based on field permeability testing, Mevers found the surficial aquifer to have an average horizontal permeability of about 5 feet per day and the porosity of the upper sands was estimated to be 0.20.

3.3.2 Groundwater Velocity

Horizontal groundwater flow velocity was calculated using the information shown in Attachment 3. The calculated horizontal groundwater flow velocities ranged from -2.59 ft/yr to 35.89 ft/yr and averaged 19.11 ft/yr.

Semiannual groundwater sampling is adequate based on the groundwater conditions at the landfill.

4.0 GROUNDWATER QUALITY

4.1 SAMPLING REQUIREMENTS

Groundwater quality data have been submitted with the semiannual groundwater monitoring reports for each sampling event of the report period in compliance with Chapter 62-701.510(8)(a), FAC. The parameters listed in Table 4.1 are currently analyzed semiannually as required by the permit (Appendix 3 Condition 4.c).

Table 4.1 Groundwater Sampling Parameter List

Field Parameters	Laboratory Parameters
Static Water Level (before purging)	Total Ammonia-Nitrogen
Specific Conductivity	Chlorides
pH	Nitrate-Nitrogen
Dissolved Oxygen	Total Dissolved Solids (TDS)
Turbidity	Iron
Temperature	Mercury
Colors and Sheens (by observation)	Sodium
	40 CFR Part 258 Appendix I parameters

In addition to the regular semiannual sampling required by permit, detection wells MW-13 and MW-14 were sampled once for the parameters listed in Appendix 3 Condition 4.b ("Initial Sampling Event" parameter list) including the 40 CFR Part 258 Appendix II parameters following their installation in June 2014.

4.2 TABULAR AND GRAPHICAL DISPLAYS

Attachment 4 provides a tabular display of parameters that have exceeded groundwater standards. Attachment 5 provides a data summary for all parameters reported above the laboratory detection limit for the report period. Attachment 6 provides chemistry bar graphs of field and laboratory parameters for the report period. Attachment 7 is a summary of all groundwater analytical data for the report period and Attachment 8 provides historical trend graphs for consistently detected monitoring parameters. Attachment 9 provides a series of parameter comparison graphs for related parameters. A summary of all surface water results is provided in Attachment 10.

Groundwater standards include the Primary Drinking Water Standards (PDWS), Secondary Drinking Water Standards (SDWS), and Chapter 62-777 FAC Groundwater Cleanup Target Levels (GCTL). The parameters listed in Table 4.2 were reported at or outside groundwater standards in the groundwater monitoring wells during the report period.

Table 4.2 Parameters Exceeding Groundwater Standards

Field and Indicator Parameters:	pH
	Total Dissolved Solids
Metals:	Arsenic
	Iron
Organics	Bis(2-ethylhexyl)phthalate

The parameters reported at or outside groundwater standards are discussed in Sections 4.3 through Section 4.5 and reference the graphs provided in Attachments 6 and 8.

4.3 FIELD AND INDICATOR PARAMETERS

Background pH levels in MW-1 and MW-4 were below the SDWS range of 6.5 – 8.5 S.U. for most sampling events during the report period. Values ranged from 4.23 to 5.34 S.U. in MW-1 and were slightly higher in MW-4, ranging from 5.82 to 6.61 S.U. Levels of pH were slightly higher in detection wells MW-2 (6.52 – 7.35 S.U.) and MW-12R (6.20 – 7.34 S.U.). Levels of pH in all other wells were similar to background levels.

Total Dissolved Solids (TDS) exceeded the SDWS of 500 mg/L once during the report period in detection well MW-14 during the Second Semiannual 2015 sampling event at a concentration of 586 mg/L. TDS concentrations in the background wells ranged from 196 to 246 mg/L in MW-1 and from 284 to 398 mg/L in MW-4. TDS concentrations were lowest in MW-11, ranging from 4 to 92 mg/L. TDS in all other wells was similar to that reported in the background wells.

4.4 METALS

Arsenic above the PDWS of 10 µg/L was consistently reported in background well MW-4, ranging from 11.9 to 15.6 µg/L. Arsenic was also detected consistently in background well MW-1 although concentrations were below the PDWS, ranging from 2.94 to 5.25 µg/L. Arsenic below the PDWS was also reported one or more times during the report period in detection wells MW-2, MW-10R, and MW-12R. Arsenic in all other wells was reported as below the laboratory detection limit.

Iron was reported above the SDWS of 300 µg/L one or more times in all wells at the landfill. Iron concentrations in background well MW-1 ranged from 528 to 14,200 µg/L and in background well MW-4 from 49.4 to 15,600 µg/L during the report period. Iron concentrations in the detection wells were similar to or lower than those reported in the background wells.

4.5 ORGANICS

Bis(2-ethylhexyl)phthalate was reported above the PDWS of 6 µg/L in MW-14 during the initial sampling event following installation (June 2014). Bis(2-ethylhexyl)phthalate is a semi-volatile organic compound (SVOC) commonly used as plasticizers in PVC production and the detection was most likely an artifact from the installation of the well.

A single detection of Acetone was reported in background well MW-1 during the First Semiannual 2013 sampling event and a single detection of Toluene was reported in background well MW-4. Both compounds are common laboratory and/or field sampling cross-contaminants. No volatile organic compounds (VOCs) were reported above laboratory detection limits for any sampling event during the report period.

4.6 GROUNDWATER QUALITY TRENDS

Attachment 8 provides long-term concentration trend graphs for parameters that were consistently detected in the groundwater monitoring wells. A discussion of long-term trends is provided below. This discussion is not intended to include all wells sampled or parameters analyzed, only to provide general information on noteworthy trends. Wells and parameters not included in this discussion generally had concentrations that were relatively stable or exhibited no significant trend.

It is not possible or practical to describe every fluctuation of these long-term trend graphs in written format, neither is the following discussion intended to do so. The written discussions of these data can be subjective, based on the author's or reviewer's interpretation, and for this reason the trends are best observed in graphical format as provided in Attachment 8.

- Turbidity, although low, abruptly increased in MW-2, MW-10R, and MW-11 in 2014 and to a lesser extent in MW-12R (following a decreasing trend). Turbidity has been increasing in MW-14 since its installation in 2014. A more gradual increase in Turbidity was noted in MW-4 since late 2013.

- Historical pH values in most wells have been relatively stable within ± 1 S.U. A very gradual increase has been noted in MW-10R and MW-12R while pH in MW-14 has increased over 2 S.U. during the past 4 events. A brief dip in pH was noted in MW-11 during 2012.

- Ammonia-Nitrogen concentrations are low-level in all wells and generally stable in most wells. A larger than normal increase was noted in MW-14 during the Second Semiannual 2015 event and recent concentrations in MW-10R appear to be gradually increasing.

- Nitrate-Nitrogen concentrations are low-level in all wells and generally stable.

- Specific Conductivity has gradually decreased over time in MW-1. Conductivity is increasing in MW-12R and MW-14. Conductivity has remained relatively stable in MW-2, MW-4 and MW-10R (after a brief increase in both), and in MW-11 and MW-13.

- Total Dissolved Solids (TDS) concentrations are relatively stable or decreasing in MW-1, MW-2, and MW-4. TDS in all other wells appears to be increasing.

- Chloride concentrations in most wells are relatively low-level and are relatively stable or decreasing with some minor fluctuations. Chloride in MW-10R appears to be slightly increasing with time. The Chloride concentrations observed at the landfill are generally within accepted background concentration ranges for Florida's Aquifers.

- Sodium concentrations in all wells are relatively low-level. Sodium concentrations have been generally decreasing in MW-1 and MW-2. The abrupt decrease/increase noted during the Second Semiannual 2015 sampling event in MW-1, MW-10R, MW-11, MW-12R, may be due to laboratory error as discussed below in Section 4.9. Prior to the Second Semiannual 2015 event, Sodium concentrations in MW-10R were increasing.

- Arsenic has been increasing gradually in background well MW-4 and decreasing in background well MW-1. Low-level concentrations that had been relatively stable in MW-10R abruptly dropped to below the laboratory detection limit during the Second Semiannual 2015 sampling event.

- Barium concentrations have been decreasing in most wells with the exceptions of MW-10R and MW-11. Barium in MW-10R increased from 2010 to 2014 then decreased slightly in 2015. Barium in MW-11 decreased between 2012 and 2013 then return to previous levels in 2014-2015.

- Chromium has been low-level and decreasing in most wells. Chromium briefly increased in MW-4 between 2012 and 2014 before decreasing in 2015.

- Iron has remained generally stable or slightly increasing in all wells until the Second Semiannual 2015 event. The abrupt decrease/increase noted during the Second Semiannual 2015 sampling event in MW-1, MW-4, MW-10R, MW-11, MW-12R, may be due to laboratory error as discussed below in Section 4.9.

- Nickel concentrations are low-level across the site and have remained relatively stable or decreasing in all wells except MW-10R. Nickel in MW-10R has been increasing slightly with time.

- Vanadium has been decreasing in background well MW-1 but increasing in background well MW-4 and detection well MW-12R. Vanadium concentrations in all other wells are very low-level and relatively stable.

- Zinc is increasing in detection well MW-11. A spike in Zinc was noted in all wells during the First Semiannual 2014 sampling event. Concentrations in all wells ranged from 36.4 to 70.2 µg/L during that event. Zinc was reported in all wells during the Second Semiannual 2014 event ranging from 10.7 to 30.9 µg/L.

4.7 COMPARISON OF SHALLOW, MIDDLE, AND DEEP WELLS

All wells at the landfill are screened into the surficial aquifer. There are no middle or deep wells sampled at the landfill to conduct this comparison.

4.8 RELATED PARAMETERS

Comparison graphs of related parameters are provided in Attachment 9. In addition to the relationships and correlations discussed above, the following are observed:

- A negative correlation between pH and Groundwater Elevation is evident in most of the wells indicating that precipitation in the region results in mildly acidic rainwater infiltration with little or no buffering from the surficial sands.

- There is no apparent relationship between pH and metals concentrations observed in the monitoring wells although there is a positive correlation between concentrations of metals such as Iron, Barium, and Nickel.

- TDS, Conductivity, Sodium, and Chloride concentrations seem to correlate well in most of the monitoring wells showing similar trending among the four parameters.

4.9 ERRATIC AND POORLY CORRELATED DATA

Some metals data reported in the ADaPT files for the Second Semiannual 2014 sampling event do not match that reported in the hard-copy laboratory report. This also occurred during the First Semiannual 2015 sampling event but was corrected following FDEP correspondence dated August 11, 2015.

Iron and Sodium concentrations (analyzed by EPA 6010) reported during the Second Semiannual 2015 sampling event do not appear to be consistent with historical data and the changes in concentrations are not supported by changes in Conductivity or TDS. Iron and Sodium were the only metals analyzed by EPA 6010. All other data appears to be consistent with historical values. It appears that the metals analyzed by EPA 6010 may have been switched between wells for Second Semiannual 2015 sampling event. This is demonstrated by:

- Iron in MW-4 and MW-12: MW-4 reported an Iron concentration of 49.4 µg/L (with a previous historical low of 10,500 µg/L) and MW-12 reporting an Iron concentration of 12,600 µg/L (with a previous historical high of 72.4 µg/L). It appears that the Iron concentrations for these two wells were switched.

- Iron and Sodium in MW-10R and MW-11: Iron in MW-10R was reported at a concentration of 515 µg/L (with a previous historical low of 15,300 µg/L) and in MW-11 at 21,200 µg/L (with a previous historical high of 591 µg/L). Similarly, Sodium in MW-10R was reported at a concentration of 3.49 mg/L (with a previous historical low of 12.3 mg/L) and in MW-11 at 14.7 mg/L (with a previous historical high of 5.83 mg/L).

A single detection of Acetone was reported in background well MW-1 during the First Semiannual 2013 sampling event and a single detection of Toluene was reported in background well MW-4. Both compounds a common laboratory and/or field sampling cross-contaminants.

The single exceedance of Bis(2-ethylhexyl)phthalate was from the initial sampling of a newly installed monitoring well. Bis(2-ethylhexyl)phthalate is a commonly used plasticizers in PVC and the detection was most likely an artifact from the installation of the well.

For surface water SW-2, Cadmium was reported as below the laboratory detection limit for all sampling events. However, the detection limits reported by the laboratory for Cadmium were greater than the calculated surface water standard based on Hardness.

There were no other specific erratic or poorly correlated data that indicated sampling or laboratory data problems.

5.0 SURFACE WATER RESULTS

Appendix 3 Condition 8.c of the permit requires semiannual sampling of surface water location SW-2 for the parameters listed in Rule 62-701.510(7)(b) FAC. SW-2 was sampled during the First Semiannual 2013 sampling event and both semiannual events in 2014 and 2015. Insufficient water was available for sampling during the Second Semiannual 2013 sampling event. A summary of all analytical data compared to groundwater standards and Class III (fresh) surface water standards is provided in Attachment 10.

Parameters outside Groundwater Standards include pH, Fecal Coliform, and Iron. Parameters outside Class III (fresh) Surface Water Standards include Conductivity, Dissolved Oxygen, Mercury, and Silver. It should also be noted that the laboratory reporting limit for Lead was greater than the calculated surface water standard based on Hardness for the First Semiannual 2013 event and the laboratory reporting limit for Cadmium was above the calculated surface water standard for all events.

It was noted by Atkins North America, Inc in the First Semiannual 2013 report that the field and laboratory data referencing SW-1 were actually data for SW-2. Data for that sampling event appears distinctly different from data reported previous to and after that event.

6.0 SUMMARY AND RECOMMENDATIONS

The groundwater monitoring network, with detection wells on the south, east, and west boundaries of the landfill, is appropriately positioned to detect potential contaminant migration from the waste filled areas. A semiannual monitoring frequency is appropriate based on groundwater velocity calculations.

A review of the analytical data collected over this report period show no impacts to the surficial aquifer from the landfill. The two most consistently detected parameters exceeding their groundwater protection standards are Arsenic and Iron and they are the background well.

We recommend that semiannual groundwater monitoring continue with no proposed changes to the monitoring network.

7.0 REFERENCES

Atkins North America, Inc., *Hardee County Solid Waste Disposal Facility Semiannual Compliance Monitoring Reports,* First Semiannual 2013 through Second Semiannual 2015.

Duerr A.G and Enos G.M., 1991, *Hydrogeology of the Intermediation Aquifer System & Upper Floridan Aquifer, Hardee & DeSoto Counties, Florida*. U.S. Geological Survey Water Resources investigations Report 90-4104

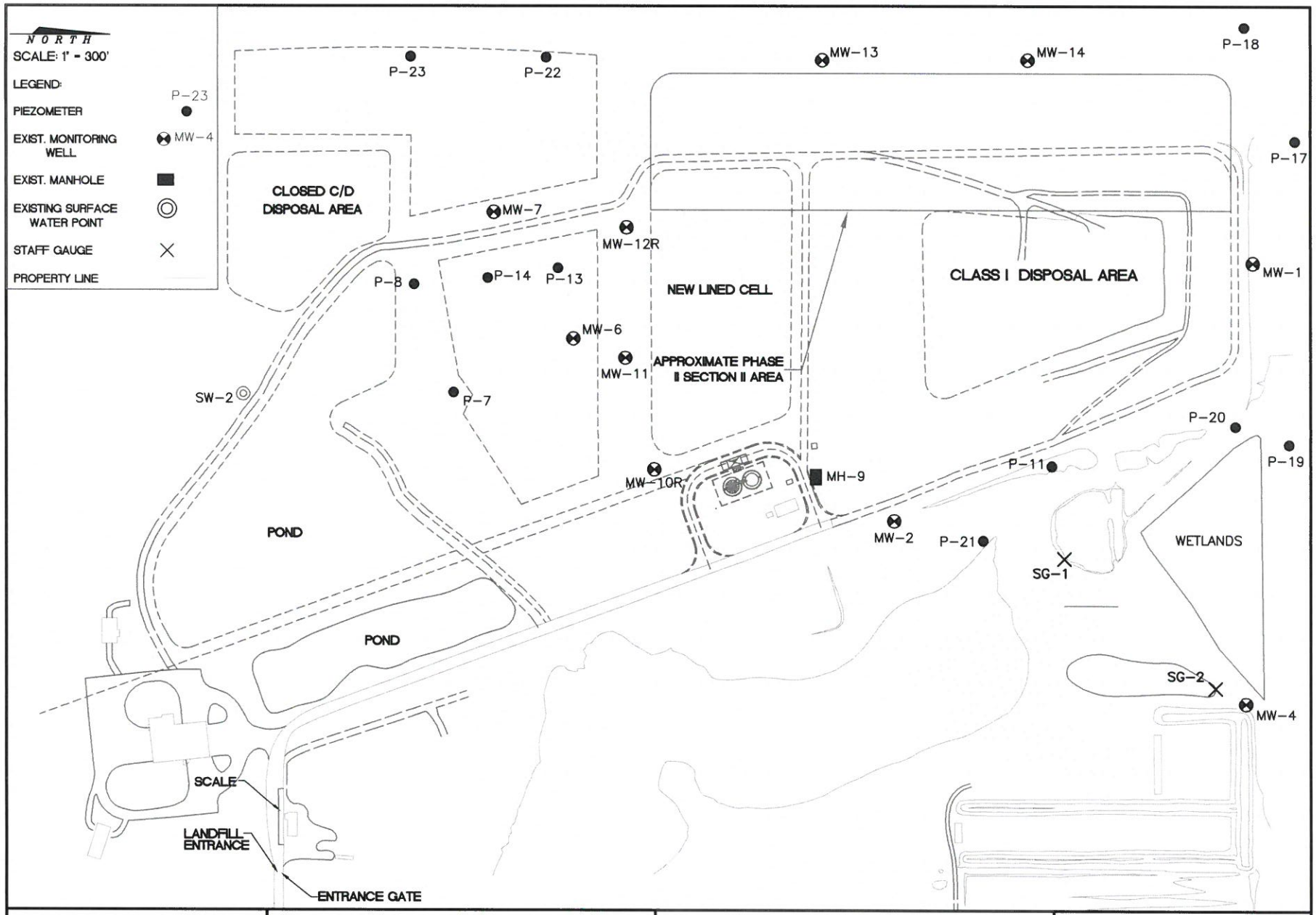
SCS Engineers, *Groundwater Flow Evaluation for the Hardee County Landfill*, June 2009.

SCS Engineers, *Hardee County Landfill Technical Report 2013*, June 2013.

SCS Engineers, *Certification of Construction Completion Report*, *Hardee County Class I Landfill, Phase II Section II Expansion*, April 2015.

ATTACHMENT 1

SITE MAP

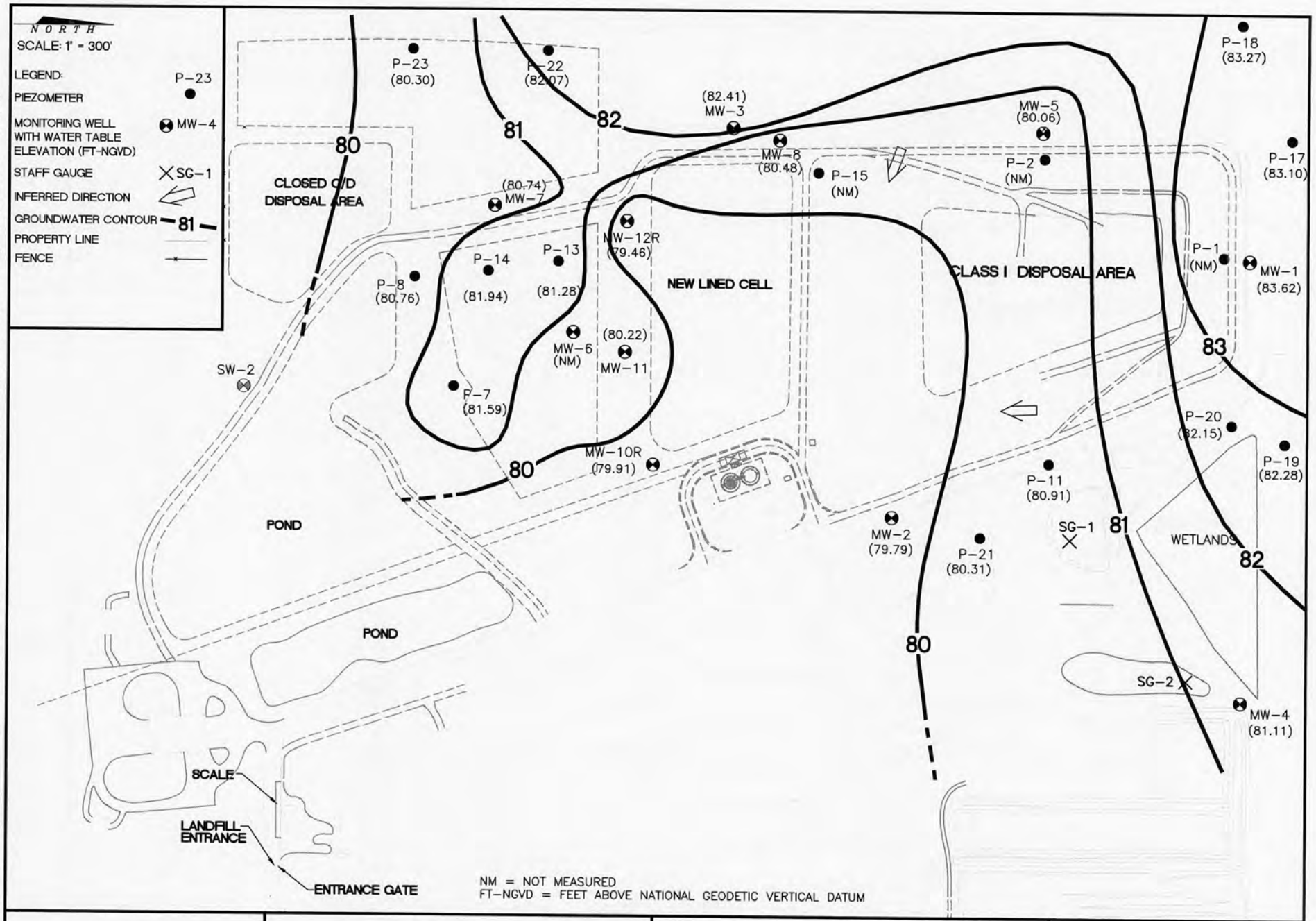


D:\Temp\AcPublish_8696\FIG-1_MONITORING POINTS-06.01.14.dwg Jul 08, 2014 - 8:29am

ATKINS	HARDEE COUNTY LANDFILL	MONITORING POINTS	FIGURE 1

ATTACHMENT 2

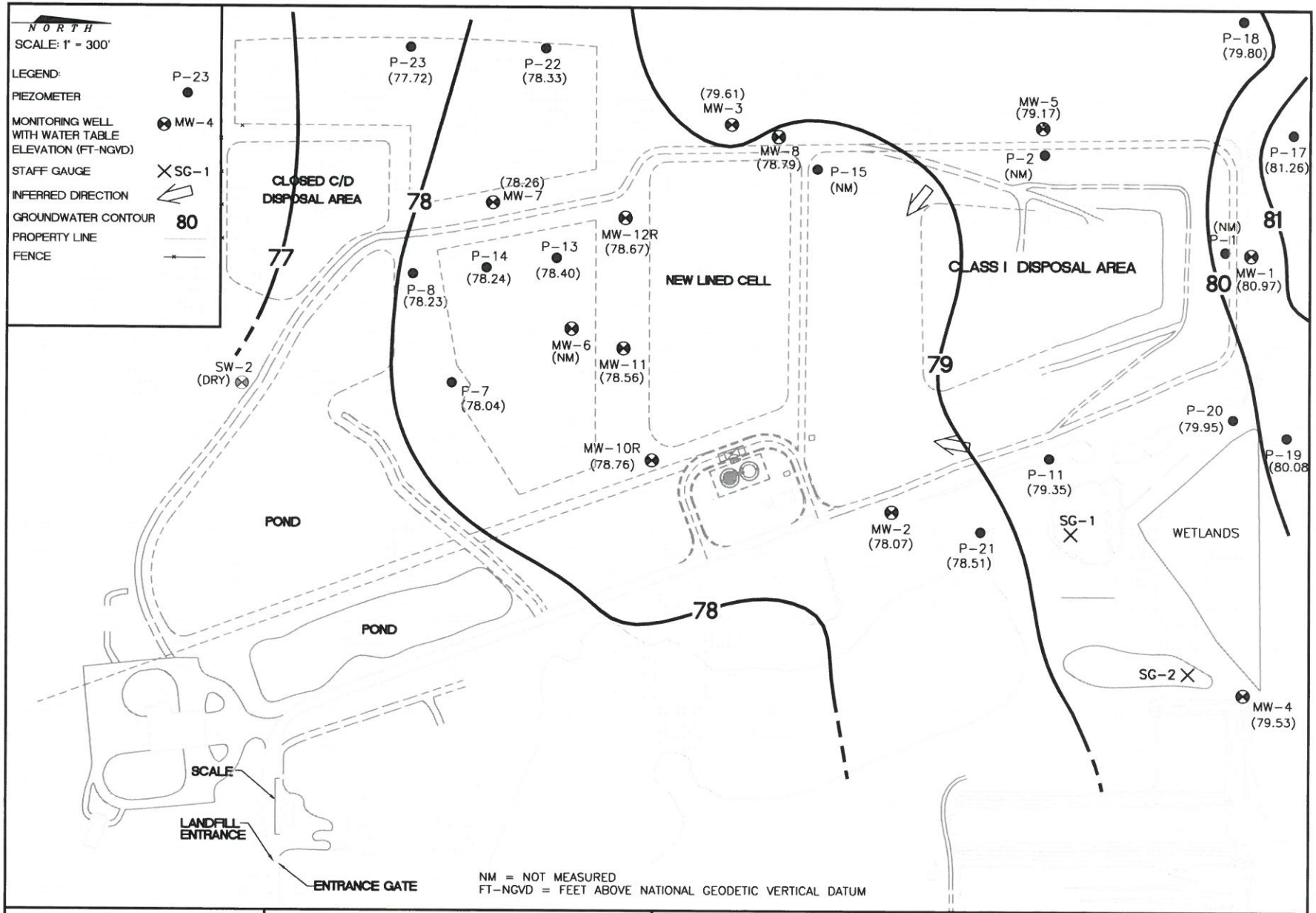
GROUNDWATER CONTOUR MAPS



NM = NOT MEASURED
FT-NGVD = FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM

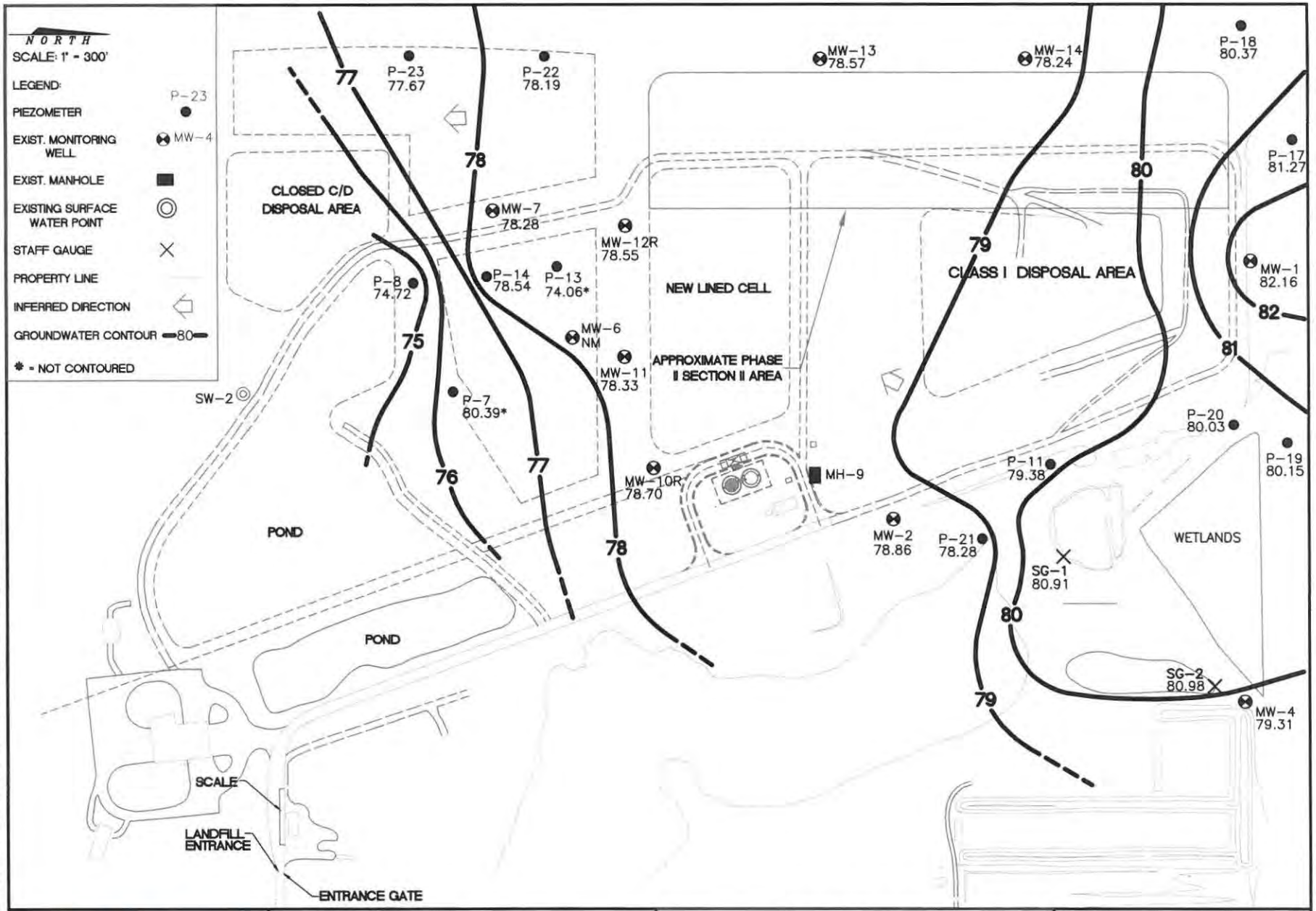
ATKINS	HARDEE COUNTY LANDFILL	WATER TABLE ELEVATION CONTOUR MAP FIRST HALF 2013	FIGURE 2

F:\COMMON\BRAD BAYNE\Hardee County Landfill\July 2013 Figures\FIG-2_WATER TABLE ELEVATION - CONTOUR MAP-SECOND HALF 2013.dwg Jul 26, 2013 - 10:25am



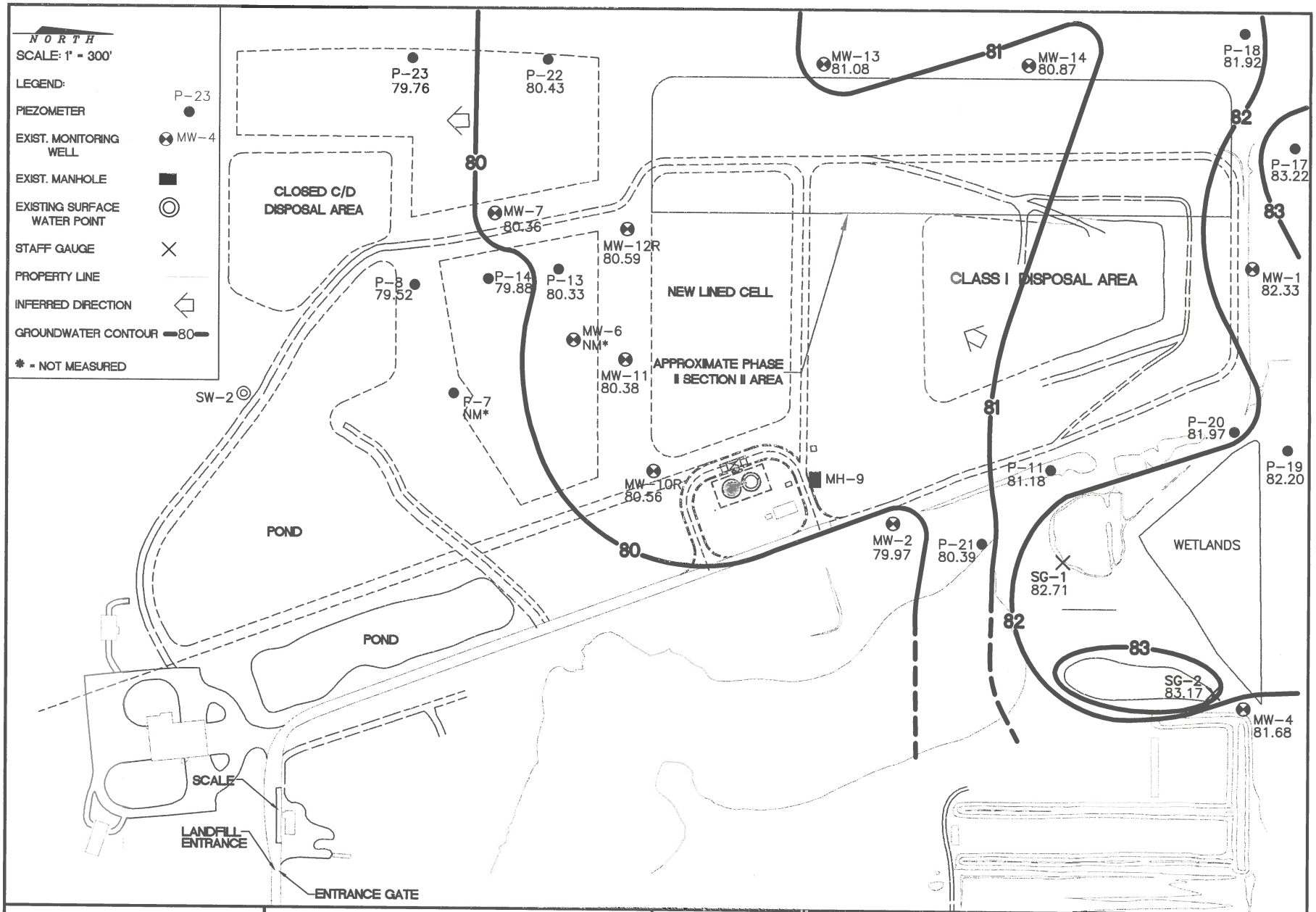
F:\COMMON\BRAD BAYNE\Hardee County Landfill\July 2013 Figures\FIG-2_WATER TABLE ELEVATION - CONTOUR MAP-SECOND HALF 2013.dwg Jan 22, 2014 - 8:56pm

ATKINS	HARDEE COUNTY LANDFILL	WATER TABLE ELEVATION CONTOUR MAP SECOND HALF 2013	FIGURE 2



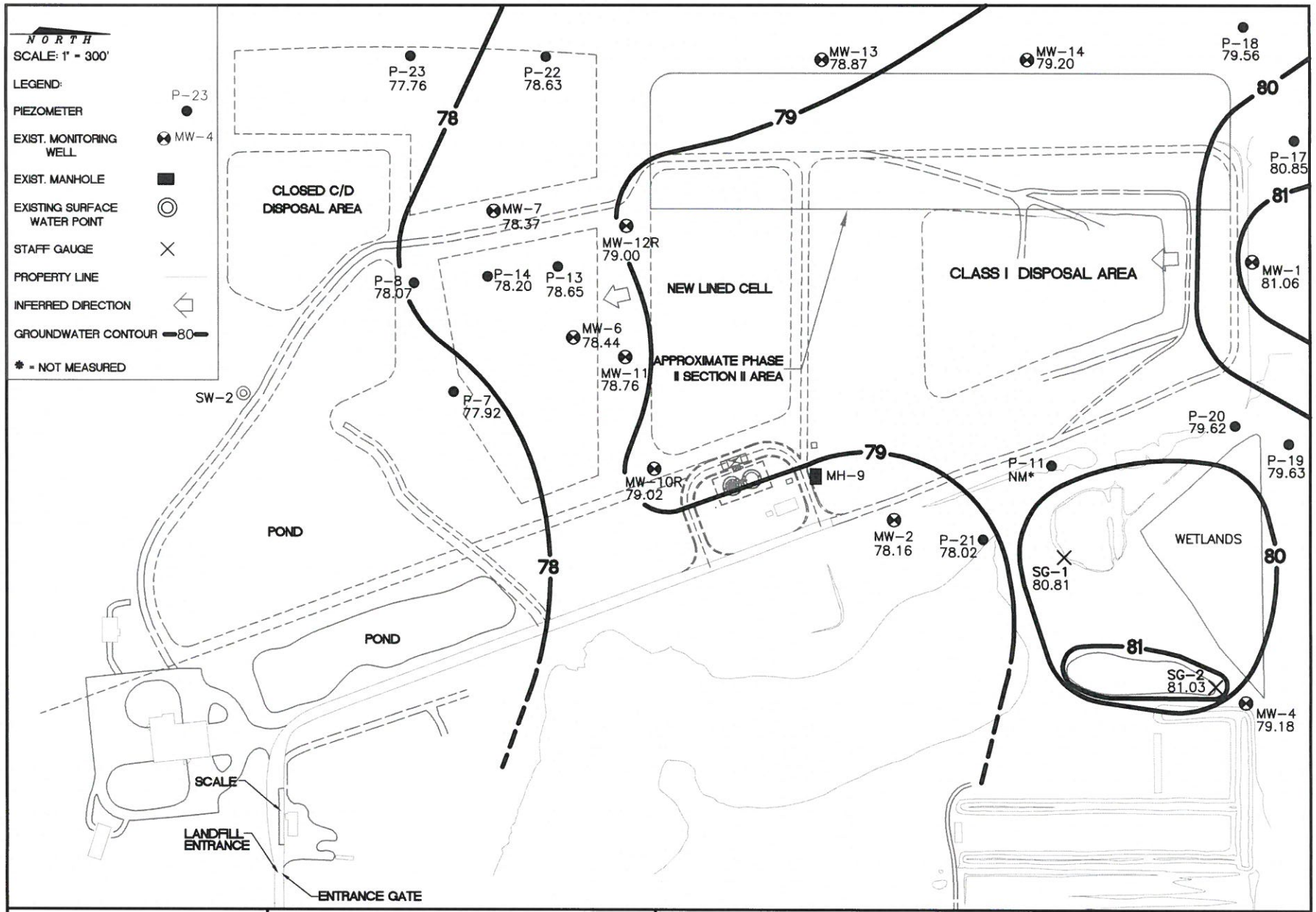
ATKINS	HARDEE COUNTY LANDFILL	WATER TABLE ELEVATION CONTOUR MAP FIRST HALF 2014	FIGURE 2

D:\Temp\AcPublish_8696\FIG-1_MONITORING POINTS-06.01.14.dwg Jul 08, 2014 - 8:29am



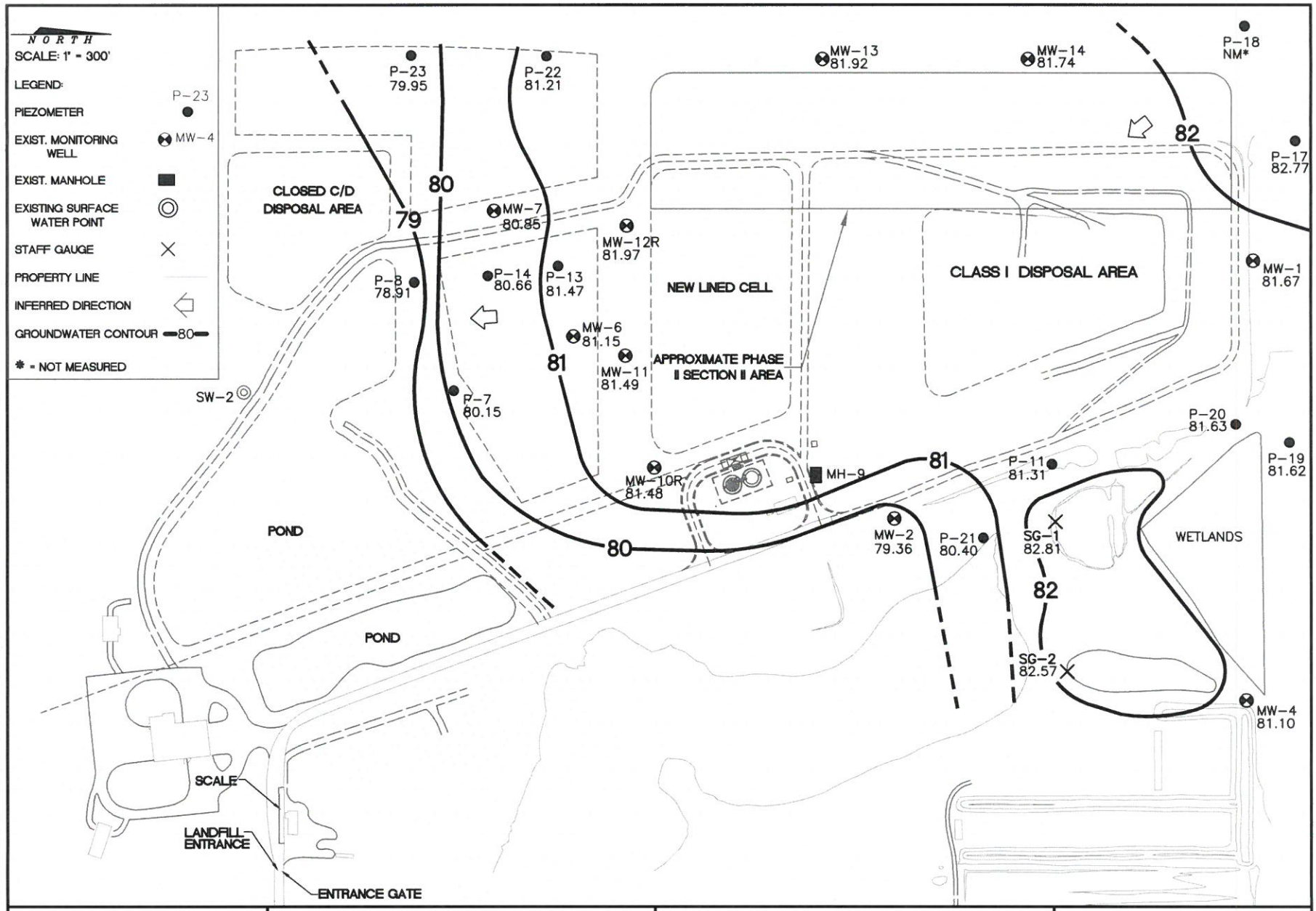
F:\COMMON\BRAD BAYNE\Hardee County Landfill\January 2015 Figures\FIG-1_MONITORING POINTS-01.05.15.dwg Jan 05, 2015 - 11:37am

ATKINS	HARDEE COUNTY LANDFILL	WATER TABLE ELEVATION CONTOUR MAP SECOND HALF 2014	FIGURE 2



\\tpafs04\env\COMMON\BRAD BAYNE\Hardee County Landfill\June 2015\FIG-1_MONITORING POINTS-06.04.15.dwg Jun 08, 2015 - 3:46pm

ATKINS	HARDEE COUNTY LANDFILL	WATER TABLE ELEVATION CONTOUR MAP FIRST HALF 2015	FIGURE 2



F:\COMMON\BRAD BAYNE\Hardee County Landfill\December 2015\FIG-1_MONITORING POINTS-12.15.dwg Jan 11, 2016 - 9:02am

ATKINS	HARDEE COUNTY LANDFILL	WATER TABLE ELEVATION CONTOUR MAP SECOND HALF 2015	FIGURE 2

ATTACHMENT 3

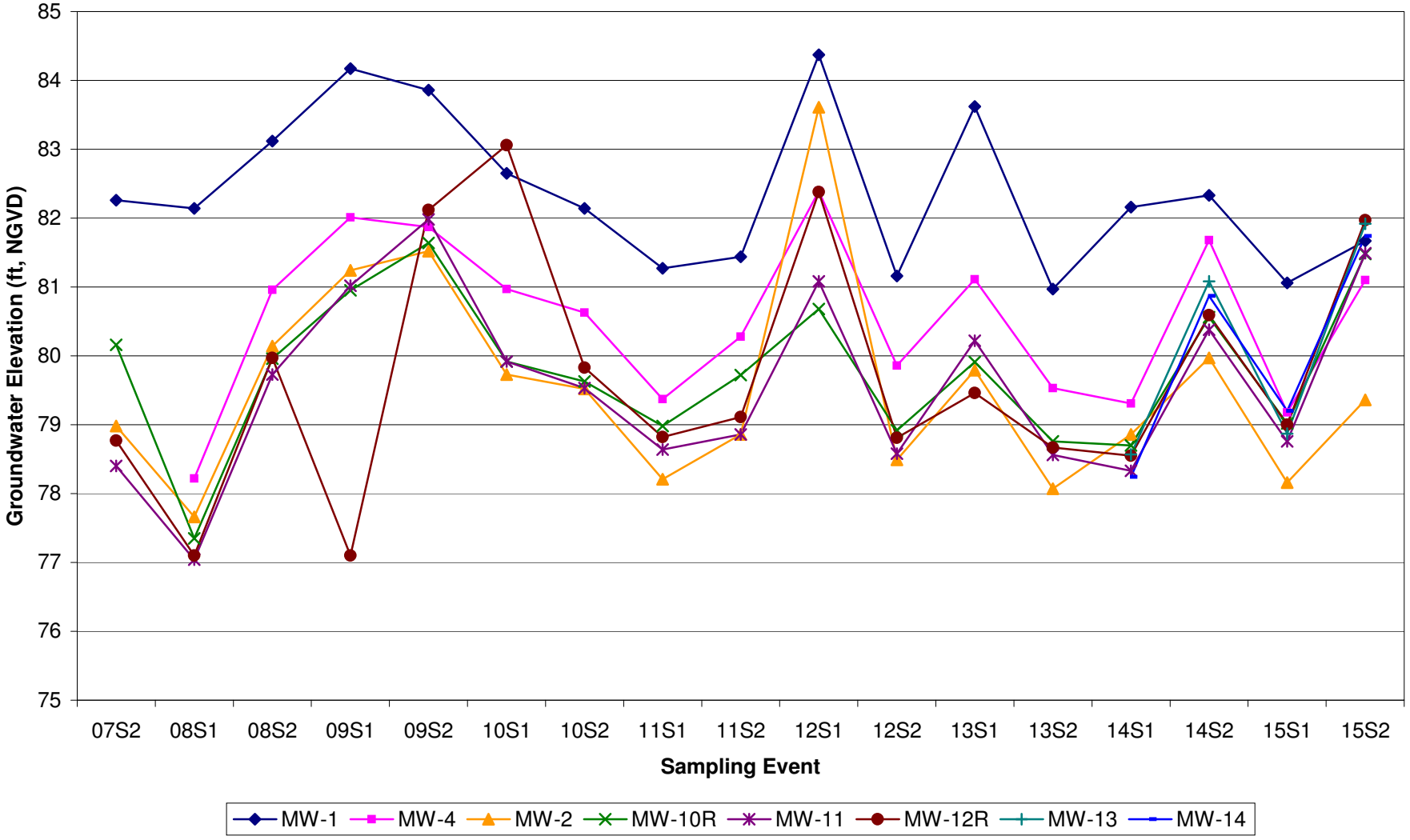
HISTORICAL HYDROGRAPHS, MONITORING WELL CONSTRUCTION INFORMATION, AND GROUNDWATER VELOCITY CALCULATIONS

HARDEE COUNTY SOILD WASTE FACILITY
WELL CONSTRUCTION INFORMATION

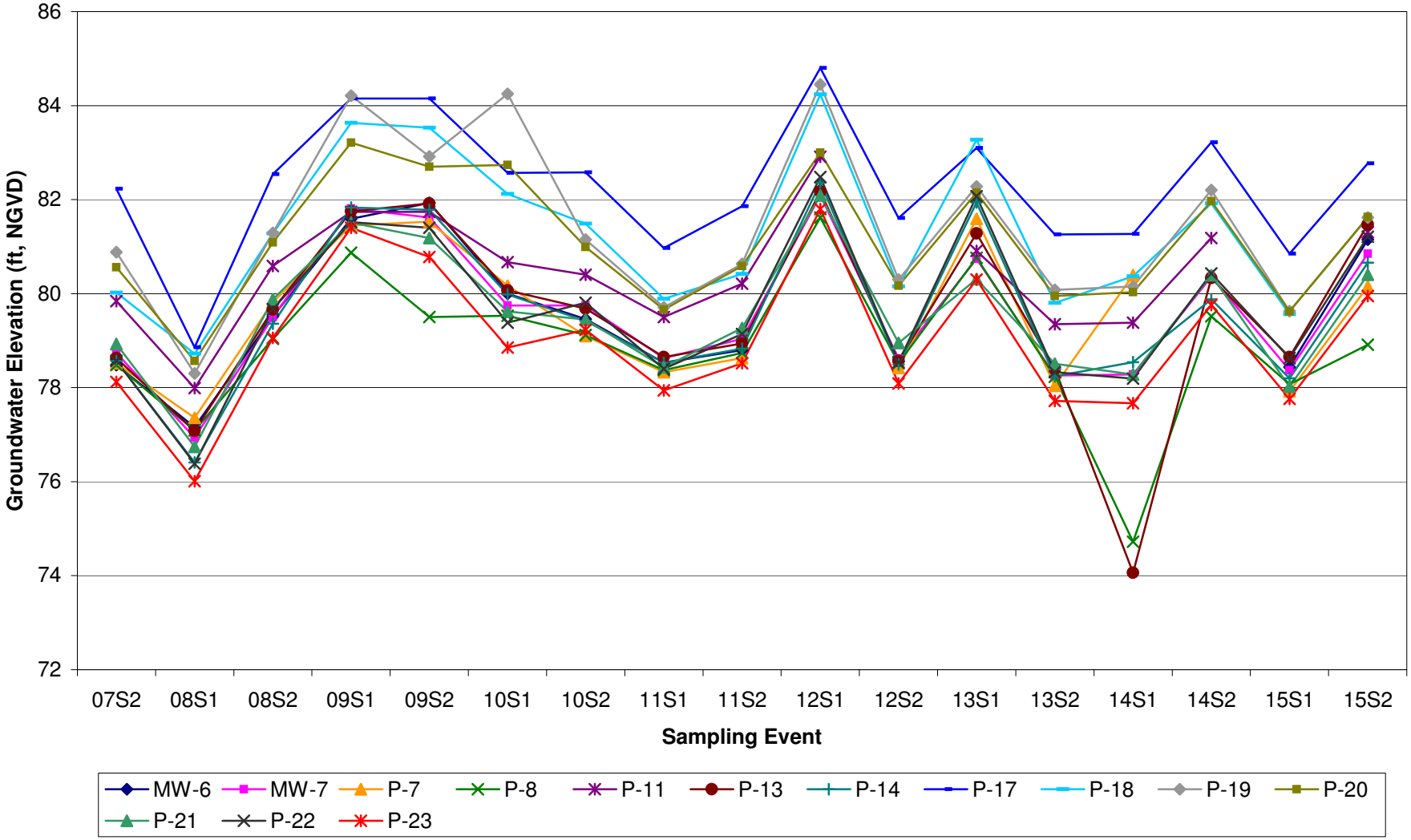
Well ID	Well Diameter	Well Designation	Approximate Distance from Edge of Liner (ft)	Approximate Distance from Zone of Discharge (ft)	Hydraulic Direction	Total Depth (ft, bls)	Casing Length (ft bls)	Screen Length (ft)	TOC Elevation (ft, NGVD)	Ground Surface Elevation (ft, NGVD)	Well Screen Elevation (ft, bls)		Well Screen Elevation (ft, NGVD)	
Monitoring Wells											Top	Bottom	Top	Bottom
MW-1	4"	Background	52	47	Up-gradient	11.0	7.8	5	88.22	86.46	6.0	11	80.46	75.46
MW-4	2"	Background	730		Up-gradient	18.9	12.2	10	87.15	84.22	8.9	18.9	75.32	65.32
MW-2	4"	Detection	70	30	Cross-gradient	10.5	7.8	5	86.46	84.56	5.5	10.5	79.06	74.06
MW-5 *	2"	Detection	43	57	Cross-gradient	18.1	11.0	10	89.12	86.28	8.1	18.1	78.18	68.18
MW-8 *	2"	Detection	14	86	Down-gradient	13.5	3.5	10	89.39	86.63	3.5	13.5	83.13	73.13
MW-10R	2"	Detction	56	51	Down-gradient	20.0	5.0	15	88.57	85.49	5.0	20.0	80.49	65.49
MW-11	2"	Detection	53	47	Down-gradient	12.0	2.0	10	88.11	85.17	2.0	12.0	79.17	69.17
MW-12R	2"	Detection	50	50	Down-gradient	17.0	2.0	15	89.00	85.71	5.0	20.0	80.71	65.71
MW-13 **	2"	Detection			Down-gradient	17.0	5.0	15	88.88	85.9*	2.0	17.0	83.9*	68.9*
MW-14 **	2"	Detection			Down-gradient	17.0	5.0	15	88.16	86.0*	2.0	17.0	84.0*	69.0*
Piezometers														
MW-6	2"	Piezometer				13.5	3.5	10	88.25	85.06	3.5	13.5	81.56	71.56
MW-7	2"	Piezometer				13.5	3.5	10	87.88	84.98	3.5	13.5	81.48	71.48
P-7	2"	Piezometer				**	**	**	84.16	**	**	**	**	**
P-8	2"	Piezometer				**	**	**	84.98	**	**	**	**	**
P-11	2"	Piezometer				**	**	**	88.25	85.03	**	**	**	**
P-13	2"	Piezometer				**	**	**	87.65	**	**	**	**	**
P-14	2"	Piezometer				**	**	**	86.99	**	**	**	**	**
P-17	2"	Piezometer				12.0	2.0	10	88.70	85.88	2	12	83.88	73.88
P-18	2"	Piezometer				12	2	10	87.90	84.42	2	12	82.42	72.42
P-19	2"	Piezometer				12	2	10	86.79	84.17	2	12	82.17	72.17
P-20	2"	Piezometer				12	2	10	87.61	84.68	2	12	82.68	72.68
P-21	2"	Piezometer				12	2	10	86.68	83.57	2	12	81.57	71.57
P-22	2"	Piezometer				12	2	10	87.15	84.09	2	12	82.09	72.09
P-23	2"	Piezometer				12	2	10	86.63	83.71	2	12	81.71	71.71

Notes:
* = Approximate elevations based upon April 3, 2012 Aerial Topography Survey of the site by Pickett & Associates, Inc.
** = Unknown

HARDEE COUNTY CLASS I LANDFILL
HYDROGRAPH OF THE SURFICIAL AQUIFER - MONITORING WELLS



HARDEE COUNTY CLASS I LANDFILL
HYDROGRAPH OF THE SURFICIAL AQUIFER - PIEZOMETERS



HARDEE COUNTY SOLID WASTE FACILITY
CALCULATED GROUNDWATER VELOCITIES

Wells Used to Calculate Gradient	Sampling Event	Up-gradient Elevation (ft)	Down-gradient Elevation (ft)	Distance Between Wells (ft)	*i* Gradient (ft/ft)	*K* (ft/day)	*n* Porosity	Horizontal Velocity (ft/yr)
MW-1 to MW-10R	13S1	83.62	79.91	1512	0.002454	6.95	0.20	31.12
	13S2	80.97	78.76	1512	0.001462	6.95	0.20	18.54
	14S1	82.16	78.70	1512	0.002288	6.95	0.20	29.02
	14S2	82.33	80.56	1512	0.001171	6.95	0.20	14.85
	15S1	81.06	79.02	1512	0.001349	6.95	0.20	17.11
	15S2	81.67	81.48	1512	0.000126	6.95	0.20	1.59
MW-1 to MW-12R	13S1	83.62	79.46	1470	0.002830	6.95	0.20	35.89
	13S2	80.97	78.67	1470	0.001565	6.95	0.20	19.85
	14S1	82.16	78.55	1470	0.002456	6.95	0.20	31.15
	14S2	82.33	80.59	1470	0.001184	6.95	0.20	15.01
	15S1	81.06	79.00	1470	0.001401	6.95	0.20	17.77
	15S2	81.67	81.97	1470	-0.000204	6.95	0.20	-2.59
							Average Groundwater Velocity (ft/yr)	**19.11**

ATTACHMENT 4

PARAMETERS DETECTED AT OR OUTSIDE OF GROUNDWATER STANDARDS DURING THE REPORT PERIOD

ANALYSIS RESULTS COMPARED TO GROUNDWATER STANDARDS AND/OR GUIDANCE CONCENTRATIONS
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		pH (FIELD)	TOTAL DISSOLVED SOLIDS	ARSENIC	IRON	BIS (2-ETHYL-HEXYL) PHTHALATE
STANDARD UNITS		6.5-8.5 S.U.** S.U.	500 mg/L** mg/L	10 µg/L* µg/L	300 µg/L** µg/L	6 µg/L* µg/L
Background						
MW-1	06/21/2013	4.39	-	-	8470	NM
MW-1	12/26/2013	4.28	-	-	10400	NM
MW-1	06/11/2014	5.14	-	-	14200	NM
MW-1	12/22/2014	4.23	-	-	7570	NM
MW-1	05/20/2015	5.34	-	-	7930	NM
MW-1	12/17/2015	4.77	-	-	528	NM
MW-4	06/21/2013	5.82	-	14.1	14700	NM
MW-4	12/26/2013	6.3	-	15.6	15600	NM
MW-4	06/11/2014	6.23	-	11.9	10500	NM
MW-4	12/22/2014	6.1	-	14.7	15200	NM
MW-4	05/20/2015	-	-	13.1	12900	NM
MW-4	12/17/2015	6.43	-	13.4	-	NM
Detection						
MW-2	06/21/2013	-	-	-	9150	NM
MW-2	12/26/2013	-	-	-	529	NM
MW-2	06/11/2014	-	-	-	5600	NM
MW-2	12/22/2014	-	-	-	1790	NM
MW-2	05/20/2015	-	-	-	14700	NM
MW-2	12/17/2015	-	-	-	814	NM
MW-10R	06/21/2013	5.86	-	-	15300	NM
MW-10R	12/26/2013	5.92	-	-	27700	NM
MW-10R	06/11/2014	5.99	-	-	21100	NM
MW-10R	12/22/2014	5.95	-	-	22100	NM
MW-10R	05/20/2015	6.19	-	-	22400	NM
MW-10R	12/17/2015	5.69	-	-	515	NM
MW-11	06/21/2013	4.68	-	-	591	NM
MW-11	12/26/2013	4.79	-	-	-	NM
MW-11	06/11/2014	4.86	-	-	-	NM
MW-11	12/22/2014	4.4	-	-	-	NM
MW-11	05/20/2015	5.23	-	-	-	NM
MW-11	12/17/2015	4.45	-	-	21200	NM
MW-12R	06/21/2013	6.28	-	-	-	NM
MW-12R	12/26/2013	6.2	-	-	-	NM
MW-12R	06/11/2014	-	-	-	-	NM
MW-12R	12/22/2014	-	-	-	-	NM
MW-12R	05/20/2015	-	-	-	-	NM
MW-12R	12/17/2015	-	-	-	12600	NM
MW-13	06/12/2014	5.37	-	-	1500	-
MW-13	12/22/2014	5.02	-	-	398	NM
MW-13	05/20/2015	5.41	-	-	1130	NM
MW-13	12/17/2015	5.65	-	-	1920	NM
MW-14	06/12/2014	4.54	-	-	6380	8.3
MW-14	12/22/2014	5.55	-	-	1710	NM
MW-14	05/20/2015	6.03	-	-	2430	NM
MW-14	12/17/2015	6.49	586	-	8680	NM

ANALYSIS RESULTS COMPARED TO GROUNDWATER STANDARDS AND/OR GUIDANCE CONCENTRATIONS
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER	pH (FIELD)	TOTAL DISSOLVED SOLIDS	ARSENIC	IRON	BIS (2-ETHYL-HEXYL) PHTHALATE
STANDARD	6.5-8.5 S.U.**	500 mg/L**	10 µg/L*	300 µg/L**	6 µg/L*
UNITS	S.U.	mg/L	µg/L	µg/L	µg/L

LEGEND

* =Primary Drinking Water Standard
** =Secondary Drinking Water Standard
*** =Chapter 62-777 Groundwater Cleanup Target Levels (GCTL)
@ =Analysis Result is at Groundwater Standard or GCTL
\- =Analysis Result is not at or outside Groundwater Standard or GCTL
NS =Not Sampled
NM =Not Measured

Note:

This table displays analysis results which were reported at or outside Groundwater Standards or GCTL.
Analysis results notated with "@" indicate that the analysis result was reported at the Groundwater Standard or GCTL.
Analysis results which were reported above the laboratory detection limit (reporting limit), but not at or above the Groundwater Standard or GCTL concentration are not displayed in this table.

ATTACHMENT 5

SUMMARY OF PARAMETERS ABOVE THE LABORATORY DETECTION LIMIT DURING THE REPORT PERIOD

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		CONDUC-TIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND-WATER ELEVATION	pH (FIELD)	TEMPER-ATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ARSENIC	BARIUM	CHROMIUM	COBALT
STANDARD UNITS		(1) uS/cm	(1) ppm	(1) ft, NGVD	6.5-8.5 S.U.** S.U.	(1) deg C	(1) NTU	2.8 mg/L*** mg/L	250 mg/L** mg/L	10 mg/L* mg/L	500 mg/L** mg/L	10 µg/L* µg/L	2000 µg/L* µg/L	100 µg/L* µg/L	140µg/L*** µg/L
Background															
MW-1	06/21/2013	127	0.73	83.62	4.39	28.9	41	<0.01	8.35	0.192	242	2.94	13	5.03	<1
MW-1	12/26/2013	179	2.51	81.0	4.28	24.2	2.36	<0.01	10.8	0.0367	196	4.06	13.2	8.72	<1
MW-1	06/11/2014	184	0.5	82.2	5.14	25.7	6.45	0.454	16.7	0.0267	244	5.25	11.8	4.15	<1
MW-1	12/22/2014	171	0.62	82.3	4.23	22.4	10	0.262	23.6	0.0901	246	5.1	11.4	<1	1.1 I
MW-1	05/20/2015	182	0.846	81.1	5.34	25.3	6.7	<0.01	22.1	<0.2	228	3.3	7.8	2.3	<1
MW-1	12/17/2015	150	0.91	81.7	4.77	24.4	11.3	0.186	19.2	<0.01	242	5.2	8.8	<1	<1
MW-4	06/21/2013	275	0.91	81.11	5.82	24.3	3.2	0.03	15.4	0.0433	288	14.1	13.3	6.71	<1
MW-4	12/26/2013	460	0.2	79.5	6.3	24.3	2.63	<0.01	7.67	<0.01	344	15.6	12.4	6.27	<1
MW-4	06/11/2014	290	1.22	79.3	6.23	22.9	4.05	0.146	10.3	0.0131	284	11.9	11.2	7.78	<1
MW-4	12/22/2014	394	0.55	81.7	6.1	22.8	5.0	0.251	15.9	<0.01	398	14.7	12.9	8.7	<1
MW-4	05/20/2015	290	0.972	79.2	6.61	23.3	6.16	0.223	16.8	<0.2	328	13.1	9.3	3.3	<1
MW-4	12/17/2015	431	0.65	81.1	6.43	24.2	8.0	0.161	16.9	<0.01	388	13.4	11.5	5.1	<1
Detection															
MW-2	06/21/2013	418	0.38	79.79	6.52	27.1	2.5	<0.01	11.2	0.0861	268	1.44 I	24.4	2.51	<1
MW-2	12/26/2013	498	0.46	78.1	6.87	24.4	2.45	<0.01	17.1	0.321	262	<1	13.4	<1	<1
MW-2	06/11/2014	400	1.43	78.0	6.74	24.8	1.71	0.286	13.1	<0.01	254	<1	18	<1	<1
MW-2	12/22/2014	393	0.88	80.0	6.78	22.1	17.5	0.267	8.22	0.531	258	<1	15.1	<1	<1
MW-2	05/20/2015	507	1.24	78.2	7.35	26.0	13.3	0.178	24.8	<0.2	326	4.4	20.8	<1	<1
MW-2	12/17/2015	471	1.35	79.4	7.02	23.7	10.5	<0.01	28.2	0.0778	296	<1	13.4	<1	<1
MW-10R	06/21/2013	394	0.68	79.91	5.86	25.8	1.9	0.138	17.3	0.0711	272	2.45	15.4	2.73	<1
MW-10R	12/26/2013	384	0.22	78.8	5.92	24.6	1.74	<0.01	11.4	0.031	208	2.47	14.7	<1	<1
MW-10R	06/11/2014	312	0.69	78.7	5.99	25.3	2.45	0.347	19.8	0.0493	214	2.77	17.4	<1	<1
MW-10R	12/22/2014	363	0.21	80.6	5.95	23.0	12	0.63	14.4	0.0242	236	4.3	20	<1	<1
MW-10R	05/20/2015	297	1.2	79.2	6.19	24.8	19.7	0.431	14.6	<0.2	176	3	14.4	<1	<1
MW-10R	12/17/2015	299	0.57	81.7	5.69	24.7	5.0	0.593	14.7	<0.01	182	<1	11.2	<1	<1
MW-11	06/21/2013	39.0	0.56	80.22	4.68	26.5	1.52	<0.01	4.11	<0.01	62	<1	6.73	2.79	<1
MW-11	12/26/2013	40	1.49	78.6	4.79	23.8	3.88	<0.01	<4	0.0384	4	<1	5.44	<1	<1
MW-11	06/11/2014	42	0.8	78.3	4.86	25.3	5.21	<0.01	<4	<0.01	44	<1	5.7	<1	<1
MW-11	12/22/2014	54	1.6	80.4	4.4	23.4	28	<0.01	4.86	<0.01	92	<1	14.4	<1	<1
MW-11	05/20/2015	67	0.846	79.6	5.23	25.1	10	<0.01	4.13	<0.2	42	<1	9.1	<1	<1
MW-11	12/17/2015	50	0.54	82.4	4.45	24.4	18.7	<0.01	5.2	0.0867	74	<1	11.6	<1	<1
MW-12R	06/21/2013	377	1.01	79.46	6.28	27.2	5.5	<0.01	<4	1.3	294	1.37 I	5.07	3.49	<1
MW-12R	12/26/2013	512	1.39	78.7	6.2	25.0	1.43	<0.01	<4	0.0191	320	2.54	3.41	<1	<1
MW-12R	06/11/2014	433	0.66	78.6	6.56	26.1	2.88	0.0318	9.28	<0.01	324	<1	3.41	<1	<1

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		CONDUC-TIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND-WATER ELEVATION	pH (FIELD)	TEMPER-ATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ARSENIC	BARIUM	CHROMIUM	COBALT
STANDARD UNITS		(1) uS/cm	(1) ppm	(1) ft, NGVD	6.5-8.5 S.U.** S.U.	(1) deg C	(1) NTU	2.8 mg/L*** mg/L	250 mg/L** mg/L	10 mg/L* mg/L	500 mg/L** mg/L	10 µg/L* µg/L	2000 µg/L* µg/L	100 µg/L* µg/L	140µg/L*** µg/L
MW-12R	12/22/2014	390	1.5	80.6	6.69	21.8	1.0	0.16	<4	0.772	266	<1	<2	<1	<1
MW-12R	05/20/2015	390	1.49	78.6	7.34	25.6	6.3	<0.01	6.96	0.448	242	<1	<2	<1	<1
MW-12R	12/17/2015	551	0.91	81.5	6.51	24.0	4.8	0.0938	14.2	0.0384	376	5.6	<2	<1	<1
MW-13	06/12/2014	113	0.67	78.6	5.37	25.7	3.45	<0.01	17.8	0.0327	104	<1	4.06	<1	<1
MW-13	12/22/2014	256	0.59	81.1	5.02	22.2	2.5	<0.01	30	1.4	170	<1	15.7	<1	<1
MW-13	05/20/2015	135	1.22	77.8	5.41	25.1	8.45	<0.01	7.88	<0.2	84	<1	<2	<1	<1
MW-13	12/17/2015	218	0.46	81.2	5.65	24.6	5.35	0.256	12.1	0.174	186	<1	<2	<1	<1
MW-14	06/12/2014	201	1.07	78.2	4.54	23.6	0.75	0.255	36.9	<0.01	154	<1	21.3	<1	<1
MW-14	12/22/2014	395	1.47	80.9	5.55	22.9	3.4	0.0427	25	2.32	266	<1	18.4	<1	<1
MW-14	05/20/2015	332	1.52	80.0	6.03	25.6	8.7	0.0733	38.5	0.347	240	<1	19.7	<1	<1
MW-14	12/17/2015	814	0.65	82.6	6.49	24.0	9.29	1.01	8.93	0.182	586	<1	<2	<1	<1

LEGEND

* =Primary Drinking Water Standard
** =Secondary Drinking Water Standard
*** =Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)
(1) =No Standard
\- =Not Analyzed

I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		COPPER	IRON	MERCURY	NICKEL	SILVER	SODIUM	VANADIUM	ZINC	ACETONE	TOLUENE	TOTAL VOCS	BIS (2-ETHYL-HEXYL) PHTHALATE
STANDARD UNITS		1000 µg/L** µg/L	300 µg/L** µg/L	2 µg/L* µg/L	100 µg/L* µg/L	100 µg/L** µg/L	160 mg/L* mg/L	49 µg/L*** µg/L	5000 µg/L** µg/L	6300 µg/L*** µg/L	40 µg/L** µg/L	(1) µg/L	6 µg/L* µg/L
Background													
MW-1	06/21/2013	1.03 I	8470	<0.02	4.67	0.52 I	11	16.3	<10	7.13	<0.5	7.13	-
MW-1	12/26/2013	6.12	10400	<0.02	4.41	<0.5	11.4	24.1	<10	<5	<0.5	-	-
MW-1	06/11/2014	<1	14200	<0.02	4.39	<0.5	10.1	27.1	39.3	<5	<0.5	-	-
MW-1	12/22/2014	<1	7570	<0.02	5.2	<0.5	10.6	19.9	14.8 I	<5	<0.5	-	-
MW-1	05/20/2015	<1	7930	<0.02	5.4	<0.5	11.7	22.1	<10	<5	<0.5	-	-
MW-1	12/17/2015	<1	528	<0.02	3.9	<0.5	4.99	17.6	<10	<5	<0.5	-	-
MW-4	06/21/2013	<1	14700	0.0429	3.86	<0.5	16.3	14.7	<10	<5	<0.5	-	-
MW-4	12/26/2013	<1	15600	<0.02	<1	<0.5	8.69	18.2	<10	<5	<0.5	3.71	3.71	-
MW-4	06/11/2014	<1	10500	<0.02	4.33	<0.5	6.7	21.7	39.4	<5	<0.5	-	-
MW-4	12/22/2014	<1	15200	<0.02	1.3 I	<0.5	7.37	18.8	11.0 I	<5	<0.5	-	-
MW-4	05/20/2015	<1	12900	<0.02	2.8	<0.5	7.49	21.9	<10	<5	<0.5	-	-
MW-4	12/17/2015	<1	49.4	<0.02	1.9	<0.5	8.96	14.2	<10	<5	<0.5	-	-
Detection													
MW-2	06/21/2013	<1	9150	<0.02	3.34	<0.5	29.2	2.31	<10	<5	<0.5	-	-
MW-2	12/26/2013	<1	529	<0.02	<1	<0.5	15.1	2.59	<10	<5	<0.5	-	-
MW-2	06/11/2014	<1	5600	<0.02	3.4	<0.5	17.8	<1	40	<5	<0.5	-	-
MW-2	12/22/2014	<1	1790	<0.02	1.4 I	<0.5	15.2	2.6	10.7 I	<5	<0.5	-	-
MW-2	05/20/2015	<1	14700	<0.02	1.8	<0.5	15.6	4.9	<10	<5	<0.5	-	-
MW-2	12/17/2015	<1	814	<0.02	1.6	<0.5	10.9	1.6	24.1	<5	<0.5	-	-
MW-10R	06/21/2013	<1	15300	<0.02	2.97	<0.5	18.8	1.85 I	<10	<5	<0.5	-	-
MW-10R	12/26/2013	<1	27700	<0.02	<1	<0.5	17	<1	<10	<5	<0.5	-	-
MW-10R	06/11/2014	<1	21100	<0.02	3.68	<0.5	13.5	2.31	38.3	<5	<0.5	-	-
MW-10R	12/22/2014	<1	22100	<0.02	1.9 I	<0.5	12.3	3.4	11.8 I	<5	<0.5	-	-
MW-10R	05/20/2015	<1	22400	<0.02	1.3	<0.5	15.2	3.1	<10	<5	<0.5	-	-
MW-10R	12/17/2015	<1	515	<0.02	1.4	<0.5	3.49	2.9	<10	<5	<0.5	-	-
MW-11	06/21/2013	<1	591	0.0879	3.03	<0.5	5.83	4.31	<10	<5	<0.5	-	-
MW-11	12/26/2013	<1	234	<0.02	<1	<0.5	3.09	2.44	<10	<5	<0.5	-	-
MW-11	06/11/2014	<1	163	<0.02	<1	<0.5	3.39	2.98	43.4	<5	<0.5	-	-
MW-11	12/22/2014	<1	206	<0.02	<1	<0.5	5.08	5.9	29	<5	<0.5	-	-
MW-11	05/20/2015	<1	296	<0.02	<1	<0.5	4.79	3.6	42	<5	<0.5	-	-
MW-11	12/17/2015	<1	21200	<0.02	1.3	<0.5	14.7	5.9	66	<5	<0.5	-	-
MW-12R	06/21/2013	2.07	72.4	0.0474	4.23	<0.5	5.8	7.69	38.1	<5	<0.5	-	-
MW-12R	12/26/2013	<1	58.7	<0.02	<1	<0.5	5.2	3.62	<10	<5	<0.5	-	-
MW-12R	06/11/2014	<1	40.5 V	<0.02	<1	<0.5	4.78	2.68	70.2	<5	<0.5	-	-

PARAMETERS AT OR ABOVE THE LABORATORY DETECTION LIMIT
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		COPPER	IRON	MERCURY	NICKEL	SILVER	SODIUM	VANADIUM	ZINC	ACETONE	TOLUENE	TOTAL VOCS	BIS (2-ETHYL-HEXYL) PHTHALATE
STANDARD UNITS		1000 µg/L** µg/L	300 µg/L** µg/L	2 µg/L* µg/L	100 µg/L* µg/L	100 µg/L** µg/L	160 mg/L* mg/L	49 µg/L*** µg/L	5000 µg/L** µg/L	6300 µg/L*** µg/L	40 µg/L** µg/L	(1) µg/L	6 µg/L* µg/L
MW-12R	12/22/2014	<1	21	<0.02	1.8 I	<0.5	3	10.6	30.9	<5	<0.5	-	-
MW-12R	05/20/2015	<1	<10	<0.02	1.2	<0.5	2.76	22.1	17.9	<5	<0.5	-	-
MW-12R	12/17/2015	1.9	12600	<0.02	2	<0.5	8.99	6	15.6	<5	<0.5	-	-
MW-13	06/12/2014	<1	1500	<0.02	<1	<0.5	5.67	<1	42.8	<5	<0.5	-	<3
MW-13	12/22/2014	<1	398	<0.02	2.3	<0.5	10.6	3.3	16.1 I	<5	<0.5	-	-
MW-13	05/20/2015	<1	1130	<0.02	1.9	<0.5	8.1	1.6	<10	<5	<0.5	-	-
MW-13	12/17/2015	2.9	1920	<0.02	2.1	<0.5	15.8	1.7	11.7	<5	<0.5	-	-
MW-14	06/12/2014	<1	6380	<0.02	4.53	<0.5	9.65	<1	36.4	<5	<0.5	-	8.3
MW-14	12/22/2014	<1	1710	<0.02	2	<0.5	9.72	3.1	11.8 I	<5	<0.5	-	-
MW-14	05/20/2015	<1	2430	<0.02	1.9	<0.5	15	3.2	<10	<5	<0.5	-	-
MW-14	12/17/2015	<1	8680	<0.02	1.6	<0.5	11.3	2.2	10.6	<5	<0.5	-	-

LEGEND

* =Primary Drinking Water Standard
** =Secondary Drinking Water Standard
*** =Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)
(1) =No Standard
\- =Not Analyzed

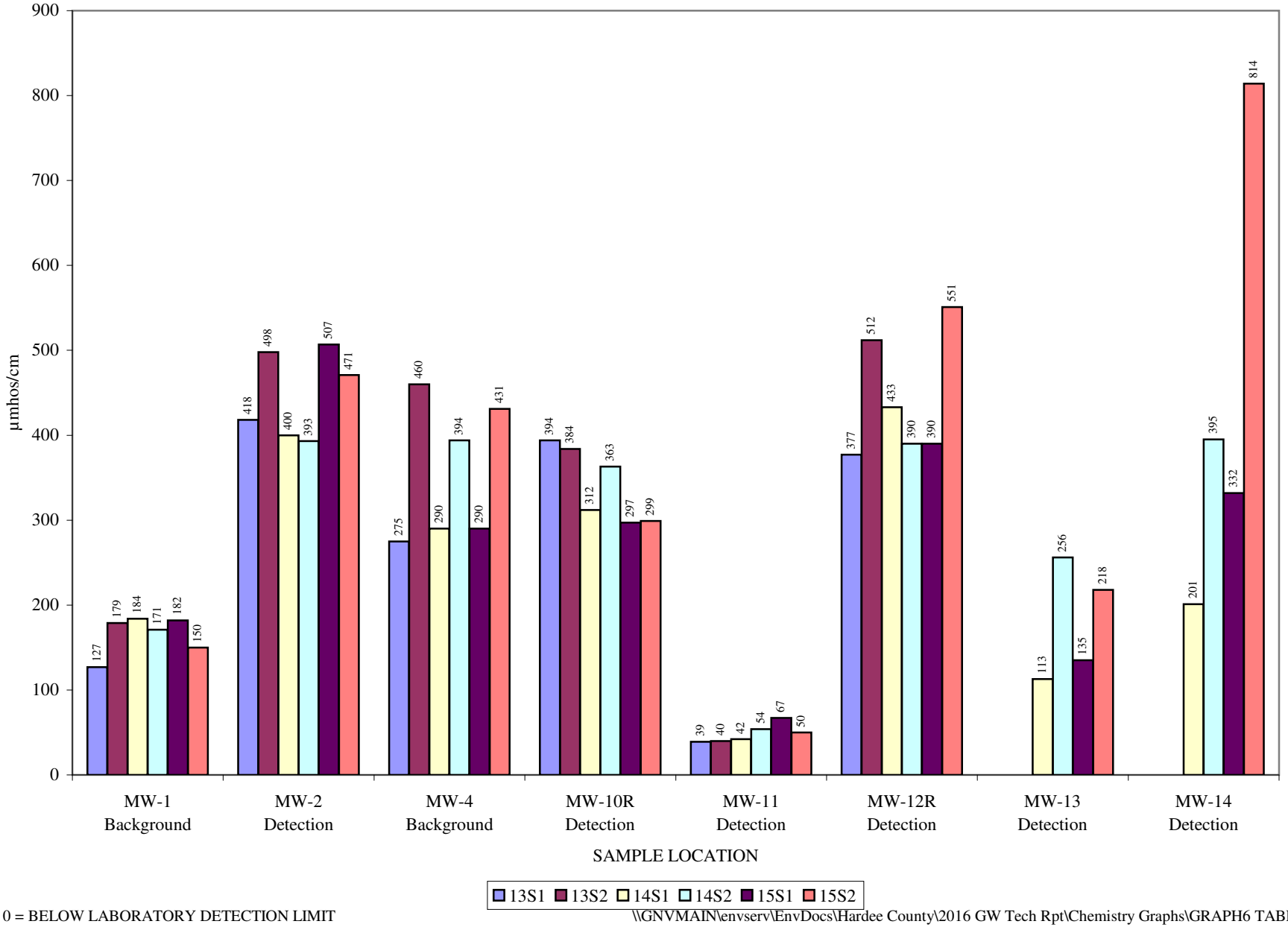
I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time

ATTACHMENT 6

GROUNDWATER CHEMISTRY GRAPHS (REPORT PERIOD)

CONDUCTIVITY (FIELD)

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



0 = BELOW LABORATORY DETECTION LIMIT

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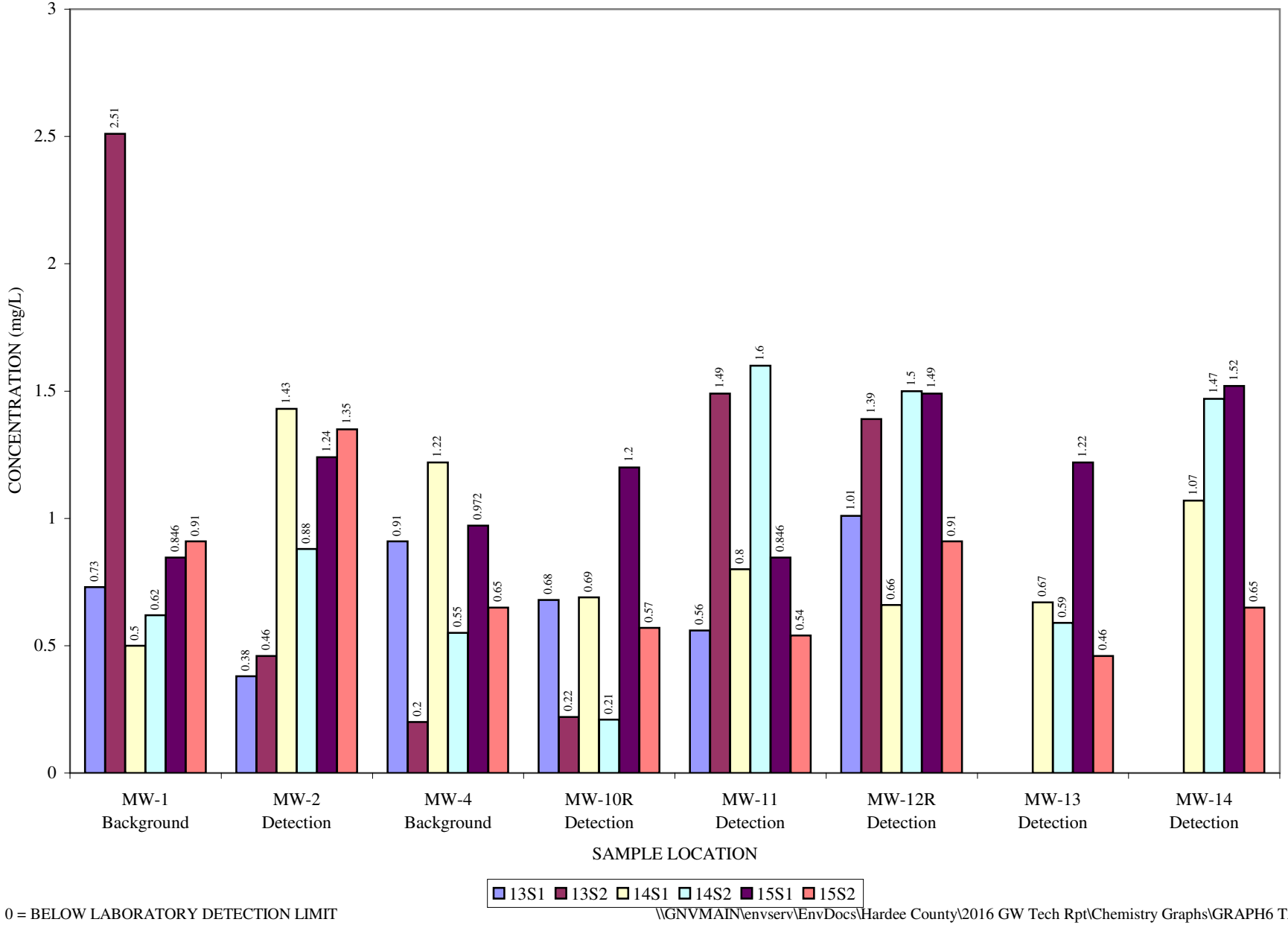
DISSOLVED OXYGEN (FIELD)

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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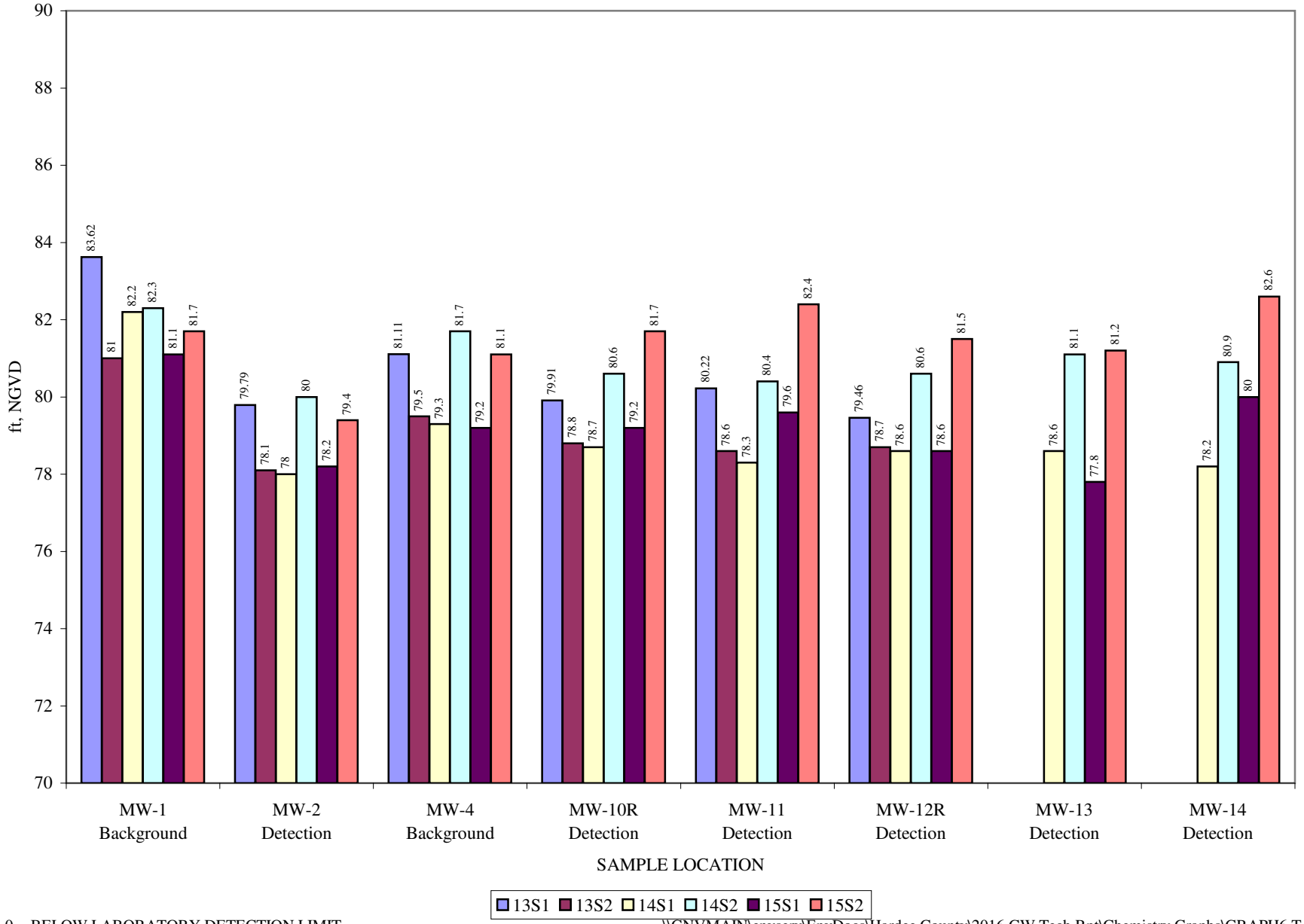
GROUNDWATER ELEVATION

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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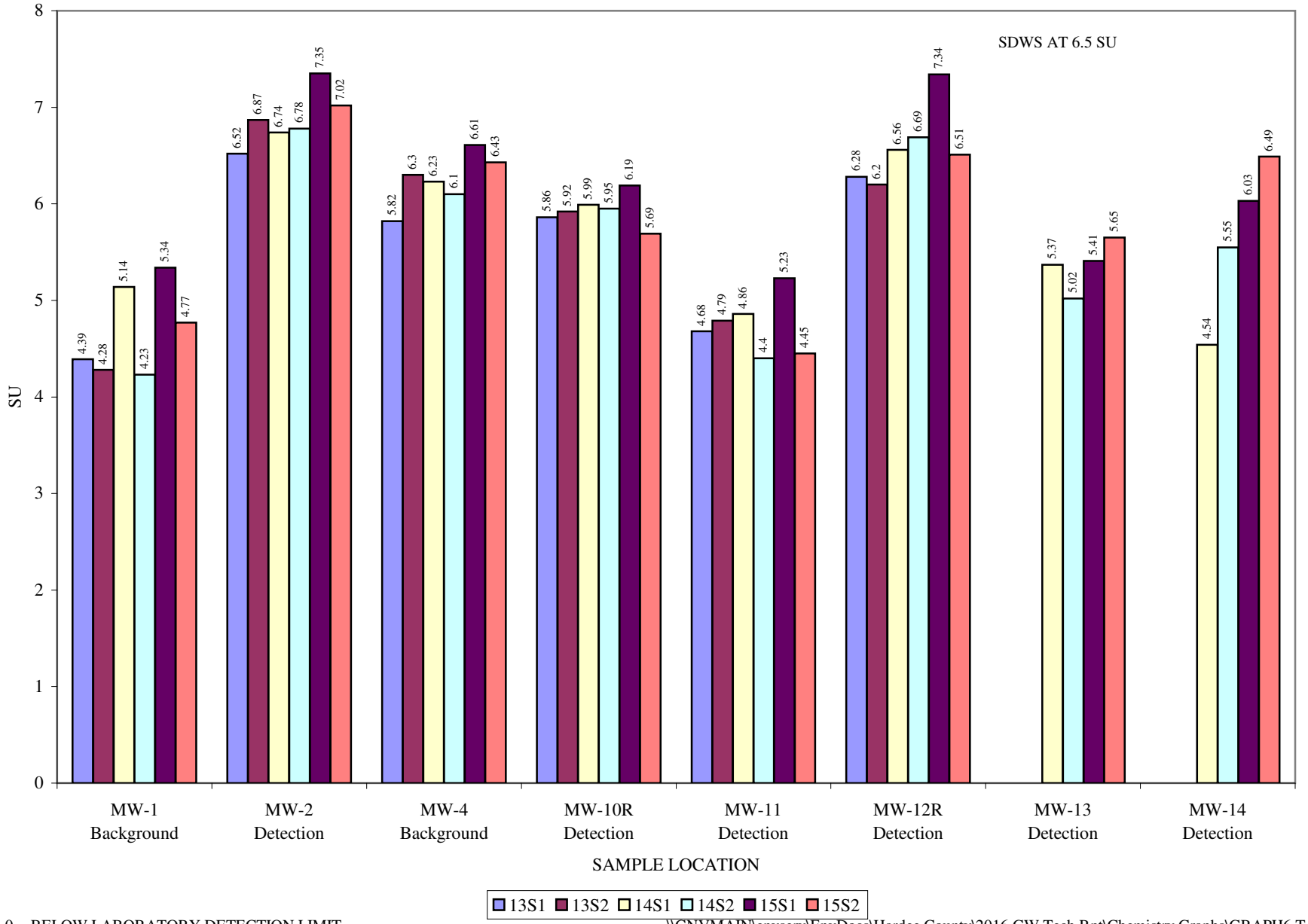
pH (FIELD)

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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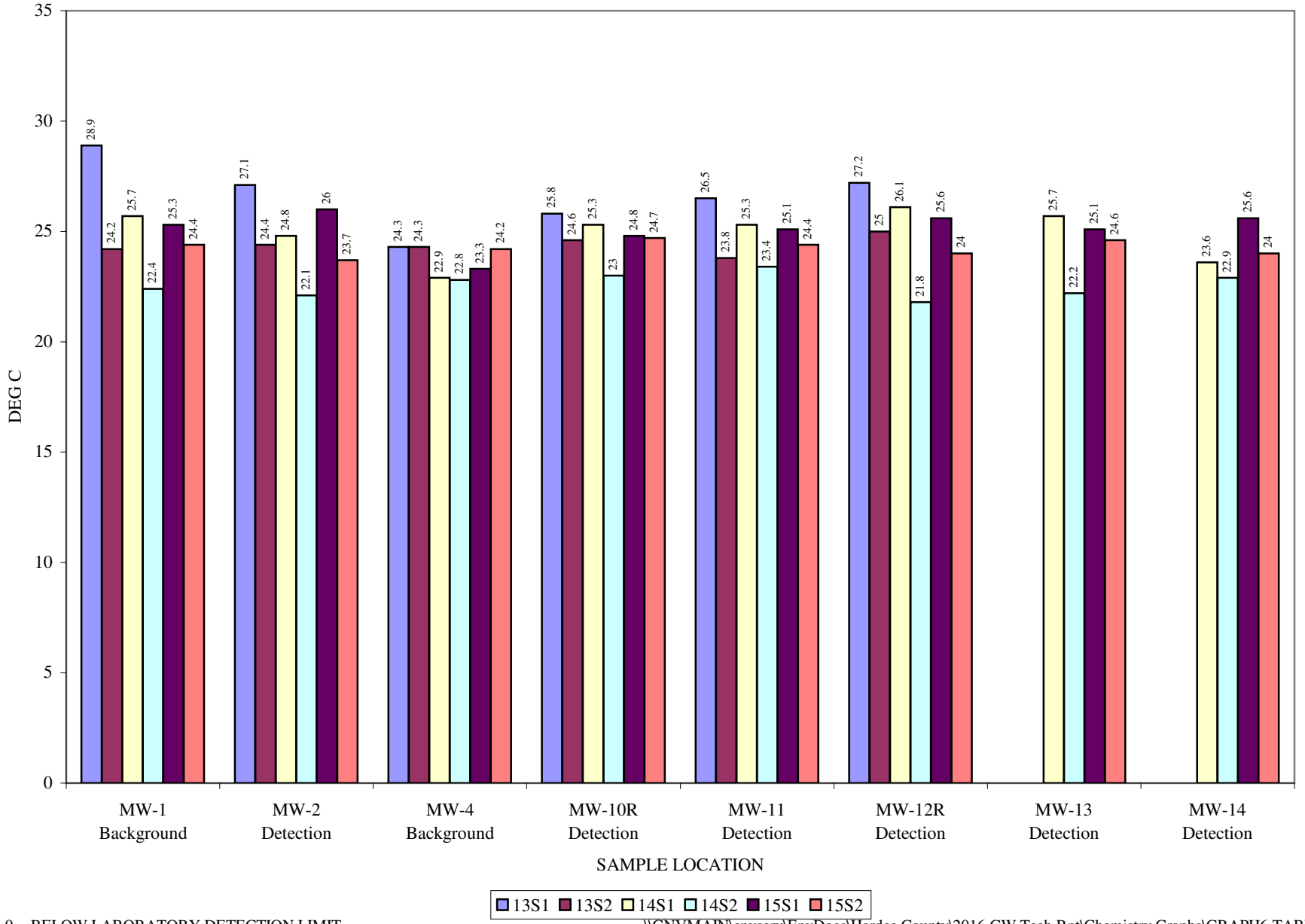
TEMPERATURE (FIELD)

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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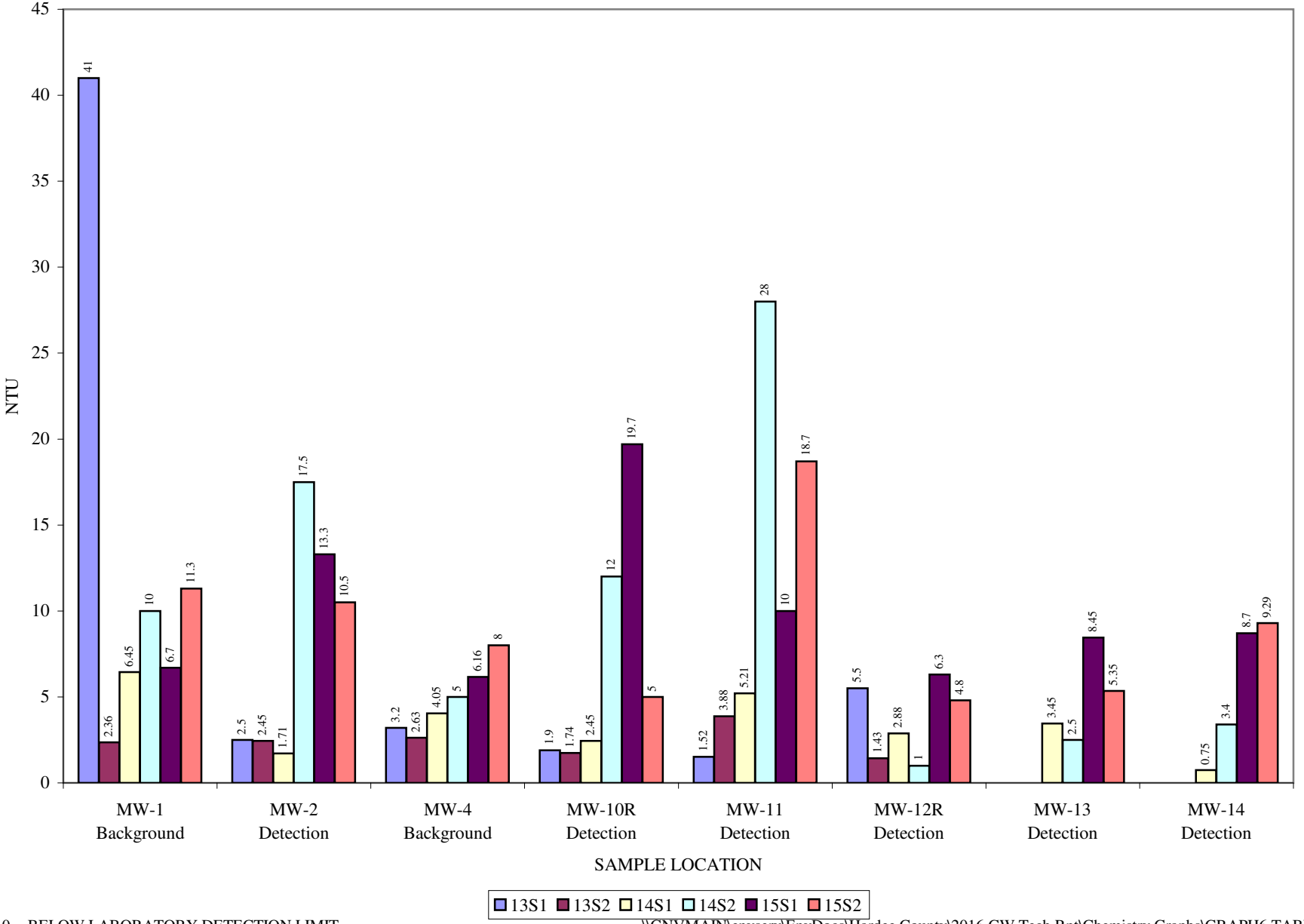
TURBIDITY (FIELD)

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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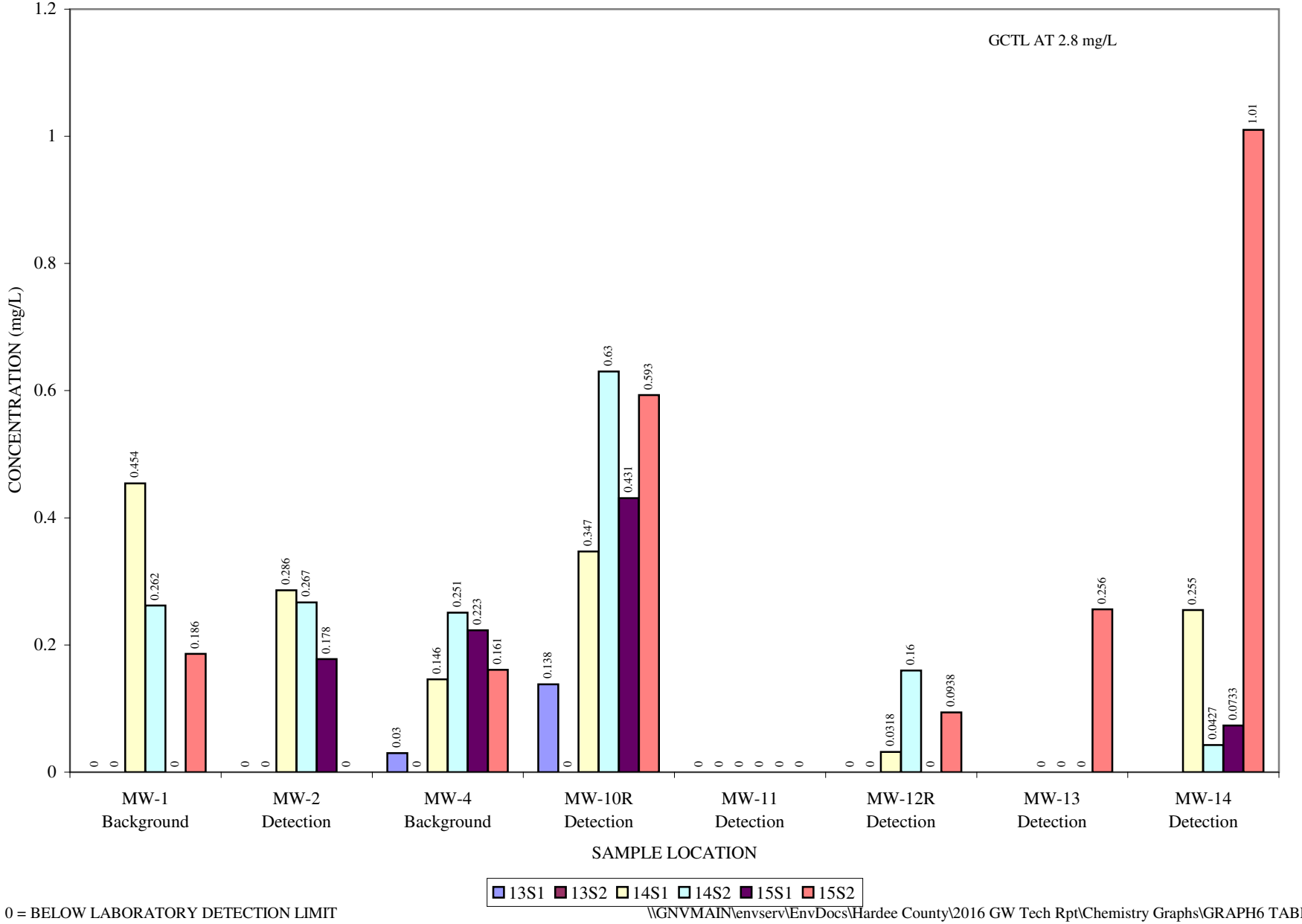
AMMONIA NITROGEN

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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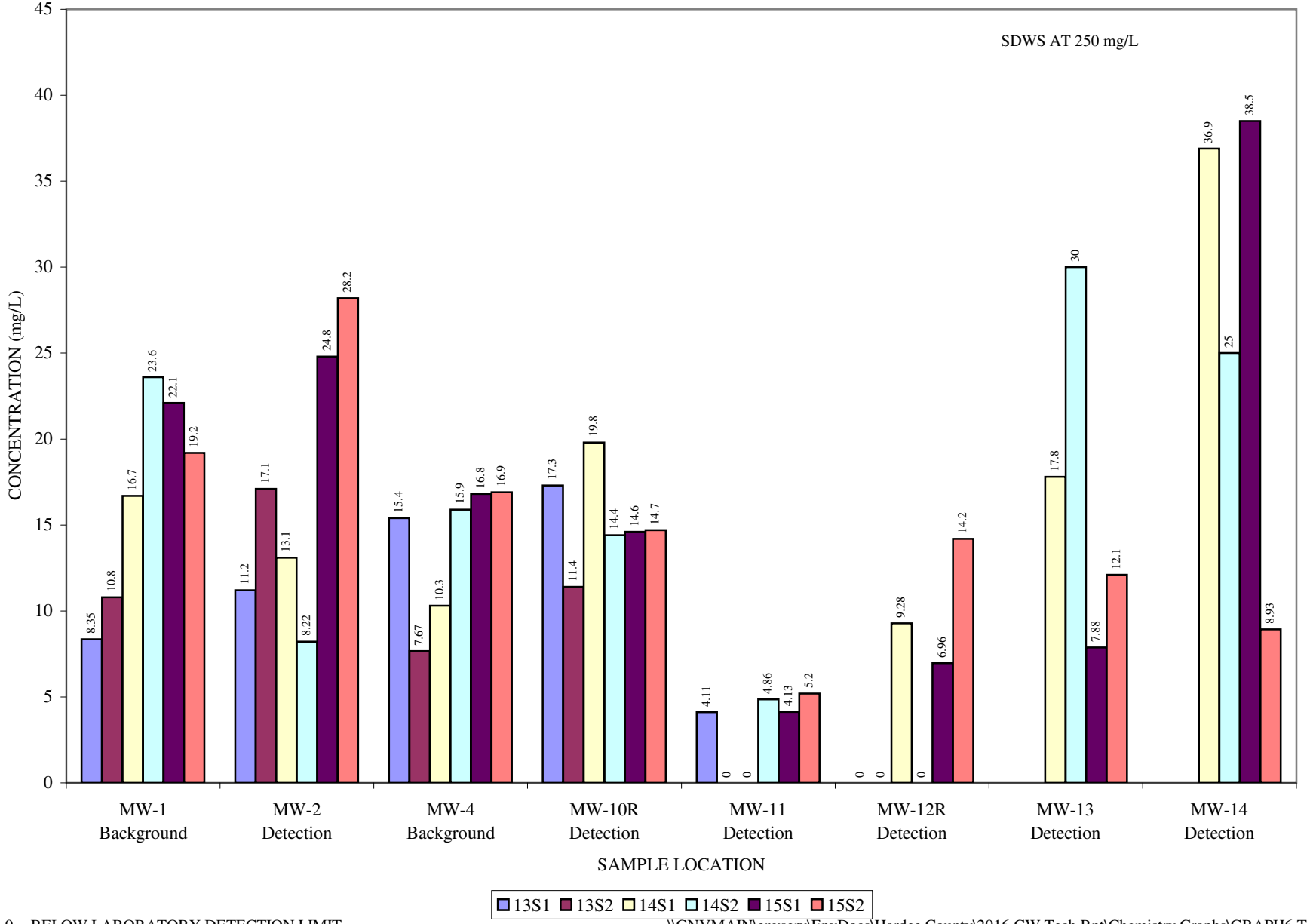
CHLORIDE

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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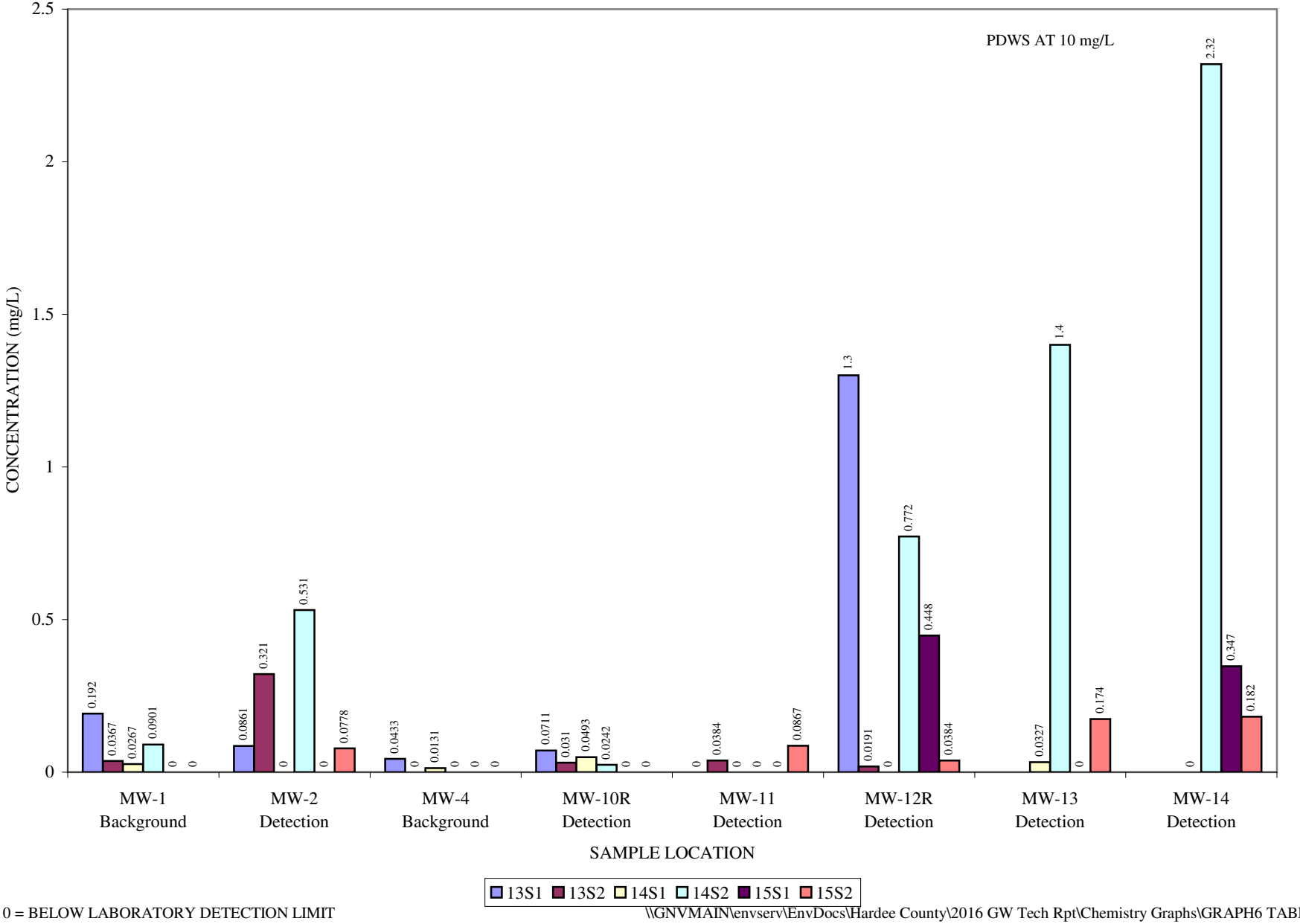
NITRATE NITROGEN

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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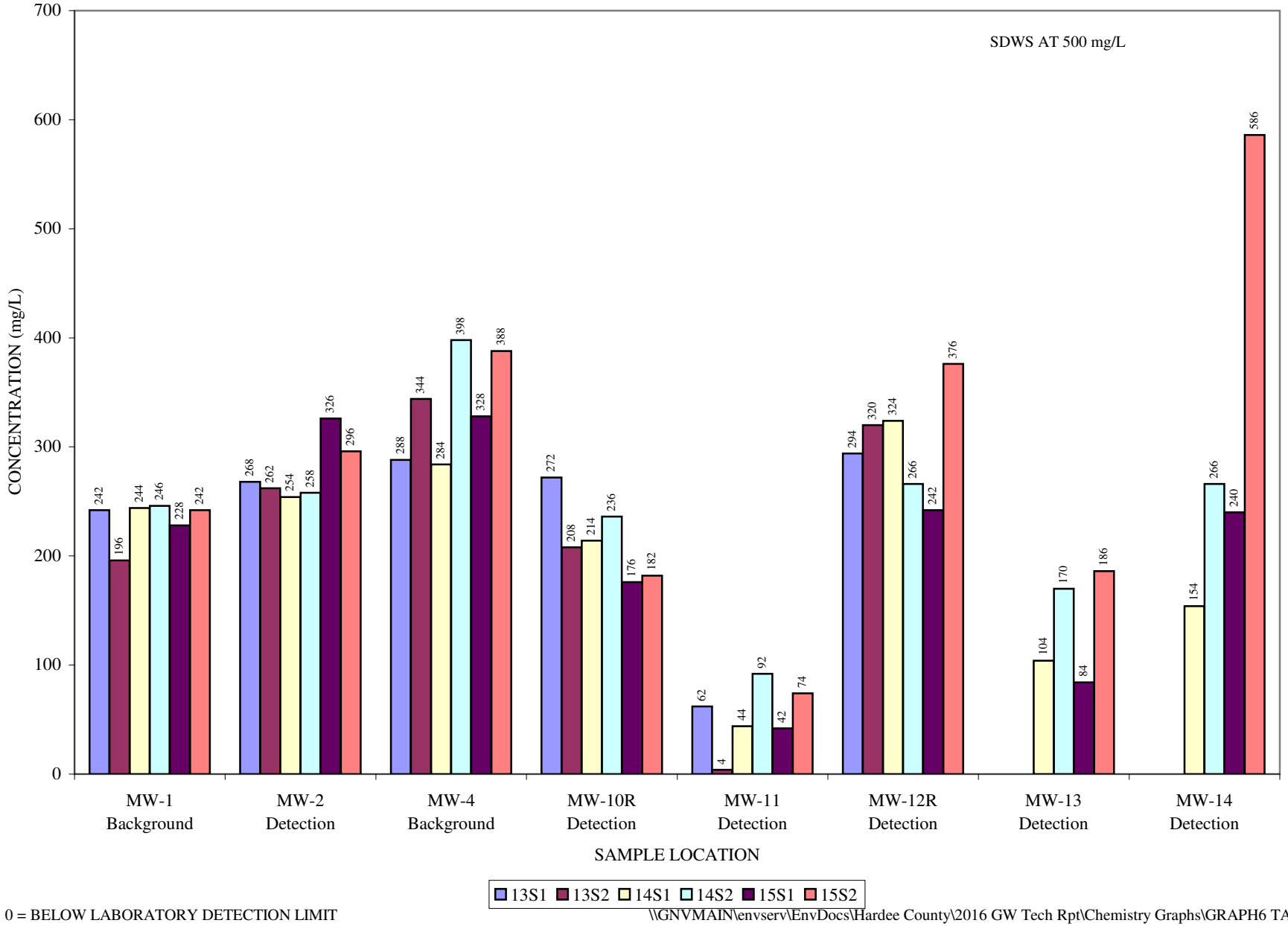
TOTAL DISSOLVED SOLIDS

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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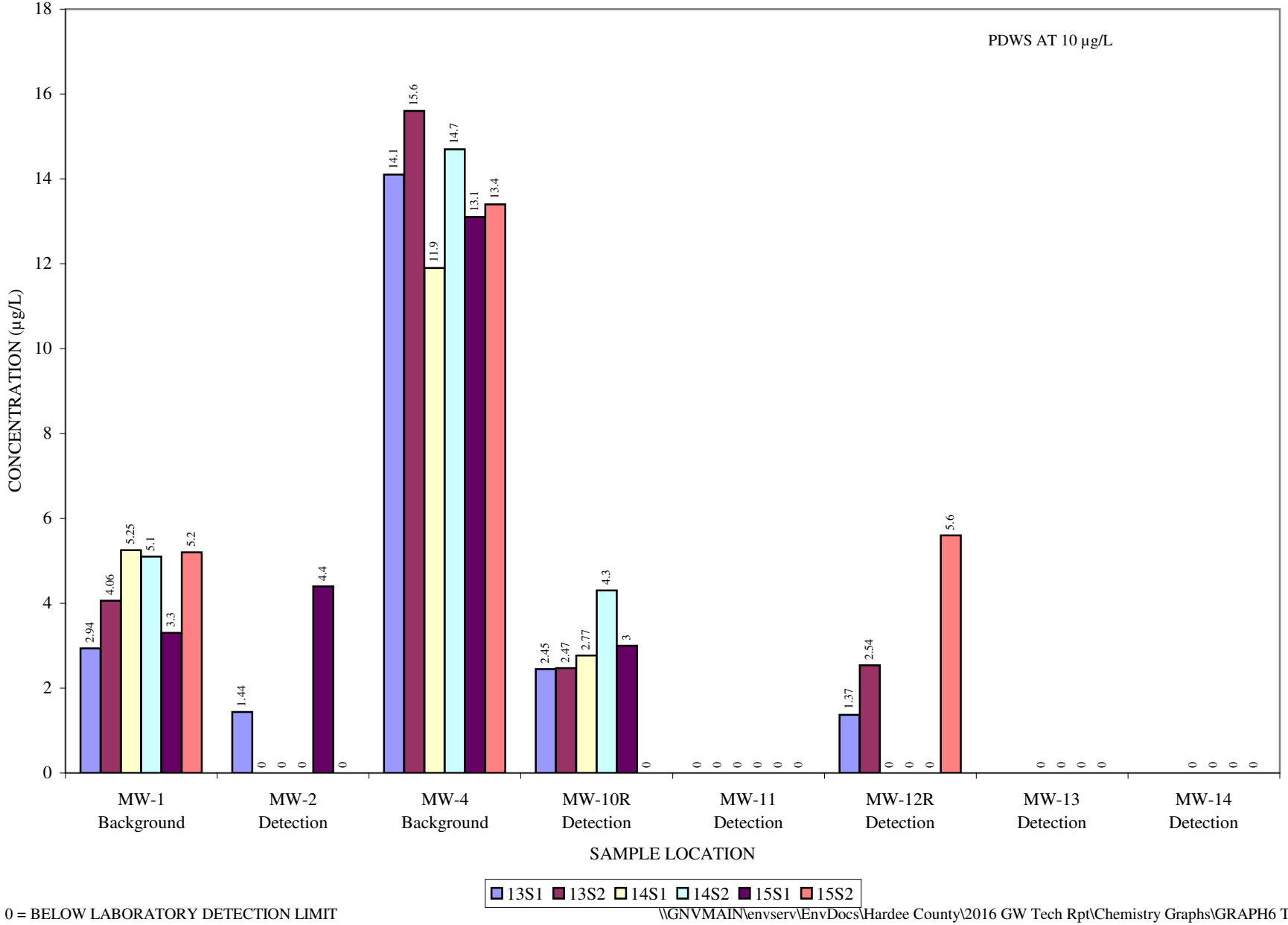
ARSENIC

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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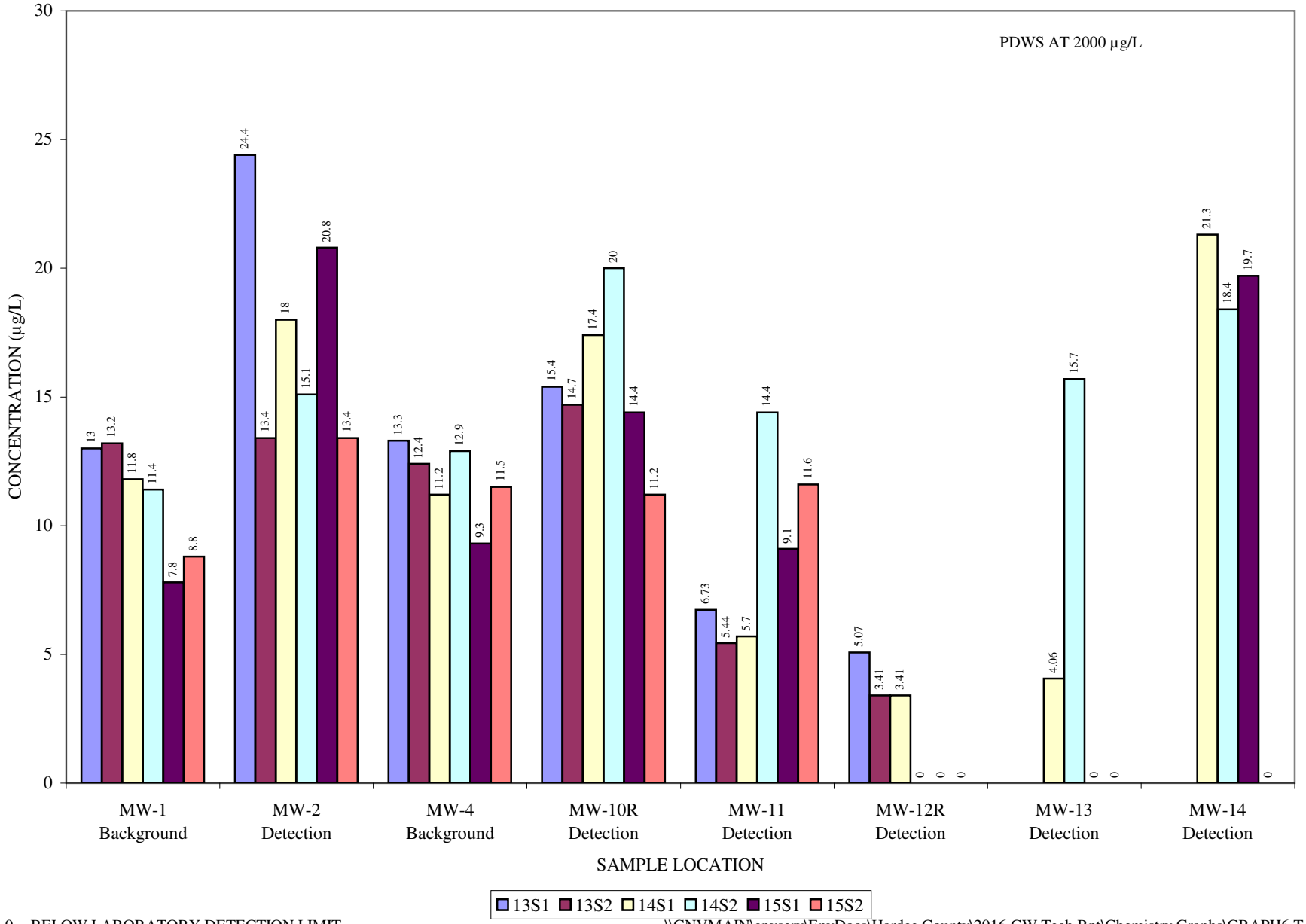
BARIUM

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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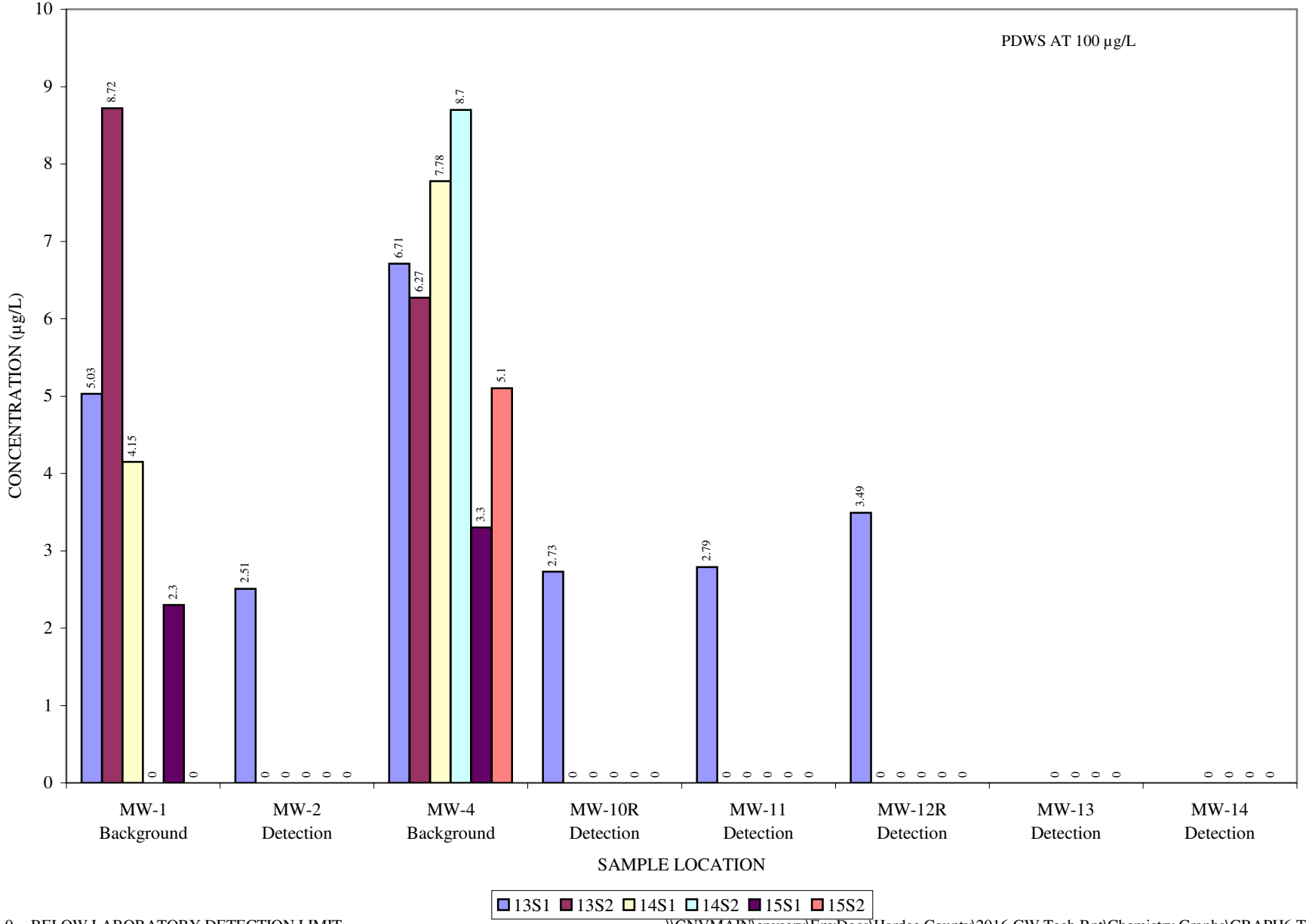
CHROMIUM

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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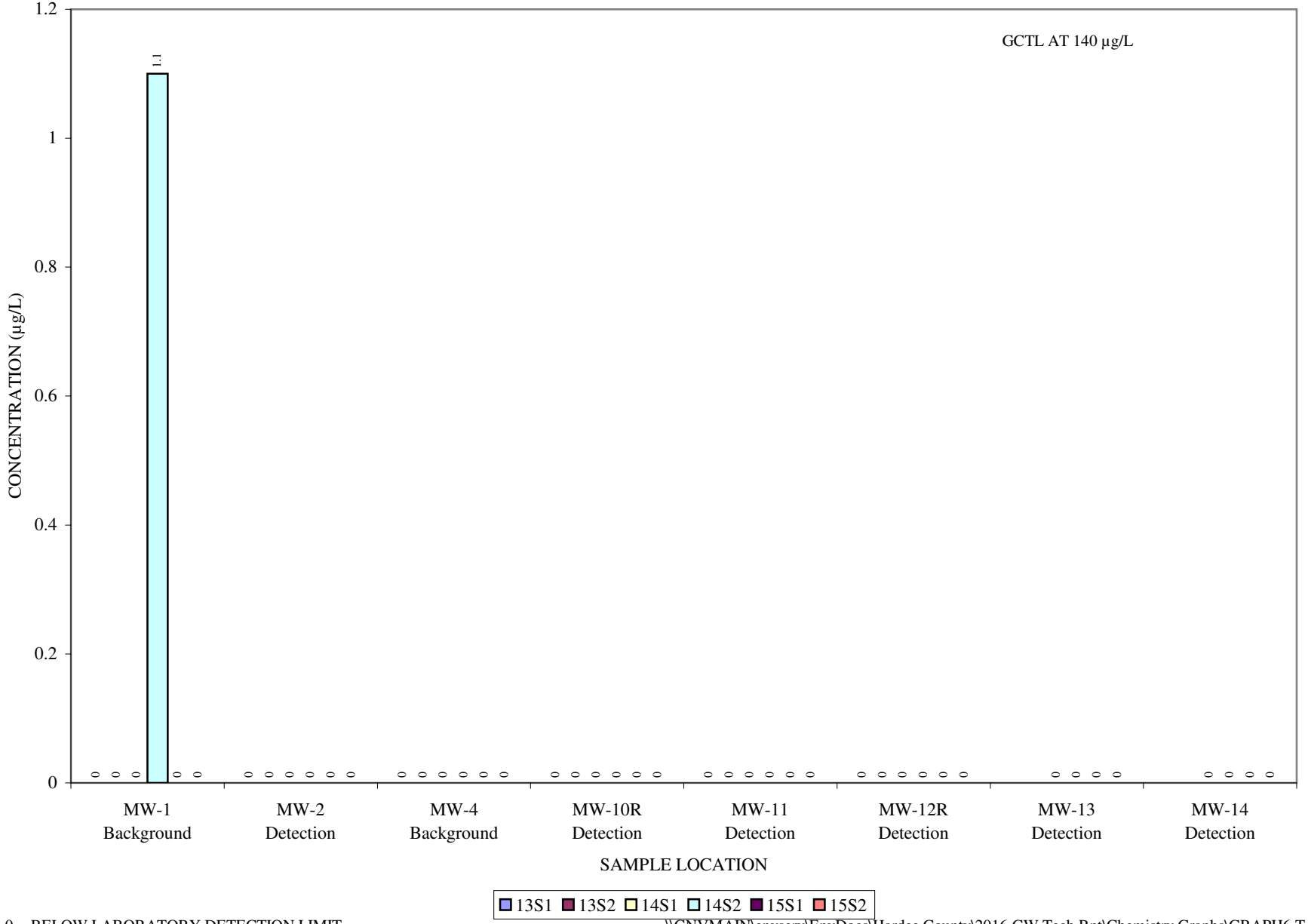
COBALT

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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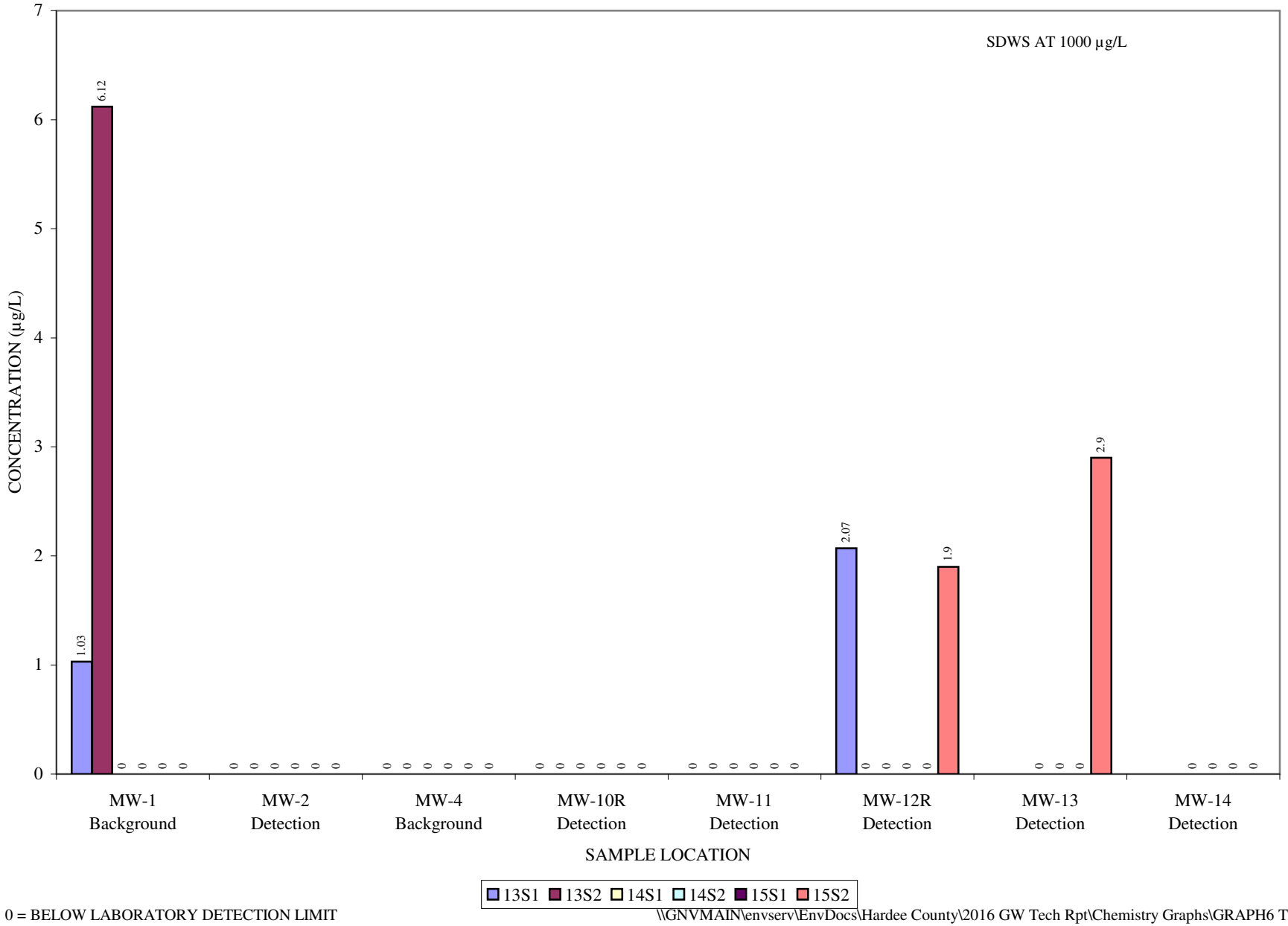
COPPER

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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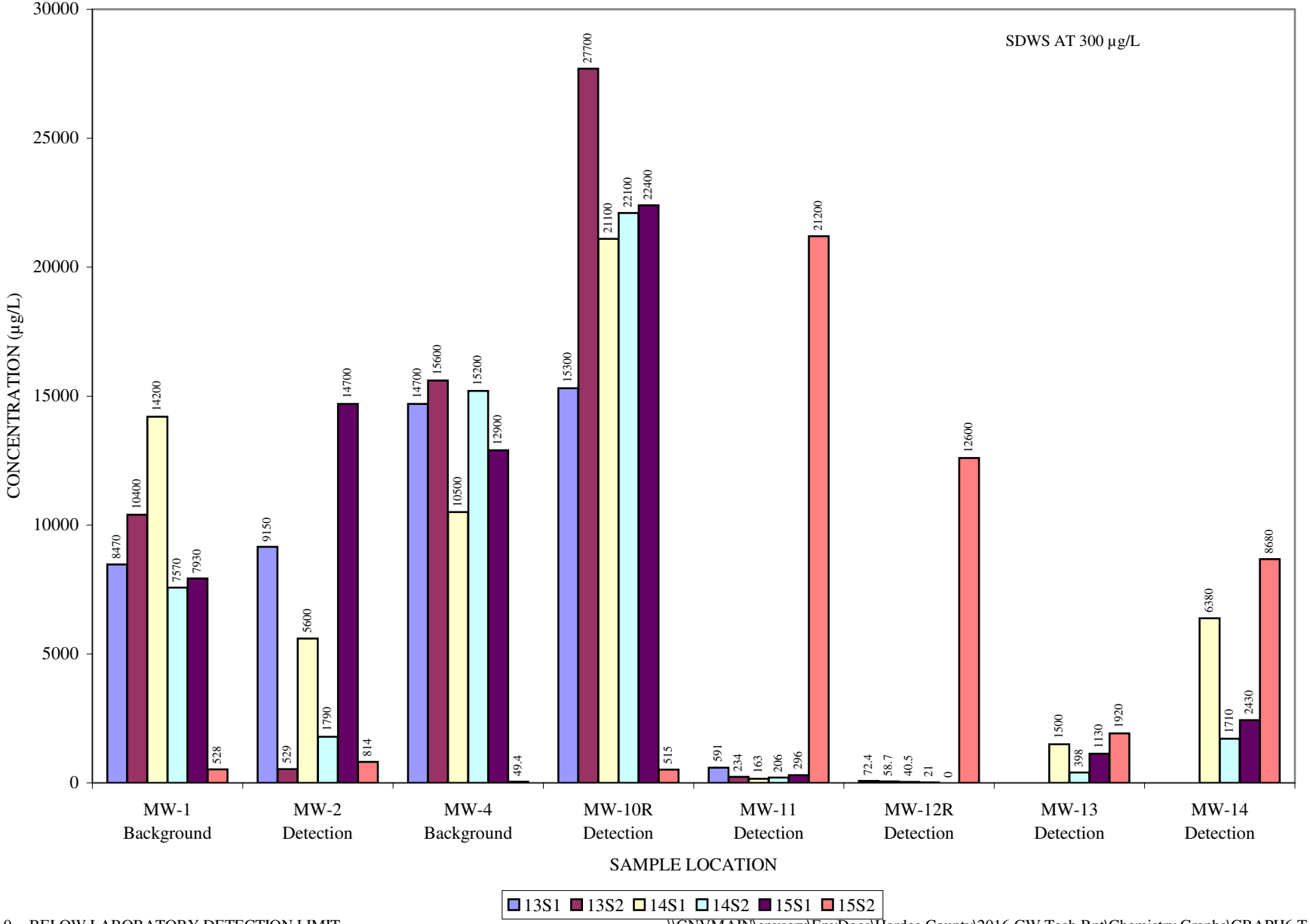
IRON

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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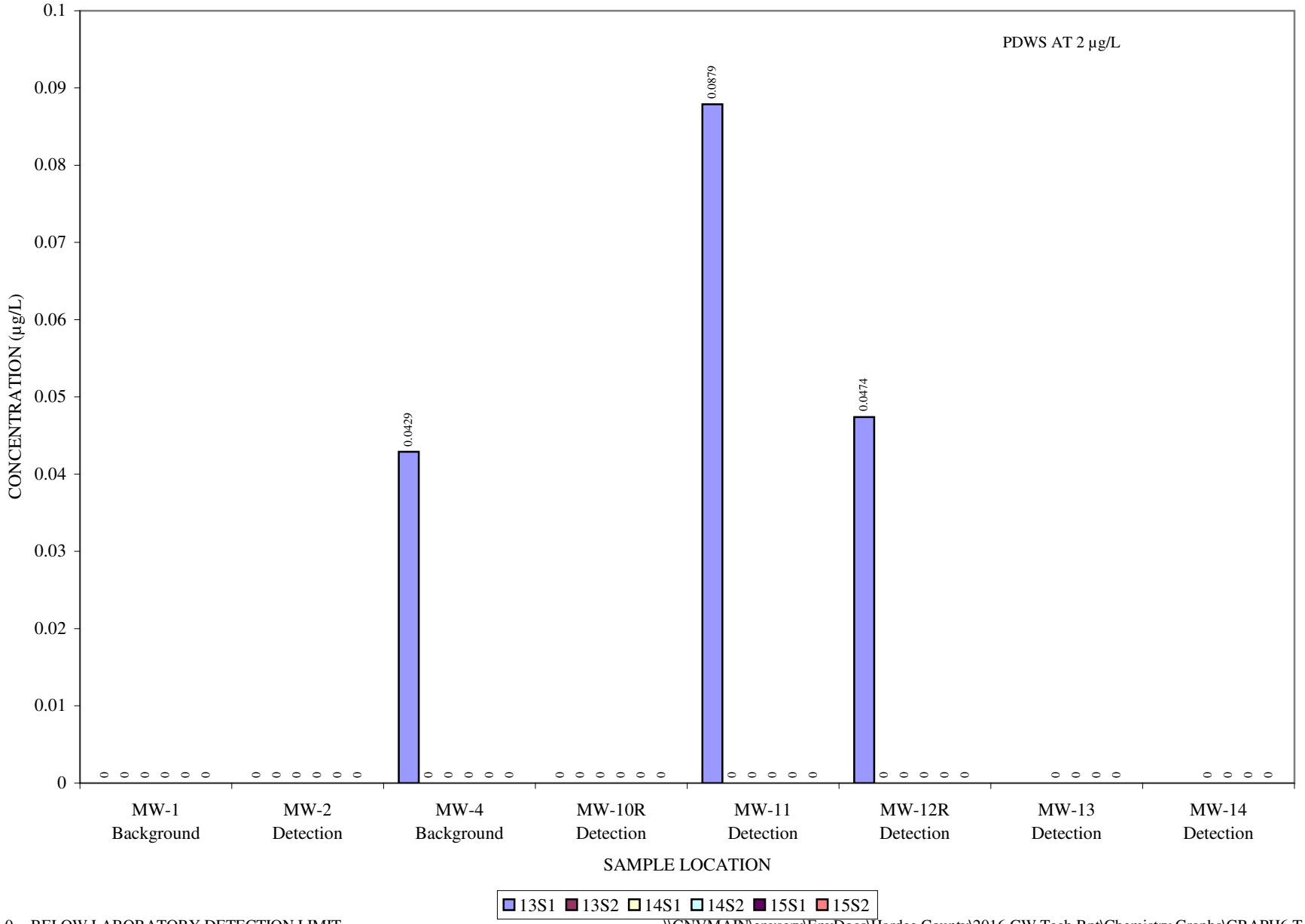
\\GNVMAIN\envserv\EnvDocs\Hardee County\2016 GW Tech Rpt\Chemistry Graphs\GRAPH6 TABLE:FE

MERCURY

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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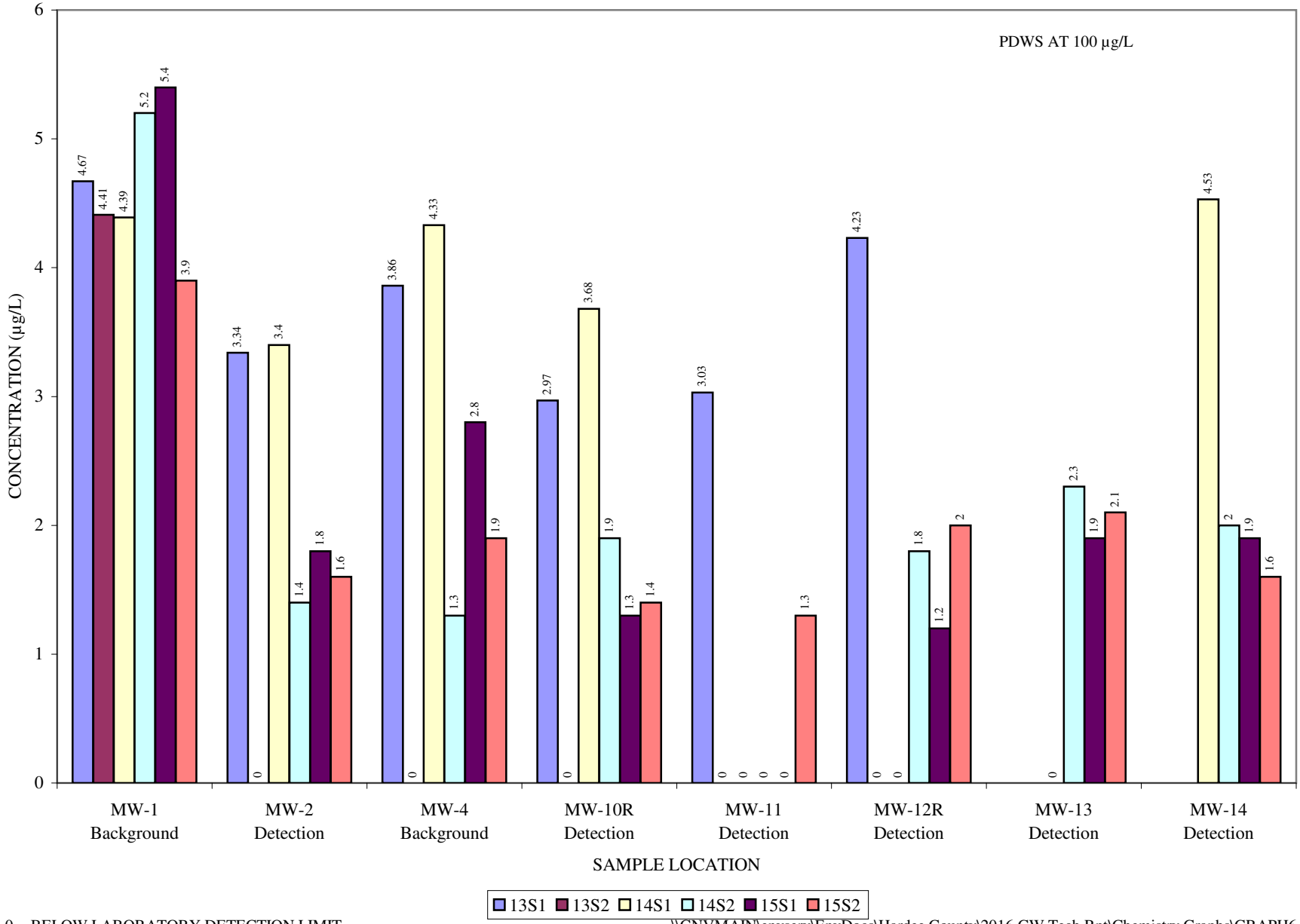
NICKEL

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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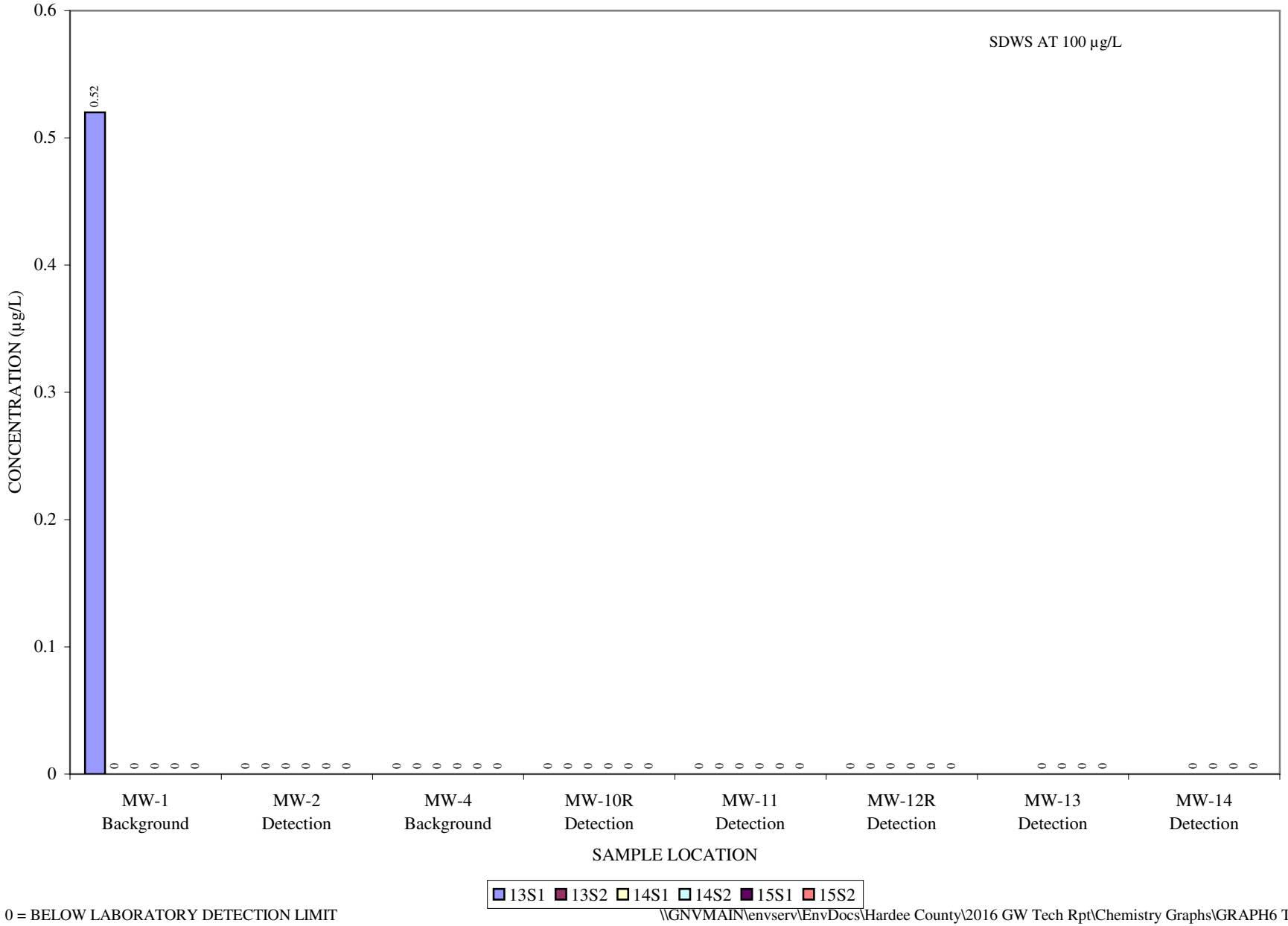
SILVER

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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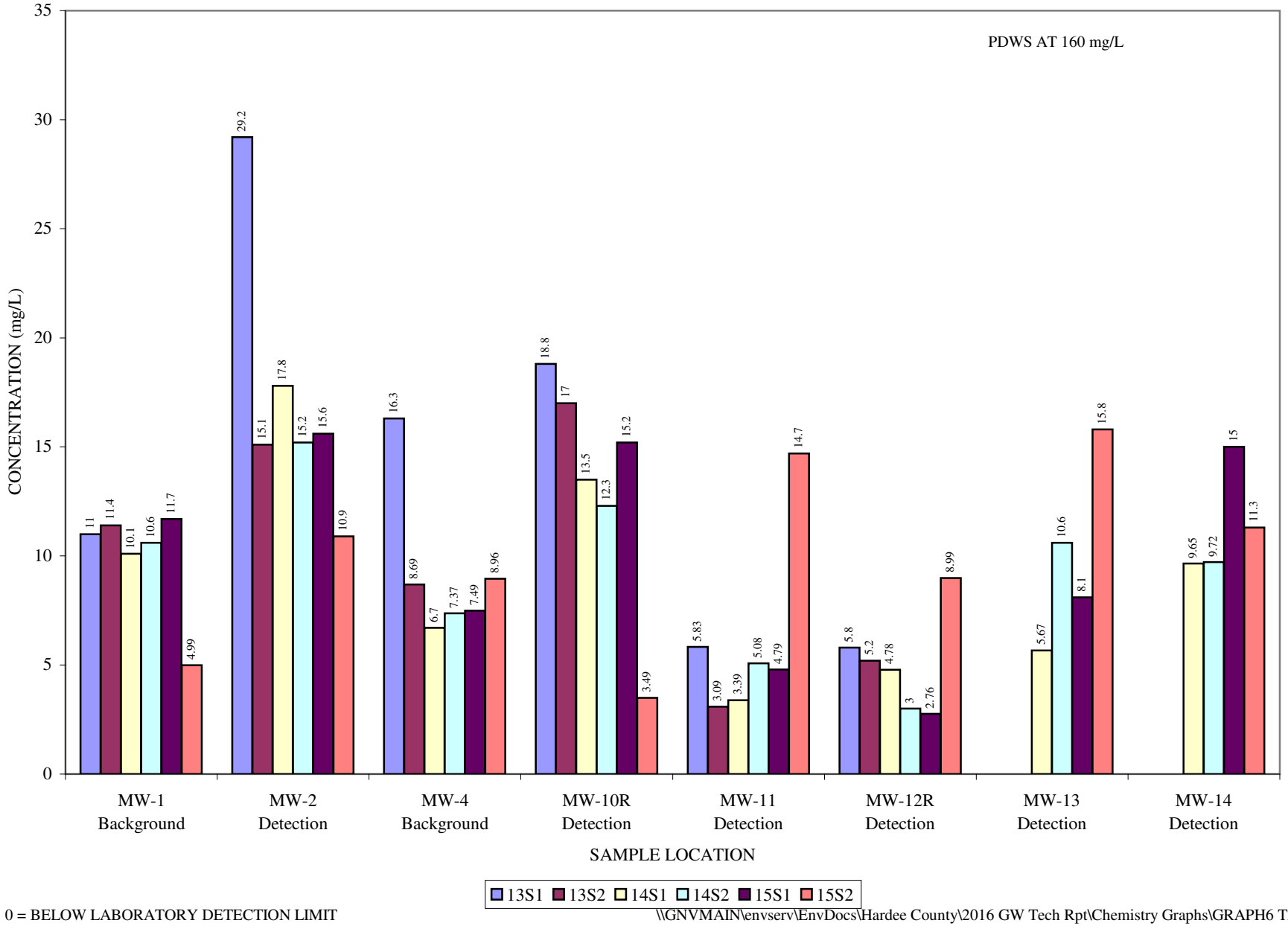
SODIUM

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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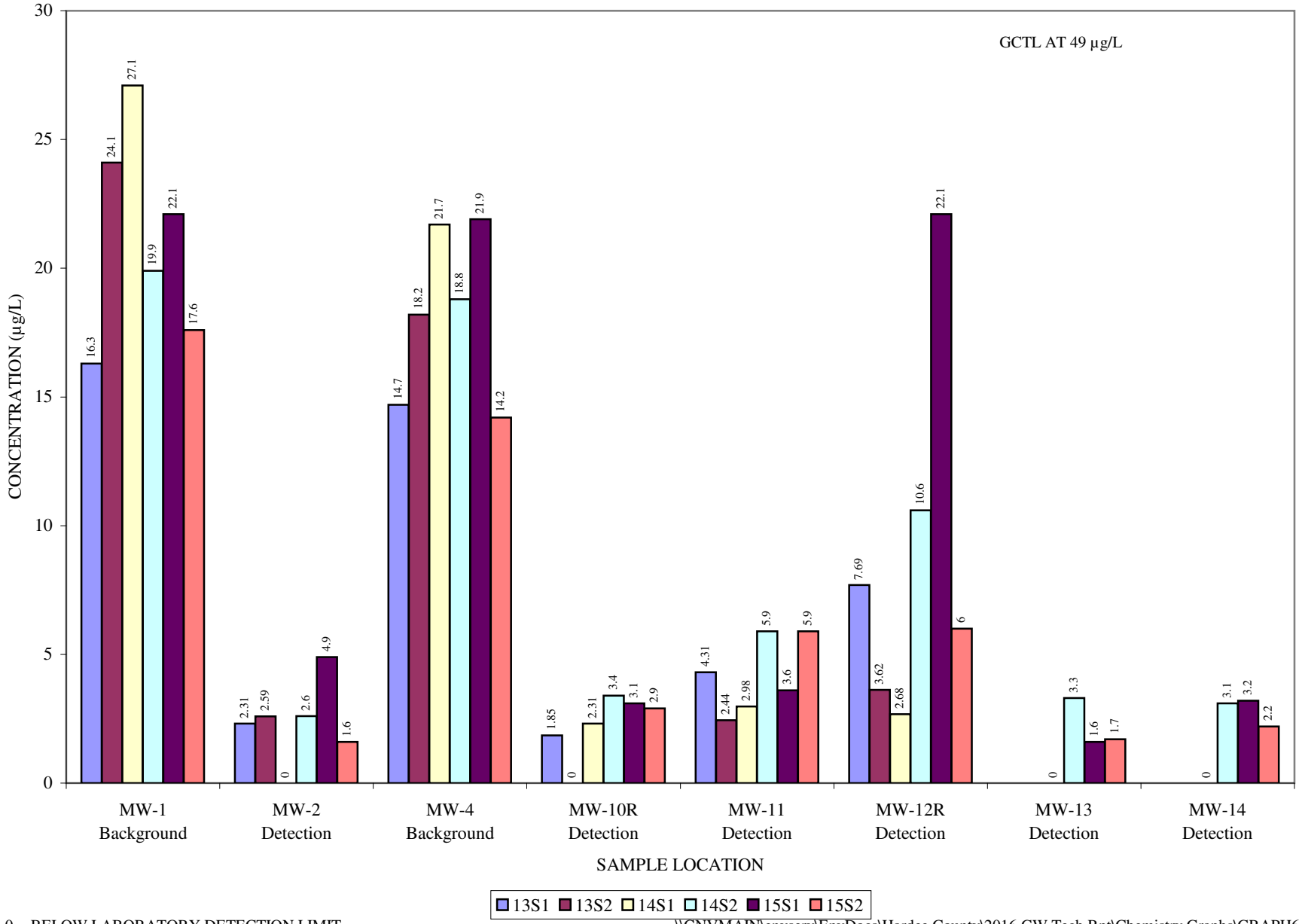
\\GNVMAIN\envserv\EnvDocs\Hardee County\2016 GW Tech Rpt\Chemistry Graphs\GRAPH6 TABLE:NA

VANADIUM

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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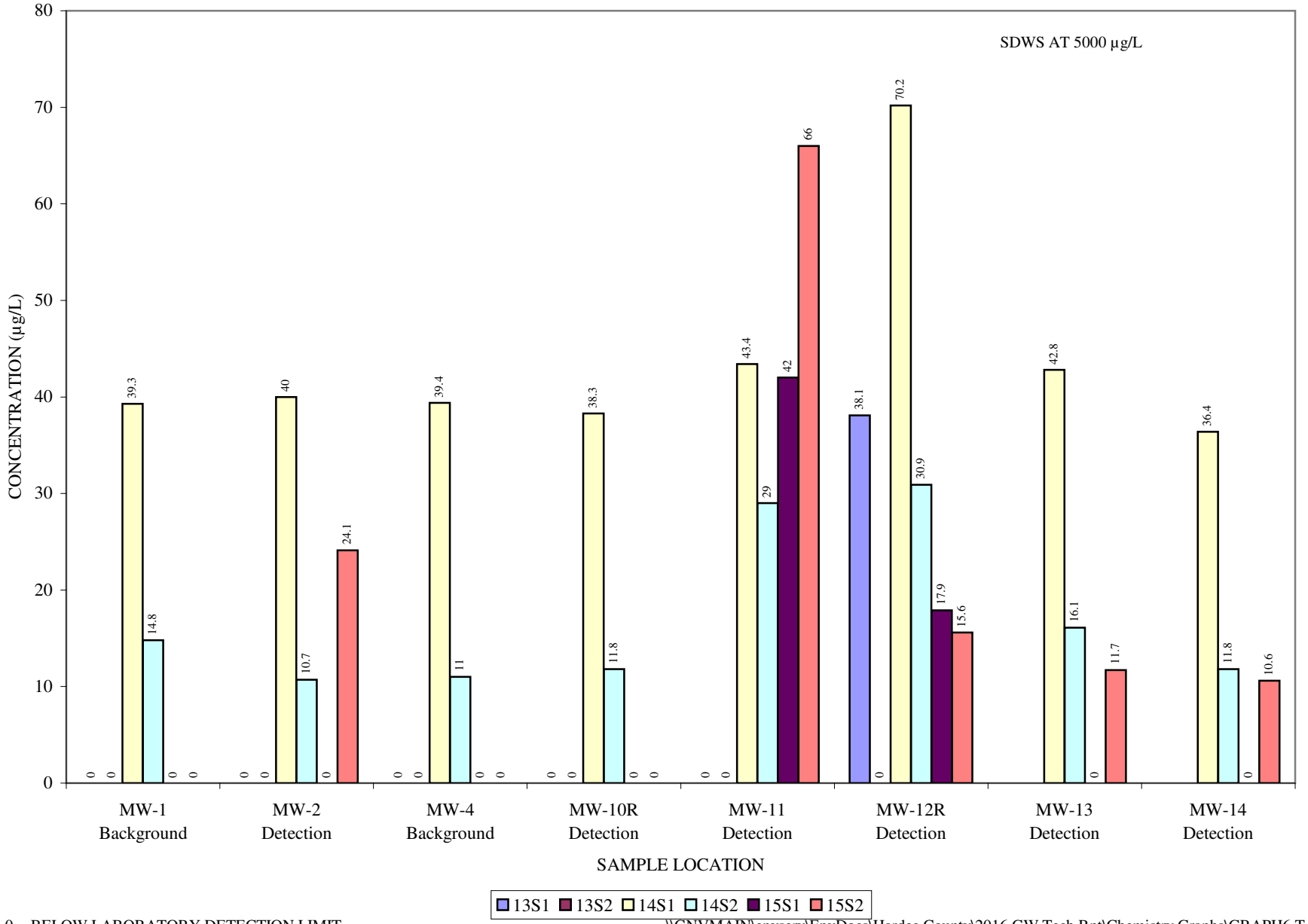
\\GNVMAIN\envserv\EnvDocs\Hardee County\2016 GW Tech Rpt\Chemistry Graphs\GRAPH6 TABLE:V

ZINC

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



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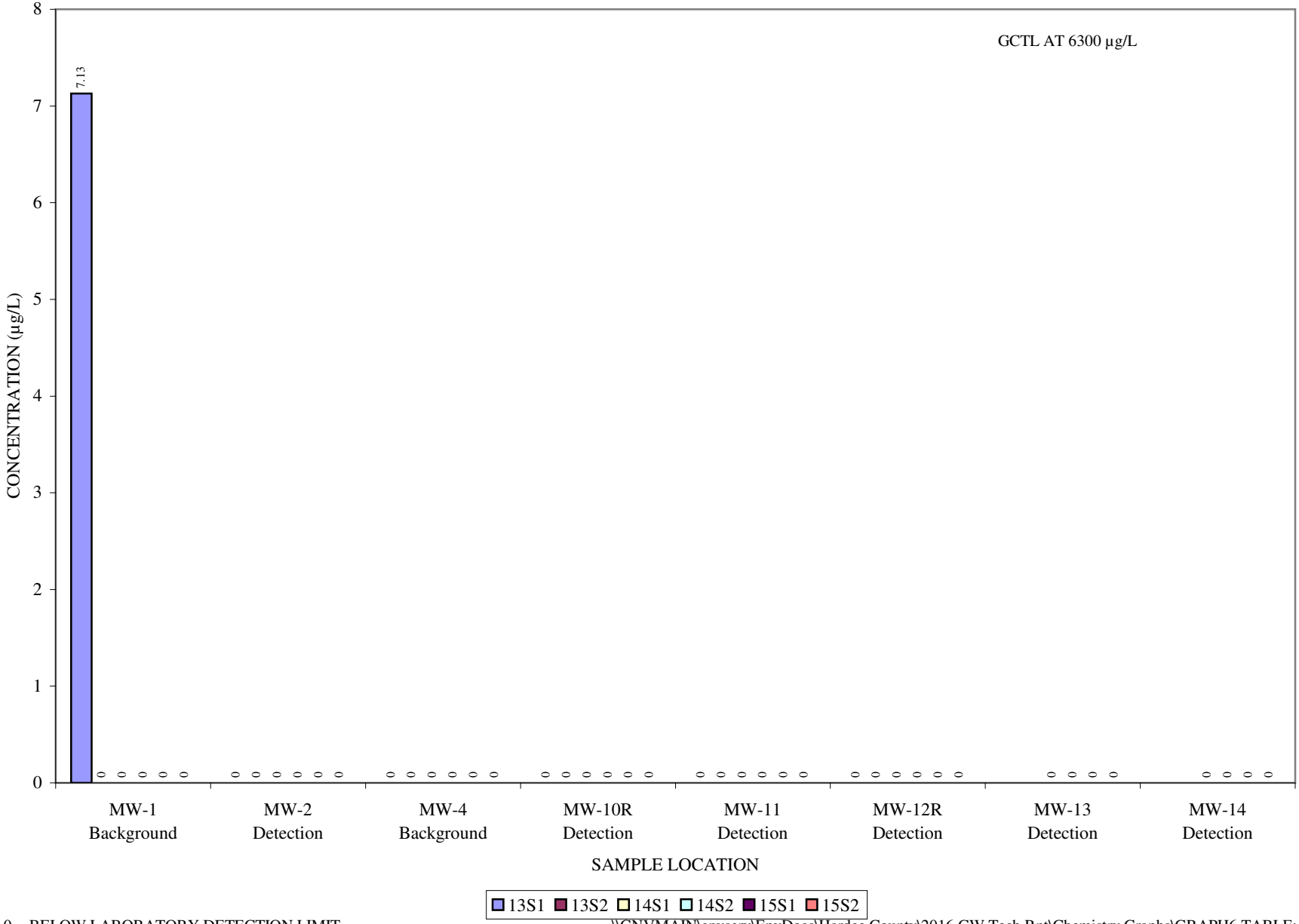
\\GNVMAIN\envserv\EnvDocs\Hardee County\2016 GW Tech Rpt\Chemistry Graphs\GRAPH6 TABLE:ZN

ACETONE

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH

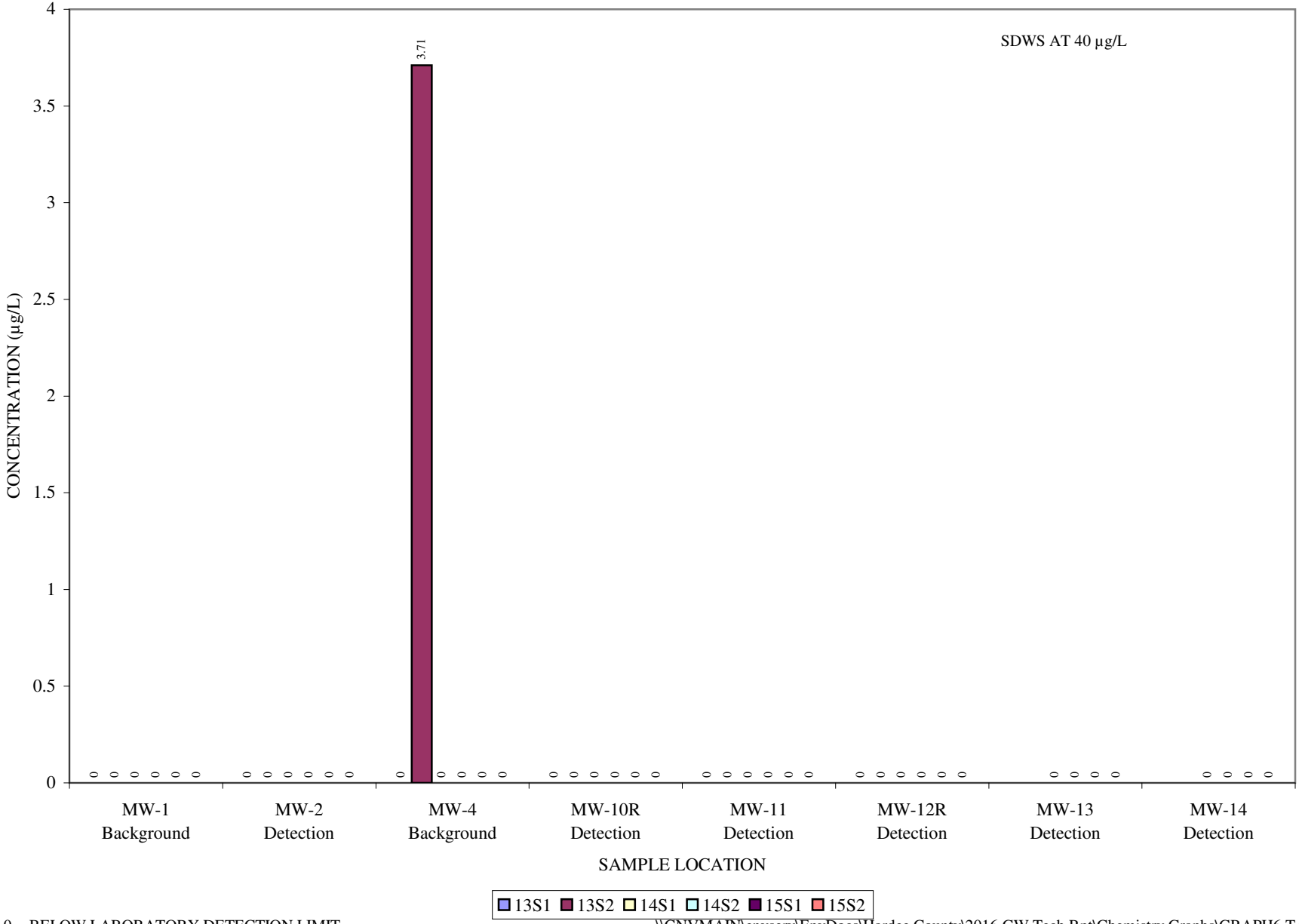


0 = BELOW LABORATORY DETECTION LIMIT

\\GNVMAIN\envserv\EnvDocs\Hardee County\2016 GW Tech Rpt\Chemistry Graphs\GRAPH6 TABLE:ACETONE

TOLUENE

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH

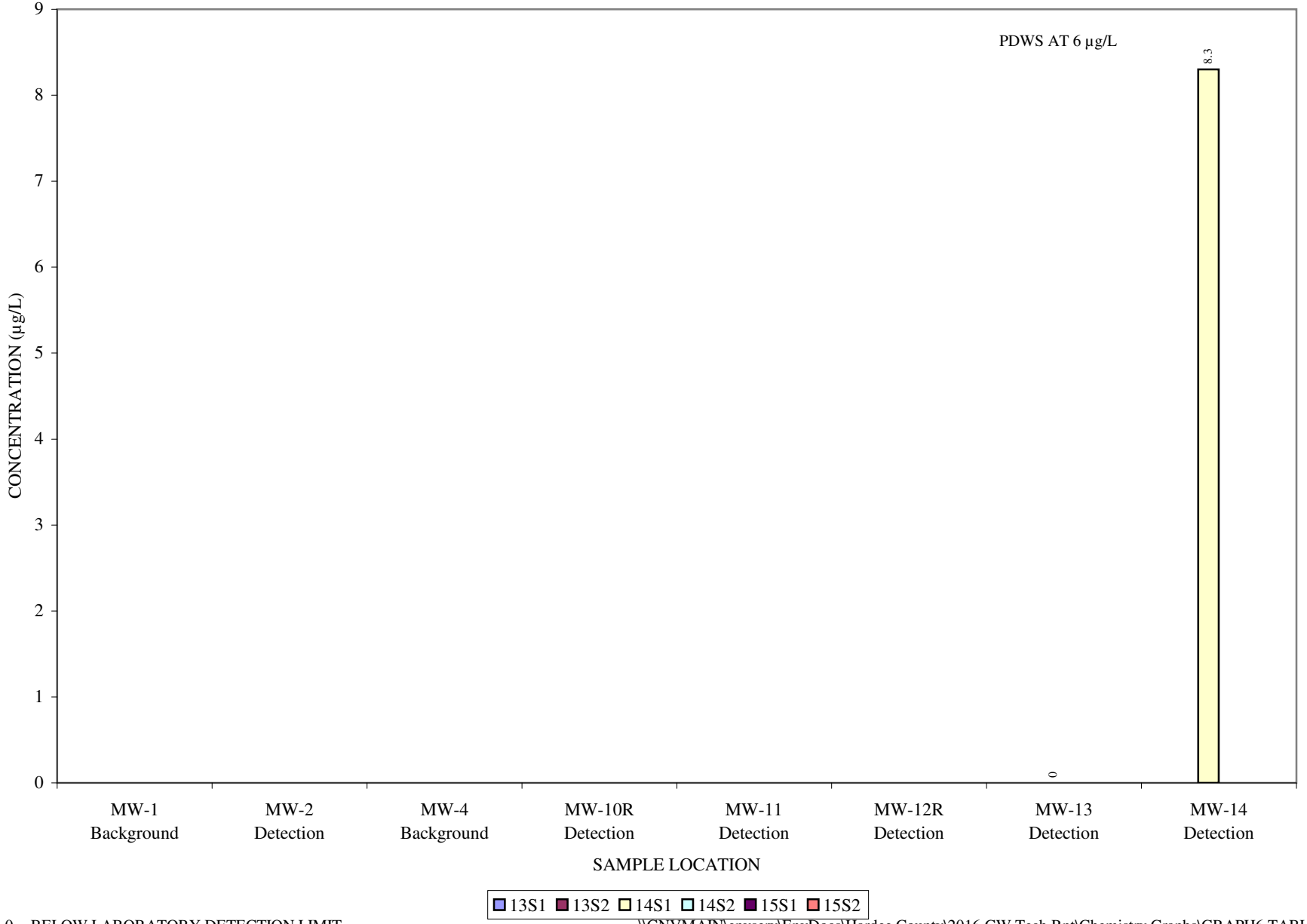


0 = BELOW LABORATORY DETECTION LIMIT

\\GNVMAIN\envserv\EnvDocs\Hardee County\2016 GW Tech Rpt\Chemistry Graphs\GRAPH6 TABLE:TOL

BIS (2-ETHYLHEXYL) PHTHALATE

HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER CHEMISTRY GRAPH



0 = BELOW LABORATORY DETECTION LIMIT

\\GNVMAIN\envserv\EnvDocs\Hardee County\2016 GW Tech Rpt\Chemistry Graphs\GRAPH6 TABLE:B2EHP

ATTACHMENT 7

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		CONDUC-TIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	GROUND-WATER ELEVATION	pH (FIELD)	TEMPER-ATURE (FIELD)	TURBIDITY (FIELD)	AMMONIA NITROGEN	CHLORIDE	CYANIDE	NITRATE NITROGEN	TOTAL DISSOLVED SOLIDS	ANTIMONY	ARSENIC	BARIUM
STANDARD UNITS		(1) uS/cm	(1) ppm	(1) ft, NGVD	6.5-8.5 S.U.** S.U.	(1) deg C	(1) NTU	2.8 mg/L*** mg/L	250 mg/L** mg/L	0.2 mg/L* mg/L	10 mg/L* mg/L	500 mg/L** mg/L	6 µg/L* µg/L	10 µg/L* µg/L	2000 µg/L* µg/L
Background															
MW-1	06/21/2013	127	0.73	83.62	4.39	28.9	41	<0.01	8.35	-	0.192	242	<2	2.94	13
MW-1	12/26/2013	179	2.51	81.0	4.28	24.2	2.36	<0.01	10.8	-	0.0367	196	<2	4.06	13.2
MW-1	06/11/2014	184	0.5	82.2	5.14	25.7	6.45	0.454	16.7	-	0.0267	244	<2	5.25	11.8
MW-1	12/22/2014	171	0.62	82.3	4.23	22.4	10	0.262	23.6	-	0.0901	246	<2	5.1	11.4
MW-1	05/20/2015	182	0.846	81.1	5.34	25.3	6.7	<0.01	22.1	-	<0.2	228	<2	3.3	7.8
MW-1	12/17/2015	150	0.91	81.7	4.77	24.4	11.3	0.186	19.2	-	<0.01	242	<2	5.2	8.8
MW-4	06/21/2013	275	0.91	81.11	5.82	24.3	3.2	0.03	15.4	-	0.0433	288	<2	14.1	13.3
MW-4	12/26/2013	460	0.2	79.5	6.3	24.3	2.63	<0.01	7.67	-	<0.01	344	<2	15.6	12.4
MW-4	06/11/2014	290	1.22	79.3	6.23	22.9	4.05	0.146	10.3	-	0.0131	284	<2	11.9	11.2
MW-4	12/22/2014	394	0.55	81.7	6.1	22.8	5.0	0.251	15.9	-	<0.01	398	<2	14.7	12.9
MW-4	05/20/2015	290	0.972	79.2	6.61	23.3	6.16	0.223	16.8	-	<0.2	328	<2	13.1	9.3
MW-4	12/17/2015	431	0.65	81.1	6.43	24.2	8.0	0.161	16.9	-	<0.01	388	<2	13.4	11.5
Detection															
MW-2	06/21/2013	418	0.38	79.79	6.52	27.1	2.5	<0.01	11.2	-	0.0861	268	<2	1.44 I	24.4
MW-2	12/26/2013	498	0.46	78.1	6.87	24.4	2.45	<0.01	17.1	-	0.321	262	<2	<1	13.4
MW-2	06/11/2014	400	1.43	78.0	6.74	24.8	1.71	0.286	13.1	-	<0.01	254	<2	<1	18
MW-2	12/22/2014	393	0.88	80.0	6.78	22.1	17.5	0.267	8.22	-	0.531	258	<2	<1	15.1
MW-2	05/20/2015	507	1.24	78.2	7.35	26.0	13.3	0.178	24.8	-	<0.2	326	<2	4.4	20.8
MW-2	12/17/2015	471	1.35	79.4	7.02	23.7	10.5	<0.01	28.2	-	0.0778	296	<2	<1	13.4
MW-10R	06/21/2013	394	0.68	79.91	5.86	25.8	1.9	0.138	17.3	-	0.0711	272	<2	2.45	15.4
MW-10R	12/26/2013	384	0.22	78.8	5.92	24.6	1.74	<0.01	11.4	-	0.031	208	<2	2.47	14.7
MW-10R	06/11/2014	312	0.69	78.7	5.99	25.3	2.45	0.347	19.8	-	0.0493	214	<2	2.77	17.4
MW-10R	12/22/2014	363	0.21	80.6	5.95	23.0	12	0.63	14.4	-	0.0242	236	<2	4.3	20
MW-10R	05/20/2015	297	1.2	79.2	6.19	24.8	19.7	0.431	14.6	-	<0.2	176	<2	3	14.4
MW-10R	12/17/2015	299	0.57	81.7	5.69	24.7	5.0	0.593	14.7	-	<0.01	182	<2	<1	11.2
MW-11	06/21/2013	39.0	0.56	80.22	4.68	26.5	1.52	<0.01	4.11	-	<0.01	62	<2	<1	6.73
MW-11	12/26/2013	40	1.49	78.6	4.79	23.8	3.88	<0.01	<4	-	0.0384	4	<2	<1	5.44
MW-11	06/11/2014	42	0.8	78.3	4.86	25.3	5.21	<0.01	<4	-	<0.01	44	<2	<1	5.7
MW-11	12/22/2014	54	1.6	80.4	4.4	23.4	28	<0.01	4.86	-	<0.01	92	<2	<1	14.4
MW-11	05/20/2015	67	0.846	79.6	5.23	25.1	10	<0.01	4.13	-	<0.2	42	<2	<1	9.1
MW-11	12/17/2015	50	0.54	82.4	4.45	24.4	18.7	<0.01	5.2	-	0.0867	74	<2	<1	11.6
MW-12R	06/21/2013	377	1.01	79.46	6.28	27.2	5.5	<0.01	<4	-	1.3	294	<2	1.37 I	5.07
MW-12R	12/26/2013	512	1.39	78.7	6.2	25.0	1.43	<0.01	<4	-	0.0191	320	<2	2.54	3.41
MW-12R	06/11/2014	433	0.66	78.6	6.56	26.1	2.88	0.0318	9.28	-	<0.01	324	<2	<1	3.41
MW-12R	12/22/2014	390	1.5	80.6	6.69	21.8	1.0	0.16	<4	-	0.772	266	<2	<1	<2

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STANDARD UNITS		(1) uS/cm	(1) ppm	(1) ft, NGVD	6.5-8.5 S.U.** S.U.	(1) deg C	(1) NTU	2.8 mg/L*** mg/L	250 mg/L** mg/L	0.2 mg/L* mg/L	10 mg/L* mg/L	500 mg/L** mg/L	6 µg/L* µg/L	10 µg/L* µg/L	2000 µg/L* µg/L
MW-12R	05/20/2015	390	1.49	78.6	7.34	25.6	6.3	<0.01	6.96	-	0.448	242	<2	<1	<2
MW-12R	12/17/2015	551	0.91	81.5	6.51	24.0	4.8	0.0938	14.2	-	0.0384	376	<2	5.6	<2
MW-13	06/12/2014	113	0.67	78.6	5.37	25.7	3.45	<0.01	17.8	<0.005	0.0327	104	<2	<1	4.06
MW-13	12/22/2014	256	0.59	81.1	5.02	22.2	2.5	<0.01	30	-	1.4	170	<2	<1	15.7
MW-13	05/20/2015	135	1.22	77.8	5.41	25.1	8.45	<0.01	7.88	-	<0.2	84	<2	<1	<2
MW-13	12/17/2015	218	0.46	81.2	5.65	24.6	5.35	0.256	12.1	-	0.174	186	<2	<1	<2
MW-14	06/12/2014	201	1.07	78.2	4.54	23.6	0.75	0.255	36.9	<0.005	<0.01	154	<2	<1	21.3
MW-14	12/22/2014	395	1.47	80.9	5.55	22.9	3.4	0.0427	25	-	2.32	266	<2	<1	18.4
MW-14	05/20/2015	332	1.52	80.0	6.03	25.6	8.7	0.0733	38.5	-	0.347	240	<2	<1	19.7
MW-14	12/17/2015	814	0.65	82.6	6.49	24.0	9.29	1.01	8.93	-	0.182	586	<2	<1	<2

LEGEND

* =Primary Drinking Water Standard
** =Secondary Drinking Water Standard
*** =Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)
(1) =No Standard
\- =Not Analyzed

I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MERCURY	NICKEL	SELENIUM	SILVER	SODIUM	THALLIUM	TIN
STANDARD		4 µg/L*	5 µg/L*	100 µg/L*	140µg/L***	1000 µg/L**	300 µg/L**	15 µg/L*	2 µg/L*	100 µg/L*	50 µg/L*	100 µg/L**	160 mg/L*	2 µg/L*	4200 µg/L***
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L
Background															
MW-1	06/21/2013	<0.5	<1	5.03	<1	1.03 I	8470	<1	<0.02	4.67	<2	0.52 I	11	<1	-
MW-1	12/26/2013	<0.5	<1	8.72	<1	6.12	10400	<1	<0.02	4.41	<2	<0.5	11.4	<1	-
MW-1	06/11/2014	<0.5	<1	4.15	<1	<1	14200	<1	<0.02	4.39	<2	<0.5	10.1	<1	-
MW-1	12/22/2014	<0.5	<1	<1	1.1 I	<1	7570	<1	<0.02	5.2	<2	<0.5	10.6	<1	-
MW-1	05/20/2015	<0.5	<1	2.3	<1	<1	7930	<1	<0.02	5.4	<2	<0.5	11.7	<1	-
MW-1	12/17/2015	<0.5	<1	<1	<1	<1	528	<1	<0.02	3.9	<2	<0.5	4.99	<1	-
MW-4	06/21/2013	<0.5	<1	6.71	<1	<1	14700	<1	0.0429	3.86	<2	<0.5	16.3	<1	-
MW-4	12/26/2013	<0.5	<1	6.27	<1	<1	15600	<1	<0.02	<1	<2	<0.5	8.69	<1	-
MW-4	06/11/2014	<0.5	<1	7.78	<1	<1	10500	<1	<0.02	4.33	<2	<0.5	6.7	<1	-
MW-4	12/22/2014	<0.5	<1	8.7	<1	<1	15200	<1	<0.02	1.3 I	<2	<0.5	7.37	<1	-
MW-4	05/20/2015	<0.5	<1	3.3	<1	<1	12900	<1	<0.02	2.8	<2	<0.5	7.49	<1	-
MW-4	12/17/2015	<0.5	<1	5.1	<1	<1	49.4	<1	<0.02	1.9	<2	<0.5	8.96	<1	-
Detection															
MW-2	06/21/2013	<0.5	<1	2.51	<1	<1	9150	<1	<0.02	3.34	<2	<0.5	29.2	<1	-
MW-2	12/26/2013	<0.5	<1	<1	<1	<1	529	<1	<0.02	<1	<2	<0.5	15.1	<1	-
MW-2	06/11/2014	<0.5	<1	<1	<1	<1	5600	<1	<0.02	3.4	<2	<0.5	17.8	<1	-
MW-2	12/22/2014	<0.5	<1	<1	<1	<1	1790	<1	<0.02	1.4 I	<2	<0.5	15.2	<1	-
MW-2	05/20/2015	<0.5	<1	<1	<1	<1	14700	<1	<0.02	1.8	<2	<0.5	15.6	<1	-
MW-2	12/17/2015	<0.5	<1	<1	<1	<1	814	<1	<0.02	1.6	<2	<0.5	10.9	<1	-
MW-10R	06/21/2013	<0.5	<1	2.73	<1	<1	15300	<1	<0.02	2.97	<2	<0.5	18.8	<1	-
MW-10R	12/26/2013	<0.5	<1	<1	<1	<1	27700	<1	<0.02	<1	<2	<0.5	17	<1	-
MW-10R	06/11/2014	<0.5	<1	<1	<1	<1	21100	<1	<0.02	3.68	<2	<0.5	13.5	<1	-
MW-10R	12/22/2014	<0.5	<1	<1	<1	<1	22100	<1	<0.02	1.9 I	<2	<0.5	12.3	<1	-
MW-10R	05/20/2015	<0.5	<1	<1	<1	<1	22400	<1	<0.02	1.3	<2	<0.5	15.2	<1	-
MW-10R	12/17/2015	<0.5	<1	<1	<1	<1	515	<1	<0.02	1.4	<2	<0.5	3.49	<1	-
MW-11	06/21/2013	<0.5	<1	2.79	<1	<1	591	<1	0.0879	3.03	<2	<0.5	5.83	<1	-
MW-11	12/26/2013	<0.5	<1	<1	<1	<1	234	<1	<0.02	<1	<2	<0.5	3.09	<1	-
MW-11	06/11/2014	<0.5	<1	<1	<1	<1	163	<1	<0.02	<1	<2	<0.5	3.39	<1	-
MW-11	12/22/2014	<0.5	<1	<1	<1	<1	206	<1	<0.02	<1	<2	<0.5	5.08	<1	-
MW-11	05/20/2015	<0.5	<1	<1	<1	<1	296	<1	<0.02	<1	<2	<0.5	4.79	<1	-
MW-11	12/17/2015	<0.5	<1	<1	<1	<1	21200	<1	<0.02	1.3	<2	<0.5	14.7	<1	-
MW-12R	06/21/2013	<0.5	<1	3.49	<1	2.07	72.4	<1	0.0474	4.23	<2	<0.5	5.8	<1	-
MW-12R	12/26/2013	<0.5	<1	<1	<1	<1	58.7	<1	<0.02	<1	<2	<0.5	5.2	<1	-
MW-12R	06/11/2014	<0.5	<1	<1	<1	<1	40.5 V	<1	<0.02	<1	<2	<0.5	4.78	<1	-
MW-12R	12/22/2014	<0.5	<1	<1	<1	<1	21	<1	<0.02	1.8 I	<2	<0.5	3	<1	-

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PARAMETER		BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MERCURY	NICKEL	SELENIUM	SILVER	SODIUM	THALLIUM	TIN
STANDARD UNITS		4 µg/L* µg/L	5 µg/L* µg/L	100 µg/L* µg/L	140µg/L*** µg/L	1000 µg/L** µg/L	300 µg/L** µg/L	15 µg/L* µg/L	2 µg/L* µg/L	100 µg/L* µg/L	50 µg/L* µg/L	100 µg/L** µg/L	160 mg/L* mg/L	2 µg/L* µg/L	4200 µg/L*** µg/L
MW-12R	05/20/2015	<0.5	<1	<1	<1	<1	<10	<1	<0.02	1.2	<2	<0.5	2.76	<1	-
MW-12R	12/17/2015	<0.5	<1	<1	<1	1.9	12600	<1	<0.02	2	<2	<0.5	8.99	<1	-
MW-13	06/12/2014	<0.5	<1	<1	<1	<1	1500	<1	<0.02	<1	<2	<0.5	5.67	<1	<5
MW-13	12/22/2014	<0.5	<1	<1	<1	<1	398	<1	<0.02	2.3	<2	<0.5	10.6	<1	-
MW-13	05/20/2015	<0.5	<1	<1	<1	<1	1130	<1	<0.02	1.9	<2	<0.5	8.1	<1	-
MW-13	12/17/2015	<0.5	<1	<1	<1	2.9	1920	<1	<0.02	2.1	<2	<0.5	15.8	<1	-
MW-14	06/12/2014	<0.5	<1	<1	<1	<1	6380	<1	<0.02	4.53	<2	<0.5	9.65	<1	<5
MW-14	12/22/2014	<0.5	<1	<1	<1	<1	1710	<1	<0.02	2	<2	<0.5	9.72	<1	-
MW-14	05/20/2015	<0.5	<1	<1	<1	<1	2430	<1	<0.02	1.9	<2	<0.5	15	<1	-
MW-14	12/17/2015	<0.5	<1	<1	<1	<1	8680	<1	<0.02	1.6	<2	<0.5	11.3	<1	-

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PARAMETER		VANADIUM	ZINC	1,1,1,2-TETRA-CHLORO-ETHANE	1,1,1-TRICHLORO-ETHANE	1,1,2,2-TETRA-CHLORO-ETHANE	1,1,2-TRICHLORO-ETHANE	1,1-DICHLORO-ETHANE	1,1-DICHLORO-ETHENE	1,1-DICHLORO-PROPENE	1,2,3-TRICHLORO-PROPANE	1,2-DIBROMO-3-CHLORO-PROPANE	1,2-DIBROMO-ETHANE (EDB)	1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE
STANDARD		49 µg/L***	5000 µg/L**	1.3 µg/L***	200 µg/L*	0.2 µg/L***	5 µg/L*	70 µg/L***	7 µg/L*	(1)	0.02 µg/L***	0.2 µg/L*	0.02 µg/L*	600 µg/L*	3 µg/L*
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Background															
MW-1	06/21/2013	16.3	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-1	12/26/2013	24.1	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-1	06/11/2014	27.1	39.3	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-1	12/22/2014	19.9	14.8 I	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.0197	<0.0197	<0.00986	<0.5	<0.5
MW-1	05/20/2015	22.1	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-1	12/17/2015	17.6	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-4	06/21/2013	14.7	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-4	12/26/2013	18.2	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-4	06/11/2014	21.7	39.4	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-4	12/22/2014	18.8	11.0 I	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.0187	<0.0187	<0.00934	<0.5	<0.5
MW-4	05/20/2015	21.9	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-4	12/17/2015	14.2	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
Detection															
MW-2	06/21/2013	2.31	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-2	12/26/2013	2.59	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-2	06/11/2014	<1	40	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-2	12/22/2014	2.6	10.7 I	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.019	<0.019	<0.00949	<0.5	<0.5
MW-2	05/20/2015	4.9	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-2	12/17/2015	1.6	24.1	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-10R	06/21/2013	1.85 I	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-10R	12/26/2013	<1	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-10R	06/11/2014	2.31	38.3	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-10R	12/22/2014	3.4	11.8 I	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.0192	<0.0192	<0.0096	<0.5	<0.5
MW-10R	05/20/2015	3.1	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-10R	12/17/2015	2.9	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-11	06/21/2013	4.31	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-11	12/26/2013	2.44	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-11	06/11/2014	2.98	43.4	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-11	12/22/2014	5.9	29	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.0198	<0.0198	<0.00989	<0.5	<0.5
MW-11	05/20/2015	3.6	42	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-11	12/17/2015	5.9	66	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-12R	06/21/2013	7.69	38.1	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-12R	12/26/2013	3.62	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-12R	06/11/2014	2.68	70.2	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-12R	12/22/2014	10.6	30.9	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.0193	<0.0193	<0.00963	<0.5	<0.5

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		VANADIUM	ZINC	1,1,1,2-TETRA-CHLORO-ETHANE	1,1,1-TRICHLORO-ETHANE	1,1,2,2-TETRA-CHLORO-ETHANE	1,1,2-TRICHLORO-ETHANE	1,1-DICHLORO-ETHANE	1,1-DICHLORO-ETHENE	1,1-DICHLORO-PROPENE	1,2,3-TRICHLORO-PROPANE	1,2-DIBROMO-3-CHLORO-PROPANE	1,2-DIBROMO-ETHANE (EDB)	1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE
STANDARD		49 µg/L***	5000 µg/L**	1.3 µg/L***	200 µg/L*	0.2 µg/L***	5 µg/L*	70 µg/L***	7 µg/L*	(1)	0.02 µg/L***	0.2 µg/L*	0.02 µg/L*	600 µg/L*	3 µg/L*
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-12R	05/20/2015	22.1	17.9	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-12R	12/17/2015	6	15.6	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-13	06/12/2014	<1	42.8	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.2	<0.02	<0.02	<0.01	<0.5	<0.5
MW-13	12/22/2014	3.3	16.1 I	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.0196	<0.0196	<0.0098	<0.5	<0.5
MW-13	05/20/2015	1.6	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-13	12/17/2015	1.7	11.7	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-14	06/12/2014	<1	36.4	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.2	<0.02	<0.02	<0.01	<0.5	<0.5
MW-14	12/22/2014	3.1	11.8 I	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.019	<0.019	<0.00949	<0.5	<0.5
MW-14	05/20/2015	3.2	<10	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5
MW-14	12/17/2015	2.2	10.6	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	-	<0.02	<0.02	<0.01	<0.5	<0.5

LEGEND

* =Primary Drinking Water Standard
** =Secondary Drinking Water Standard
*** =Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)
(1) =No Standard
\- =Not Analyzed

I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		1,2-DICHLORO-PROPANE	1,3-DICHLORO-BENZENE	1,3-DICHLORO-PROPANE	1,4-DICHLORO-BENZENE	2,2-DICHLORO-PROPANE	2-HEXANONE	4-METHYL-2-PENTANONE	ACETONE	ACETO-NITRILE	ACROLEIN	ACRYLONI-TRILE	ALLYL CHLORIDE	BENZENE	BROMO-CHLORO-METHANE
STANDARD UNITS		5 µg/L* µg/L	210 µg/L*** µg/L	(1) µg/L	75 µg/L* µg/L	(1) µg/L	280 µg/L*** µg/L	350 µg/L** µg/L	6300 µg/L*** µg/L	42 µg/L*** µg/L	1 µg/L*** µg/L	0.06µg/L*** µg/L	35 µg/L*** µg/L	1 µg/L* µg/L	91 µg/L*** µg/L
Background															
MW-1	06/21/2013	<0.2	-	-	<0.5	-	<0.5	<1	7.13	-	-	<0.3	-	<0.5	<0.1
MW-1	12/26/2013	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-1	06/11/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-1	12/22/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-1	05/20/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-1	12/17/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-4	06/21/2013	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-4	12/26/2013	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-4	06/11/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-4	12/22/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-4	05/20/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-4	12/17/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
Detection															
MW-2	06/21/2013	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-2	12/26/2013	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-2	06/11/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-2	12/22/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-2	05/20/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-2	12/17/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-10R	06/21/2013	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-10R	12/26/2013	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-10R	06/11/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-10R	12/22/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-10R	05/20/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-10R	12/17/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-11	06/21/2013	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-11	12/26/2013	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-11	06/11/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-11	12/22/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-11	05/20/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-11	12/17/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-12R	06/21/2013	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-12R	12/26/2013	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-12R	06/11/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-12R	12/22/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		1,2-DICHLORO-PROPANE	1,3-DICHLORO-BENZENE	1,3-DICHLORO-PROPANE	1,4-DICHLORO-BENZENE	2,2-DICHLORO-PROPANE	2-HEXANONE	4-METHYL-2-PENTANONE	ACETONE	ACETO-NITRILE	ACROLEIN	ACRYLONI-TRILE	ALLYL CHLORIDE	BENZENE	BROMO-CHLORO-METHANE
STANDARD UNITS		5 µg/L* µg/L	210 µg/L*** µg/L	(1) µg/L	75 µg/L* µg/L	(1) µg/L	280 µg/L*** µg/L	350 µg/L** µg/L	6300 µg/L*** µg/L	42 µg/L*** µg/L	1 µg/L*** µg/L	0.06µg/L*** µg/L	35 µg/L*** µg/L	1 µg/L* µg/L	91 µg/L*** µg/L
MW-12R	05/20/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-12R	12/17/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-13	06/12/2014	<0.2	<0.5	<0.3	<0.5	<0.5	<0.5	<1	<5	<1	<3.5	<0.3	<1	<0.5	<0.1
MW-13	12/22/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-13	05/20/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-13	12/17/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-14	06/12/2014	<0.2	<0.5	<0.3	<0.5	<0.5	<0.5	<1	<5	<1	<3.5	<0.3	<1	<0.5	<0.1
MW-14	12/22/2014	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-14	05/20/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1
MW-14	12/17/2015	<0.2	-	-	<0.5	-	<0.5	<1	<5	-	-	<0.3	-	<0.5	<0.1

LEGEND

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		BROMO-DICHLORO-METHANE	BROMOFORM	BROMO-METHANE (METHYL BROMIDE)	CARBON DISULFIDE	CARBON TETRA-CHLORIDE	CHLORO-BENZENE	CHLORO-ETHANE	CHLORO-FORM	CHLORO-METHANE (METHYL CHLORIDE)	CHLORO-PRENE	CIS-1,2-DICHLORO-ETHENE	CIS-1,3-DICHLORO-PROPENE	DIBROMO-CHLORO-METHANE	DICHLORO-DIFLUORO-METHANE
STANDARD UNITS		0.6 µg/L*** µg/L	4.4 µg/L*** µg/L	9.8 µg/L*** µg/L	700 µg/L*** µg/L	3 µg/L* µg/L	100 µg/L* µg/L	12 µg/L*** µg/L	70 µg/L*** µg/L	2.7 µg/L*** µg/L	140 µg/L*** µg/L	70 µg/L* µg/L	0.4 µg/L*** µg/L	0.4 µg/L*** µg/L	1400 µg/L*** µg/L
Background															
MW-1	06/21/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-1	12/26/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-1	06/11/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-1	12/22/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-1	05/20/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-1	12/17/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-4	06/21/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-4	12/26/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-4	06/11/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-4	12/22/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-4	05/20/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-4	12/17/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
Detection															
MW-2	06/21/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-2	12/26/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-2	06/11/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-2	12/22/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-2	05/20/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-2	12/17/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-10R	06/21/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-10R	12/26/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-10R	06/11/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-10R	12/22/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-10R	05/20/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-10R	12/17/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-11	06/21/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-11	12/26/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-11	06/11/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-11	12/22/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-11	05/20/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-11	12/17/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-12R	06/21/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-12R	12/26/2013	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-12R	06/11/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-12R	12/22/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-

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HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		BROMO-DICHLORO-METHANE	BROMOFORM	BROMO-METHANE (METHYL BROMIDE)	CARBON DISULFIDE	CARBON TETRA-CHLORIDE	CHLORO-BENZENE	CHLORO-ETHANE	CHLORO-FORM	CHLORO-METHANE (METHYL CHLORIDE)	CHLORO-PRENE	CIS-1,2-DICHLORO-ETHENE	CIS-1,3-DICHLORO-PROPENE	DIBROMO-CHLORO-METHANE	DICHLORO-DIFLUORO-METHANE
STANDARD		0.6 µg/L***	4.4 µg/L***	9.8 µg/L***	700 µg/L***	3 µg/L*	100 µg/L*	12 µg/L***	70 µg/L***	2.7 µg/L***	140 µg/L***	70 µg/L*	0.4 µg/L***	0.4 µg/L***	1400 µg/L***
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-12R	05/20/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-12R	12/17/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-13	06/12/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.2	<0.5	<0.4	<0.5
MW-13	12/22/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-13	05/20/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-13	12/17/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-14	06/12/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.2	<0.5	<0.4	<0.5
MW-14	12/22/2014	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-14	05/20/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-
MW-14	12/17/2015	<0.1	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<0.5	<0.4	-

LEGEND

* =Primary Drinking Water Standard
** =Secondary Drinking Water Standard
*** =Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)
(1) =No Standard
\- =Not Analyzed

I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time

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HARDEE COUNTY CLASS I LANDFILL
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PARAMETER		DICHLORO-METHANE	ETHYL METH-ACRYLATE	ETHYL PARATHION	ETHYL-BENZENE	ISOBUTYL-ALCOHOL	METH-ACRYLO-NITRILE	METHYL ETHYL KETONE	METHYL-IODIDE	METHYL METH-ACRYLATE	PROPIO-NITRILE	STYRENE	TETRA-CHLORO-ETHENE	TOLUENE	TRANS-1,2-DICHLORO-ETHENE
STANDARD UNITS		5 µg/L* µg/L	630 µg/L*** µg/L	42 µg/L*** µg/L	30 µg/L** µg/L	2100 µg/L*** µg/L	0.7 µg/L*** µg/L	4200 µg/L*** µg/L	(1) µg/L	25 µg/L*** µg/L	(1) µg/L	100 µg/L* µg/L	3 µg/L* µg/L	40 µg/L** µg/L	100 µg/L* µg/L
Background															
MW-1	06/21/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-1	12/26/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-1	06/11/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-1	12/22/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-1	05/20/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-1	12/17/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-4	06/21/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-4	12/26/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	3.71	<0.5
MW-4	06/11/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-4	12/22/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-4	05/20/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-4	12/17/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
Detection															
MW-2	06/21/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-2	12/26/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-2	06/11/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-2	12/22/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-2	05/20/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-2	12/17/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-10R	06/21/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-10R	12/26/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-10R	06/11/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-10R	12/22/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-10R	05/20/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-10R	12/17/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-11	06/21/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-11	12/26/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-11	06/11/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-11	12/22/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-11	05/20/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-11	12/17/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-12R	06/21/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-12R	12/26/2013	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-12R	06/11/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-12R	12/22/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5

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PARAMETER		DICHLORO-METHANE	ETHYL METH-ACRYLATE	ETHYL PARATHION	ETHYL-BENZENE	ISOBUTYL-ALCOHOL	METH-ACRYLO-NITRILE	METHYL ETHYL KETONE	METHYL-IODIDE	METHYL METH-ACRYLATE	PROPIO-NITRILE	STYRENE	TETRA-CHLORO-ETHENE	TOLUENE	TRANS-1,2-DICHLORO-ETHENE
STANDARD UNITS		5 µg/L* µg/L	630 µg/L*** µg/L	42 µg/L*** µg/L	30 µg/L** µg/L	2100 µg/L*** µg/L	0.7 µg/L*** µg/L	4200 µg/L*** µg/L	(1) µg/L	25 µg/L*** µg/L	(1) µg/L	100 µg/L* µg/L	3 µg/L* µg/L	40 µg/L** µg/L	100 µg/L* µg/L
MW-12R	05/20/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-12R	12/17/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-13	06/12/2014	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<2	<1	<0.5	<0.5	<0.5	<0.5
MW-13	12/22/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-13	05/20/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-13	12/17/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-14	06/12/2014	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<2	<1	<0.5	<0.5	<0.5	<0.5
MW-14	12/22/2014	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-14	05/20/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5
MW-14	12/17/2015	<1	-	-	<0.5	-	-	<0.5	<1	-	-	<0.5	<0.5	<0.5	<0.5

LEGEND

* =Primary Drinking Water Standard
** =Secondary Drinking Water Standard
*** =Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)
(1) =No Standard
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I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time

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HARDEE COUNTY CLASS I LANDFILL
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PARAMETER		TRANS-1,3-DICHLORO-PROPENE	TRICHLORO-ETHENE	TRICHLORO-FLUORO-METHANE	VINYL ACETATE	VINYL CHLORIDE	XYLENES	(E)-1,4-DICHLORO-2-BUTENE	000-TRIETHYL-PHOSPHORO-THIOATE	1,2,4,5-TETRA-CHLORO-BENZENE (DIOXIN)	1,2,4-TRICHLORO-BENZENE	1,3,5-TRINITRO-BENZENE	1,3-DINITRO-BENZENE	1,4-NAPHTHO-QUINONE	1-NAPHTHYL-AMINE
STANDARD		0.4 µg/L***	3 µg/L*	2100 µg/L***	88 µg/L***	1 µg/L*	20 µg/L**	(1)	(1)	2.1 µg/L***	70 µg/L*	210 µg/L***	50 µg/L***	(1)	(1)
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Background															
MW-1	06/21/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-1	12/26/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-1	06/11/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-1	12/22/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-1	05/20/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-1	12/17/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-4	06/21/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-4	12/26/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-4	06/11/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-4	12/22/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-4	05/20/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-4	12/17/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
Detection															
MW-2	06/21/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-2	12/26/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-2	06/11/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-2	12/22/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-2	05/20/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-2	12/17/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-10R	06/21/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-10R	12/26/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-10R	06/11/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-10R	12/22/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-10R	05/20/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-10R	12/17/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-11	06/21/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-11	12/26/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-11	06/11/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-11	12/22/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-11	05/20/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-11	12/17/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-12R	06/21/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-12R	12/26/2013	<0.5	<0.5	<0.5	<5	<0.5	<1	<1	-	-	-	-	-	-	-
MW-12R	06/11/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-12R	12/22/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-

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HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		TRANS-1,3-DICHLORO-PROPENE	TRICHLORO-ETHENE	TRICHLORO-FLUORO-METHANE	VINYL ACETATE	VINYL CHLORIDE	XYLENES	(E)-1,4-DICHLORO-2-BUTENE	000-TRIETHYL-PHOSPHORO-THIOATE	1,2,4,5-TETRA-CHLORO-BENZENE (DIOXIN)	1,2,4-TRICHLORO-BENZENE	1,3,5-TRINITRO-BENZENE	1,3-DINITRO-BENZENE	1,4-NAPHTHO-QUINONE	1-NAPHTHYL-AMINE
STANDARD		0.4 µg/L***	3 µg/L*	2100 µg/L***	88 µg/L***	1 µg/L*	20 µg/L**	(1)	(1)	2.1 µg/L***	70 µg/L*	210 µg/L***	50 µg/L***	(1)	(1)
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-12R	05/20/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-12R	12/17/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-13	06/12/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	<10	<2	<0.5	<10	<2	<10	<10
MW-13	12/22/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-13	05/20/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-13	12/17/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-14	06/12/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	<10	<2	<0.5	<10	<2	<10	<10
MW-14	12/22/2014	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-14	05/20/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-
MW-14	12/17/2015	<0.5	<0.5	<0.5	<10	<0.5	<1	<1	-	-	-	-	-	-	-

LEGEND

* =Primary Drinking Water Standard
** =Secondary Drinking Water Standard
*** =Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)
(1) =No Standard
\- =Not Analyzed

I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		2,3,4,6-TETRA-CHLORO-PHENOL	2,4,5-T	2,4,5-TRICHLORO-PHENOL	2,4,6-TRICHLORO-PHENOL	2,4-D	2,4-DICHLORO-PHENOL	2,4-DIMETHYL-PHENOL	2,4-DINITRO-PHENOL	2,4-DINITRO-TOLUENE	2,6-DICHLORO-PHENOL	2,6-DINITRO-TOLUENE	2-ACETYL-AMINO-FLUORENE	2-CHLORO-NAPHTHA-LENE	2-CHLORO-PHENOL
STANDARD UNITS		210 µg/L*** µg/L	70 µg/L*** µg/L	4 µg/L*** µg/L	3.2 µg/L*** µg/L	70 µg/L* µg/L	0.3 µg/L*** µg/L	140µg/L*** µg/L	14µg/L*** µg/L	0.05 µg/L*** µg/L	0.2 µg/L*** µg/L	0.05 µg/L*** µg/L	(1) µg/L	560 µg/L*** µg/L	35 µg/L*** µg/L
Background															
MW-1	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detection															
MW-2	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		2,3,4,6-TETRA-CHLORO-PHENOL	2,4,5-T	2,4,5-TRICHLORO-PHENOL	2,4,6-TRICHLORO-PHENOL	2,4-D	2,4-DICHLORO-PHENOL	2,4-DIMETHYL-PHENOL	2,4-DINITRO-PHENOL	2,4-DINITRO-TOLUENE	2,6-DICHLORO-PHENOL	2,6-DINITRO-TOLUENE	2-ACETYL-AMINO-FLUORENE	2-CHLORO-NAPHTHA-LENE	2-CHLORO-PHENOL
STANDARD UNITS		210 µg/L*** µg/L	70 µg/L*** µg/L	4 µg/L*** µg/L	3.2 µg/L*** µg/L	70 µg/L* µg/L	0.3 µg/L*** µg/L	140µg/L*** µg/L	14µg/L*** µg/L	0.05 µg/L*** µg/L	0.2 µg/L*** µg/L	0.05 µg/L*** µg/L	(1) µg/L	560 µg/L*** µg/L	35 µg/L*** µg/L
MW-12R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	06/12/2014	<2	<0.25	<1	<2	<0.25	<1	<2	<5	<0.2	<1	<2	<10	<2	<2
MW-13	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	06/12/2014	<2	<0.25	<1	<2	<0.25	<1	<2	<5	<0.2	<1	<2	<10	<2	<2
MW-14	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		2-METHYL-NAPHTHA-LENE	2-METHYL-PHENOL	2-NAPHTHYL-AMINE	2-NITRO-ANILINE	2-NITRO-PHENOL	3,3'-DICHLORO-BENZIDINE	3,3'-DIMETHYL-BENZIDINE	3-METHYL-CHOL-ANTHRENE	4,4'-DDD	4,4'-DDE	4,4'-DDT	4,6-DINITRO-2-METHYLPHENOL	4-AMINO-BIPHENYL	4-BROMO-PHENYL PHENYL-ETHER
STANDARD UNITS		28 µg/L*** µg/L	35 µg/L*** µg/L	0.0003 µg/L*** µg/L	21 µg/L*** µg/L	20 µg/L*** µg/L	0.08 µg/L*** µg/L	0.004*** µg/L	(1) µg/L	0.1 µg/L*** µg/L	0.1 µg/L*** µg/L	0.1 µg/L*** µg/L	(1) µg/L	(1) µg/L	10 µg/L*** µg/L
Background															
MW-1	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detection															
MW-2	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		2-METHYL-NAPHTHA-LENE	2-METHYL-PHENOL	2-NAPHTHYL-AMINE	2-NITRO-ANILINE	2-NITRO-PHENOL	3,3'-DICHLORO-BENZIDINE	3,3'-DIMETHYL-BENZIDINE	3-METHYL-CHOL-ANTHRENE	4,4'-DDD	4,4'-DDE	4,4'-DDT	4,6-DINITRO-2-METHYLPHENOL	4-AMINO-BIPHENYL	4-BROMO-PHENYL PHENYL-ETHER
STANDARD UNITS		28 µg/L*** µg/L	35 µg/L*** µg/L	0.0003 µg/L*** µg/L	21 µg/L*** µg/L	20 µg/L*** µg/L	0.08 µg/L*** µg/L	0.004*** µg/L	(1) µg/L	0.1 µg/L*** µg/L	0.1 µg/L*** µg/L	0.1 µg/L*** µg/L	(1) µg/L	(1) µg/L	10 µg/L*** µg/L
MW-12R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	06/12/2014	<2	<2	<2	<10	<2	<2	<2	<10	<0.02	<0.02	<0.02	<2	<10	<2
MW-13	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	06/12/2014	<2	<2	<2	<10	<2	<2	<2	<10	<0.02	<0.02	<0.02	<2	<10	<2
MW-14	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		4-CHLORO-BENZEN-AMINE	4-CHLORO-PHENYL PHENYL-ETHER	4-NITRO-PHENOL	5-NITRO-O-TOLUIDINE	7,12-DIMETHYL-BENZ (a) ANTHRA-	ACENAPH-THENE	ACENAPH-THYLENE	ACETO-PHENONE	ALDRIN	ALPHA-BHC	ANTHRA-CENE	BENZO (A) ANTHRA-CENE	BENZO (A) PYRENE	BENZO (B) FLUORAN-THENE
STANDARD UNITS		28 µg/L*** µg/L	10 µg/L*** µg/L	56 µg/L*** µg/L	(1) µg/L	(1) µg/L	20 µg/L*** µg/L	210 µg/L*** µg/L	700 µg/L*** µg/L	0.002 µg/L*** µg/L	0.006 µg/L*** µg/L	2100 µg/L*** µg/L	0.05 µg/L*** µg/L	0.2 µg/L* µg/L	0.05 µg/L*** µg/L
Background															
MW-1	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detection															
MW-2	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		4-CHLORO-BENZEN-AMINE	4-CHLORO-PHENYL PHENYL-ETHER	4-NITRO-PHENOL	5-NITRO-O-TOLUIDINE	7,12-DIMETHYL-BENZ (a) ANTHRA-	ACENAPH-THENE	ACENAPH-THYLENE	ACETO-PHENONE	ALDRIN	ALPHA-BHC	ANTHRA-CENE	BENZO (A) ANTHRA-CENE	BENZO (A) PYRENE	BENZO (B) FLUORAN-THENE
STANDARD UNITS		28 µg/L*** µg/L	10 µg/L*** µg/L	56 µg/L*** µg/L	(1) µg/L	(1) µg/L	20 µg/L*** µg/L	210 µg/L*** µg/L	700 µg/L*** µg/L	0.002 µg/L*** µg/L	0.006 µg/L*** µg/L	2100 µg/L*** µg/L	0.05 µg/L*** µg/L	0.2 µg/L* µg/L	0.05 µg/L*** µg/L
MW-12R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	06/12/2014	<10	<2	<2	<2	<10	<2	<2	<10	<0.02	<0.02	<2	<0.2	<1	<0.1
MW-13	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	06/12/2014	<10	<2	<2	<2	<10	<2	<2	<10	<0.02	<0.02	<2	<0.2	<1	<0.1
MW-14	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND

* =Primary Drinking Water Standard
** =Secondary Drinking Water Standard
*** =Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)
(1) =No Standard
\- =Not Analyzed

I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		BENZO (GHI) PERYLENE	BENZO (K) FLUORAN-THENE	BENZYL ALCOHOL	BETA-BHC	BIS (2-CHLORO-ETHOXY) METHANE	BIS (2-CHLORO-ETHYL) ETHER	BIS (2-ETHYL-HEXYL) PHTHALATE	BUTYL BENZYL PHTHALATE	CHLORDANE	CHLORO-BENZILATE	CHRYSENE	CRESOL, M&P	DELTA-BHC	DIALLATE
STANDARD UNITS		210 µg/L*** µg/L	0.5 µg/L*** µg/L	2100 µg/L*** µg/L	0.02 µg/L*** µg/L	10 µg/L*** µg/L	(1) µg/L	6 µg/L* µg/L	140 µg/L*** µg/L	2 µg/L* µg/L	0.1 µg/L*** µg/L	4.8 µg/L*** µg/L	3.5 µg/L*** µg/L	2.1 µg/L*** µg/L	0.6 µg/L*** µg/L
Background															
MW-1	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detection															
MW-2	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		BENZO (GHI) PERYLENE	BENZO (K) FLUORAN-THENE	BENZYL ALCOHOL	BETA-BHC	BIS (2-CHLORO-ETHOXY) METHANE	BIS (2-CHLORO-ETHYL) ETHER	BIS (2-ETHYL-HEXYL) PHTHALATE	BUTYL BENZYL PHTHALATE	CHLORDANE	CHLORO-BENZILATE	CHRYSENE	CRESOL, M&P	DELTA-BHC	DIALLATE
STANDARD UNITS		210 µg/L*** µg/L	0.5 µg/L*** µg/L	2100 µg/L*** µg/L	0.02 µg/L*** µg/L	10 µg/L*** µg/L	(1) µg/L	6 µg/L* µg/L	140 µg/L*** µg/L	2 µg/L* µg/L	0.1 µg/L*** µg/L	4.8 µg/L*** µg/L	3.5 µg/L*** µg/L	2.1 µg/L*** µg/L	0.6 µg/L*** µg/L
MW-12R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	06/12/2014	<2	<1	<5	<0.01	<2	<2	<3	<3	<0.01	<0.8	<2	<10	<0.01	<2
MW-13	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	06/12/2014	<2	<1	<5	<0.01	<2	<2	8.3	<3	<0.01	<0.8	<2	<10	<0.01	<2
MW-14	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND

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*** =Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)
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J = Estimated value
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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		DIBENZO (A,H) ANTHRA-CENE	DIBENZO-FURAN	DIBROMO-METHANE	DIELDRIN	DIETHYL PHTHALATE	DIMETHOATE	DIMETHYL PHTHALATE	DI-n-BUTYL PHTHALATE	DI-n-OCTYL PHTHALATE	DINOSEB	DIPHENYL-AMINE	DISULFOTON	ENDO-SULFAN I	ENDO-SULFAN II
STANDARD UNITS		0.005 µg/L*** µg/L	28 µg/L*** µg/L	70 µg/L*** µg/L	0.002 µg/L*** µg/L	5600 µg/L*** µg/L	1.4/L*** µg/L	70000 µg/L*** µg/L	700 µg/L*** µg/L	140 µg/L*** µg/L	7 µg/L* µg/L	175 µg/L*** µg/L	0.3 µg/L*** µg/L	42 µg/L*** µg/L	42 µg/L*** µg/L
Background															
MW-1	06/21/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/26/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/11/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/22/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/20/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/17/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/21/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/26/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/11/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/22/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/20/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/17/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
Detection															
MW-2	06/21/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/26/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/11/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/22/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/20/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/17/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/21/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/26/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/11/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/22/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-10R	05/20/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/17/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/21/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/26/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/11/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/22/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/20/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/17/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/21/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/26/2013	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/11/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/22/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		DIBENZO (A,H) ANTHRA-CENE	DIBENZO-FURAN	DIBROMO-METHANE	DIELDRIN	DIETHYL PHTHALATE	DIMETHOATE	DIMETHYL PHTHALATE	DI-n-BUTYL PHTHALATE	DI-n-OCTYL PHTHALATE	DINOSEB	DIPHENYL-AMINE	DISULFOTON	ENDO-SULFAN I	ENDO-SULFAN II
STANDARD UNITS		0.005 µg/L*** µg/L	28 µg/L*** µg/L	70 µg/L*** µg/L	0.002 µg/L*** µg/L	5600 µg/L*** µg/L	1.4/L*** µg/L	70000 µg/L*** µg/L	700 µg/L*** µg/L	140 µg/L*** µg/L	7 µg/L* µg/L	175 µg/L*** µg/L	0.3 µg/L*** µg/L	42 µg/L*** µg/L	42 µg/L*** µg/L
MW-12R	05/20/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/17/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-13	06/12/2014	<0.2	<5	<0.5	<0.02	<3	<2	<3	<3	<3	<0.25	<10	<0.3	<0.01	<0.01
MW-13	12/22/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/20/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/17/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-14	06/12/2014	<0.2	<5	<0.5	<0.02	<3	<2	<3	<3	<3	<0.25	<10	<0.3	<0.01	<0.01
MW-14	12/22/2014	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-14	05/20/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
MW-14	12/17/2015	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-

LEGEND

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		ENDO-SULFAN SULFATE	ENDRIN	ENDRIN ALDEHYDE	ETHYL-METHANE-SULFONATE	FAMPHUR	FLUORAN-THENE	FLUORENE	GAMMA-BHC (LINDANE)	HEPTA-CHLOR	HEPTA-CHLOR EPOXIDE	HEXA-CHLORO-BENZENE (HCB)	HEXA-CHLORO-BUTADIENE	HEXA-CHLORO-CYCLO-PENTADIENE	HEXA-CHLORO-ETHANE
STANDARD		(1)	2 µg/L*	(1)	(1)	3.5 µg/L***	280 µg/L***	280 µg/L***	0.2 µg/L*	0.4 µg/L*	0.2 µg/L*	1 µg/L*	15 µg/L***	50 µg/L*	2.5 µg/L***
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Background															
MW-1	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detection															
MW-2	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		ENDO-SULFAN SULFATE	ENDRIN	ENDRIN ALDEHYDE	ETHYL-METHANE-SULFONATE	FAMPHUR	FLUORAN-THENE	FLUORENE	GAMMA-BHC (LINDANE)	HEPTA-CHLOR	HEPTA-CHLOR EPOXIDE	HEXA-CHLORO-BENZENE (HCB)	HEXA-CHLORO-BUTADIENE	HEXA-CHLORO-CYCLO-PENTADIENE	HEXA-CHLORO-ETHANE
STANDARD UNITS		(1) µg/L	2 µg/L* µg/L	(1) µg/L	(1) µg/L	3.5 µg/L*** µg/L	280 µg/L*** µg/L	280 µg/L*** µg/L	0.2 µg/L* µg/L	0.4 µg/L* µg/L	0.2 µg/L* µg/L	1 µg/L* µg/L	15 µg/L*** µg/L	50 µg/L* µg/L	2.5 µg/L*** µg/L
MW-12R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	06/12/2014	<0.02	<0.01	<0.02	<20	<2	<2	<2	<0.01	<0.01	<0.01	<1	<2	<2	<2
MW-13	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	06/12/2014	<0.02	<0.01	<0.02	<20	<2	<2	<2	<0.01	<0.01	<0.01	<1	<2	<2	<2
MW-14	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND

* =Primary Drinking Water Standard
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*** =Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)
(1) =No Standard
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J = Estimated value
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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		HEXA-CHLORO-PROPENE	INDENO (1,2,3-cd) PYRENE	ISODRIN	ISOPHORONE	ISOSAFROLE	KEPONE	METHA-PYRILENE	METHOXY-CHLOR	METHYL-METHANE-SULFONATE	METHYL PARATHION	M-NITRO-ANILINE	NAPHTHA-LENE	NITRO-BENZENE	N-NITROSO-DIETHYL-AMINE
STANDARD		(1)	0.05 µg/L***	(1)	37 µg/L***	(1)	0.004 µg/L***	(1)	40 µg/L*	(1)	1.8 µg/L***	1.7 µg/L***	14 µg/L***	3.5 µg/L***	0.0002 µg/L***
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Background															
MW-1	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detection															
MW-2	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		HEXA-CHLORO-PROPENE	INDENO (1,2,3-cd) PYRENE	ISODRIN	ISOPHORONE	ISOSAFROLE	KEPONE	METHA-PYRILENE	METHOXY-CHLOR	METHYL-METHANE-SULFONATE	METHYL PARATHION	M-NITRO-ANILINE	NAPHTHA-LENE	NITRO-BENZENE	N-NITROSO-DIETHYL-AMINE
STANDARD UNITS		(1) µg/L	0.05 µg/L*** µg/L	(1) µg/L	37 µg/L*** µg/L	(1) µg/L	0.004 µg/L*** µg/L	(1) µg/L	40 µg/L* µg/L	(1) µg/L	1.8 µg/L*** µg/L	1.7 µg/L*** µg/L	14 µg/L*** µg/L	3.5 µg/L*** µg/L	0.0002 µg/L*** µg/L
MW-12R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	06/12/2014	<10	<0.2	<20	<2	<10	<2	<20	<0.01	<10	<0.5	<2	<2	<2	<3
MW-13	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	06/12/2014	<10	<0.2	<20	<2	<10	<2	<20	<0.01	<10	<0.5	<2	<2	<2	<3
MW-14	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		N-NITROSO-DIMETHYL-AMINE	N-NITROSO-DI-N-BUTYL-AMINE	N-NITROSO-DI-n-PROPYL-AMINE	N-NITROSO-DIPHENYL-AMINE	N-NITROSO-METHYL-ETHYL-AMINE	N-NITROSO-PIPERIDINE	N-NITROSO-PYRROLI-DINE	O-TOLUIDINE	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254
STANDARD		0.0007 µg/L***	0.006 µg/L***	0.005 µg/L***	7.1 µg/L***	0.002 µg/L***	(1)	0.02 µg/L***	50 µg/L***	0.5 µg/L*	0.5 µg/L*	0.5 µg/L*	0.5 µg/L*	0.5 µg/L*	0.5 µg/L*
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Background															
MW-1	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detection															
MW-2	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		N-NITROSO-DIMETHYL-AMINE	N-NITROSO-DI-N-BUTYL-AMINE	N-NITROSO-DI-n-PROPYL-AMINE	N-NITROSO-DIPHENYL-AMINE	N-NITROSO-METHYL-ETHYL-AMINE	N-NITROSO-PIPERIDINE	N-NITROSO-PYRROLI-DINE	O-TOLUIDINE	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254
STANDARD UNITS		0.0007 µg/L*** µg/L	0.006 µg/L*** µg/L	0.005 µg/L*** µg/L	7.1 µg/L*** µg/L	0.002 µg/L*** µg/L	(1) µg/L	0.02 µg/L*** µg/L	50 µg/L*** µg/L	0.5 µg/L* µg/L	0.5 µg/L* µg/L	0.5 µg/L* µg/L	0.5 µg/L* µg/L	0.5 µg/L* µg/L	0.5 µg/L* µg/L
MW-12R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	06/12/2014	<3	<2	<2	<2	<2	<10	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-13	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	06/12/2014	<3	<2	<2	<2	<2	<10	<2	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MW-14	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		PCB-1260	P-CHLORO-M-CRESOL	P-CRESOL	P-DIMETHYL-AMINO AZOBENZENE	PENTA-CHLORO-BENZENE	PENTA-CHLORO-NITRO-BENZENE	PENTA-CHLORO-PHENOL	PHENACETIN	PHEN-ANTHRENE	PHENOL	PHORATE	P-NITRO-ANILINE	P-PHENYLENE-DIAMINE	PRONAMIDE
STANDARD UNITS		0.5 µg/L* µg/L	63 µg/L*** µg/L	3.5 µg/L*** µg/L	(1) µg/L	5.6 µg/L*** µg/L	0.1 µg/L*** µg/L	1 µg/L* µg/L	(1) µg/L	210 µg/L*** µg/L	10 µg/L*** µg/L	1.4 µg/L*** µg/L	1.7 µg/L*** µg/L	1330 µg/L*** µg/L	53 µg/L*** µg/L
Background															
MW-1	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detection															
MW-2	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-10R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/21/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/26/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	06/11/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		PCB-1260	P-CHLORO-M-CRESOL	P-CRESOL	P-DIMETHYL-AMINO AZOBENZENE	PENTA-CHLORO-BENZENE	PENTA-CHLORO-NITRO-BENZENE	PENTA-CHLORO-PHENOL	PHENACETIN	PHEN-ANTHRENE	PHENOL	PHORATE	P-NITRO-ANILINE	P-PHENYLENE-DIAMINE	PRONAMIDE
STANDARD UNITS		0.5 µg/L* µg/L	63 µg/L*** µg/L	3.5 µg/L*** µg/L	(1) µg/L	5.6 µg/L*** µg/L	0.1 µg/L*** µg/L	1 µg/L* µg/L	(1) µg/L	210 µg/L*** µg/L	10 µg/L*** µg/L	1.4 µg/L*** µg/L	1.7 µg/L*** µg/L	1330 µg/L*** µg/L	53 µg/L*** µg/L
MW-12R	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12R	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	06/12/2014	<0.1	<2	<2	<10	<0.3	<0.3	<0.4	<20	<2	<2	<1	<2	<10	<10
MW-13	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	06/12/2014	<0.1	<2	<2	<10	<0.3	<0.3	<0.4	<20	<2	<2	<1	<2	<10	<10
MW-14	12/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	05/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-14	12/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		PYRENE	SAFROLE	SILVEX (2,4,5-TP)	THIONAZIN	TOXAPHENE
STANDARD		210 µg/L***	(1)	50 µg/L*	(1)	3 µg/L*
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L
Background						
MW-1	06/21/2013	-	-	-	-	-
MW-1	12/26/2013	-	-	-	-	-
MW-1	06/11/2014	-	-	-	-	-
MW-1	12/22/2014	-	-	-	-	-
MW-1	05/20/2015	-	-	-	-	-
MW-1	12/17/2015	-	-	-	-	-
MW-4	06/21/2013	-	-	-	-	-
MW-4	12/26/2013	-	-	-	-	-
MW-4	06/11/2014	-	-	-	-	-
MW-4	12/22/2014	-	-	-	-	-
MW-4	05/20/2015	-	-	-	-	-
MW-4	12/17/2015	-	-	-	-	-
Detection						
MW-2	06/21/2013	-	-	-	-	-
MW-2	12/26/2013	-	-	-	-	-
MW-2	06/11/2014	-	-	-	-	-
MW-2	12/22/2014	-	-	-	-	-
MW-2	05/20/2015	-	-	-	-	-
MW-2	12/17/2015	-	-	-	-	-
MW-10R	06/21/2013	-	-	-	-	-
MW-10R	12/26/2013	-	-	-	-	-
MW-10R	06/11/2014	-	-	-	-	-
MW-10R	12/22/2014	-	-	-	-	-
MW-10R	05/20/2015	-	-	-	-	-
MW-10R	12/17/2015	-	-	-	-	-
MW-11	06/21/2013	-	-	-	-	-
MW-11	12/26/2013	-	-	-	-	-
MW-11	06/11/2014	-	-	-	-	-
MW-11	12/22/2014	-	-	-	-	-
MW-11	05/20/2015	-	-	-	-	-
MW-11	12/17/2015	-	-	-	-	-
MW-12R	06/21/2013	-	-	-	-	-
MW-12R	12/26/2013	-	-	-	-	-
MW-12R	06/11/2014	-	-	-	-	-
MW-12R	12/22/2014	-	-	-	-	-

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		PYRENE	SAFROLE	SILVEX (2,4,5-TP)	THIONAZIN	TOXAPHENE
STANDARD		210 µg/L***	(1)	50 µg/L*	(1)	3 µg/L*
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L
MW-12R	05/20/2015	-	-	-	-	-
MW-12R	12/17/2015	-	-	-	-	-
MW-13	06/12/2014	<2	<10	<0.25	<5	<0.5
MW-13	12/22/2014	-	-	-	-	-
MW-13	05/20/2015	-	-	-	-	-
MW-13	12/17/2015	-	-	-	-	-
MW-14	06/12/2014	<2	<10	<0.25	<5	<0.5
MW-14	12/22/2014	-	-	-	-	-
MW-14	05/20/2015	-	-	-	-	-
MW-14	12/17/2015	-	-	-	-	-

LEGEND

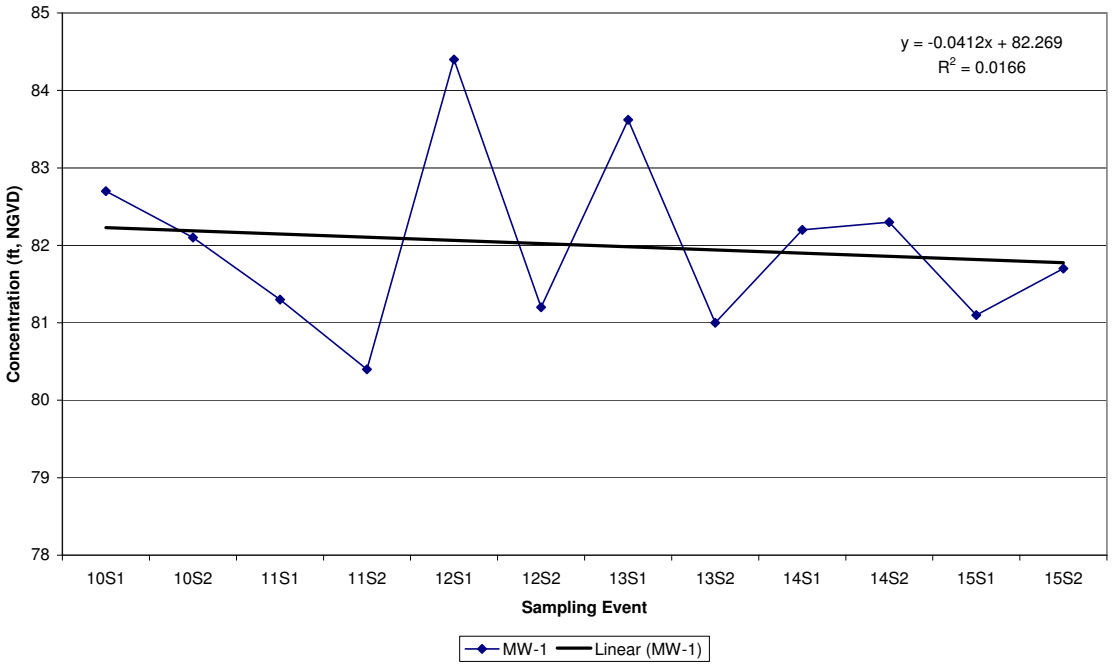
*	=Primary Drinking Water Standard
**	=Secondary Drinking Water Standard
***	=Chapter 62-777 - Groundwater Cleanup Target Level (GCTL)
(1)	=No Standard
-	=Not Analyzed
I	= Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL)
J	= Estimated value
V	= Analyte found in associated method blank
Q	= Estimated value; analyte analyzed after acceptable holding time

ATTACHMENT 8

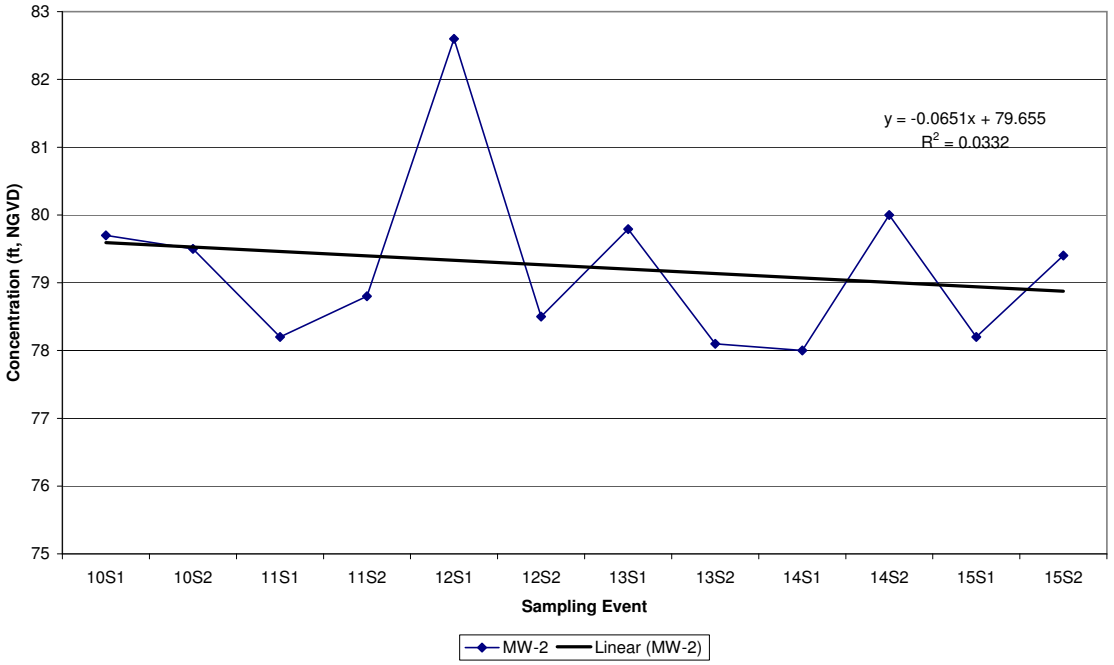
HISTORICAL GROUNDWATER TREND GRAPHS

Historical Groundwater Elevation Data

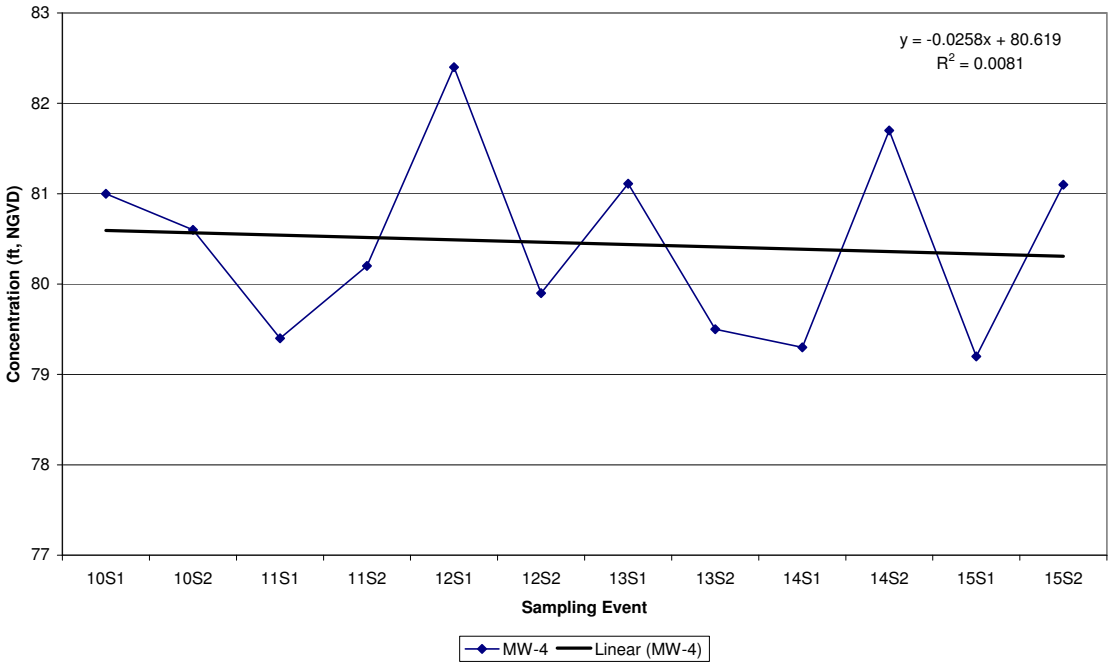
Hardee County Class I Landfill
Historic GWE in MW-1



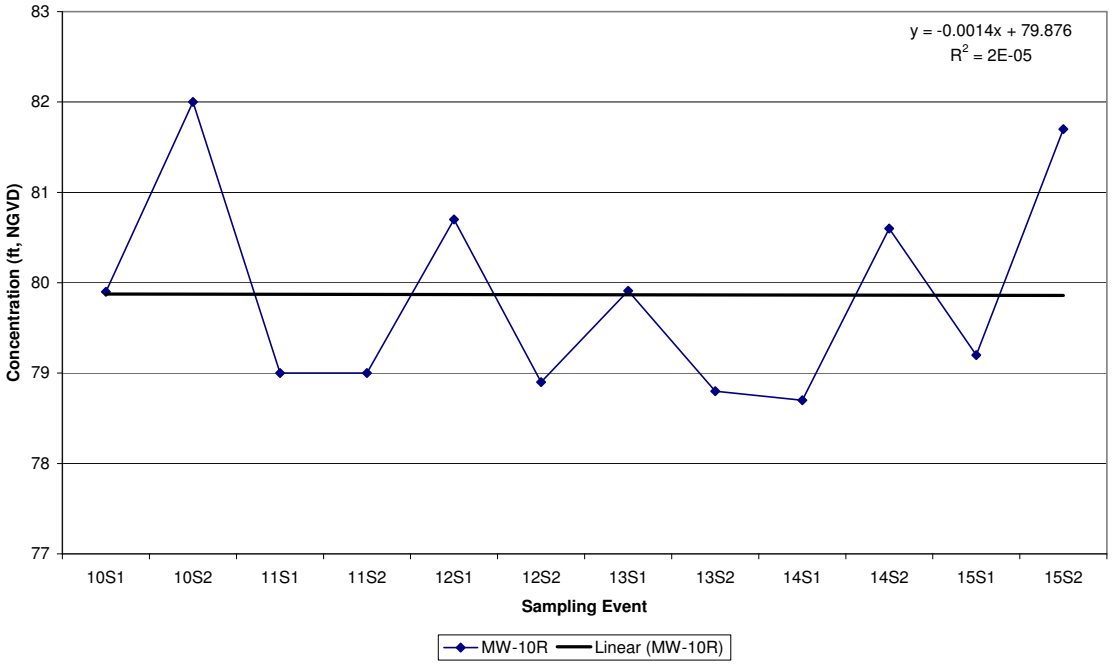
Hardee County Class I Landfill
Historic GWE in MW-2



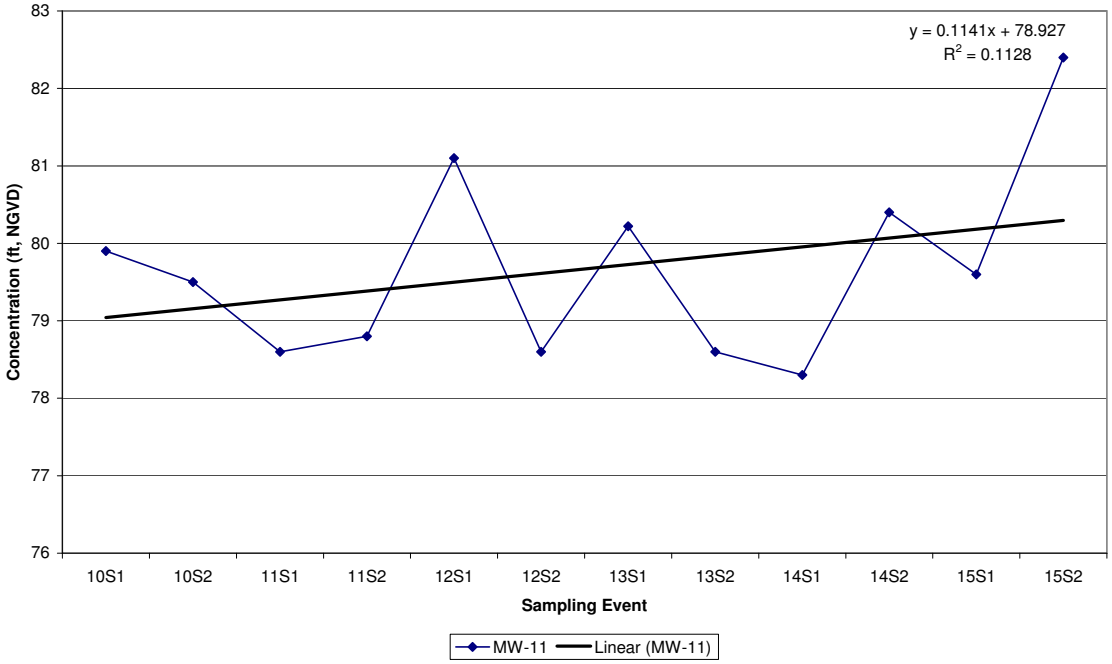
Hardee County Class I Landfill
Historic GWE in MW-4



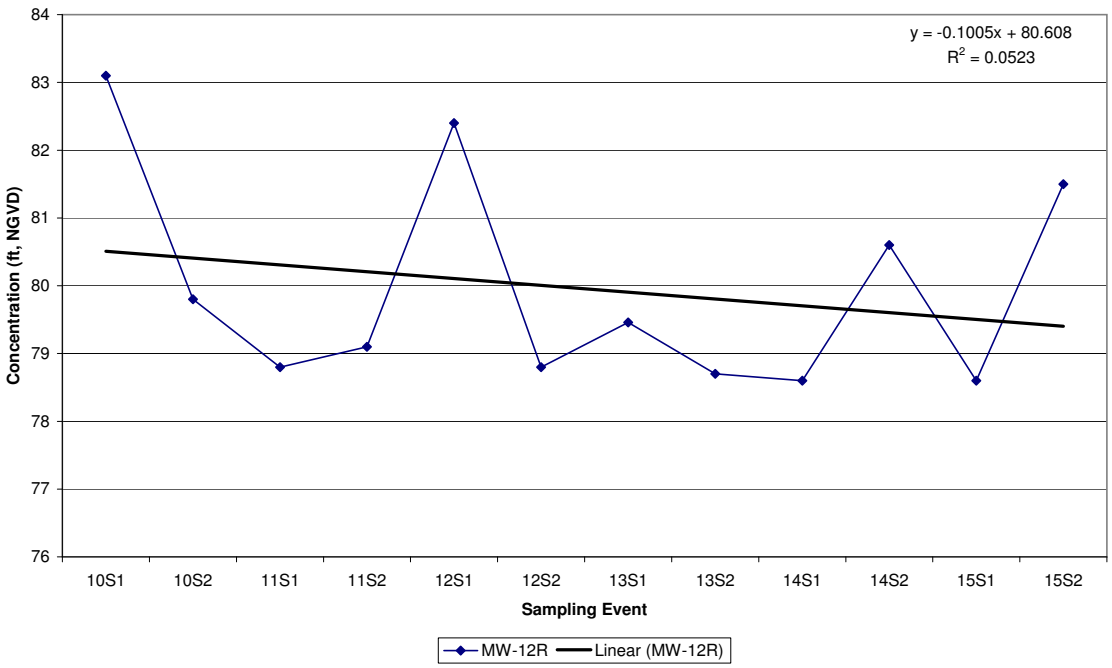
Hardee County Class I Landfill
Historic GWE in MW-10R



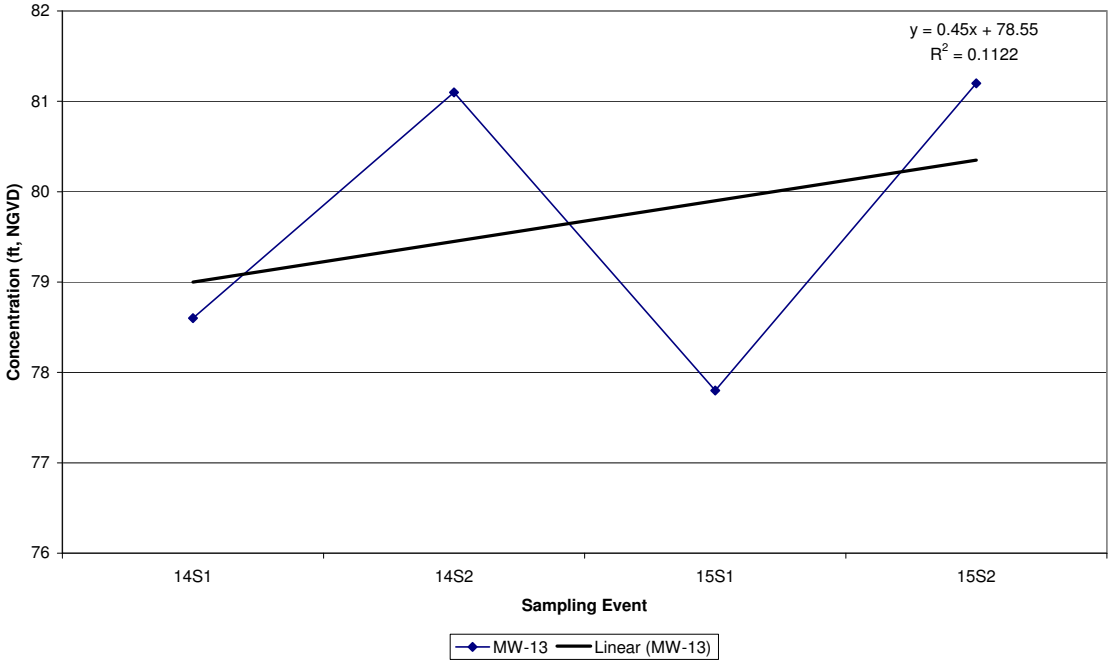
Hardee County Class I Landfill
Historic GWE in MW-11



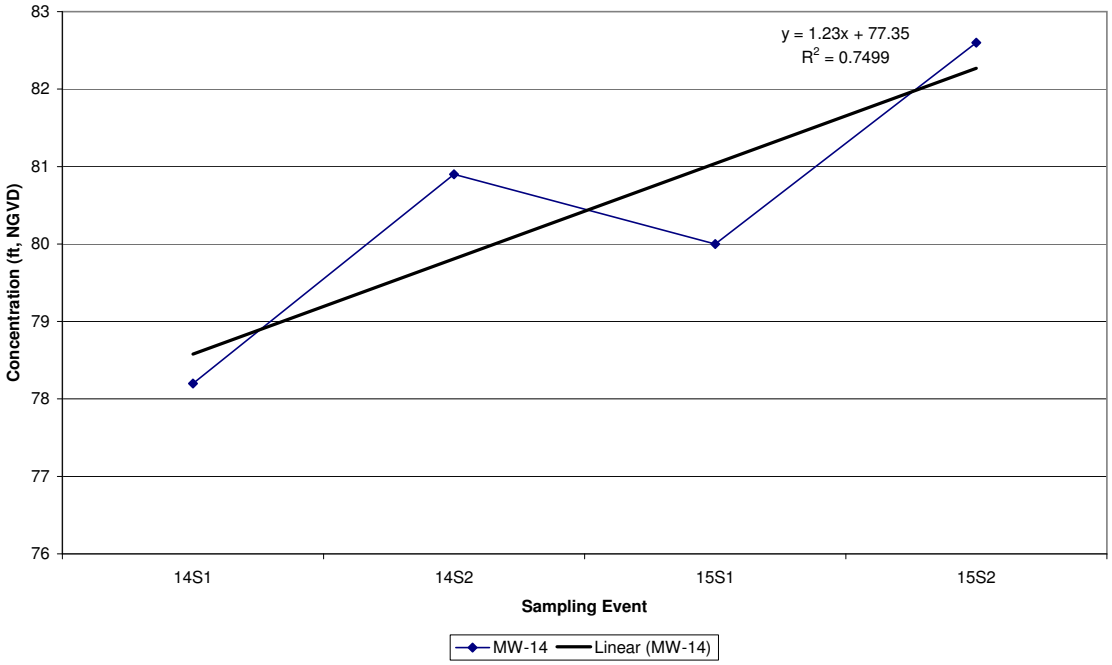
Hardee County Class I Landfill
Historic GWE in MW-12R



Hardee County Class I Landfill
Historic GWE in MW-13

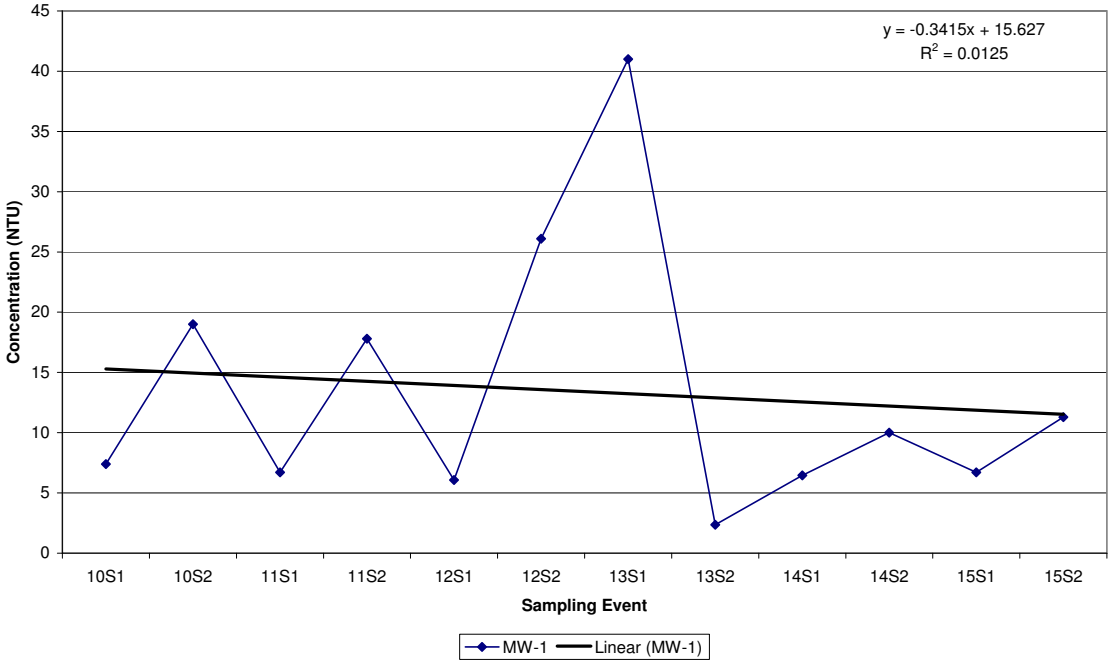


Hardee County Class I Landfill
Historic GWE in MW-14

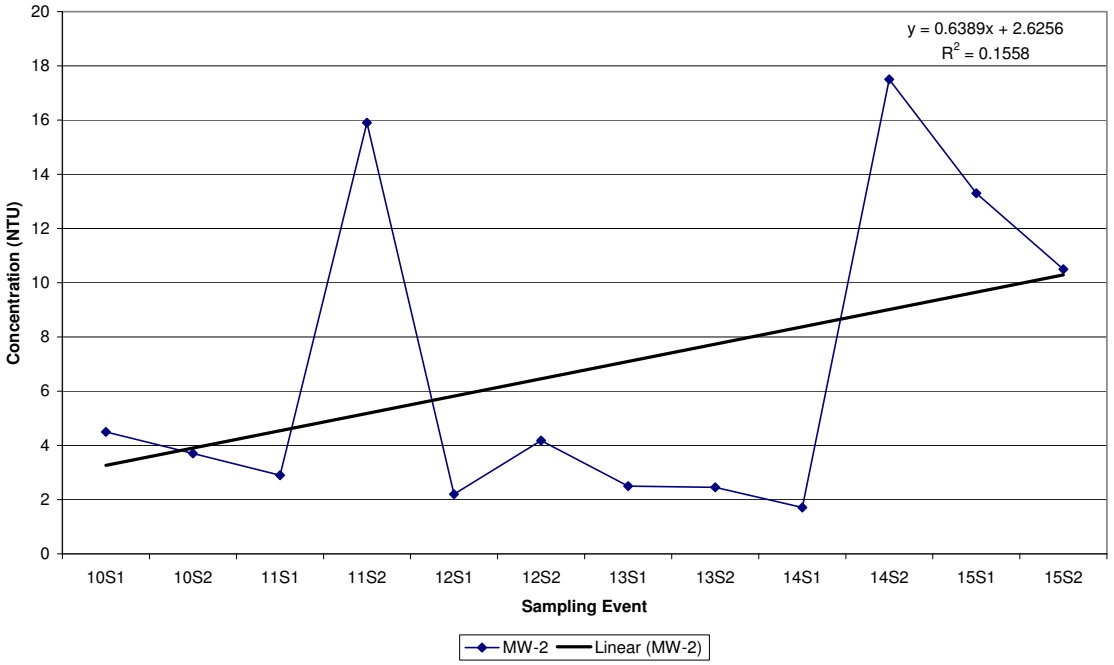


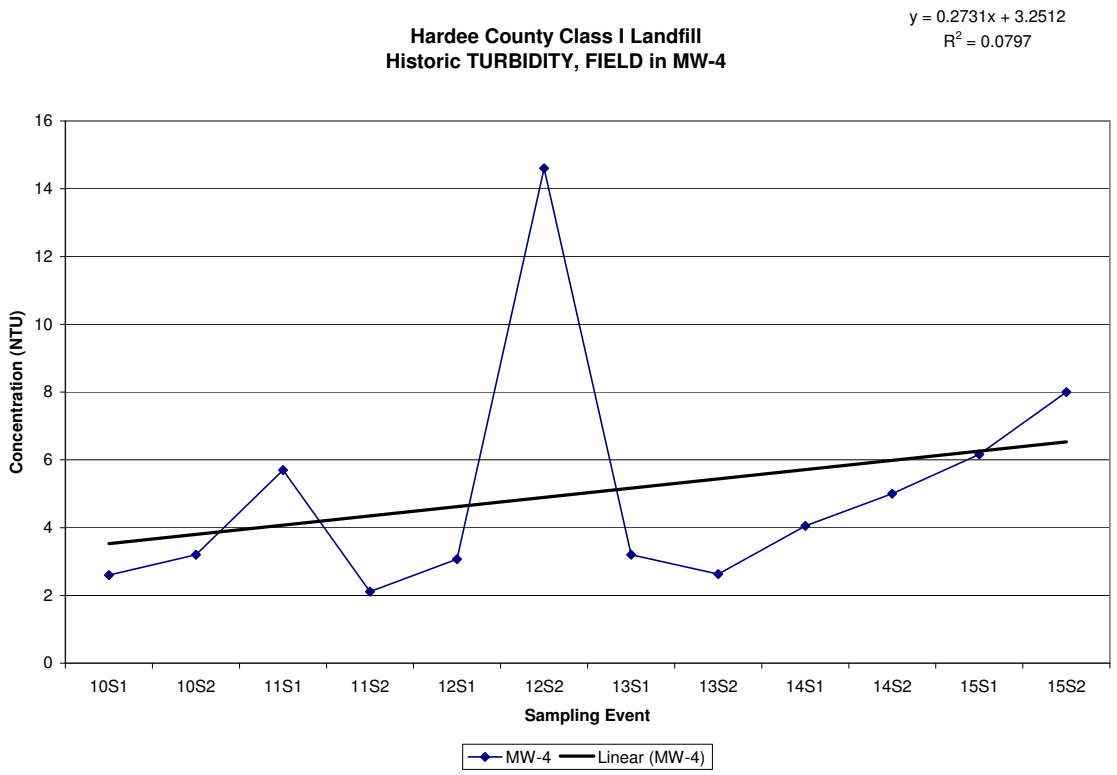
Historical Turbidity Data

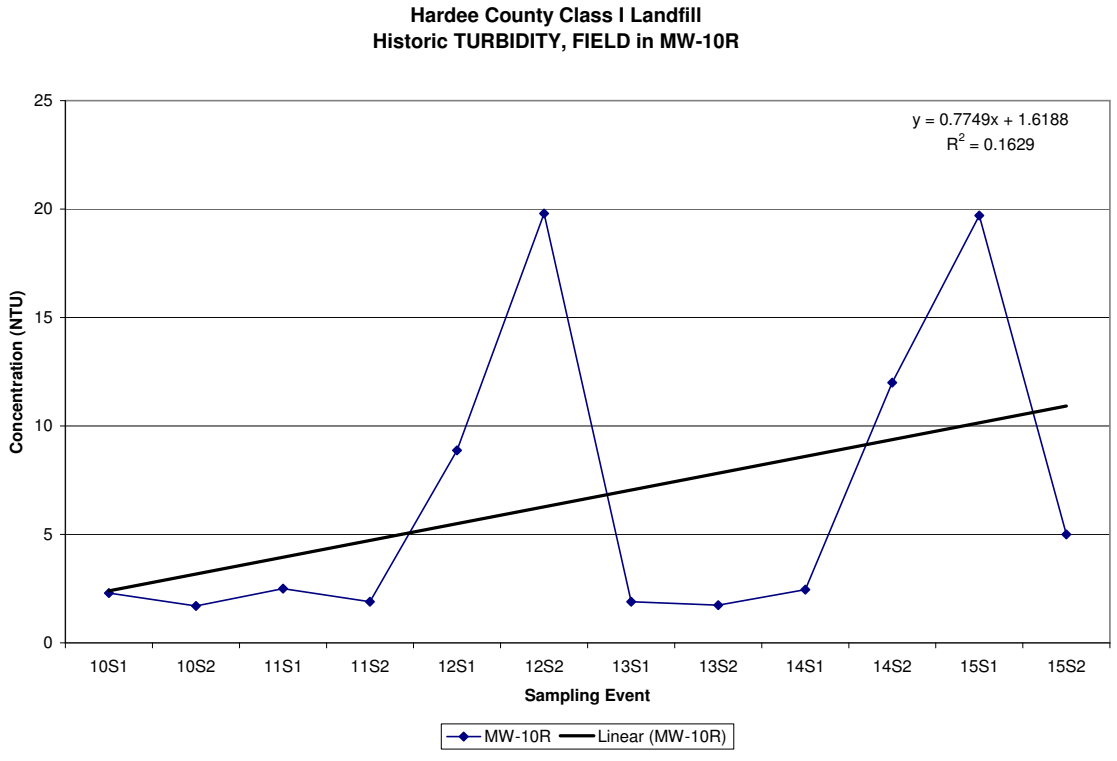
Hardee County Class I Landfill
Historic TURBIDITY, FIELD in MW-1



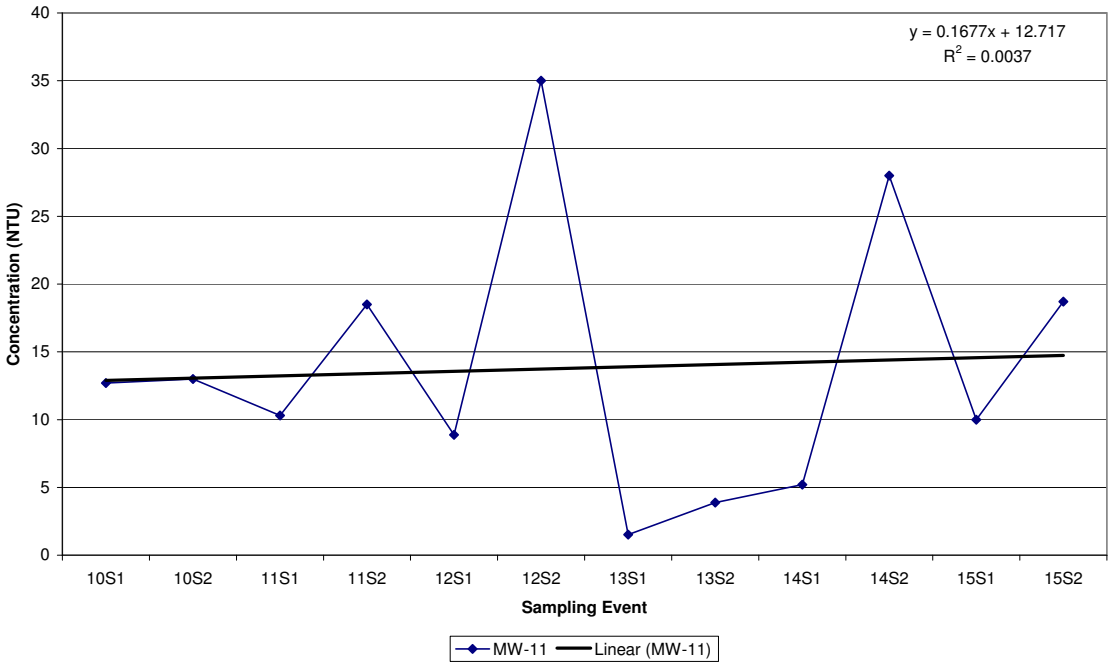
Hardee County Class I Landfill
Historic TURBIDITY, FIELD in MW-2



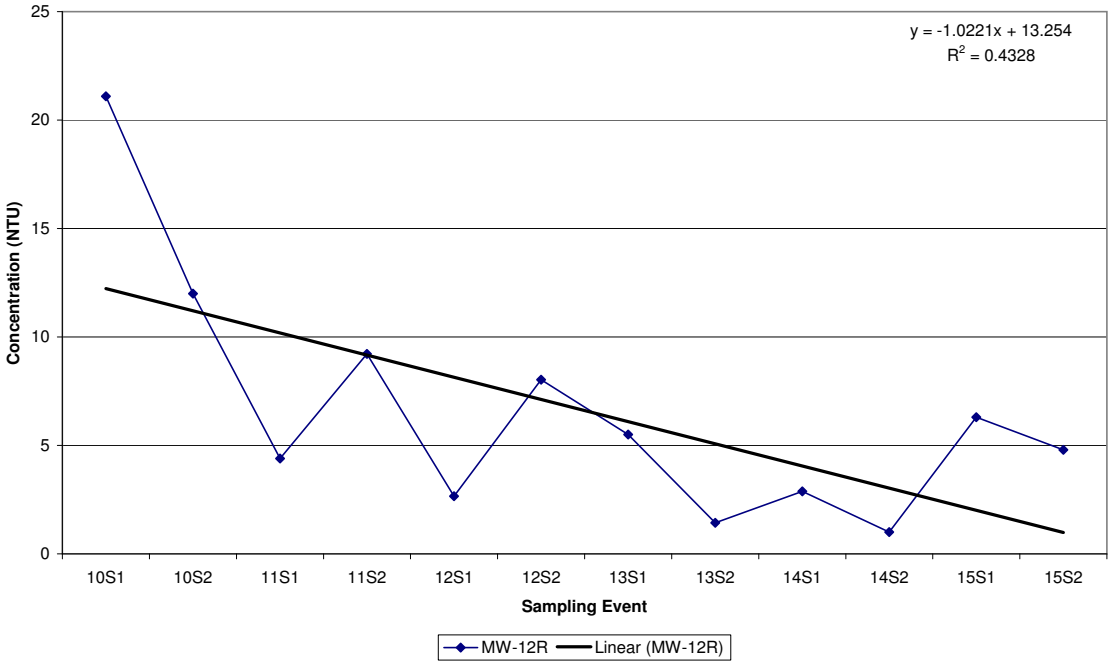

Hardee County Class I Landfill
Historic TURBIDITY, FIELD in MW-4
y = 0.2731x + 3.2512
R2 = 0.0797
Concentration (NTU)
0
2
4
6
8
10
12
14
16
10S1
10S2
11S1
11S2
12S1
12S2
13S1
13S2
14S1
14S2
15S1
15S2
Sampling Event
MW-4
Linear (MW-4)


Hardee County Class I Landfill
Historic TURBIDITY, FIELD in MW-10R
y = 0.7749x + 1.6188
R2 = 0.1629
Concentration (NTU)
0
5
10
15
20
25
10S1
10S2
11S1
11S2
12S1
12S2
13S1
13S2
14S1
14S2
15S1
15S2
Sampling Event
MW-10R
Linear (MW-10R)

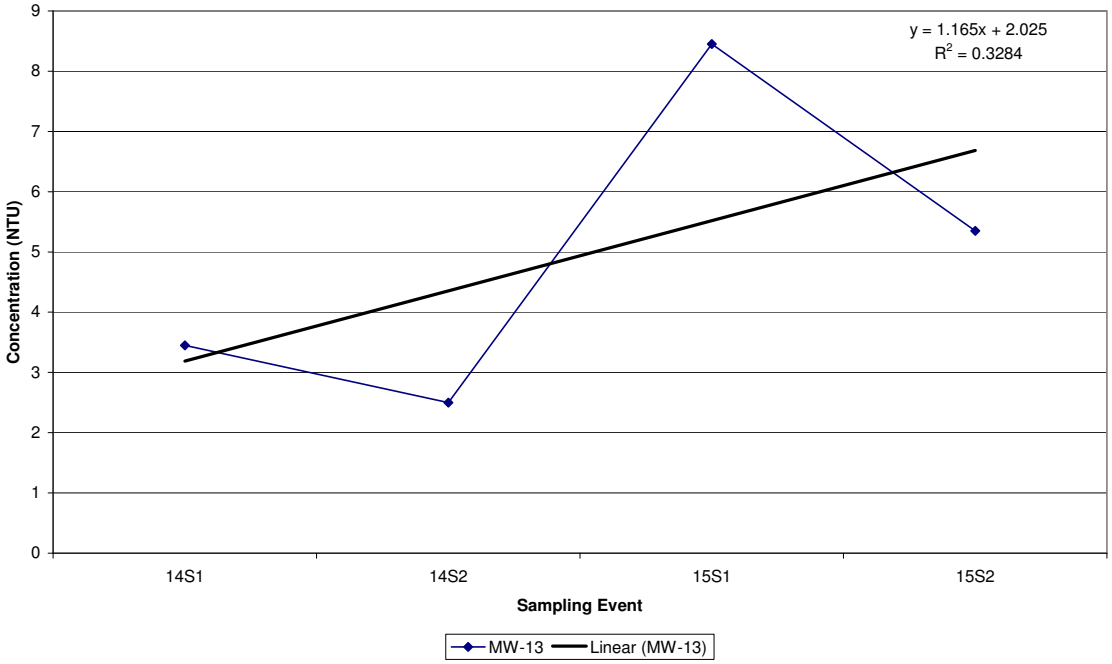
Hardee County Class I Landfill
Historic TURBIDITY, FIELD in MW-11



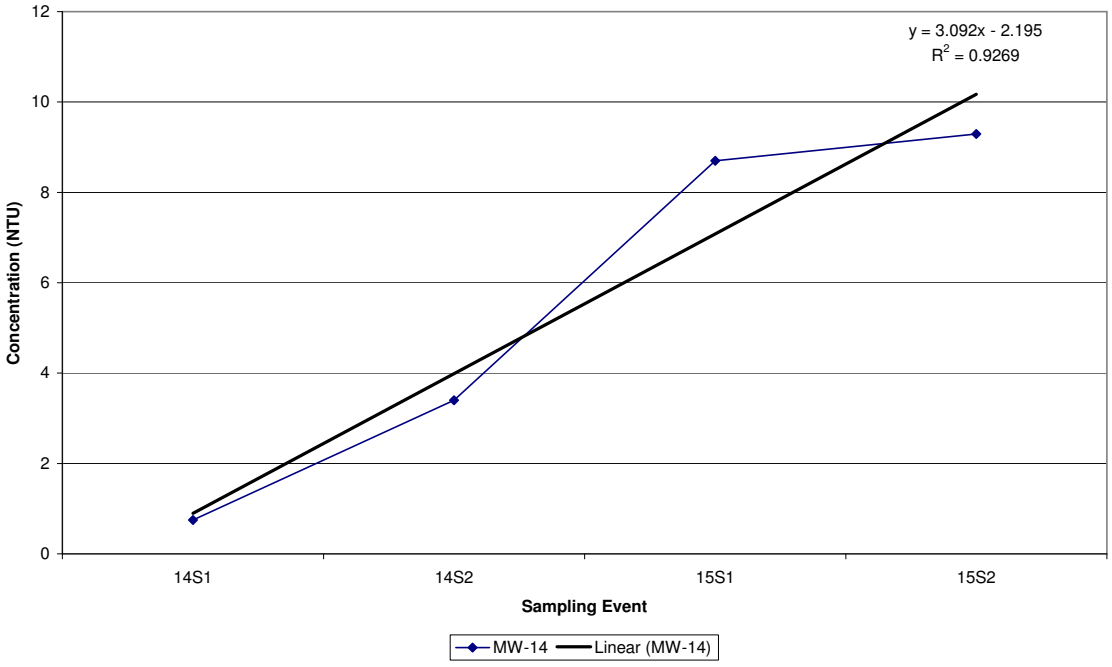
Hardee County Class I Landfill
Historic TURBIDITY, FIELD in MW-12R



Hardee County Class I Landfill
Historic TURBIDITY, FIELD in MW-13

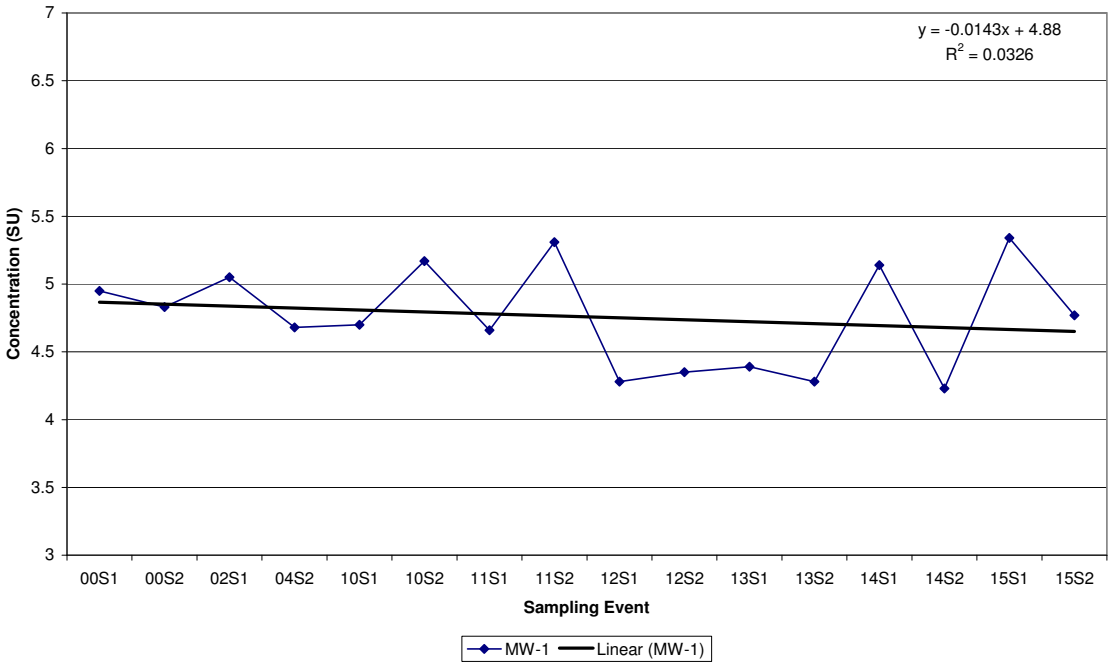


Hardee County Class I Landfill
Historic TURBIDITY, FIELD in MW-14

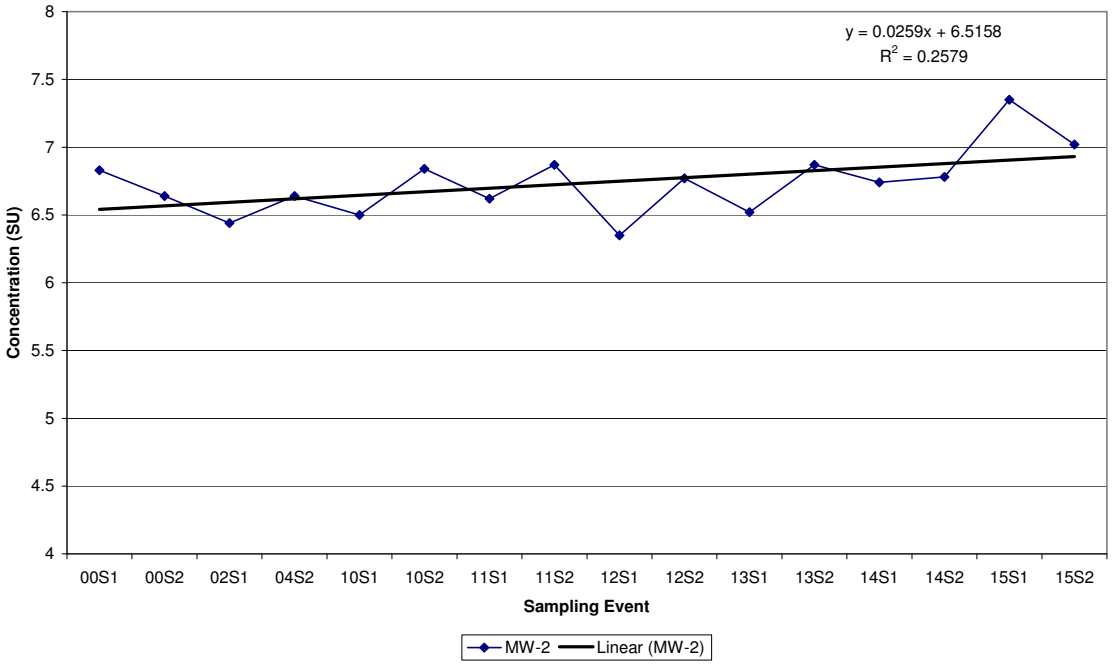


Historical pH Data

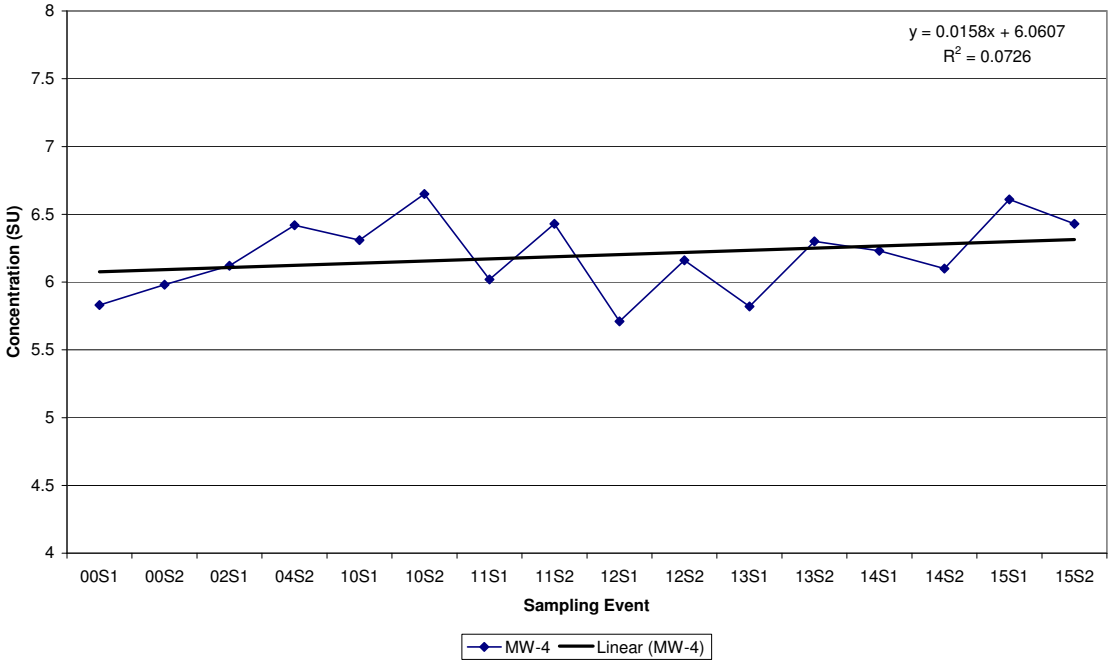
Hardee County Class I Landfill
Historic PH, FIELD in MW-1



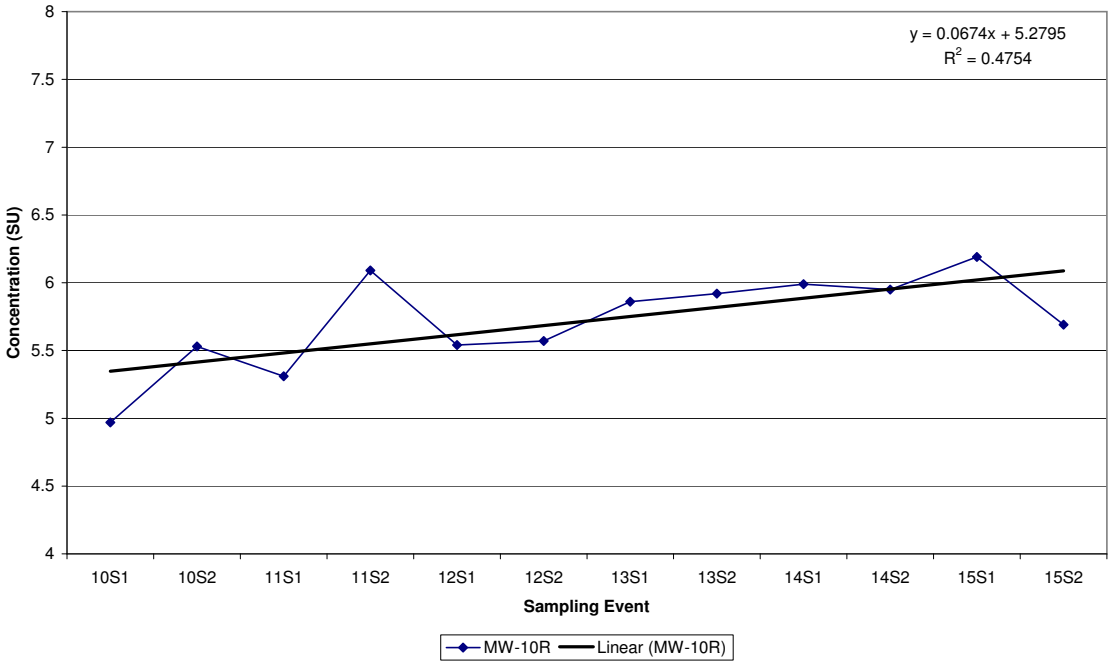
Hardee County Class I Landfill
Historic PH, FIELD in MW-2



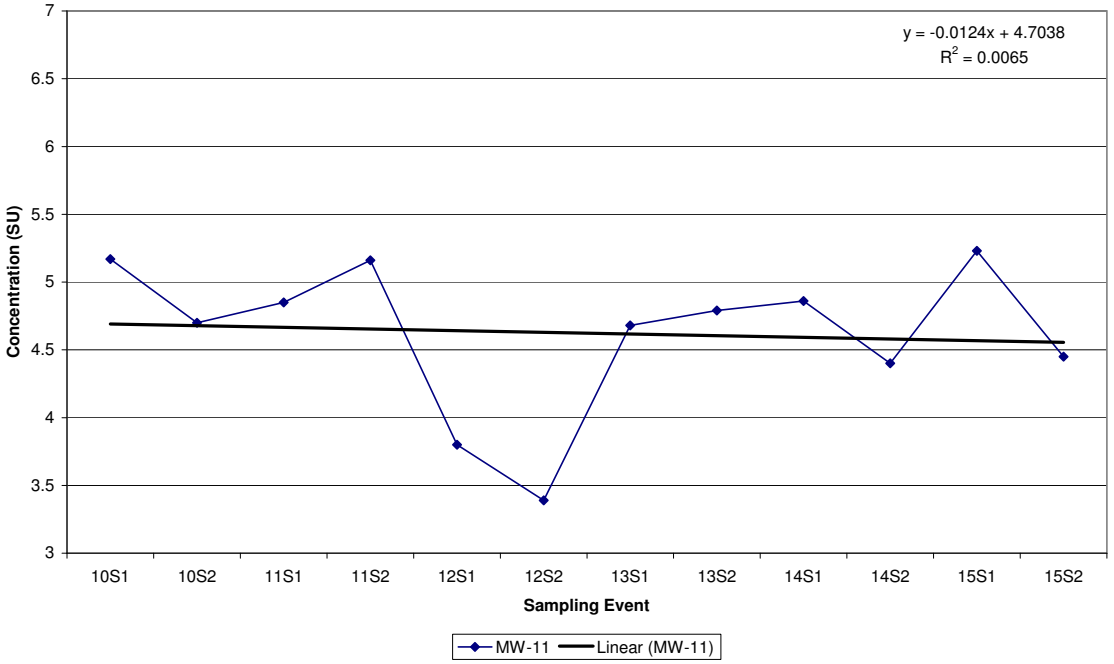
Hardee County Class I Landfill
Historic PH, FIELD in MW-4



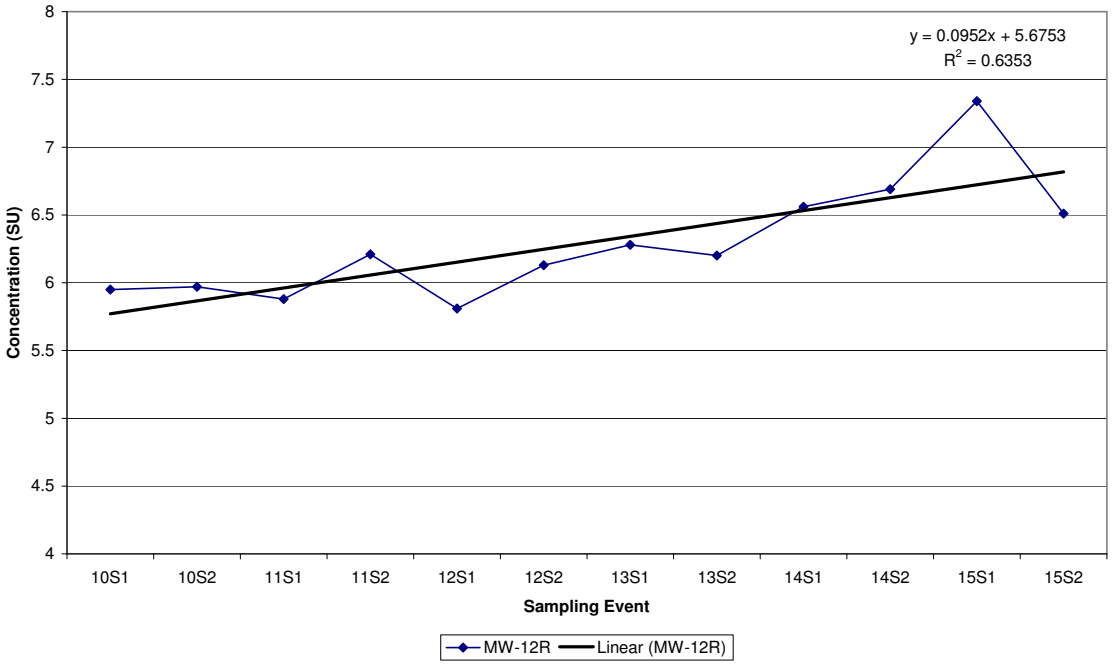
Hardee County Class I Landfill
Historic PH, FIELD in MW-10R



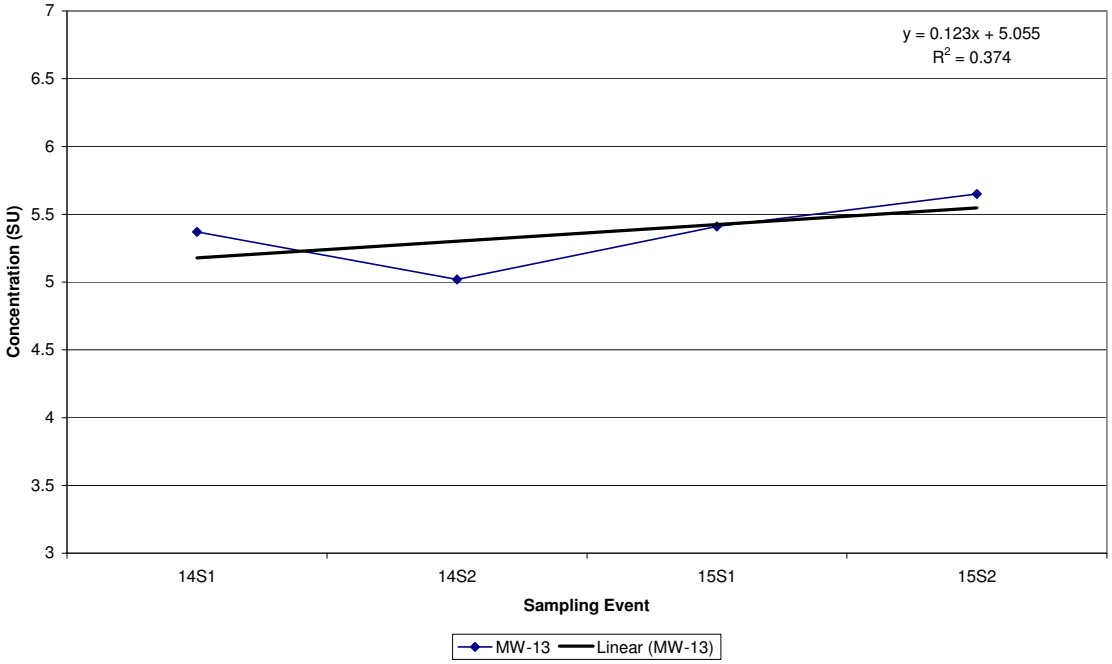
Hardee County Class I Landfill
Historic PH, FIELD in MW-11



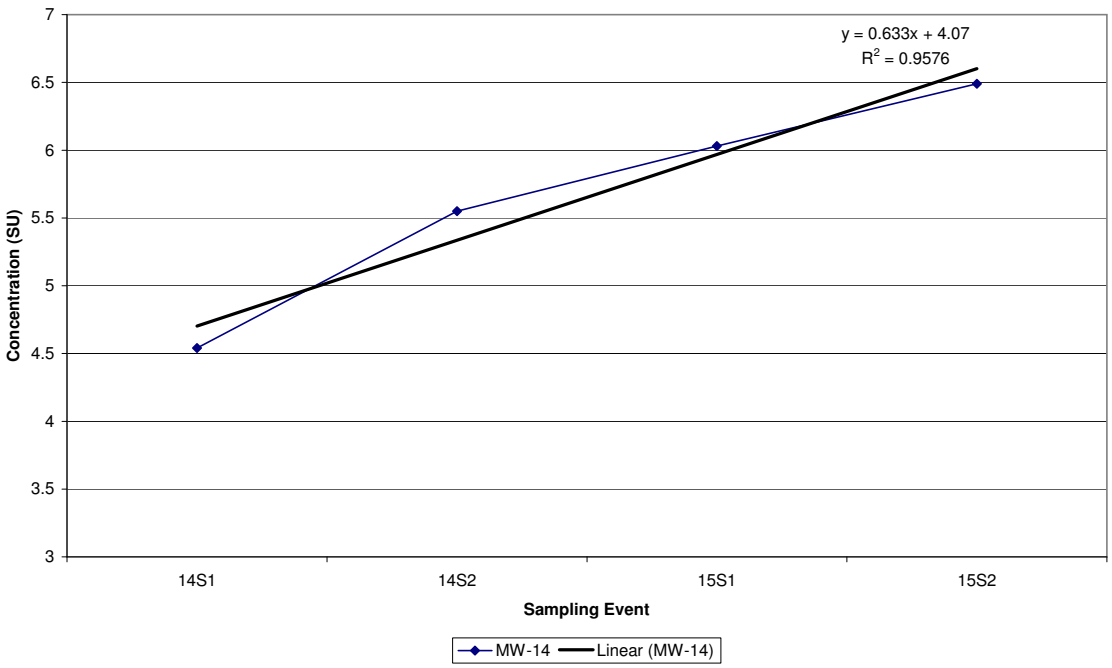
Hardee County Class I Landfill
Historic PH, FIELD in MW-12R



Hardee County Class I Landfill
Historic PH, FIELD in MW-13

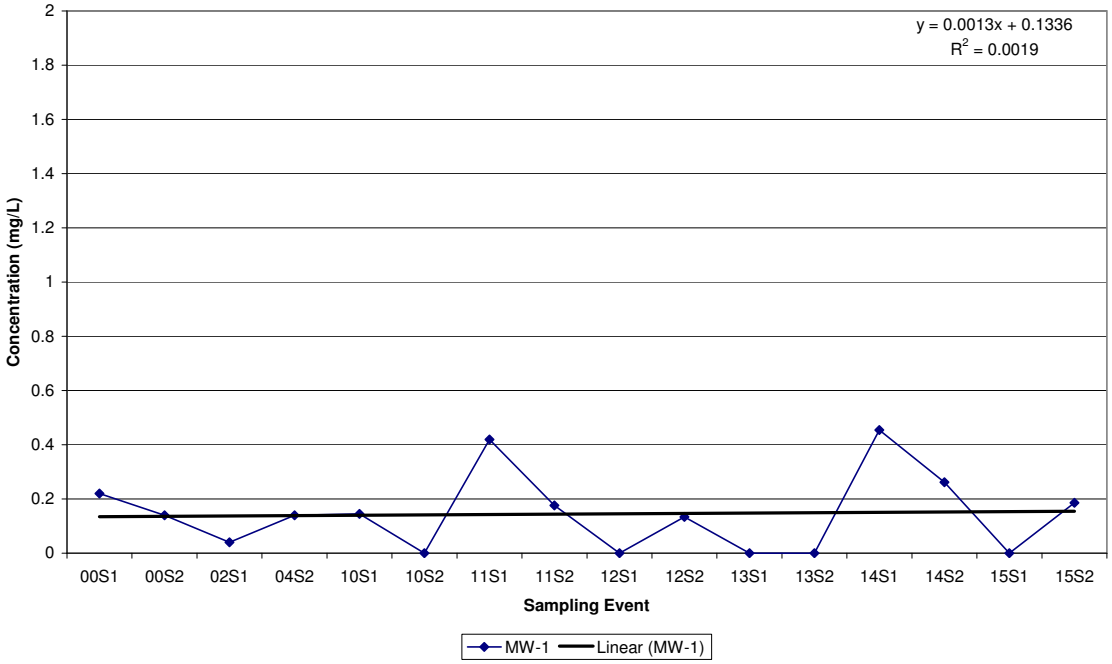


Hardee County Class I Landfill
Historic PH, FIELD in MW-14

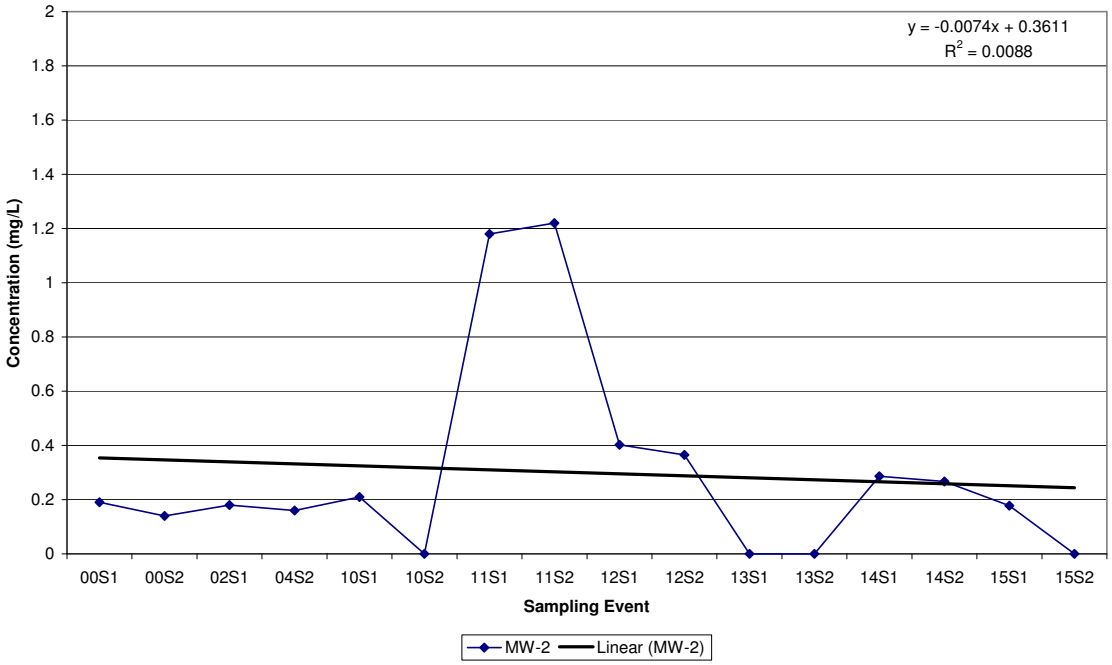


Historical Ammonia-Nitrogen Data

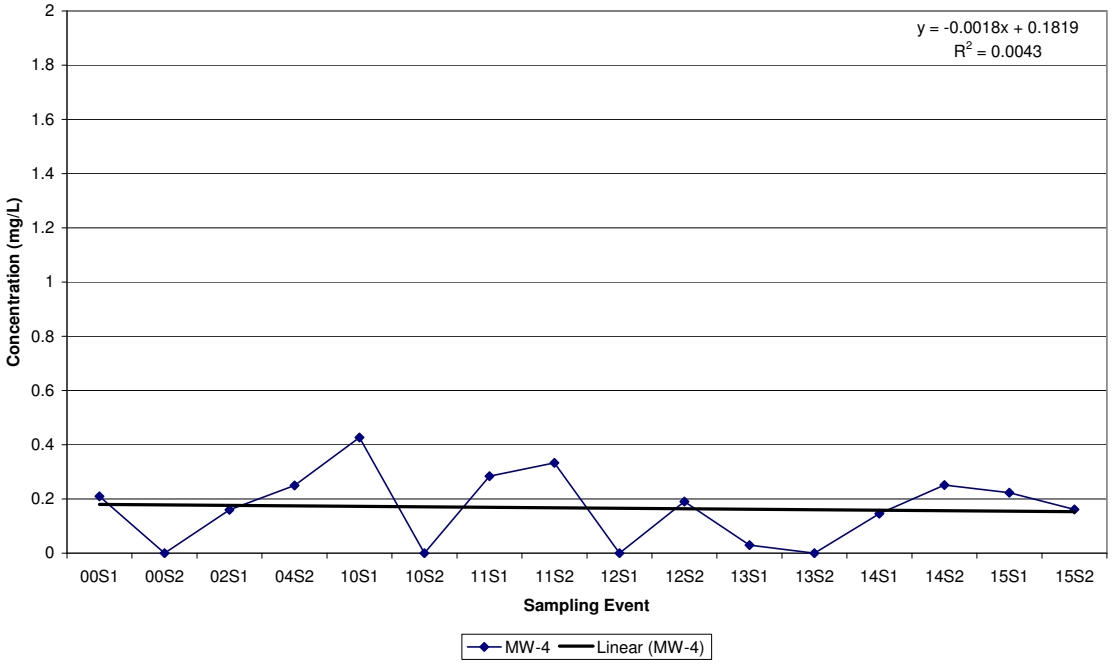
Hardee County Class I Landfill
Historic AMMONIA (NH3) TOTAL AS N in MW-1



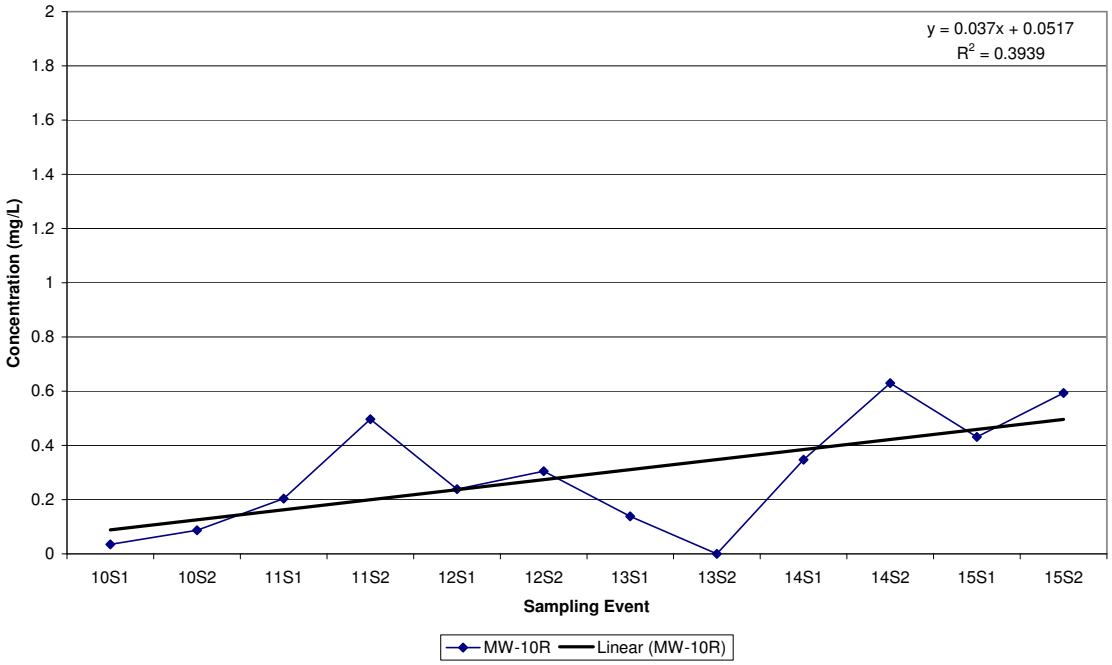
Hardee County Class I Landfill
Historic AMMONIA (NH3) TOTAL AS N in MW-2



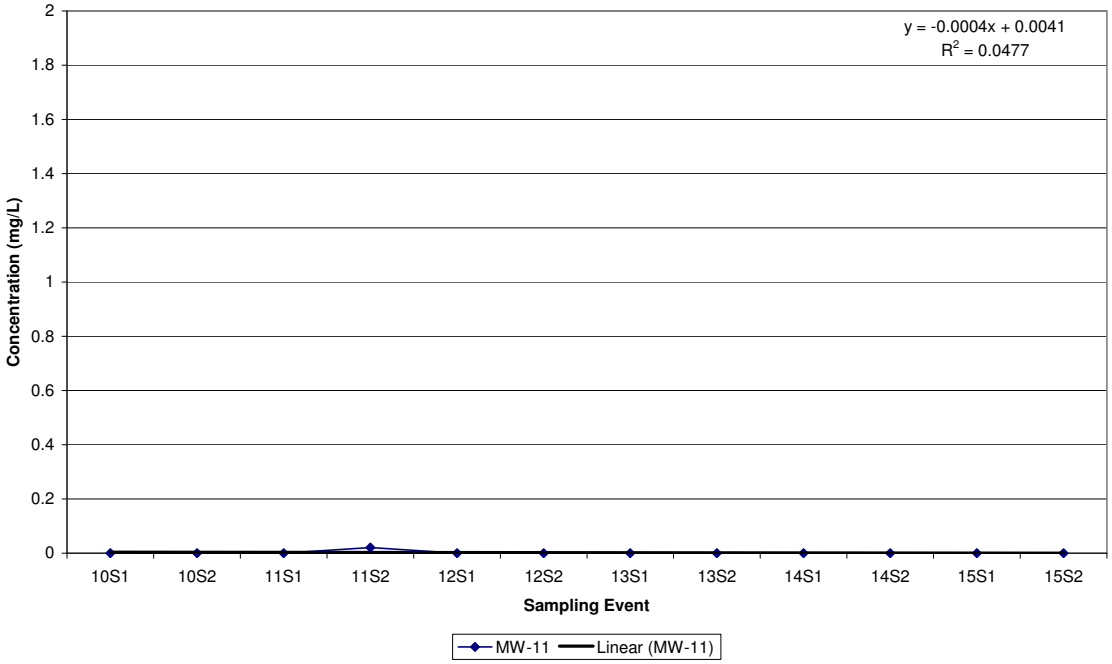
Hardee County Class I Landfill
Historic AMMONIA (NH3) TOTAL AS N in MW-4



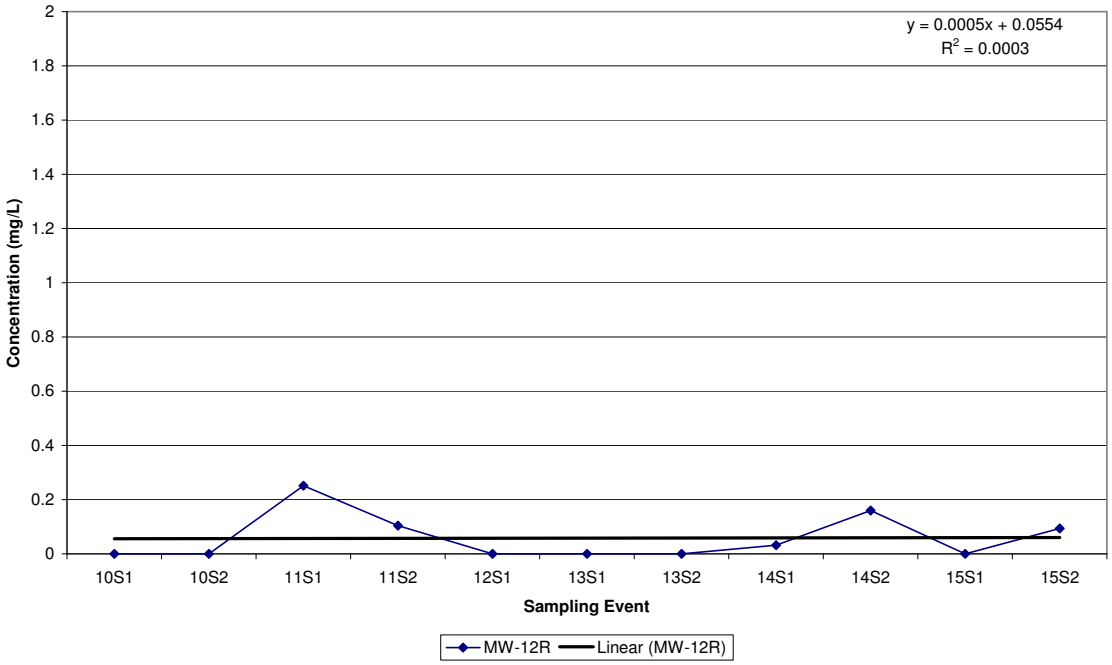
Hardee County Class I Landfill
Historic AMMONIA (NH3) TOTAL AS N in MW-10R



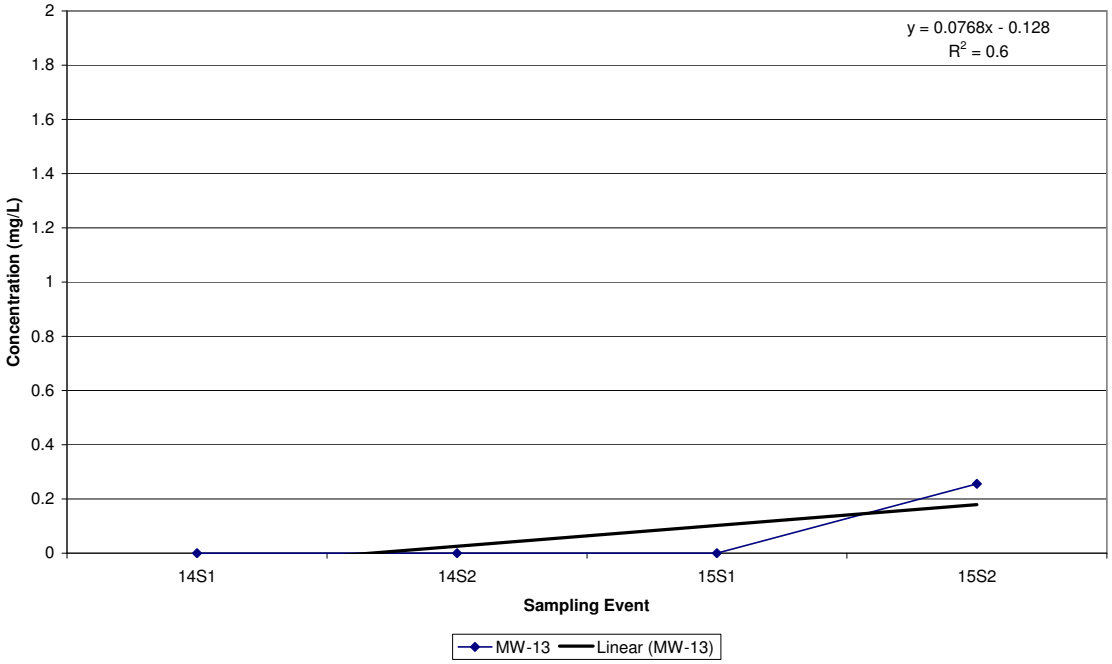
Hardee County Class I Landfill
Historic AMMONIA (NH3) TOTAL AS N in MW-11



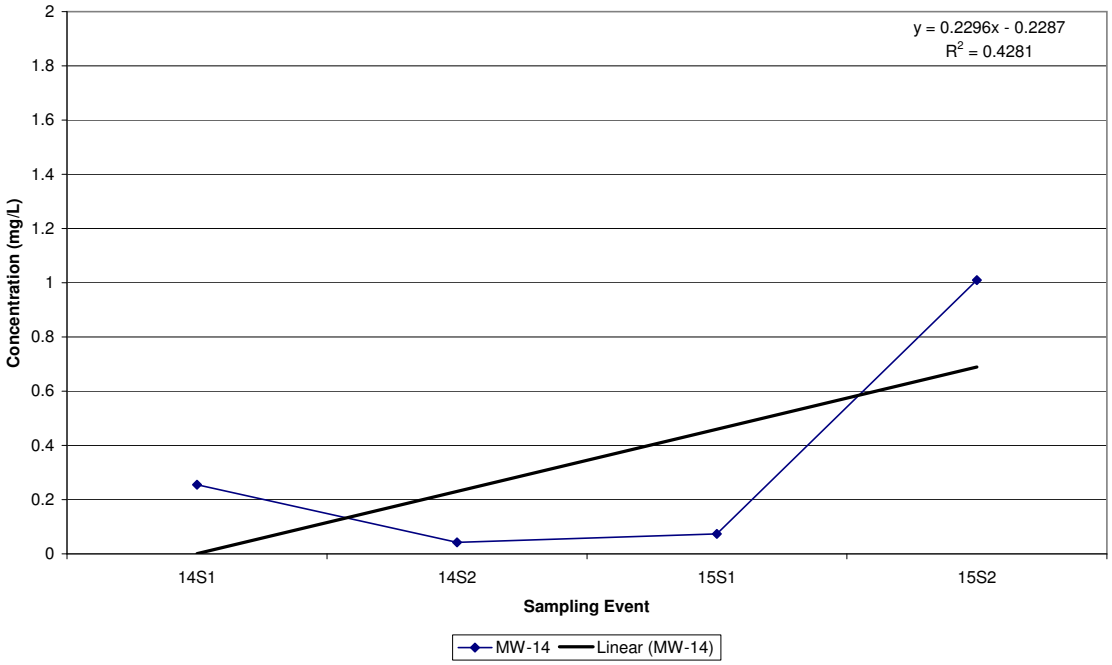
Hardee County Class I Landfill
Historic AMMONIA (NH3) TOTAL AS N in MW-12R



Hardee County Class I Landfill
Historic AMMONIA (NH3) TOTAL AS N in MW-13

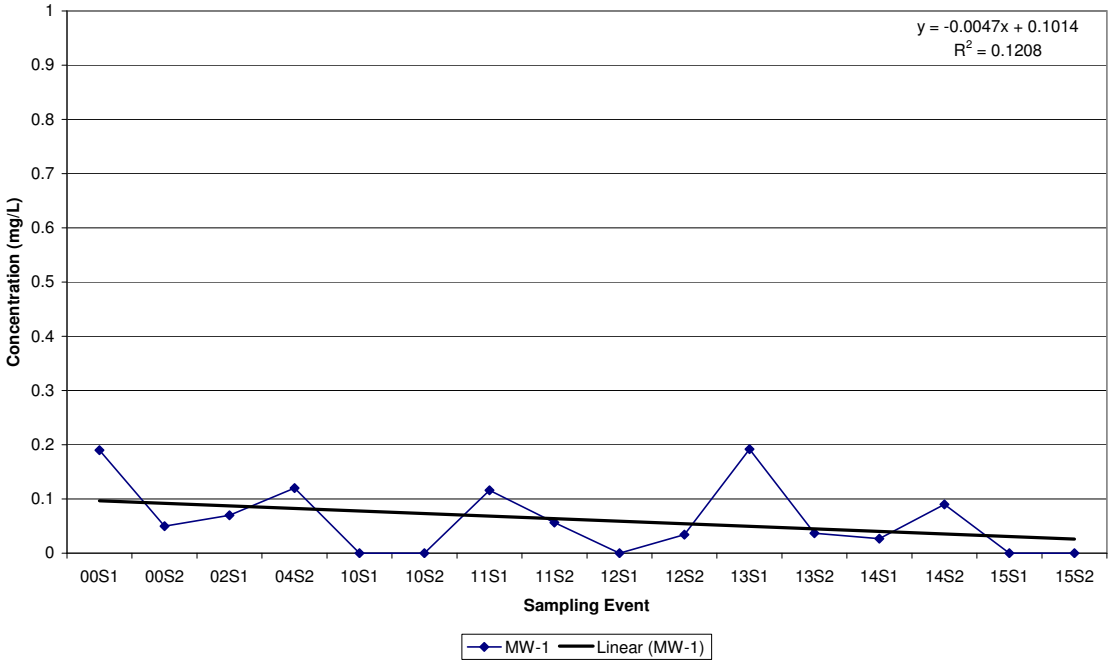


Hardee County Class I Landfill
Historic AMMONIA (NH3) TOTAL AS N in MW-14

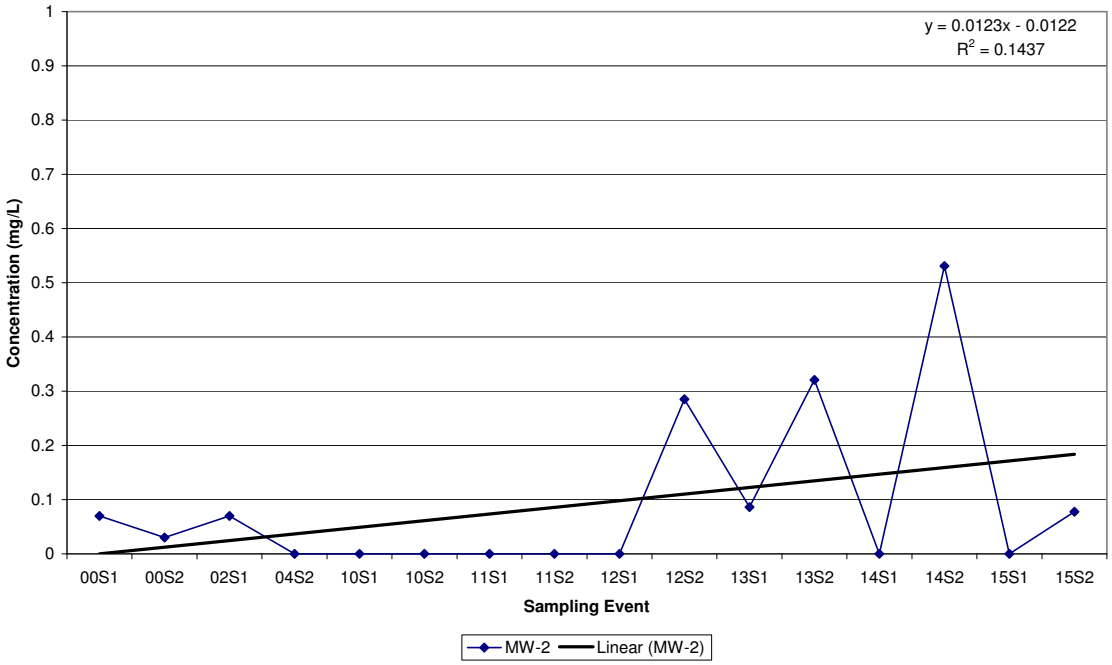


Historical Nitrate-Nitrogen Data

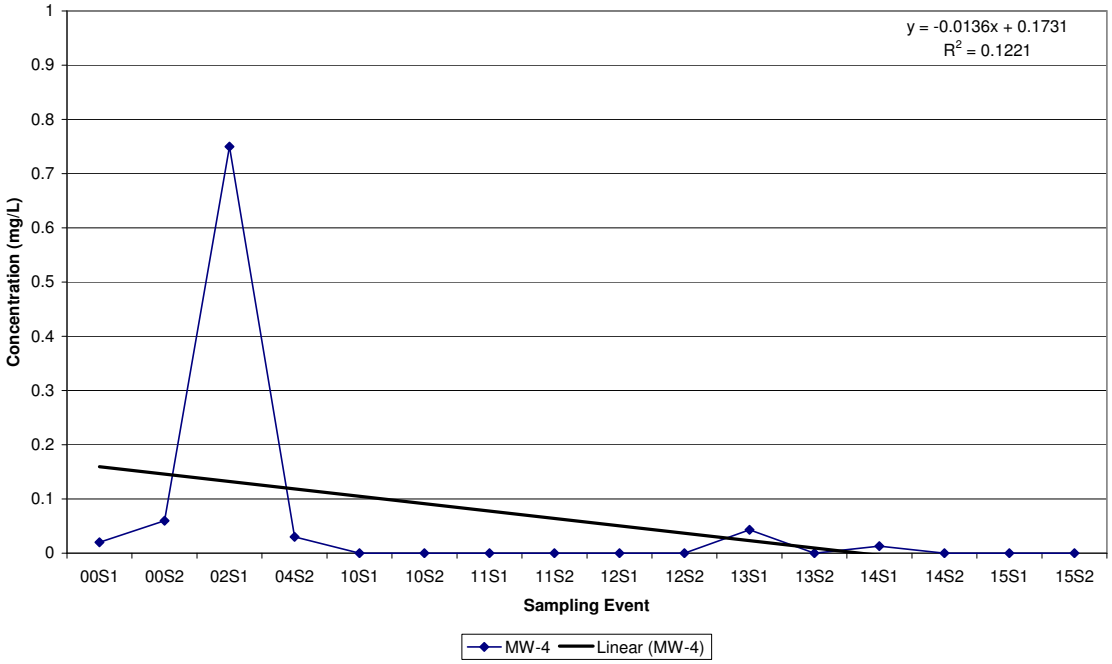
Hardee County Class I Landfill
Historic NITRATE (NO3) AS N in MW-1



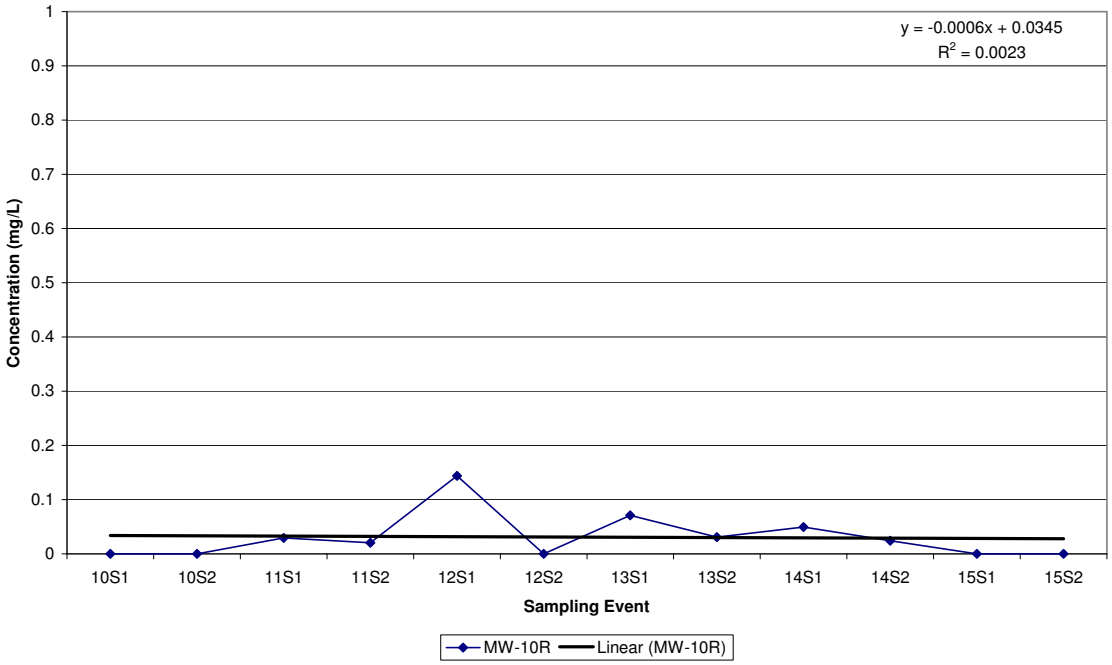
Hardee County Class I Landfill
Historic NITRATE (NO3) AS N in MW-2



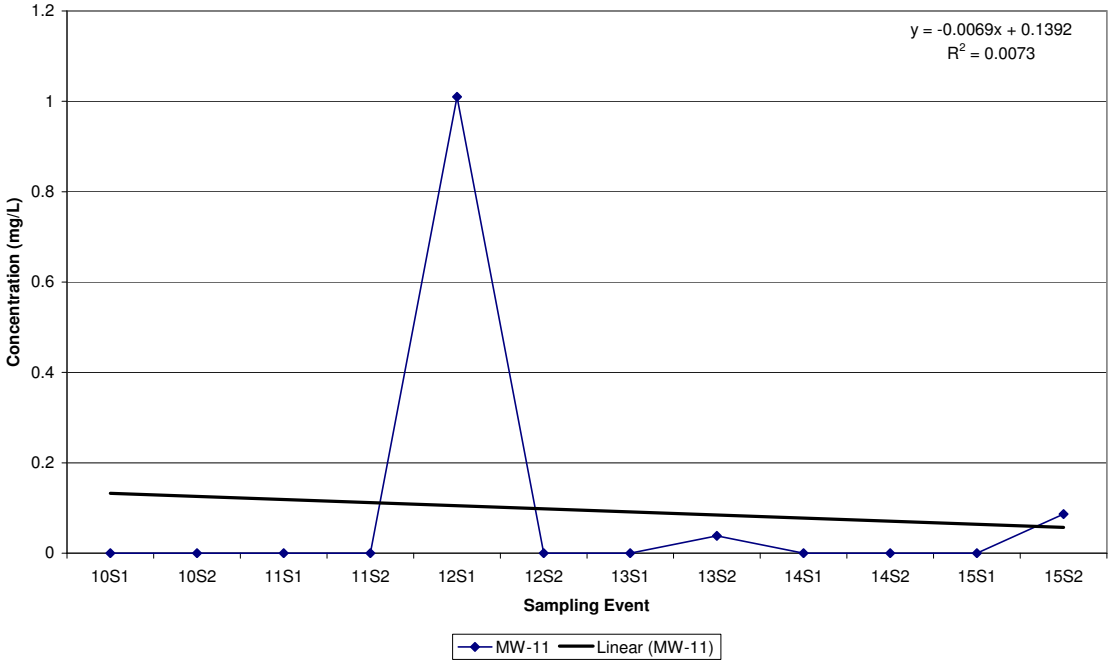
Hardee County Class I Landfill
Historic NITRATE (NO3) AS N in MW-4



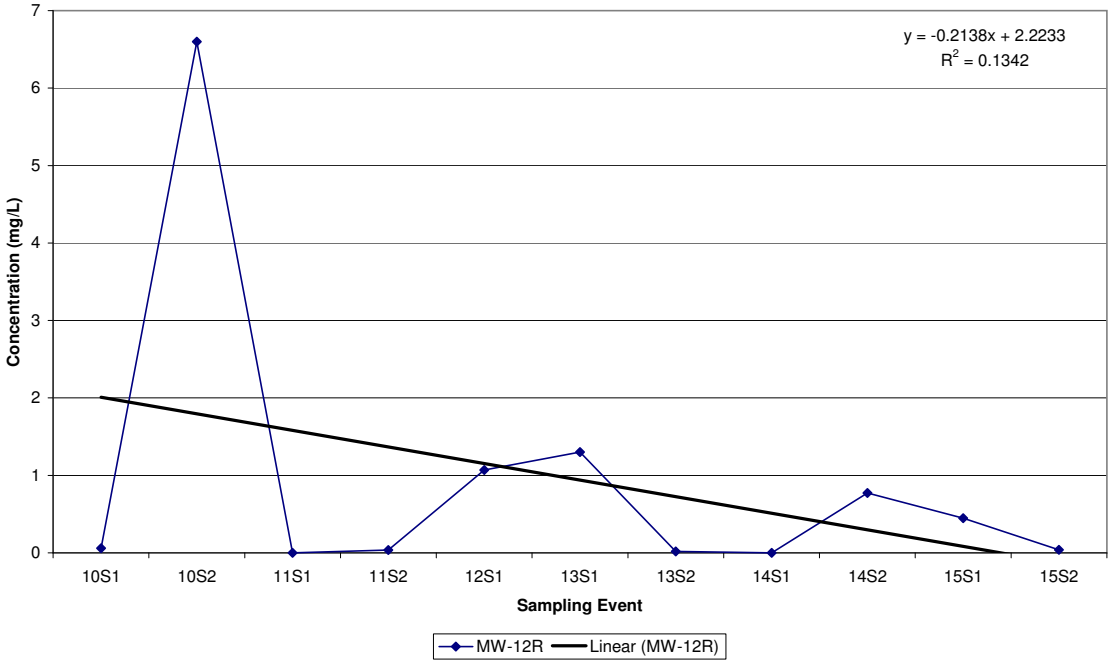
Hardee County Class I Landfill
Historic NITRATE (NO3) AS N in MW-10R



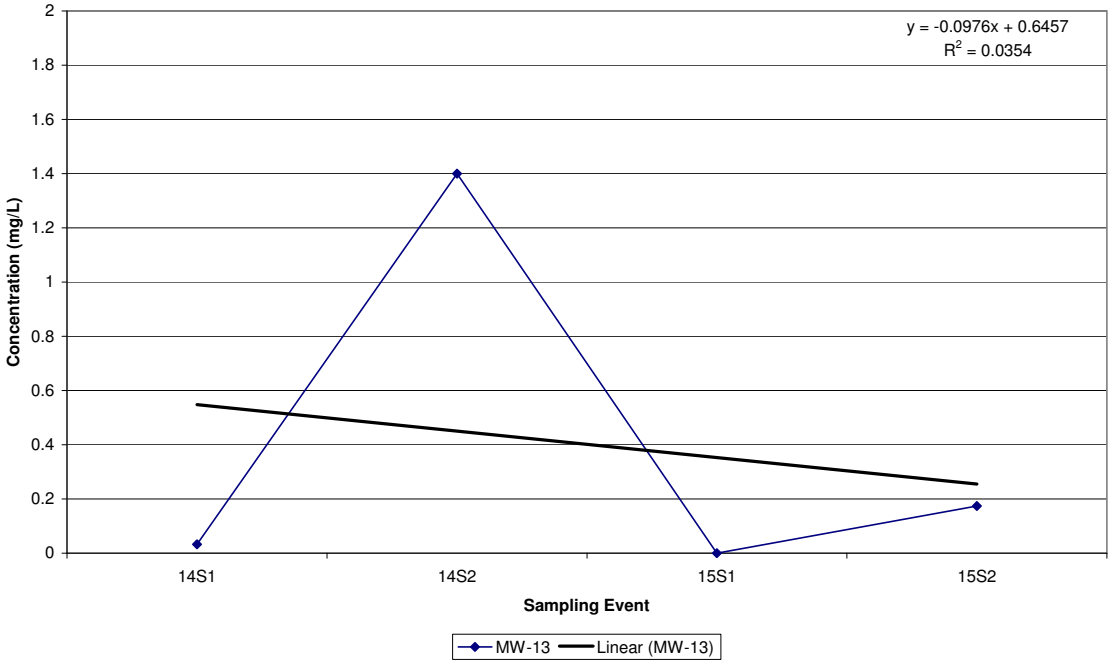
Hardee County Class I Landfill
Historic NITRATE (NO3) AS N in MW-11



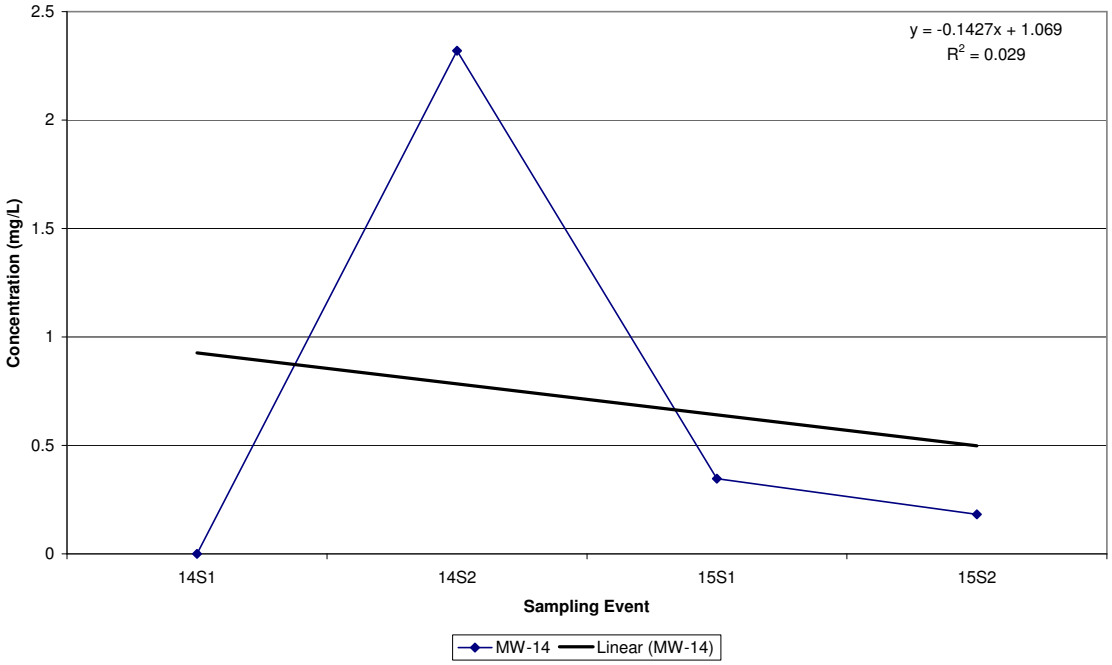
Hardee County Class I Landfill
Historic NITRATE (NO3) AS N in MW-12R



Hardee County Class I Landfill
Historic NITRATE (NO3) AS N in MW-13

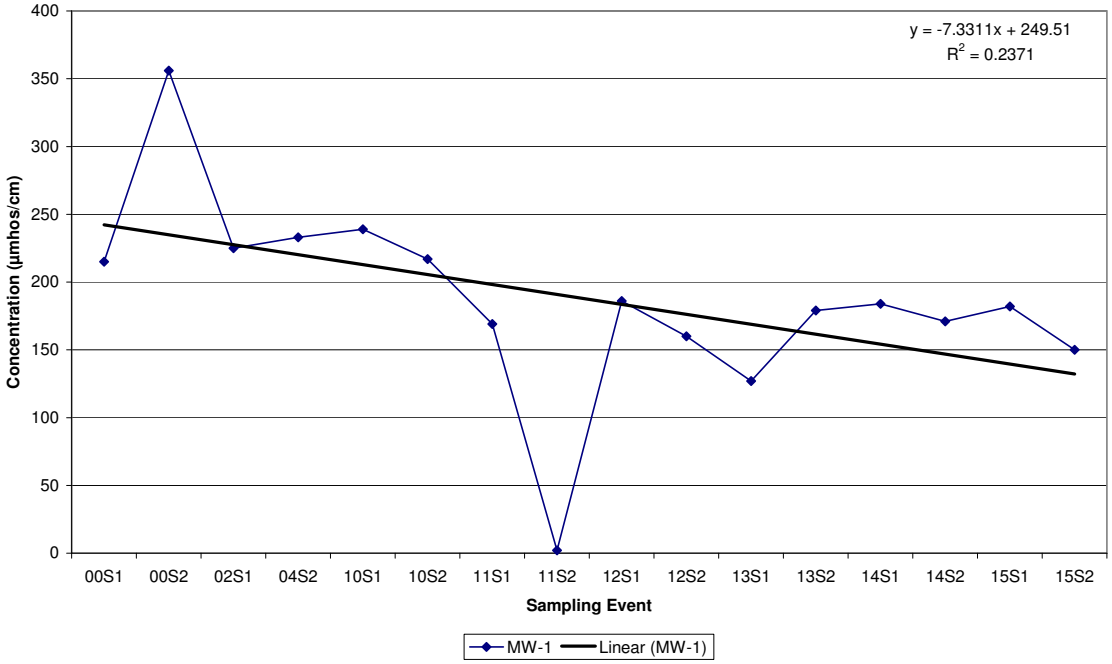


Hardee County Class I Landfill
Historic NITRATE (NO3) AS N in MW-14

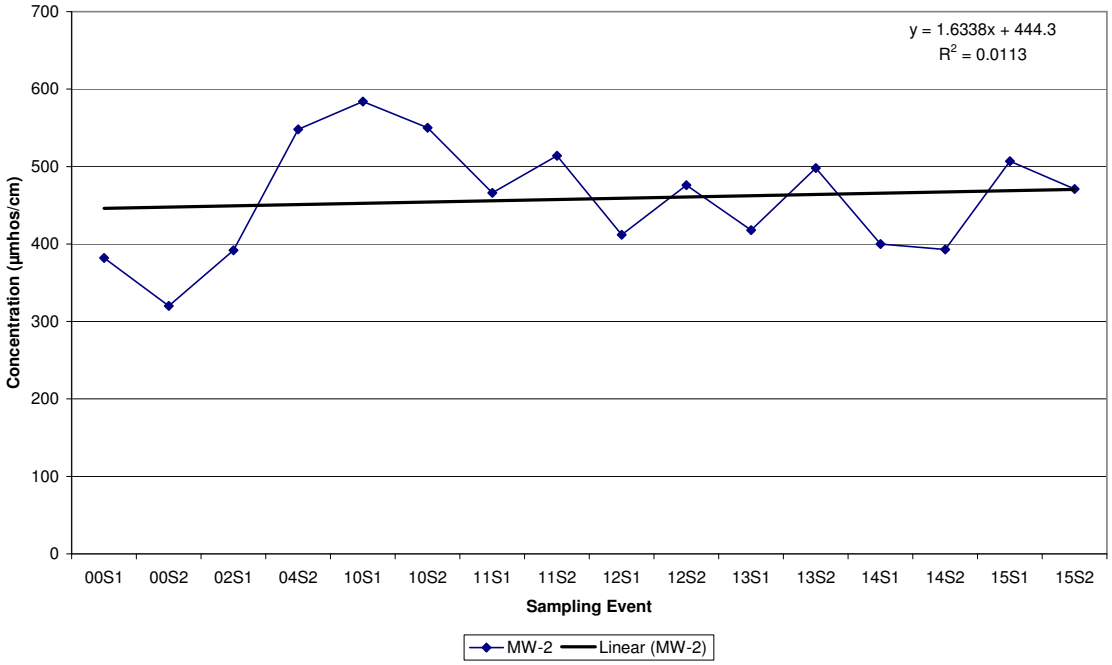


Historical Conductivity Data

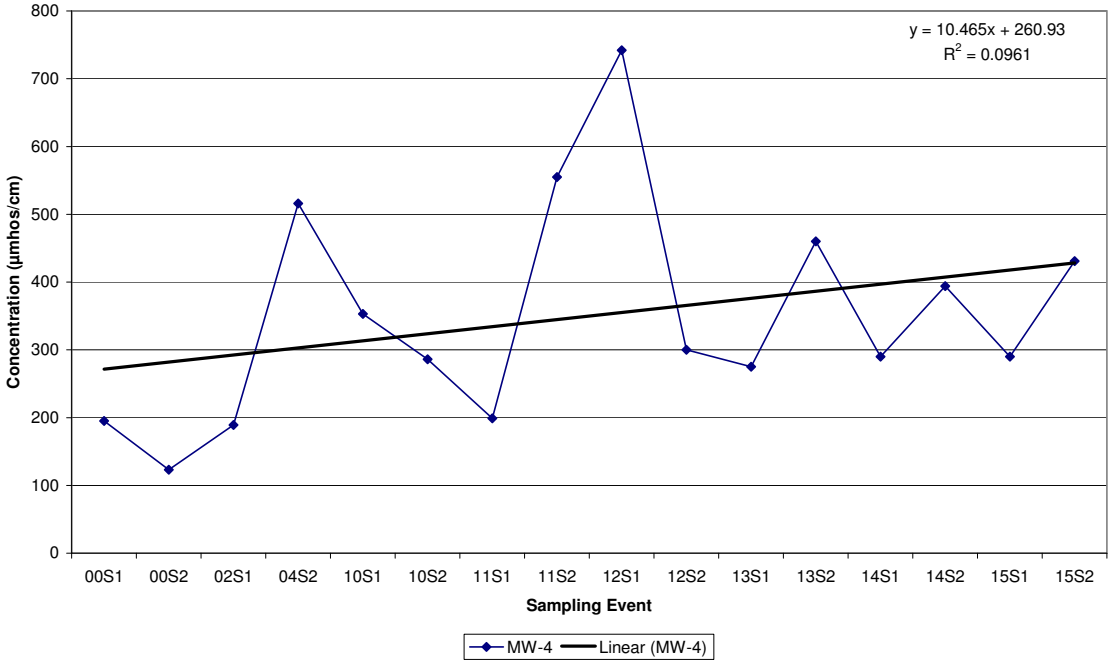
Hardee County Class I Landfill
Historic SPEC. CONDUCTANCE (FIELD) in MW-1



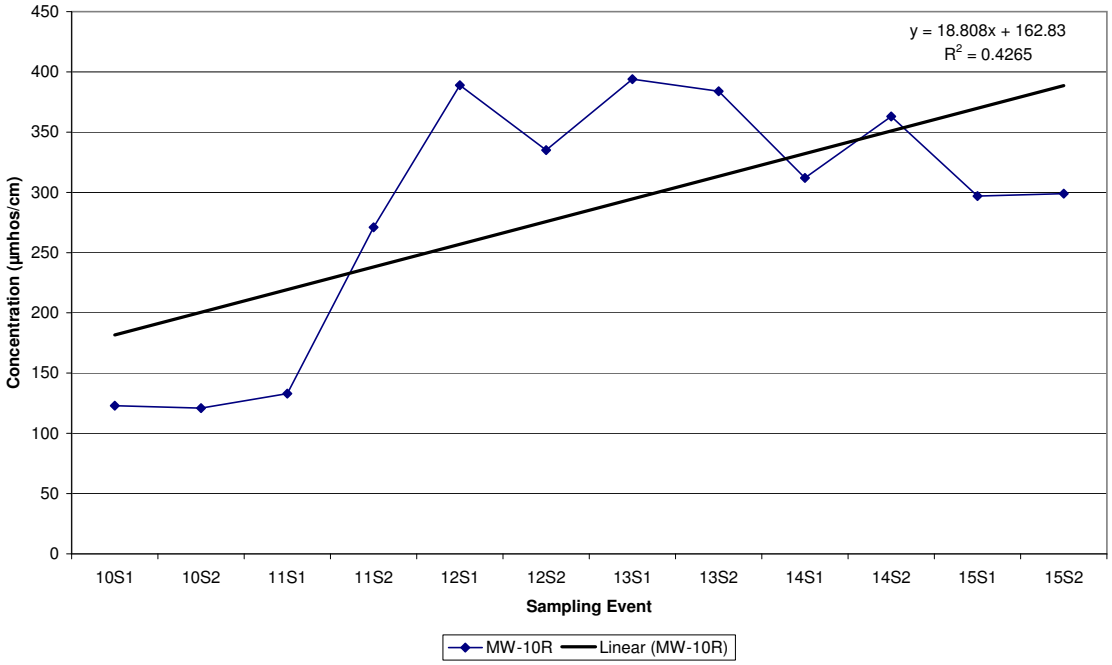
Hardee County Class I Landfill
Historic SPEC. CONDUCTANCE (FIELD) in MW-2



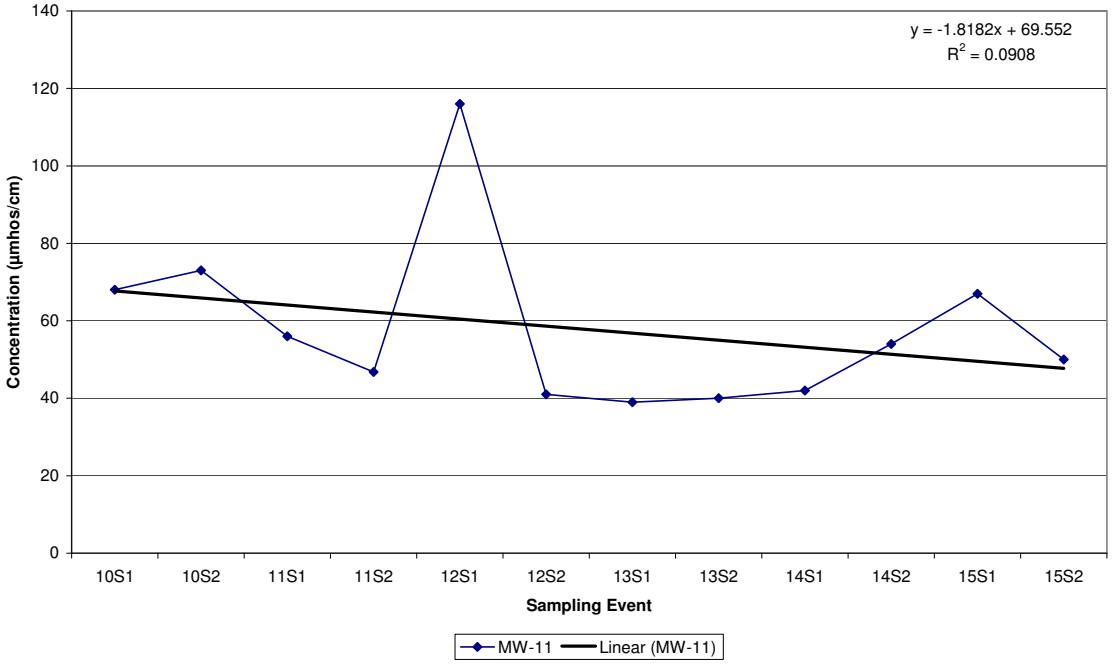
Hardee County Class I Landfill
Historic SPEC. CONDUCTANCE (FIELD) in MW-4



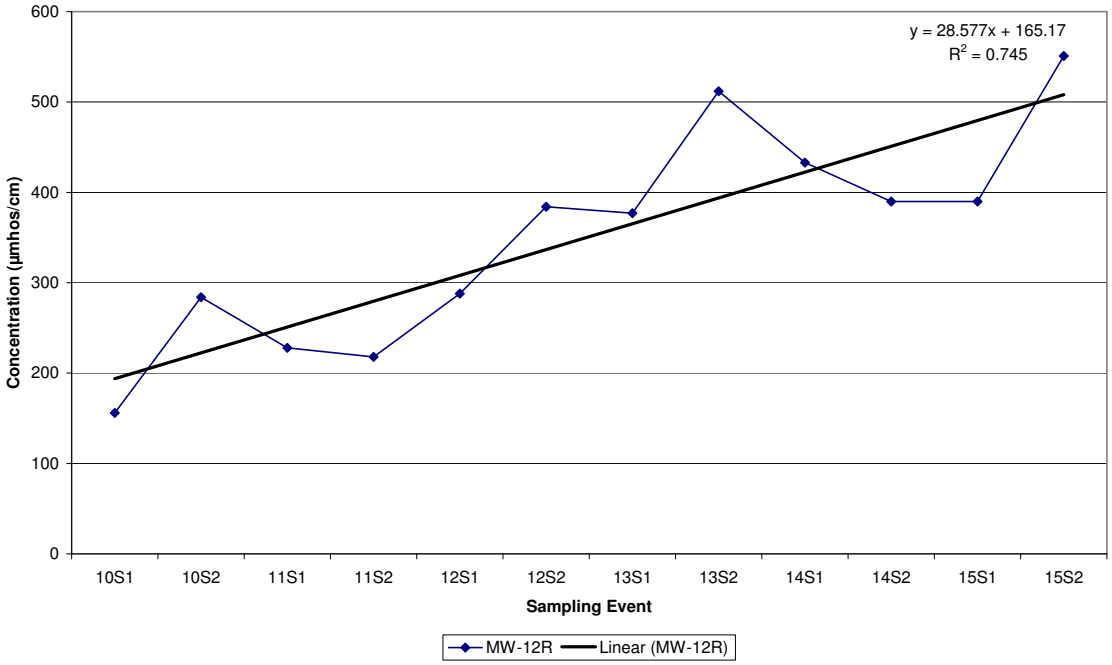
Hardee County Class I Landfill
Historic SPEC. CONDUCTANCE (FIELD) in MW-10R



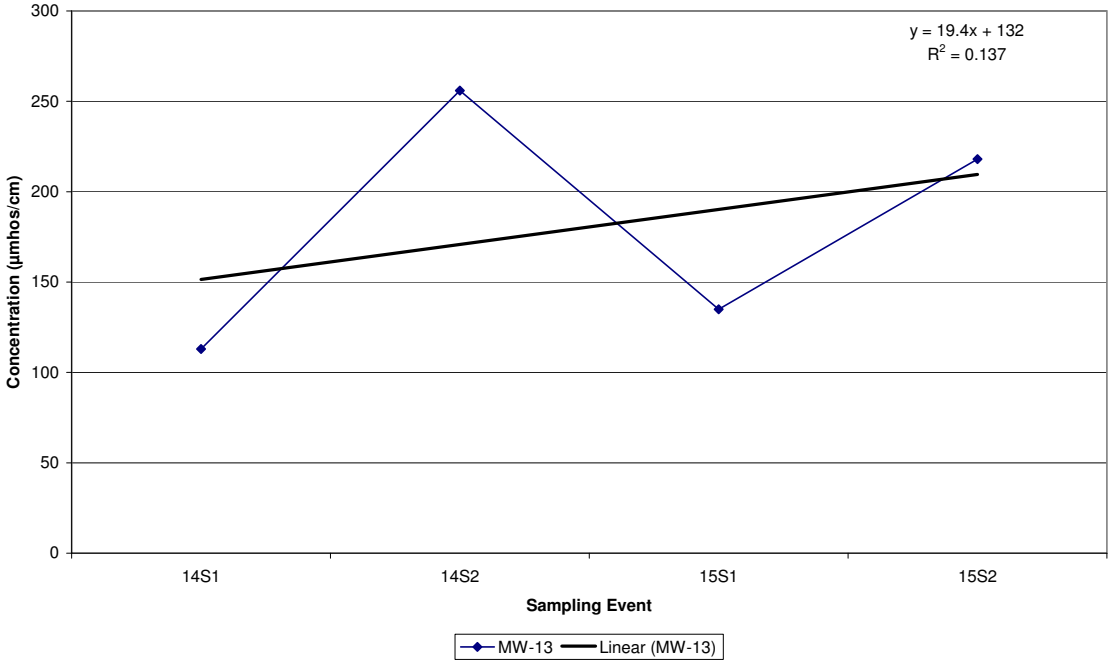
Hardee County Class I Landfill
Historic SPEC. CONDUCTANCE (FIELD) in MW-11



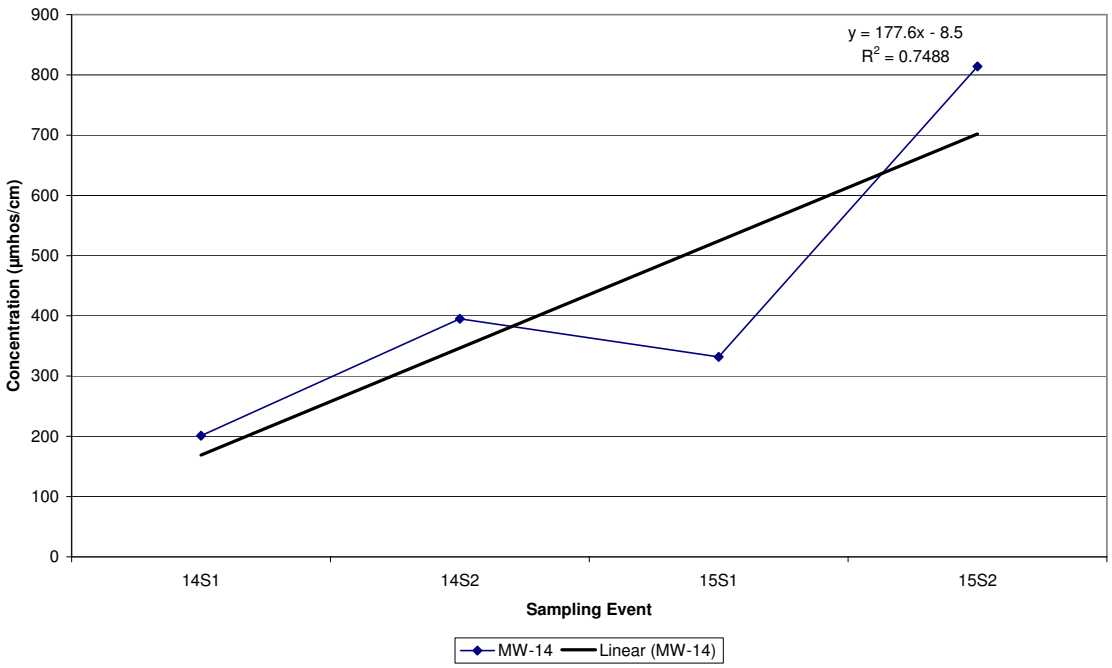
Hardee County Class I Landfill
Historic SPEC. CONDUCTANCE (FIELD) in MW-12R



Hardee County Class I Landfill
Historic SPEC. CONDUCTANCE (FIELD) in MW-13

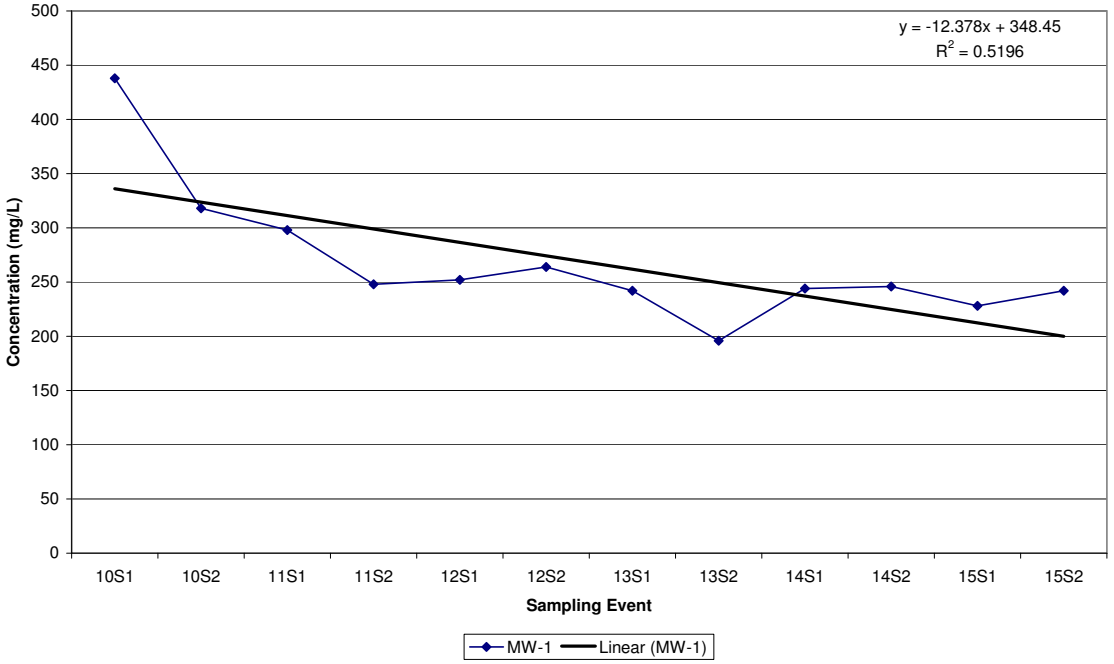


Hardee County Class I Landfill
Historic SPEC. CONDUCTANCE (FIELD) in MW-14

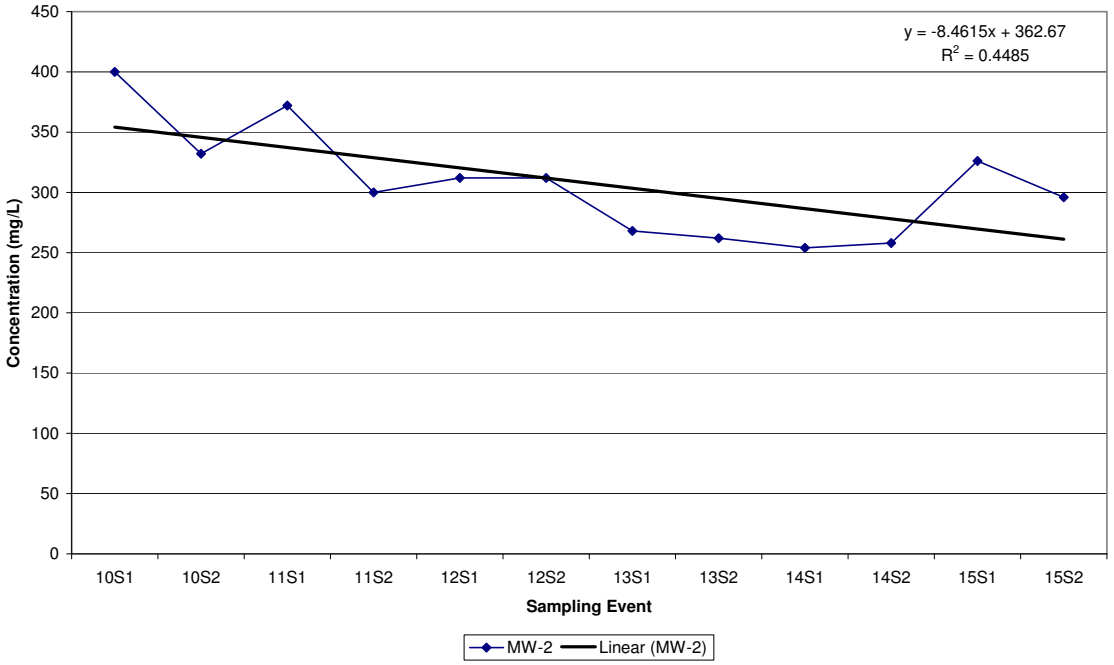


Historical Total Dissolved Solids Data

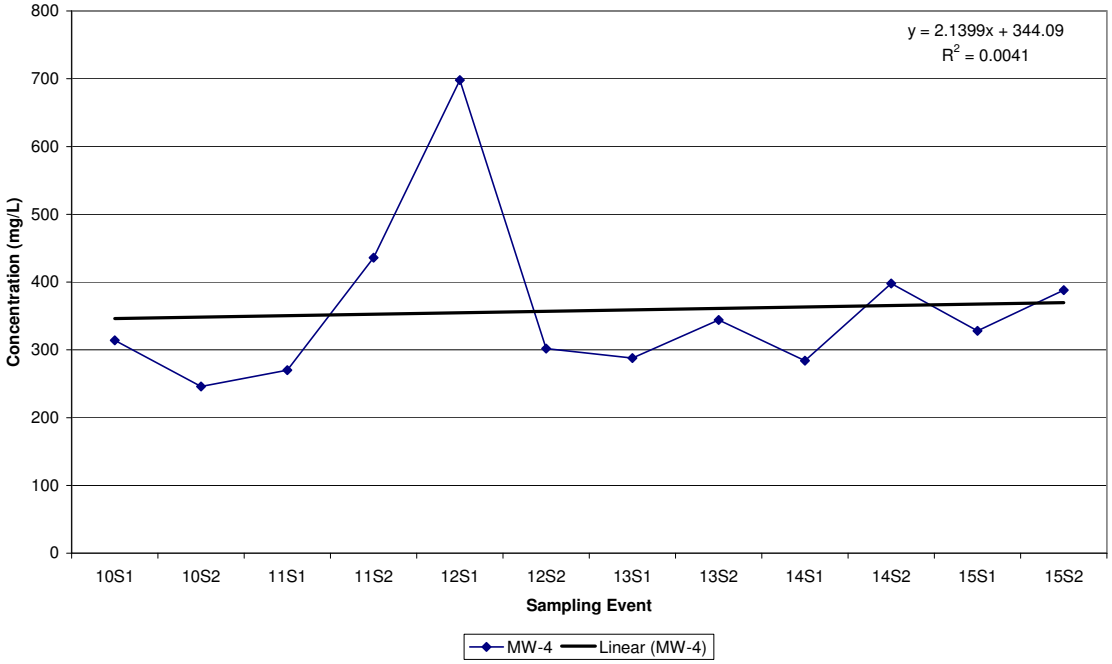
Hardee County Class I Landfill
Historic TOTAL DISSOLVED SOLIDS in MW-1



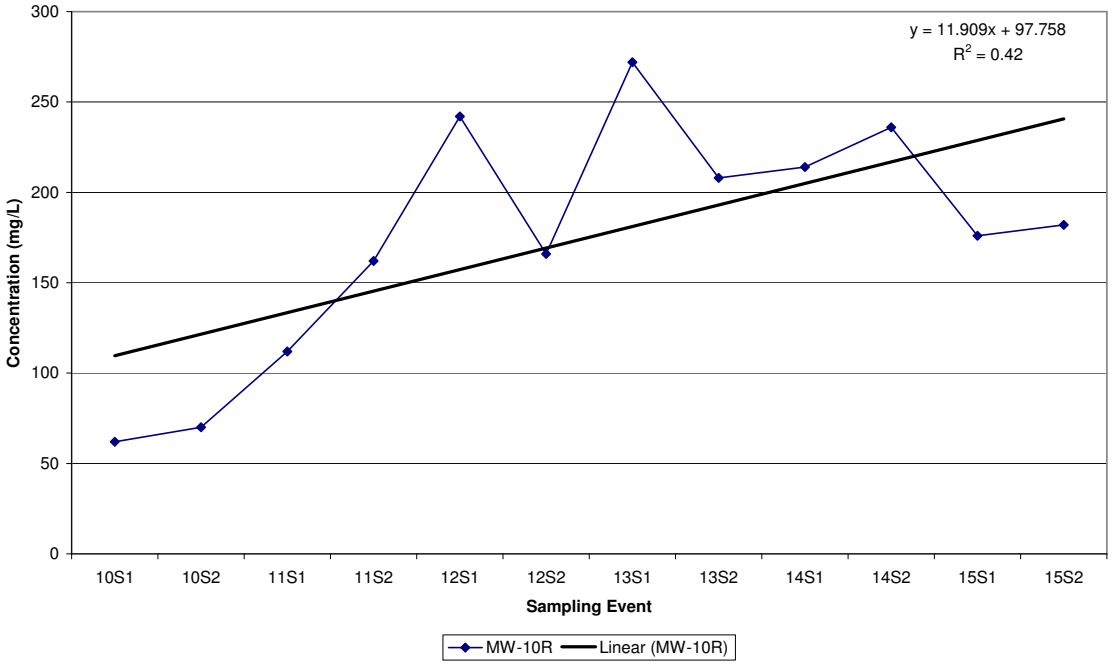
Hardee County Class I Landfill
Historic TOTAL DISSOLVED SOLIDS in MW-2



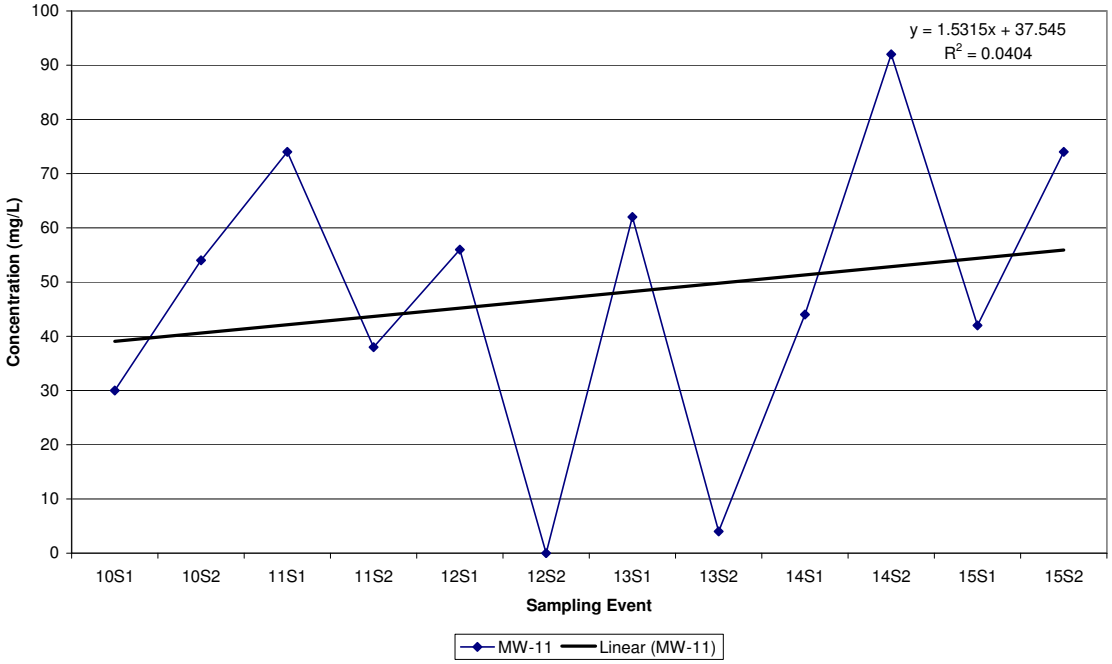
Hardee County Class I Landfill
Historic TOTAL DISSOLVED SOLIDS in MW-4



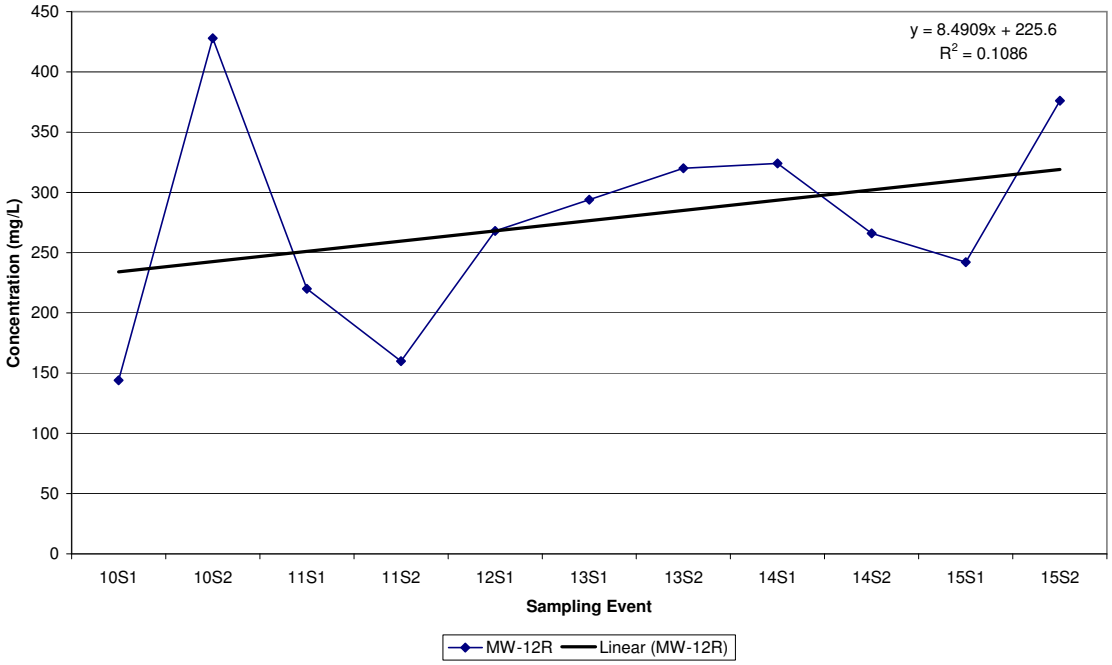
Hardee County Class I Landfill
Historic TOTAL DISSOLVED SOLIDS TDS, (RES DISS) in MW-10R



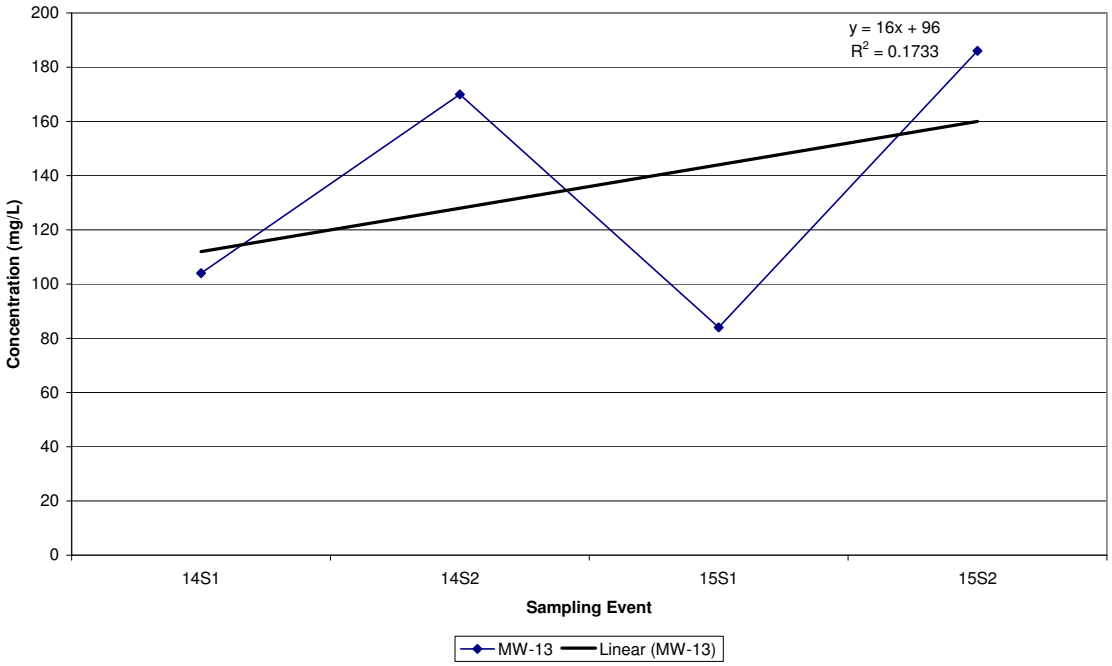
Hardee County Class I Landfill
Historic TOTAL DISSOLVED SOLIDS TDS, (RES DISS) in MW-11



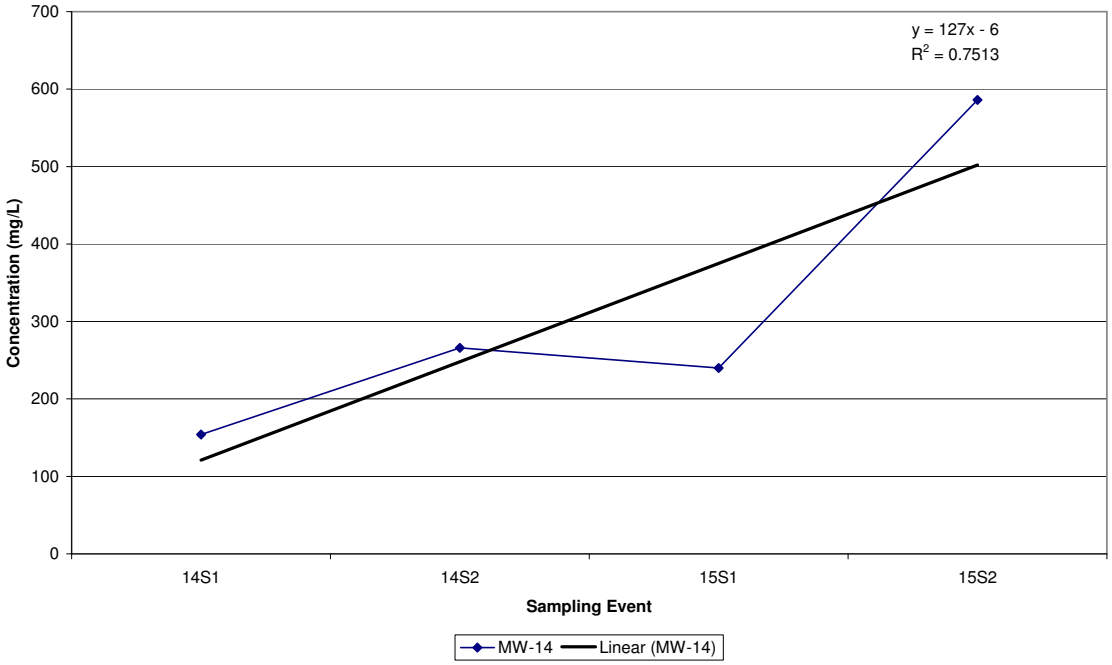
Hardee County Class I Landfill
Historic TOTAL DISSOLVED SOLIDS TDS, (RES DISS) in MW-12R



Hardee County Class I Landfill
Historic TOTAL DISSOLVED SOLIDS TDS, (RES DISS) in MW-13

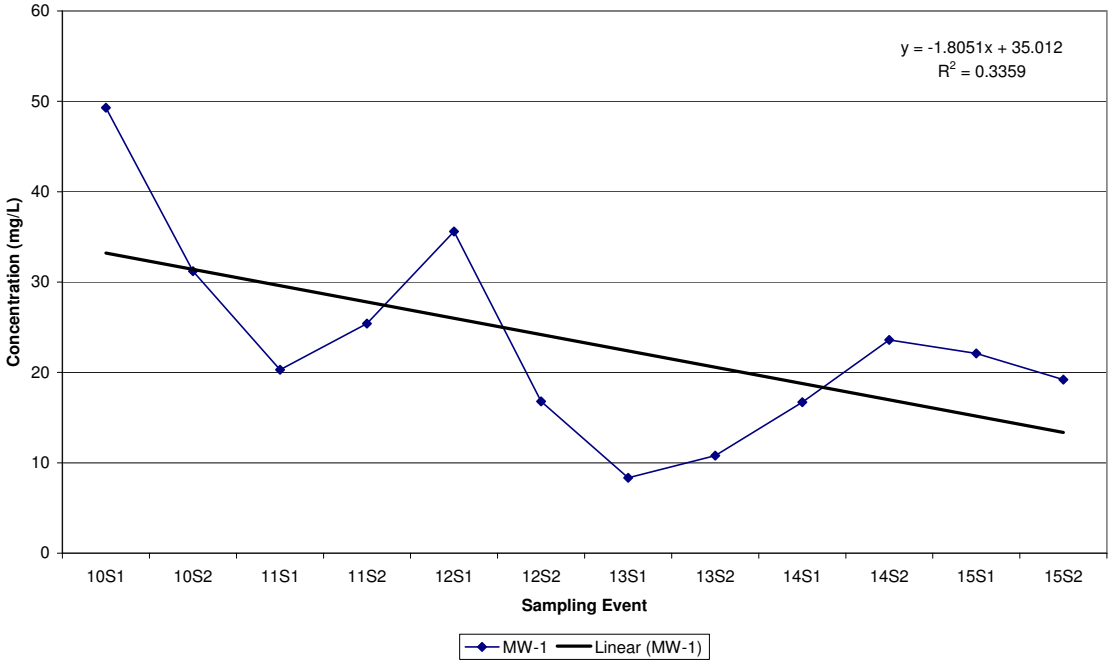


Hardee County Class I Landfill
Historic TOTAL DISSOLVED SOLIDS TDS, (RES DISS) in MW-14

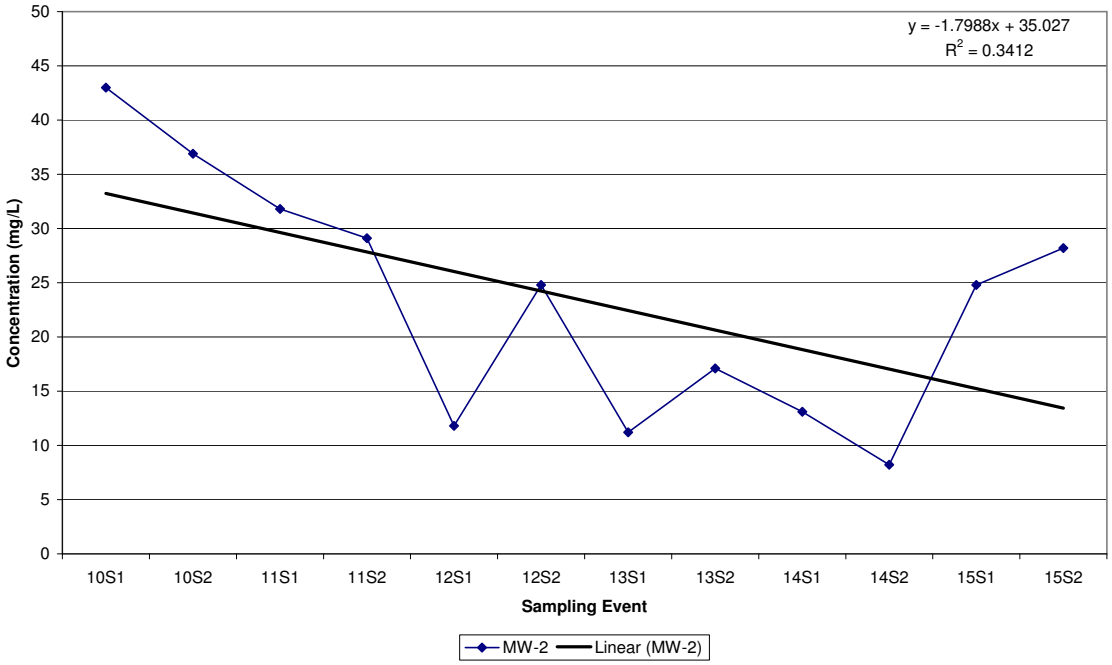


Historical Chloride Data

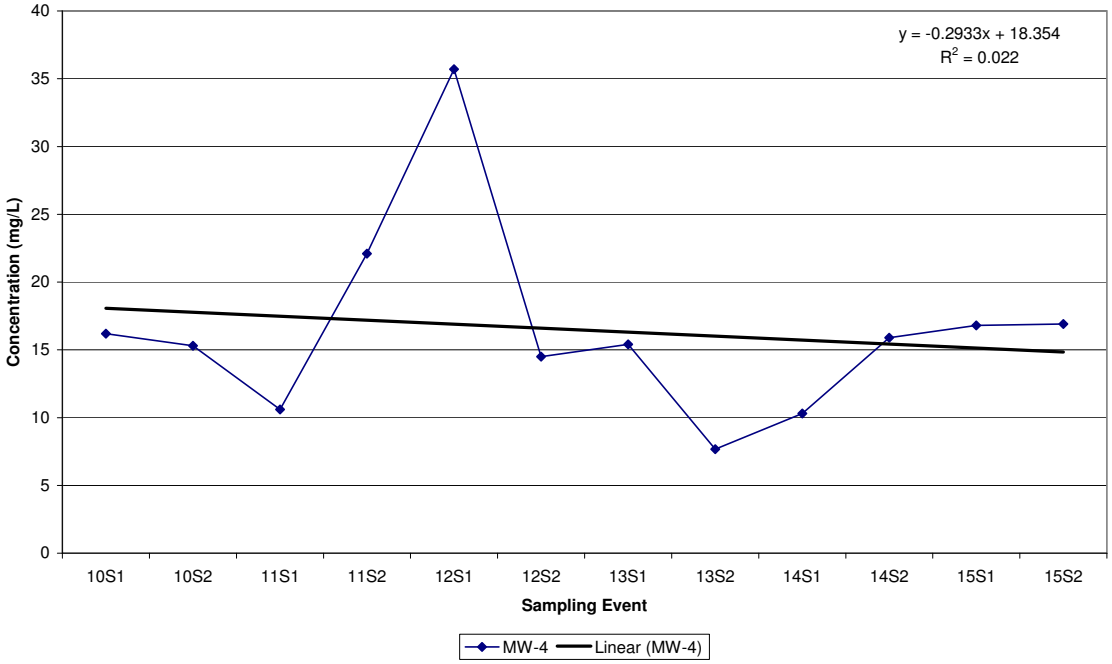
Hardee County Class I Landfill
Historic CHLORIDE in MW-1



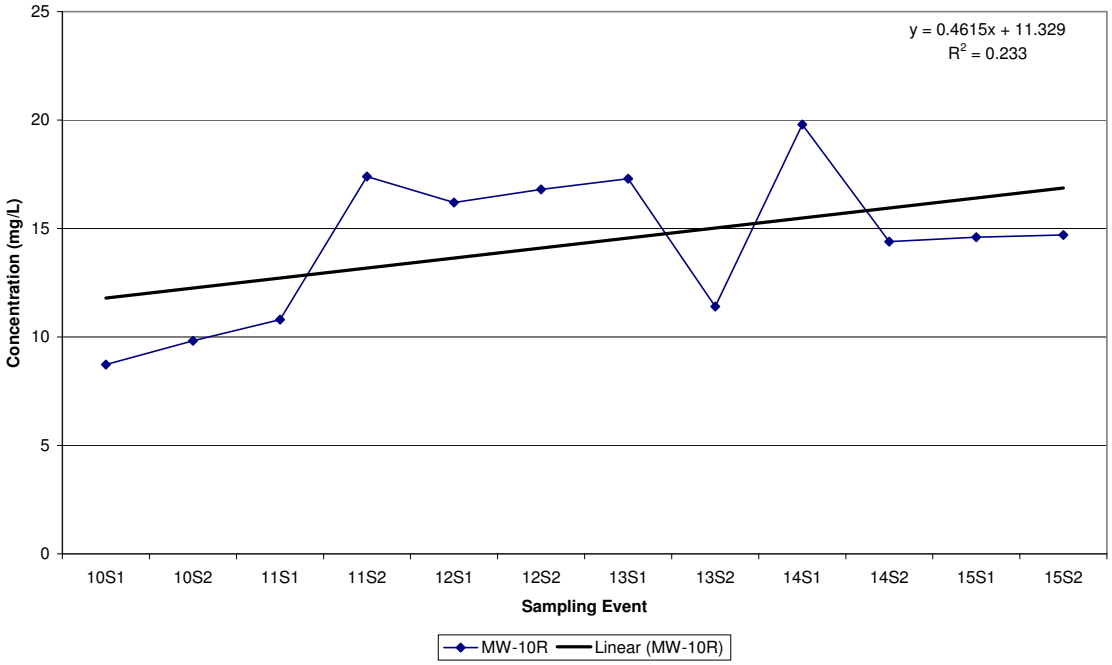
Hardee County Class I Landfill
Historic CHLORIDE in MW-2



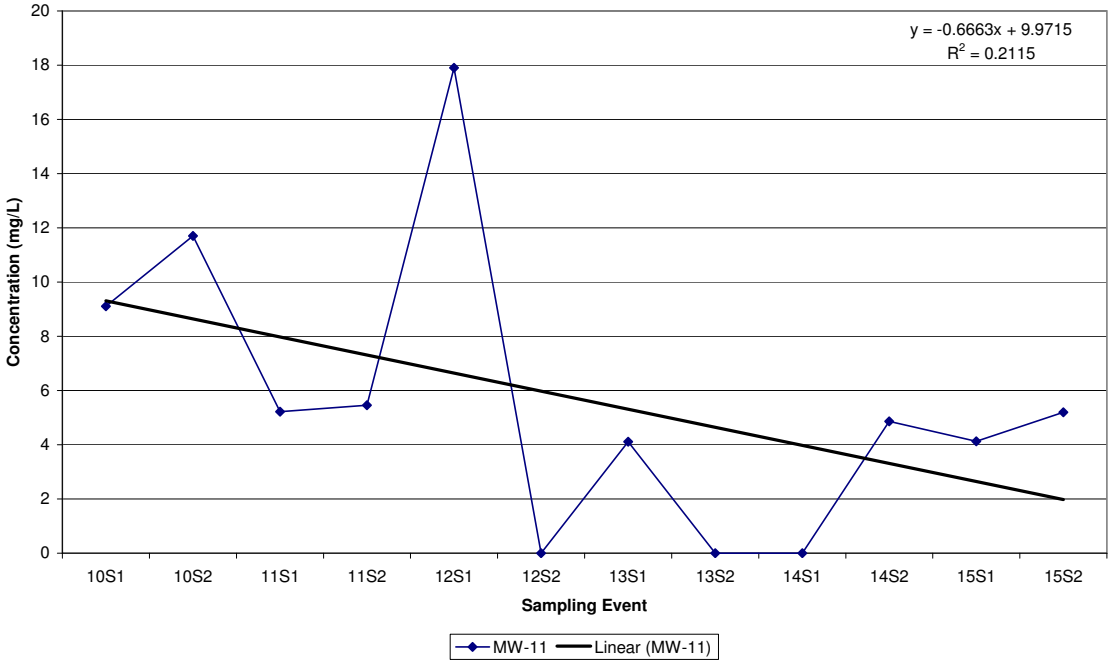
Hardee County Class I Landfill
Historic CHLORIDE in MW-4



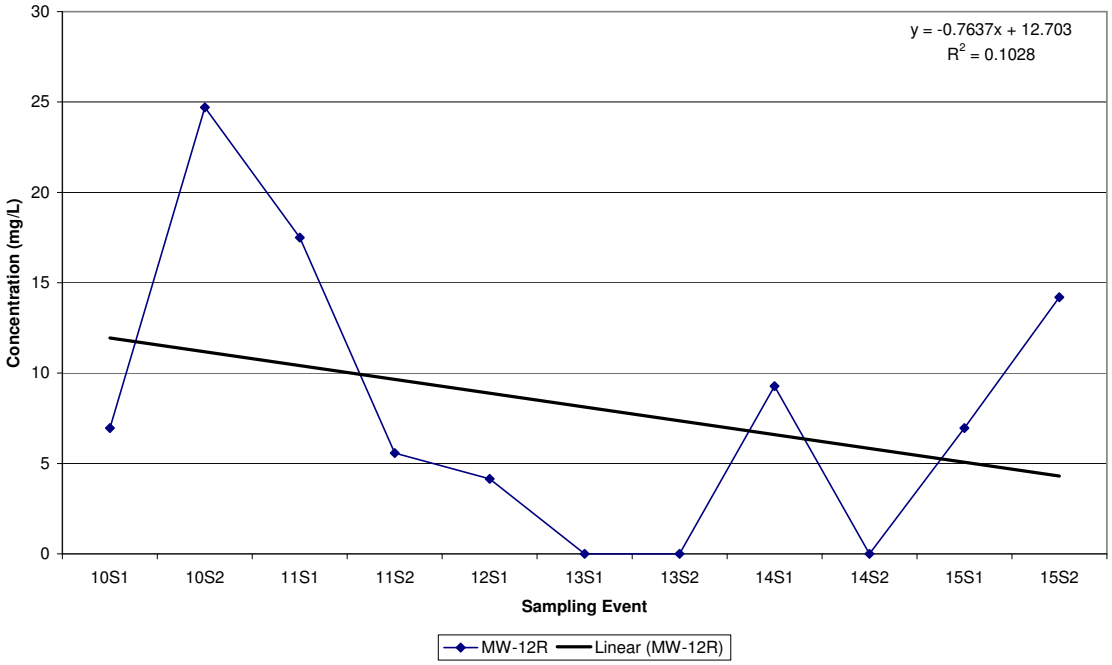
Hardee County Class I Landfill
Historic CHLORIDE in MW-10R



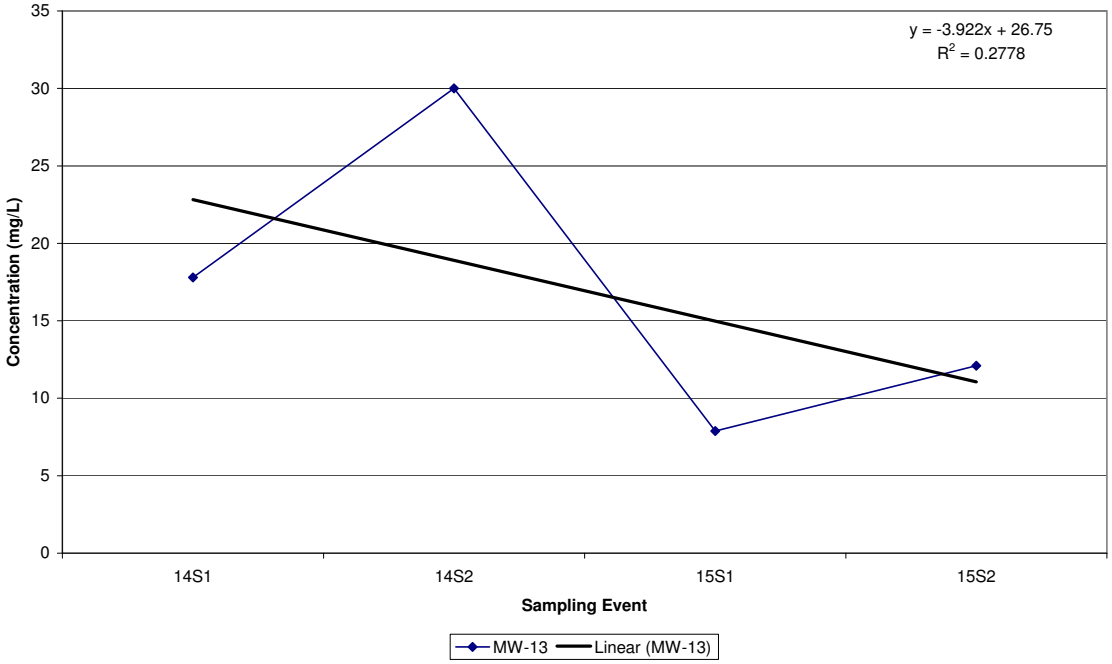
Hardee County Class I Landfill
Historic CHLORIDE in MW-11



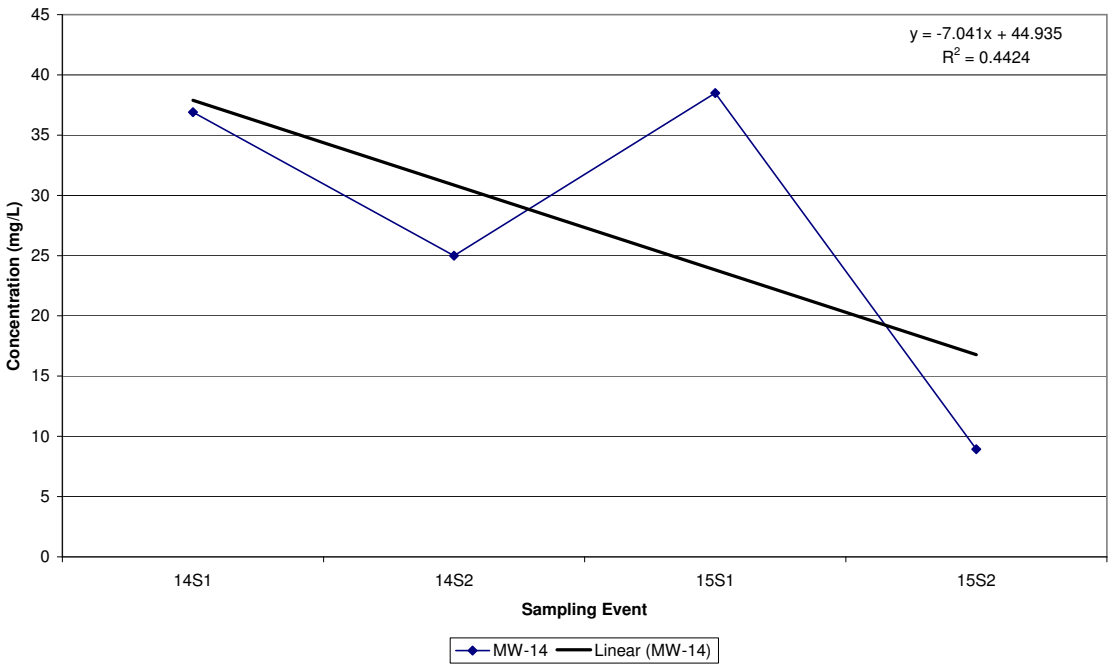
Hardee County Class I Landfill
Historic CHLORIDE in MW-12R



Hardee County Class I Landfill
Historic CHLORIDE in MW-13

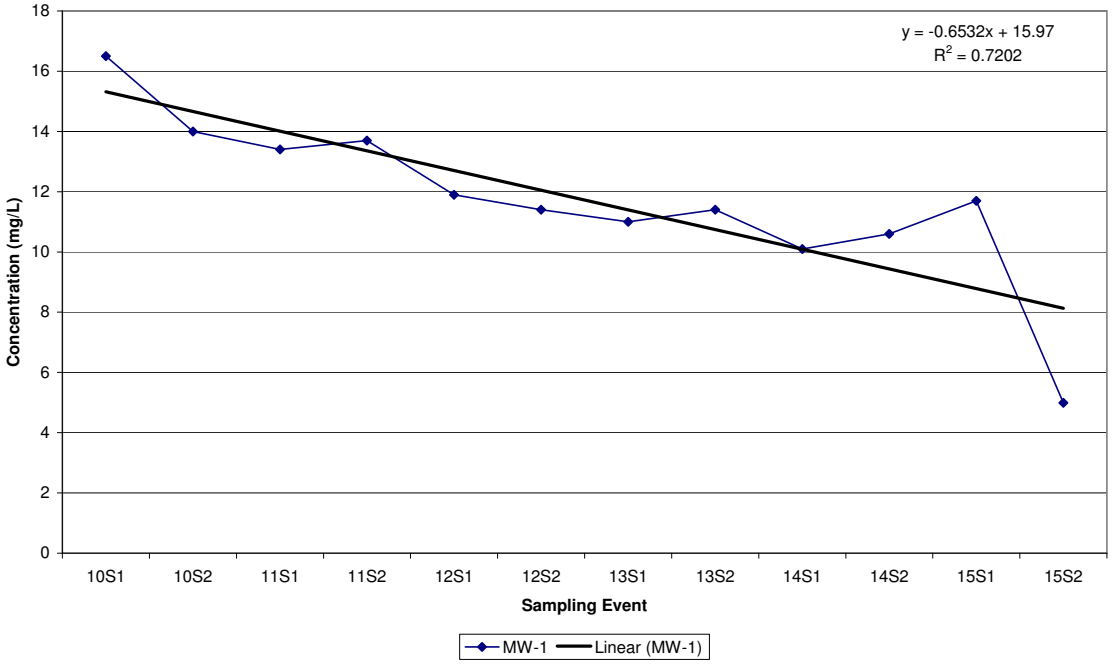


Hardee County Class I Landfill
Historic CHLORIDE in MW-14

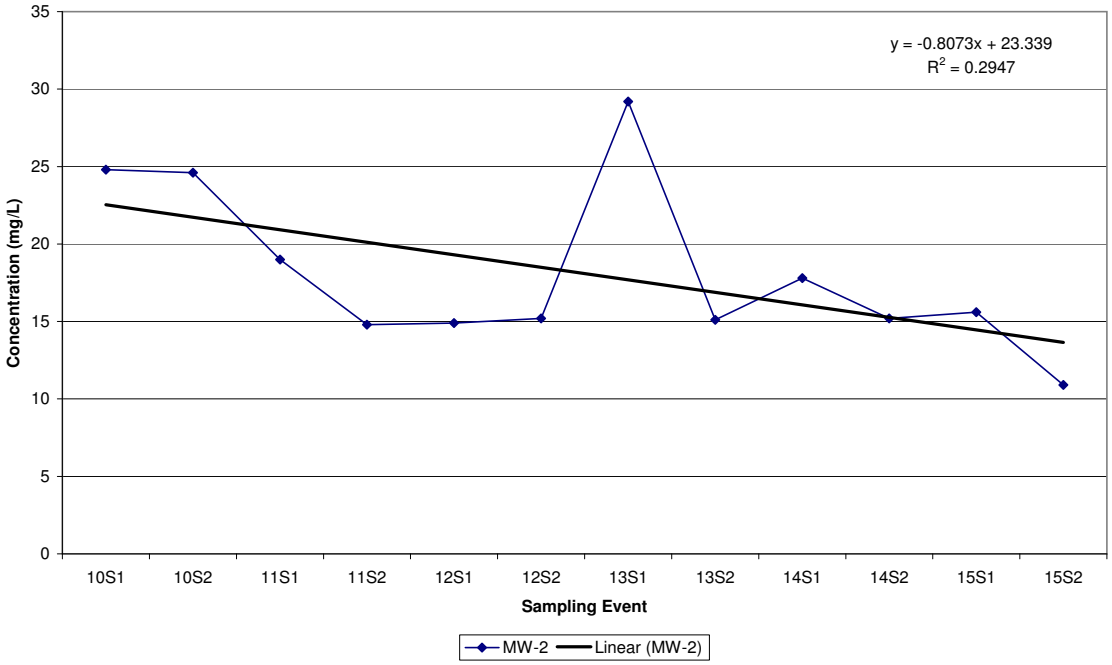


Historical Sodium Data

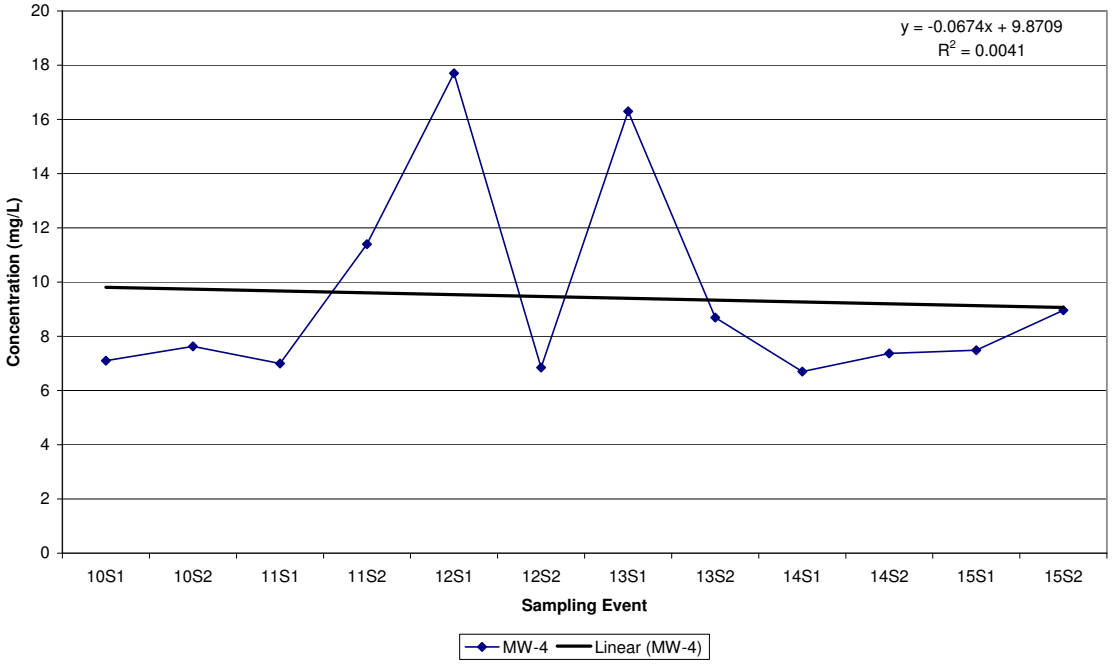
Hardee County Class I Landfill
Historic SODIUM (NA) in MW-1



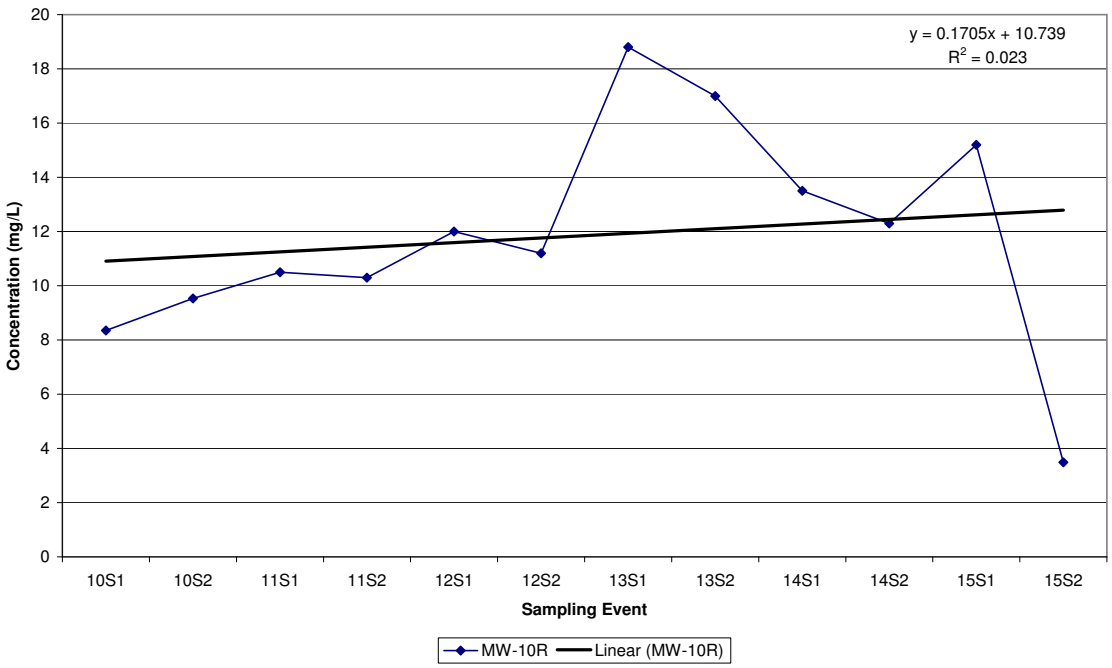
Hardee County Class I Landfill
Historic SODIUM (NA) in MW-2



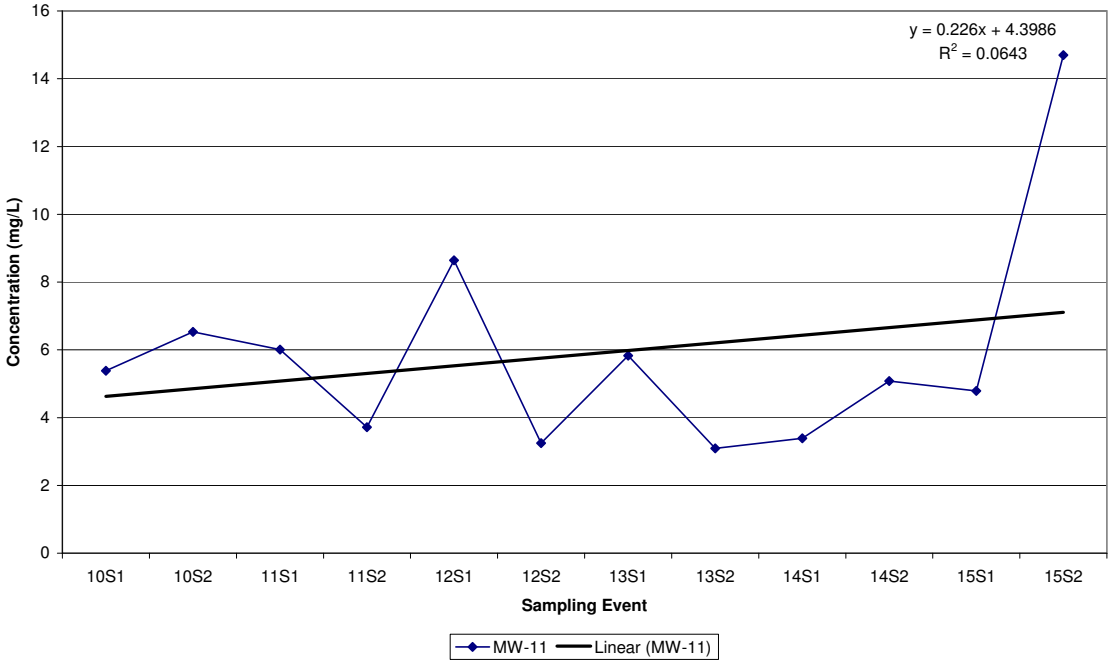
Hardee County Class I Landfill
Historic SODIUM (NA) in MW-4



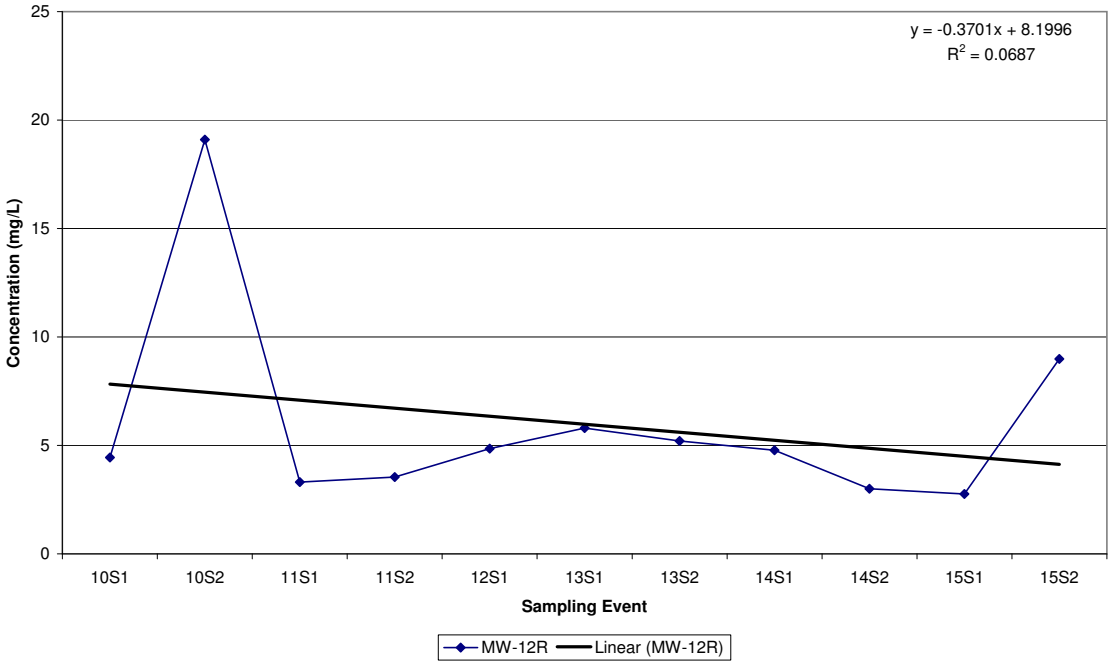
Hardee County Class I Landfill
Historic SODIUM (NA) in MW-10R



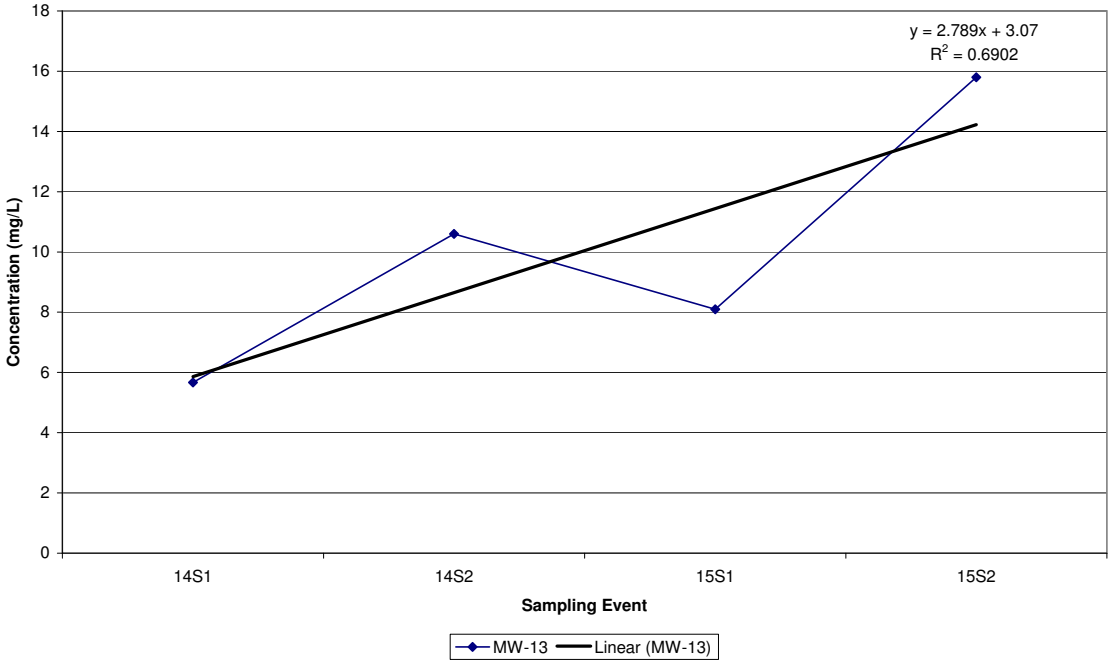
Hardee County Class I Landfill
Historic SODIUM (NA) in MW-11



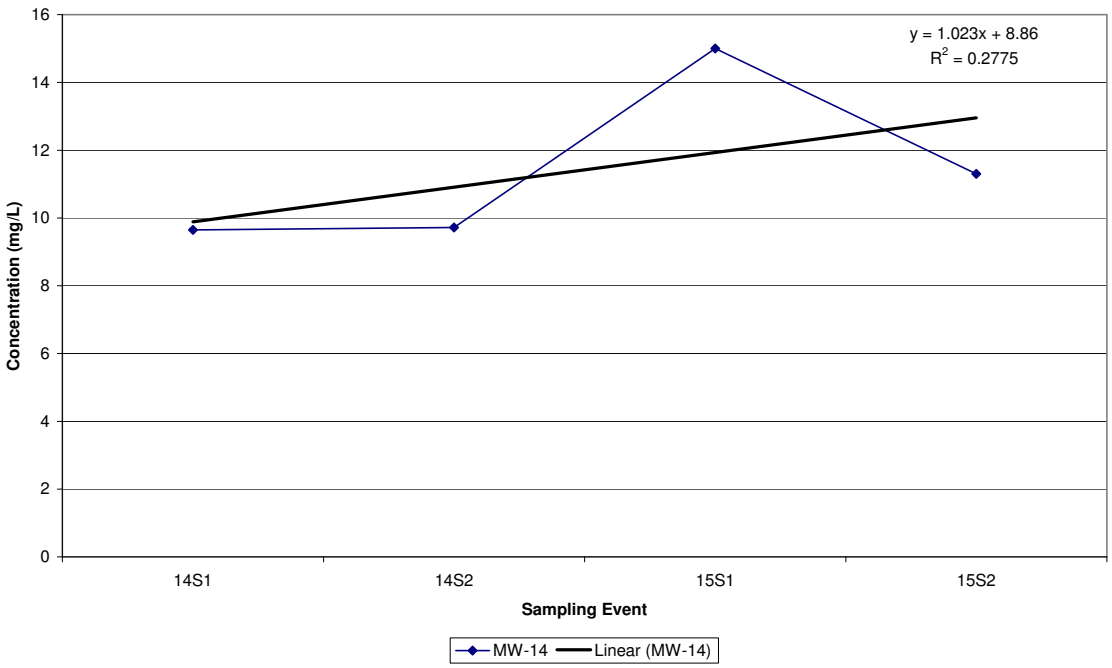
Hardee County Class I Landfill
Historic SODIUM (NA) in MW-12R



Hardee County Class I Landfill
Historic SODIUM (NA) in MW-13

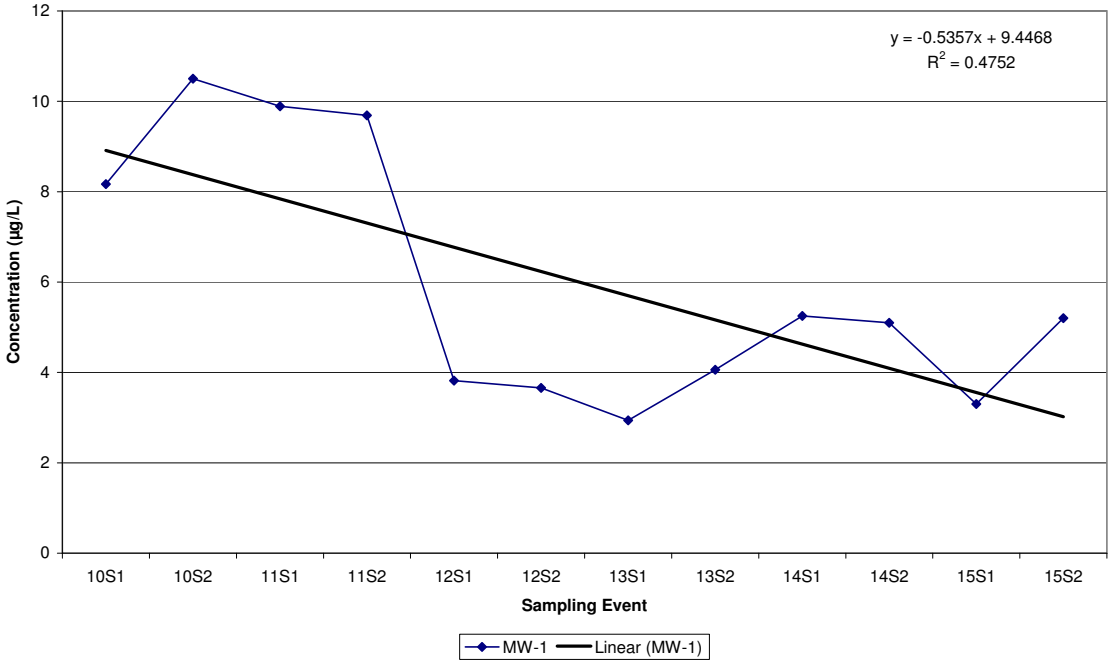


Hardee County Class I Landfill
Historic SODIUM (NA) in MW-14

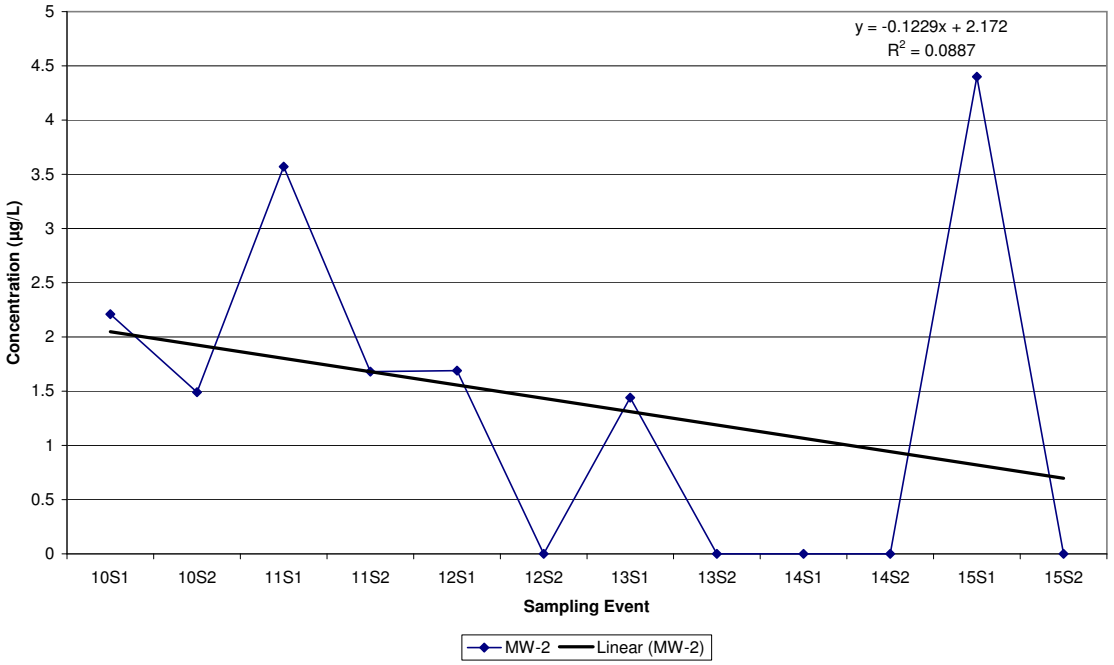


Historical Arsenic Data

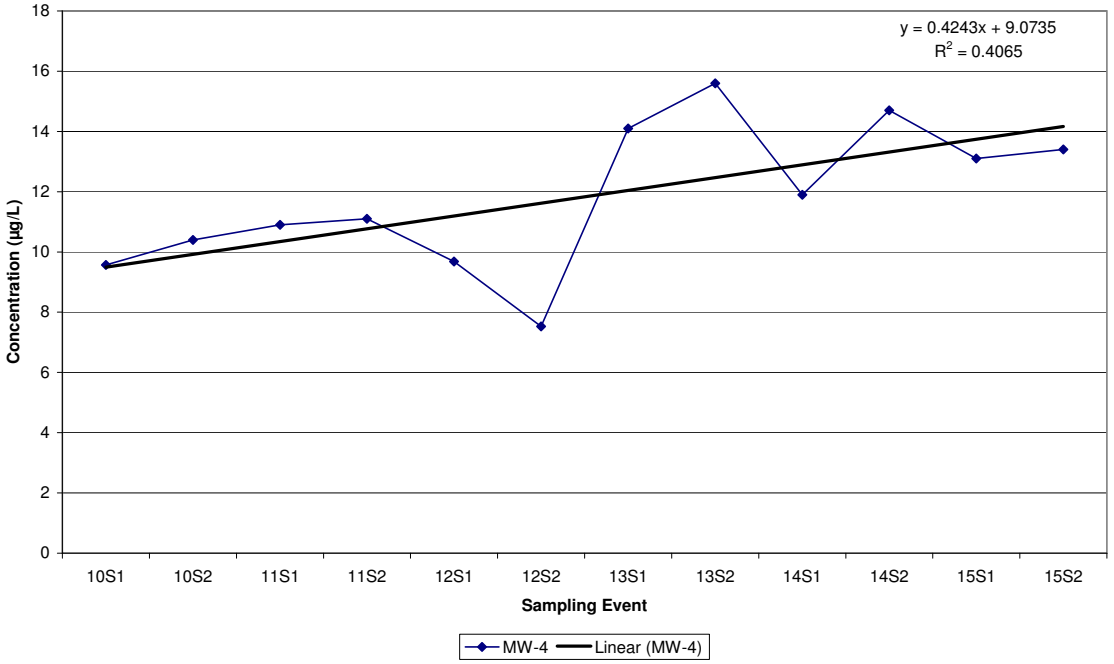
Hardee County Class I Landfill
Historic ARSENIC (AS) in MW-1



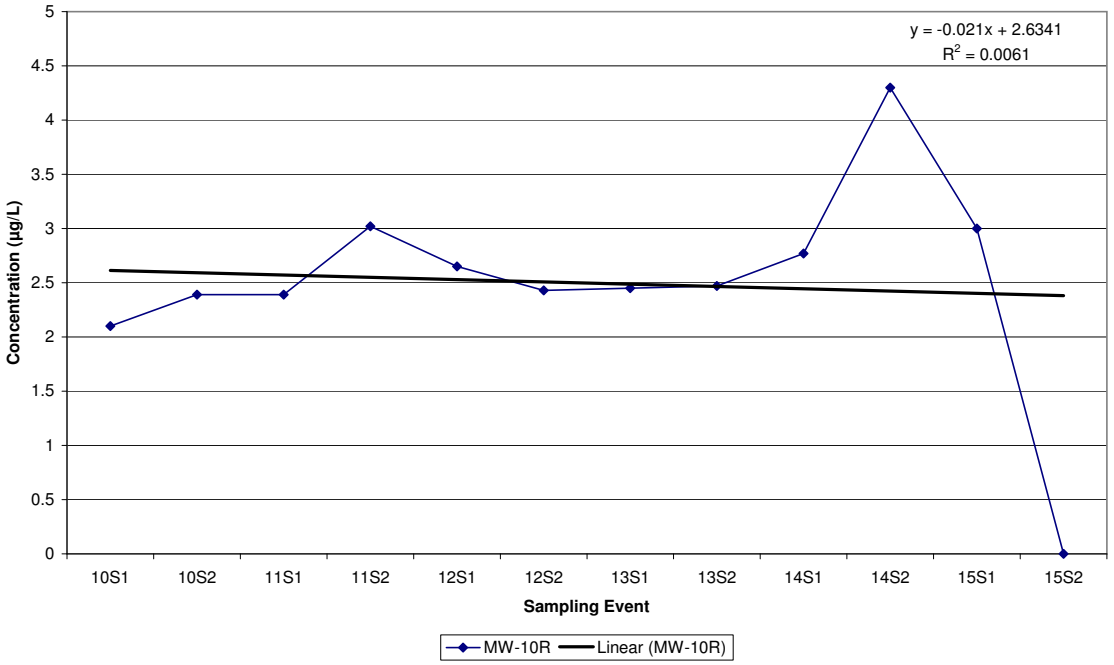
Hardee County Class I Landfill
Historic ARSENIC (AS) in MW-2



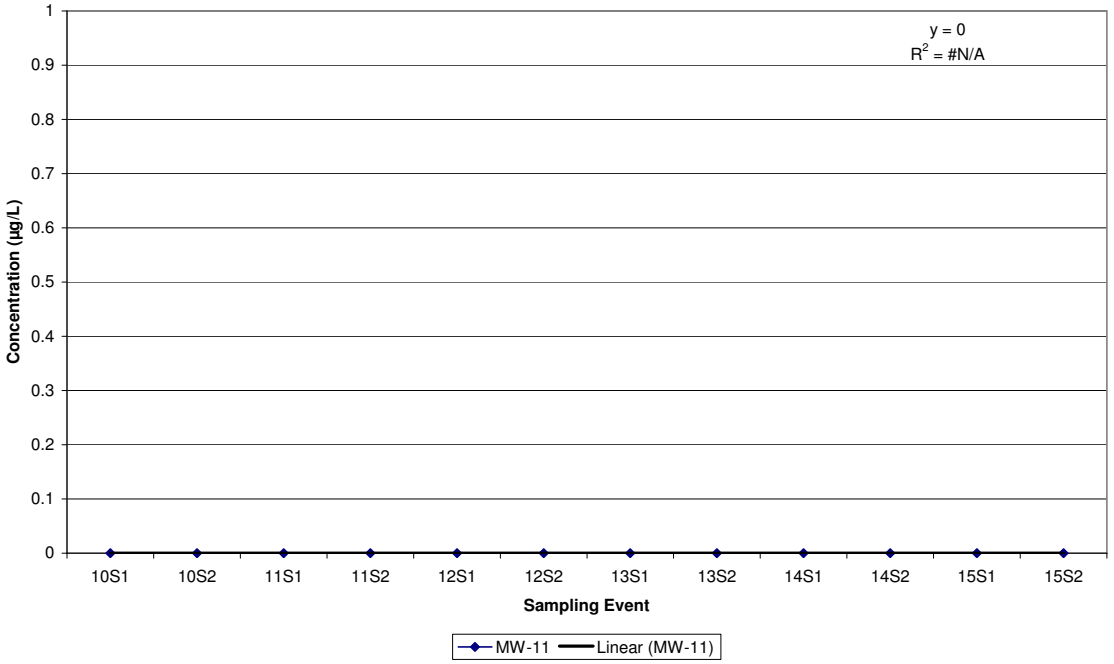
Hardee County Class I Landfill
Historic ARSENIC (AS) in MW-4



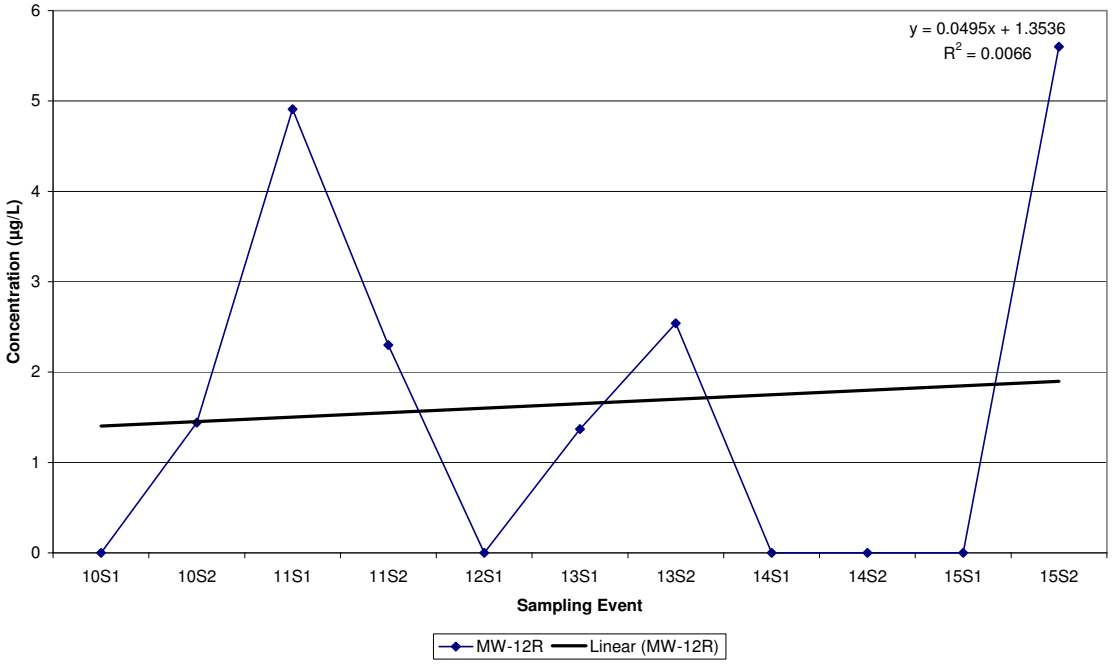
Hardee County Class I Landfill
Historic ARSENIC (AS) in MW-10R



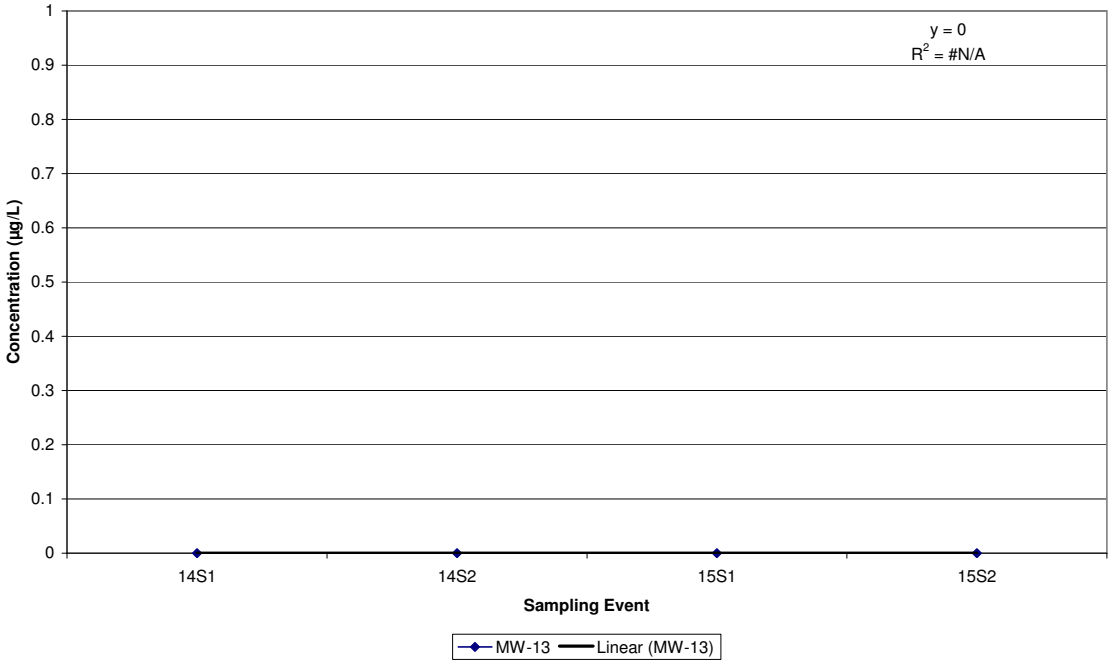
Hardee County Class I Landfill
Historic ARSENIC (AS) in MW-11



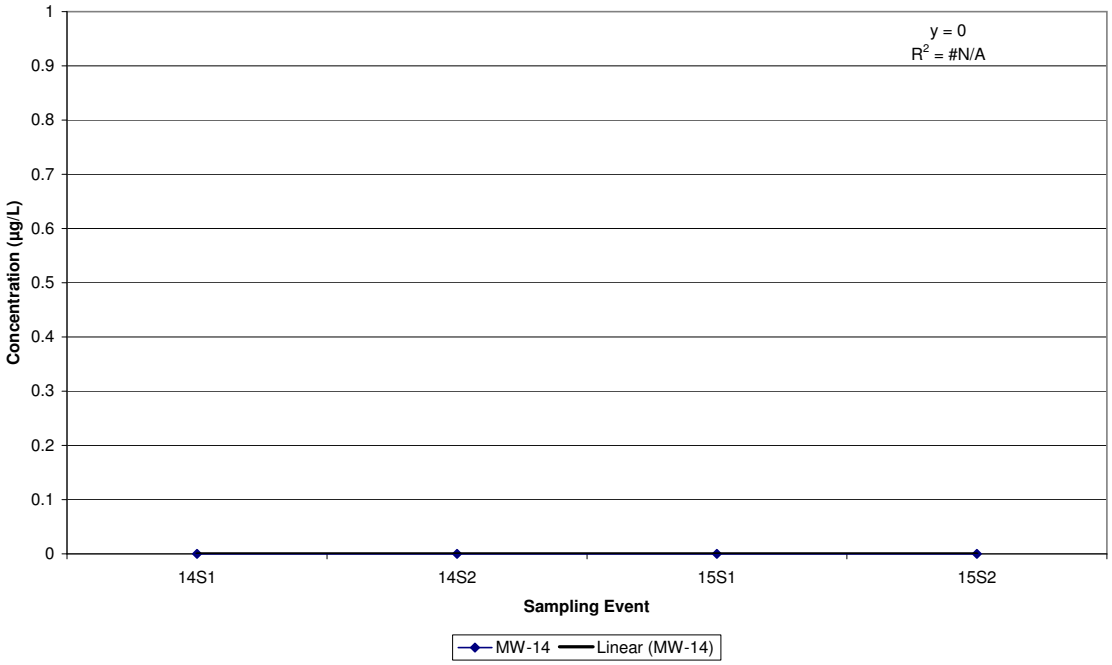
Hardee County Class I Landfill
Historic ARSENIC (AS) in MW-12R



Hardee County Class I Landfill
Historic ARSENIC (AS) in MW-13

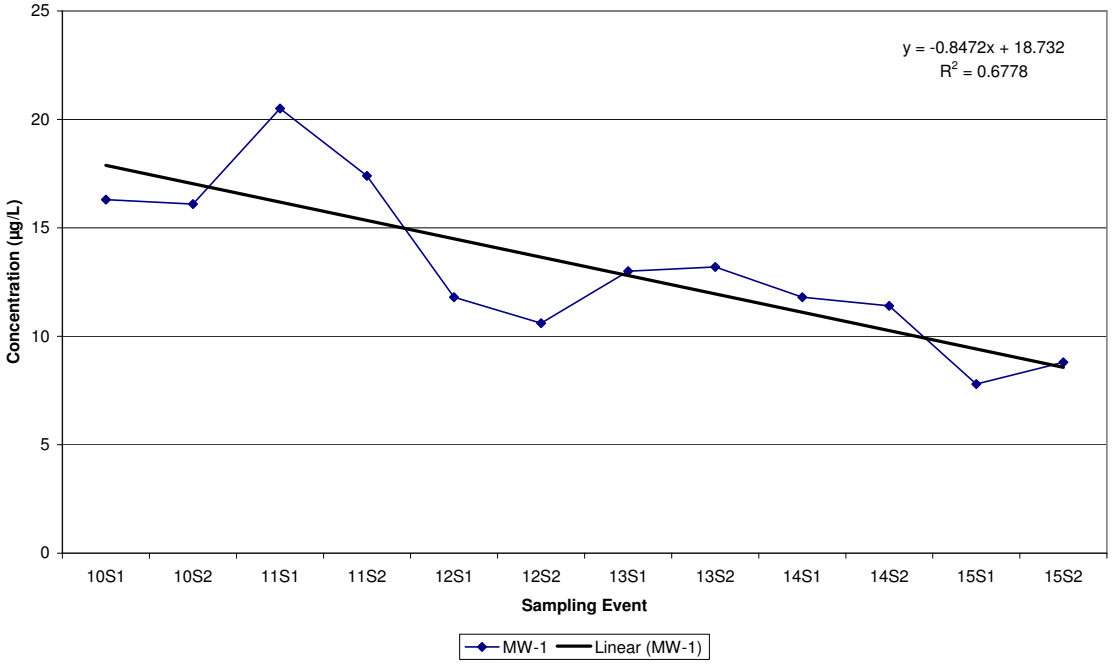


Hardee County Class I Landfill
Historic ARSENIC (AS) in MW-14

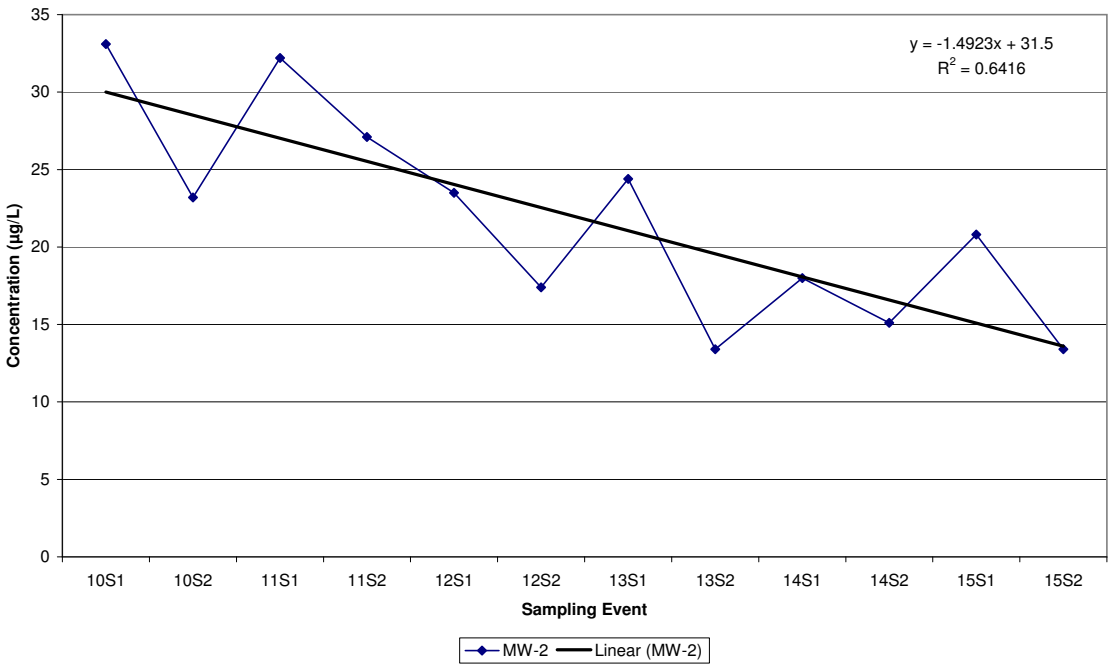


Historical Barium Data

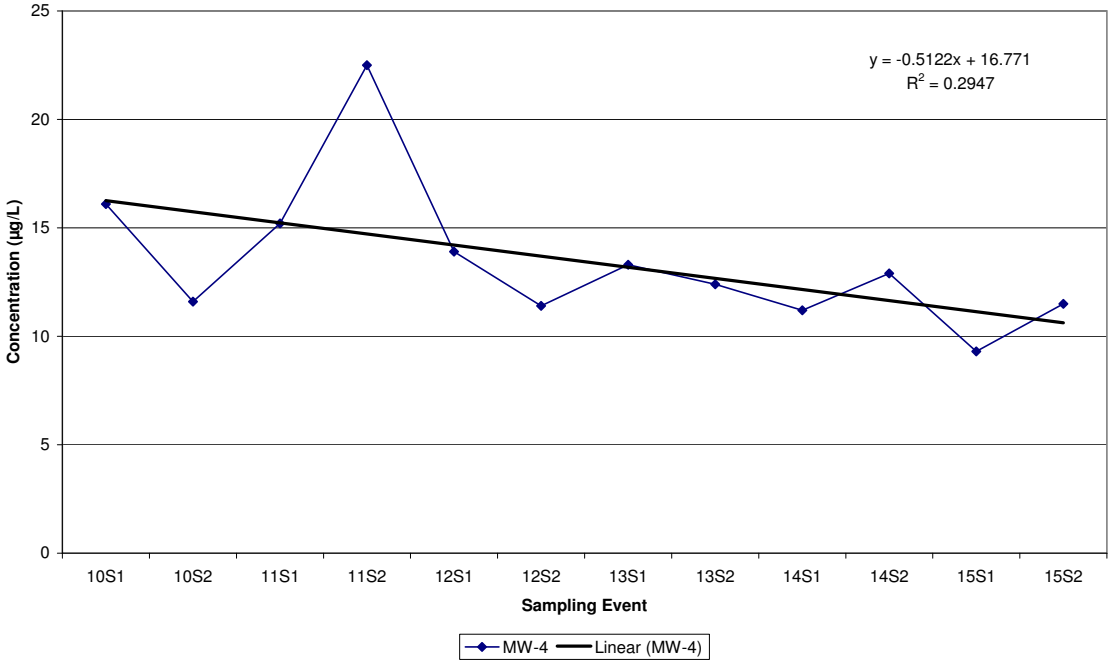
Hardee County Class I Landfill
Historic BARIUM (BA) in MW-1



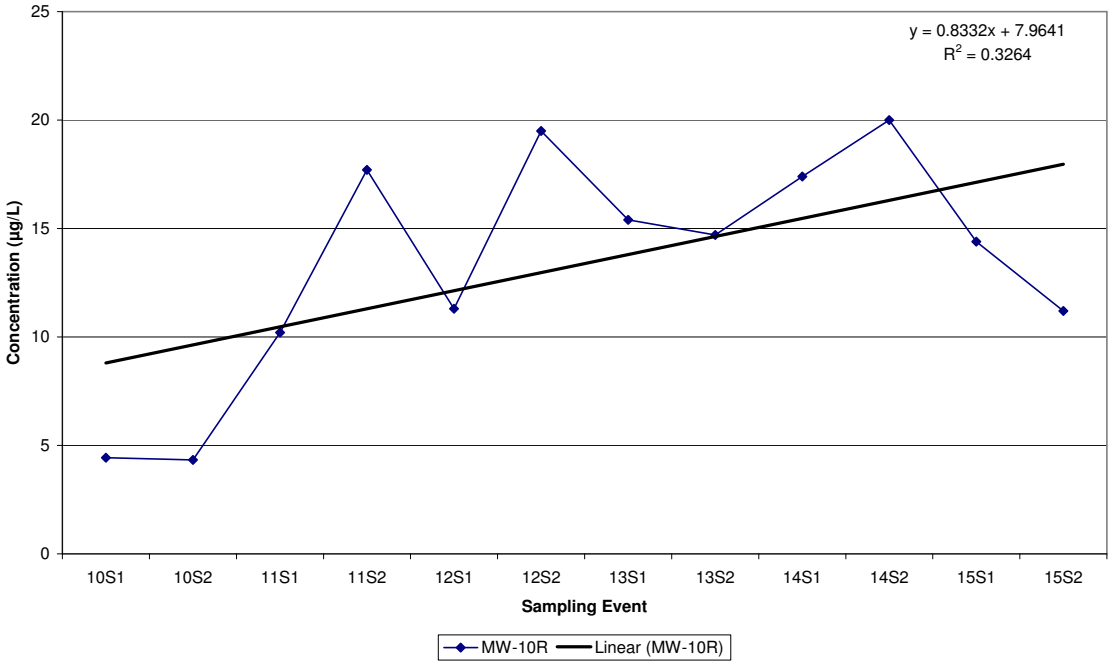
Hardee County Class I Landfill
Historic BARIUM (BA) in MW-2



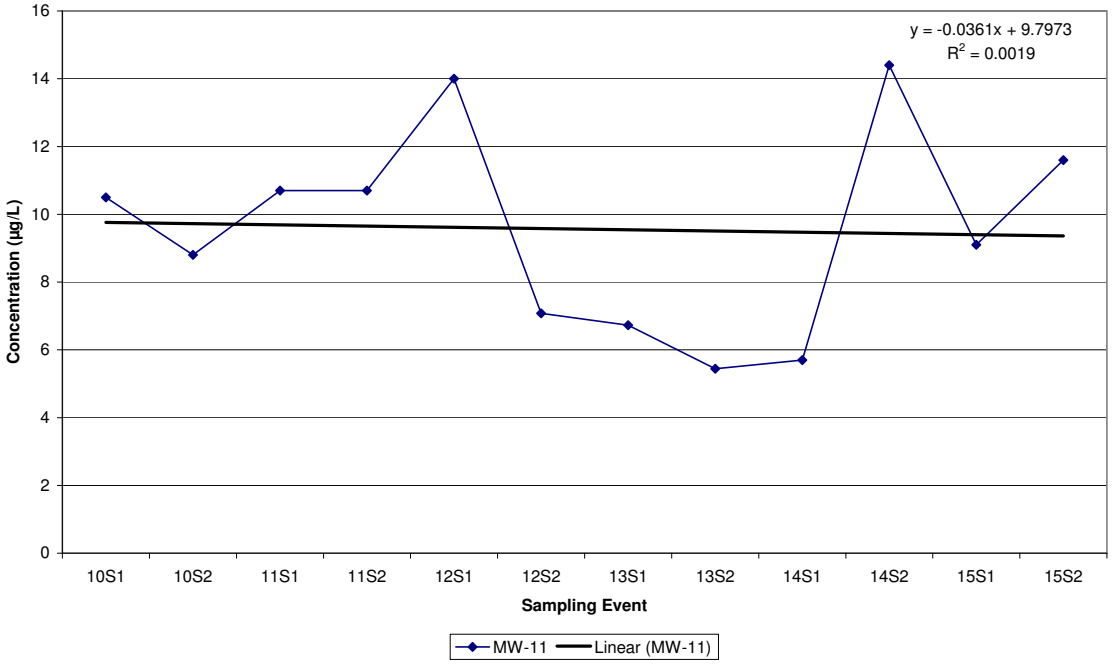
Hardee County Class I Landfill
Historic BARIUM (BA) in MW-4



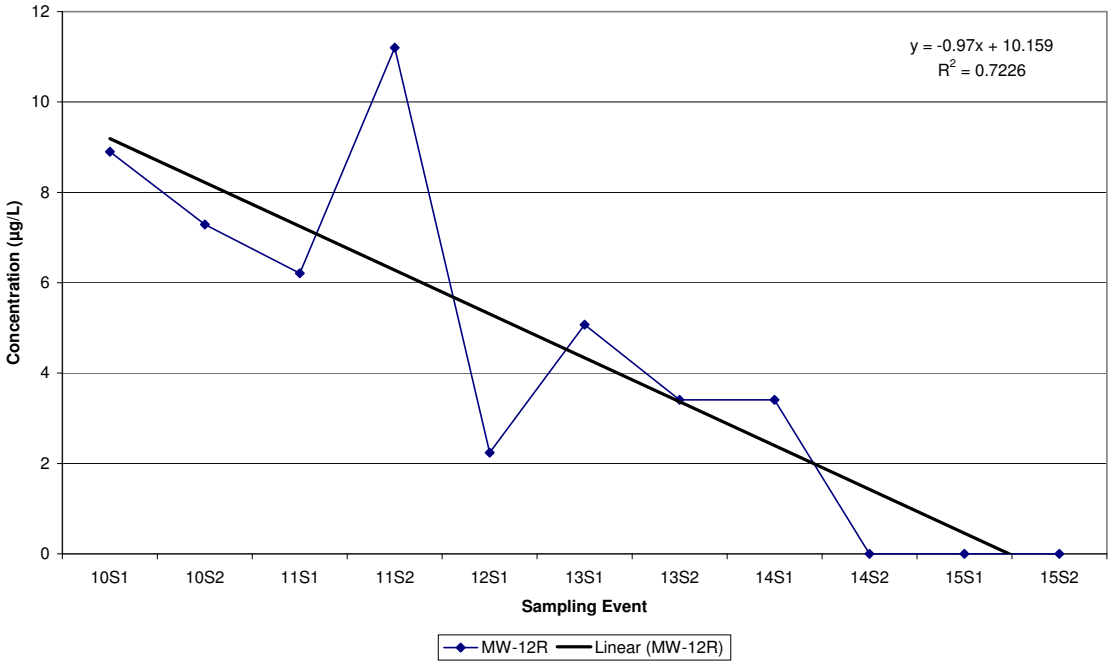
Hardee County Class I Landfill
Historic BARIUM (BA) in MW-10R



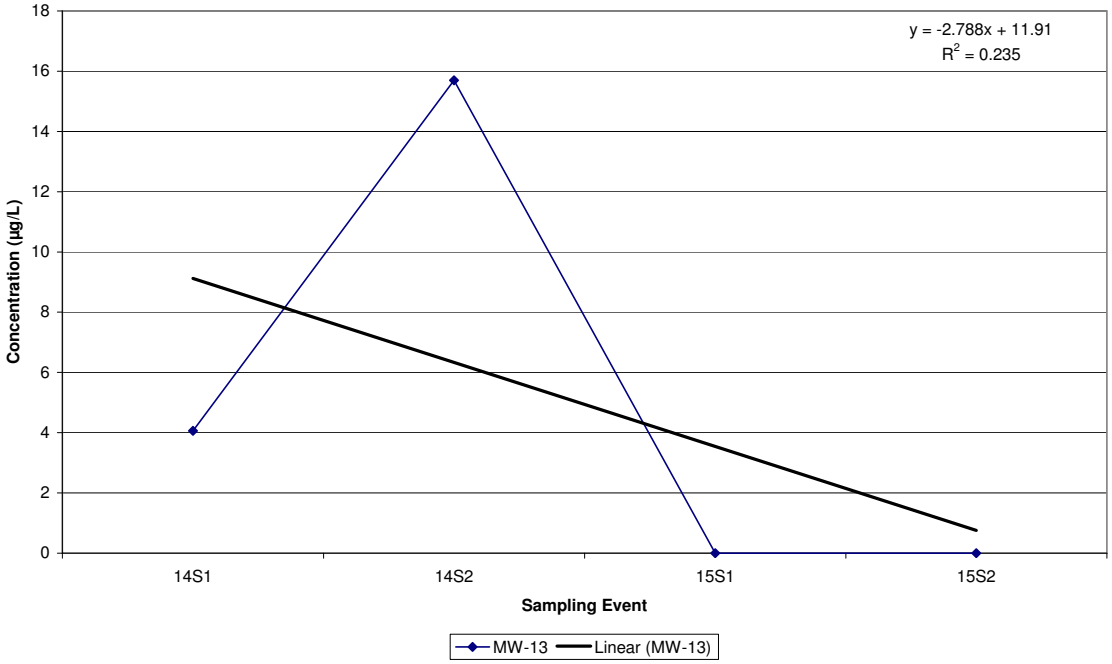
Hardee County Class I Landfill
Historic BARIUM (BA) in MW-11



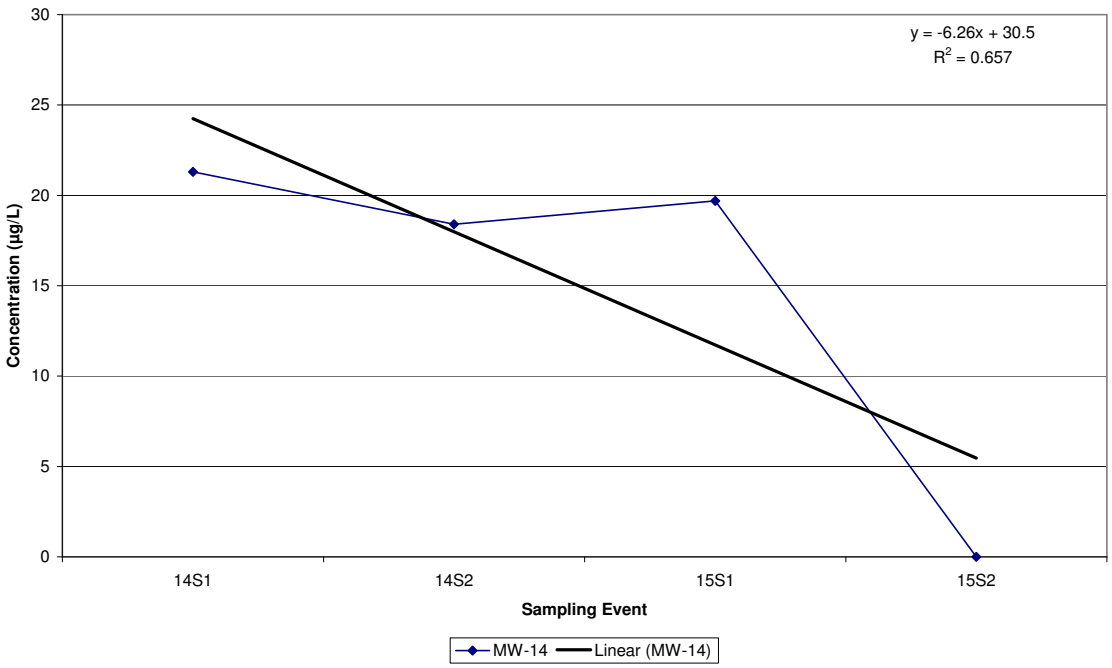
Hardee County Class I Landfill
Historic BARIUM (BA) in MW-12R



Hardee County Class I Landfill
Historic BARIUM (BA) in MW-13

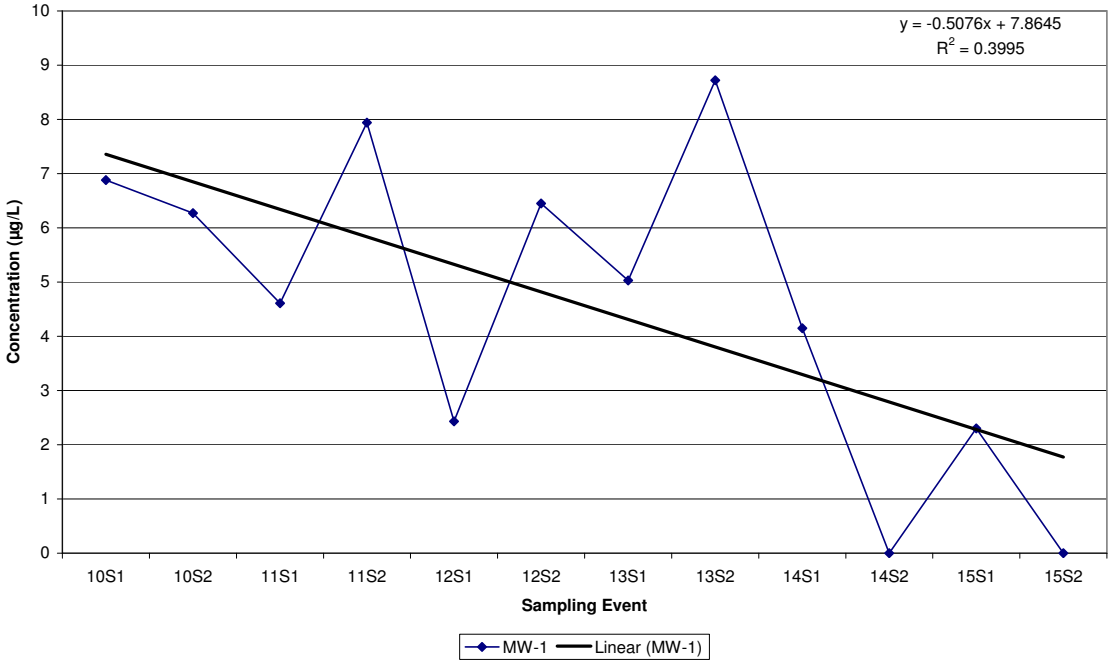


Hardee County Class I Landfill
Historic BARIUM (BA) in MW-14

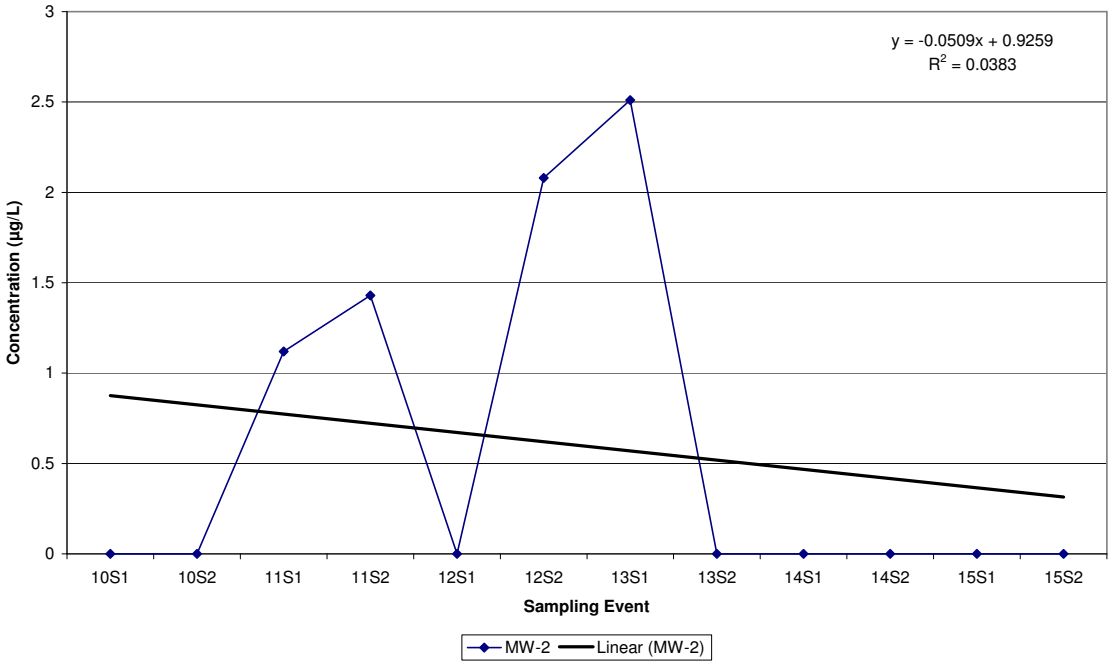


Historical Chromium Data

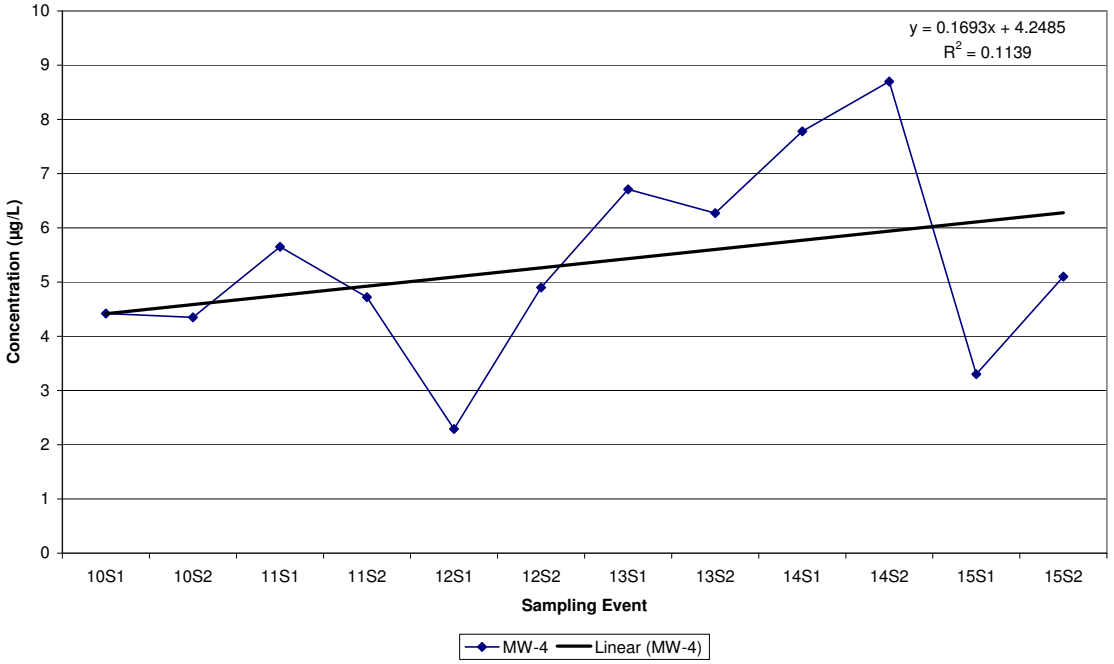
Hardee County Class I Landfill
Historic CHROMIUM (CR) in MW-1



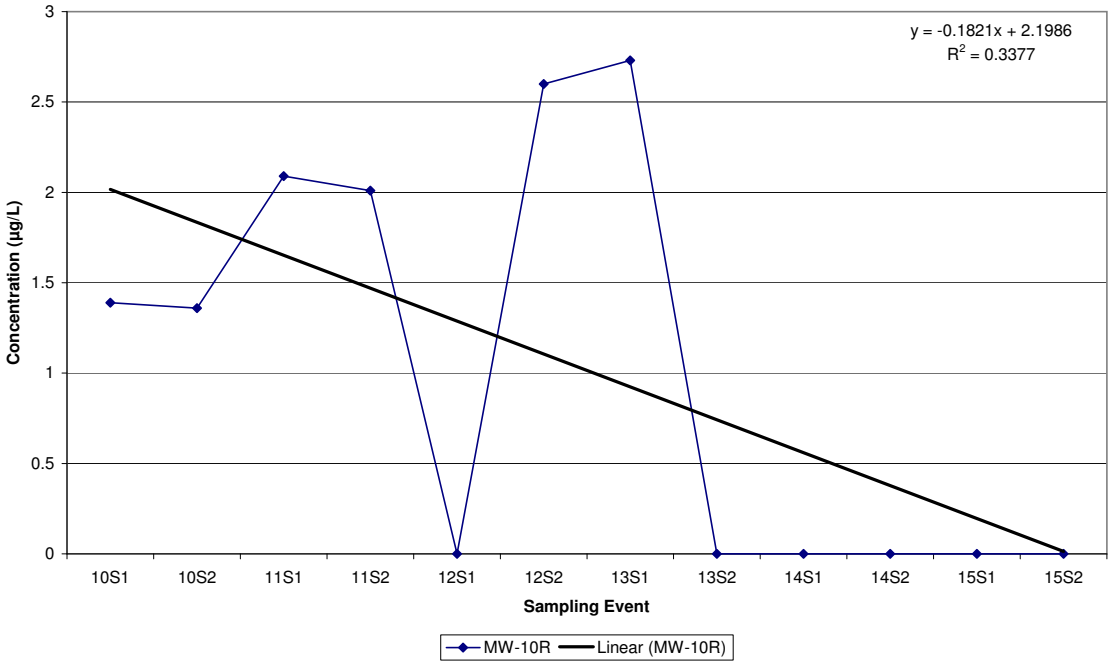
Hardee County Class I Landfill
Historic CHROMIUM (CR) in MW-2



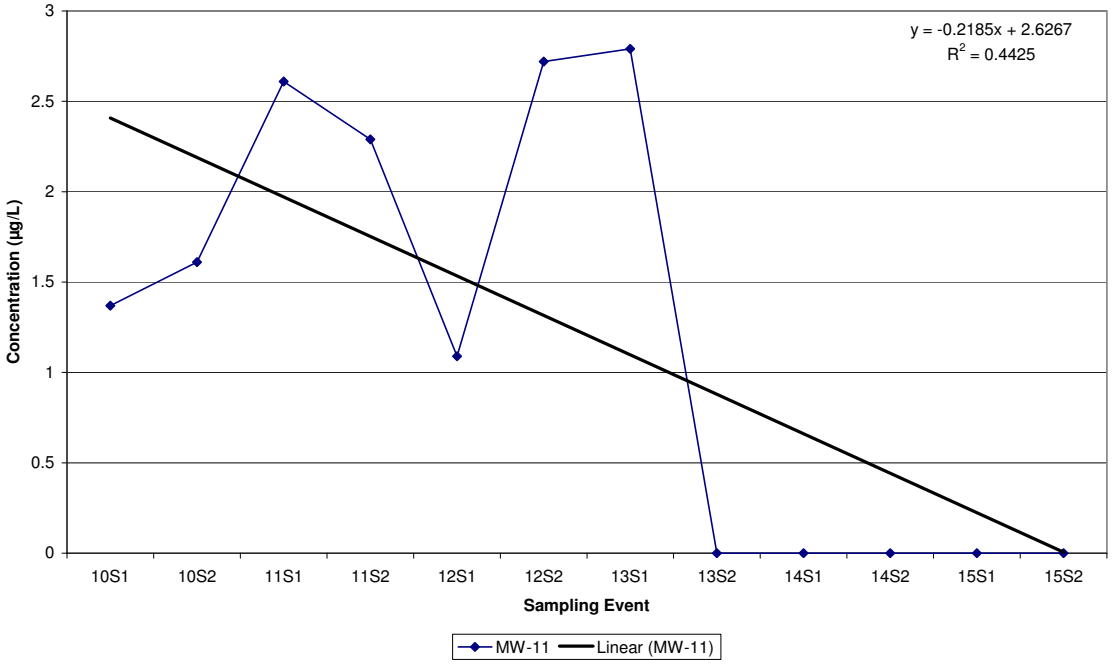
Hardee County Class I Landfill
Historic CHROMIUM (CR) in MW-4



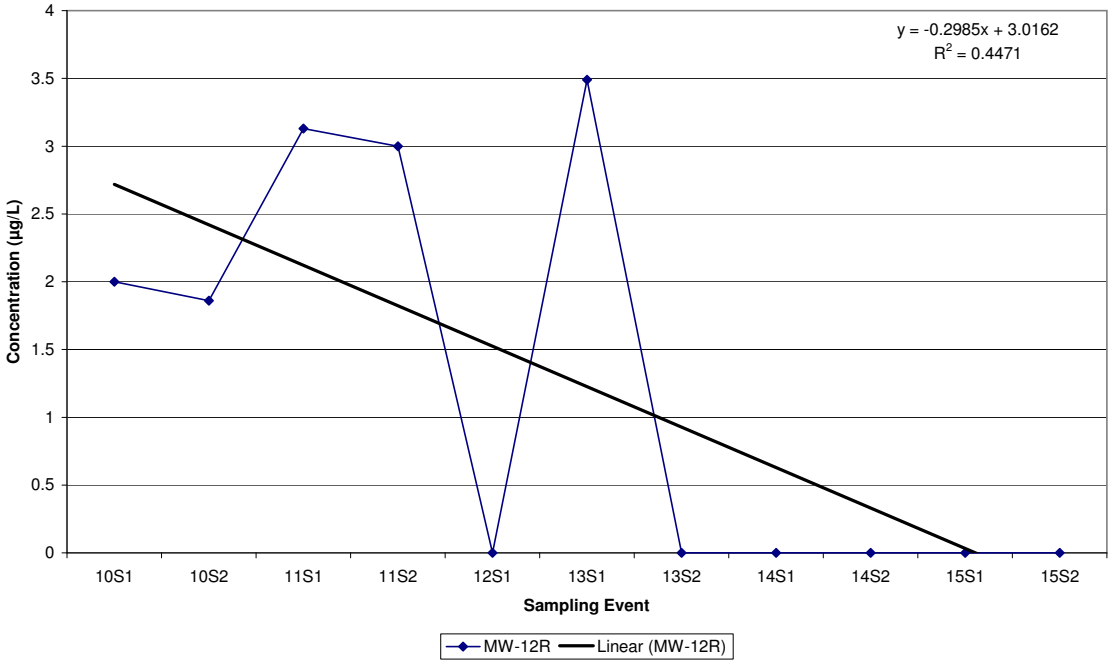
Hardee County Class I Landfill
Historic CHROMIUM (CR) in MW-10R



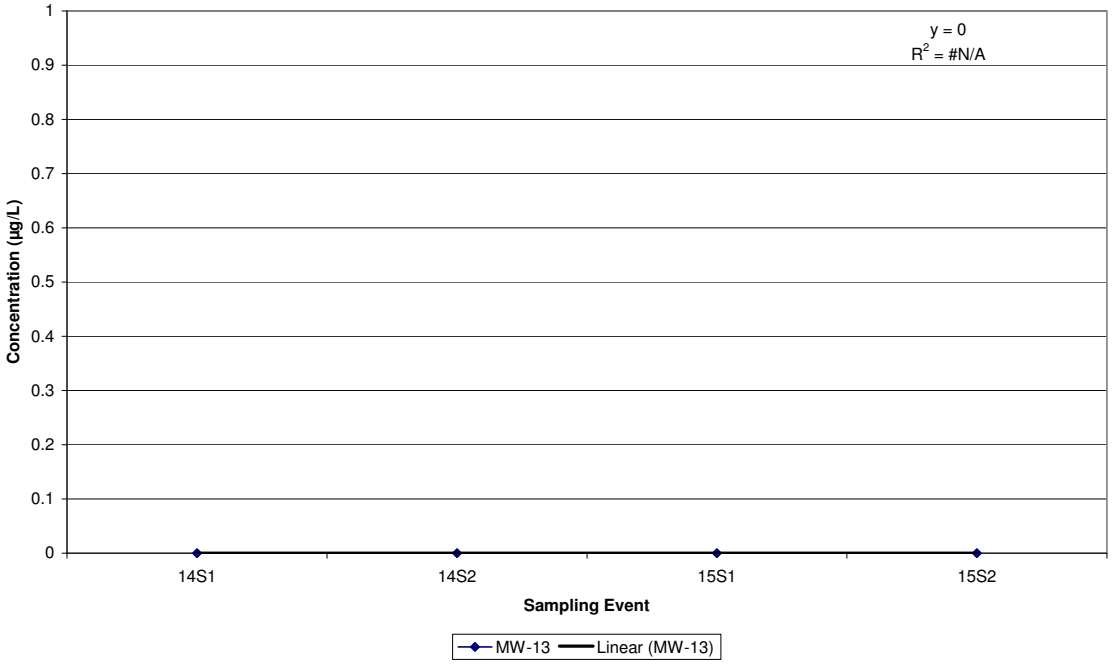
Hardee County Class I Landfill
Historic CHROMIUM (CR) in MW-11



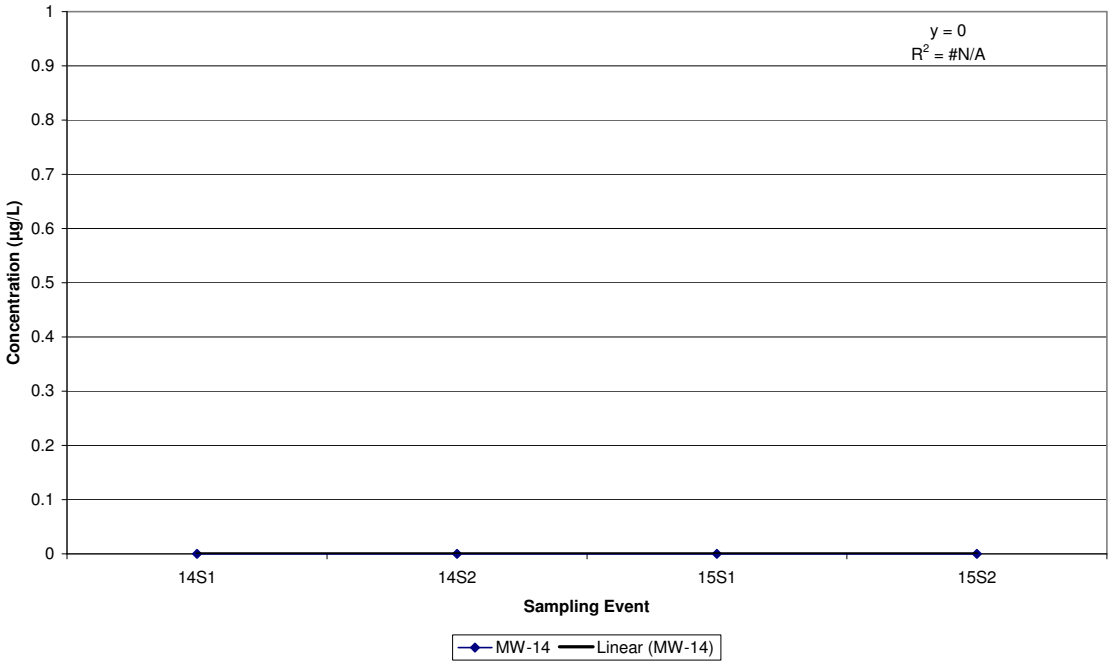
Hardee County Class I Landfill
Historic CHROMIUM (CR) in MW-12R



Hardee County Class I Landfill
Historic CHROMIUM (CR) in MW-13

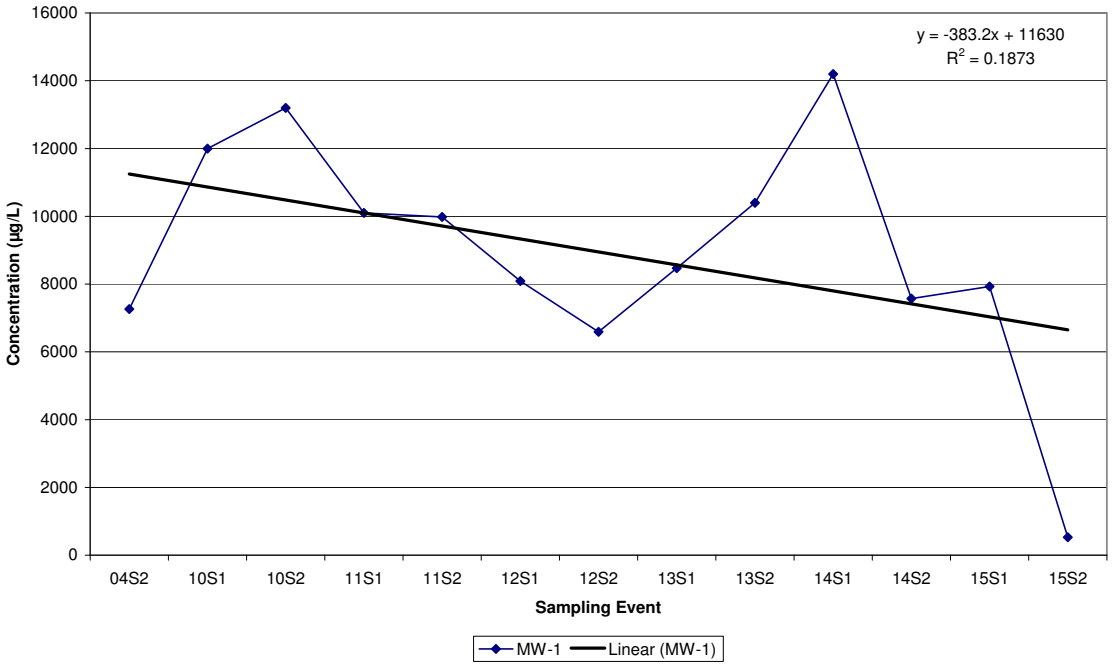


Hardee County Class I Landfill
Historic CHROMIUM (CR) in MW-14

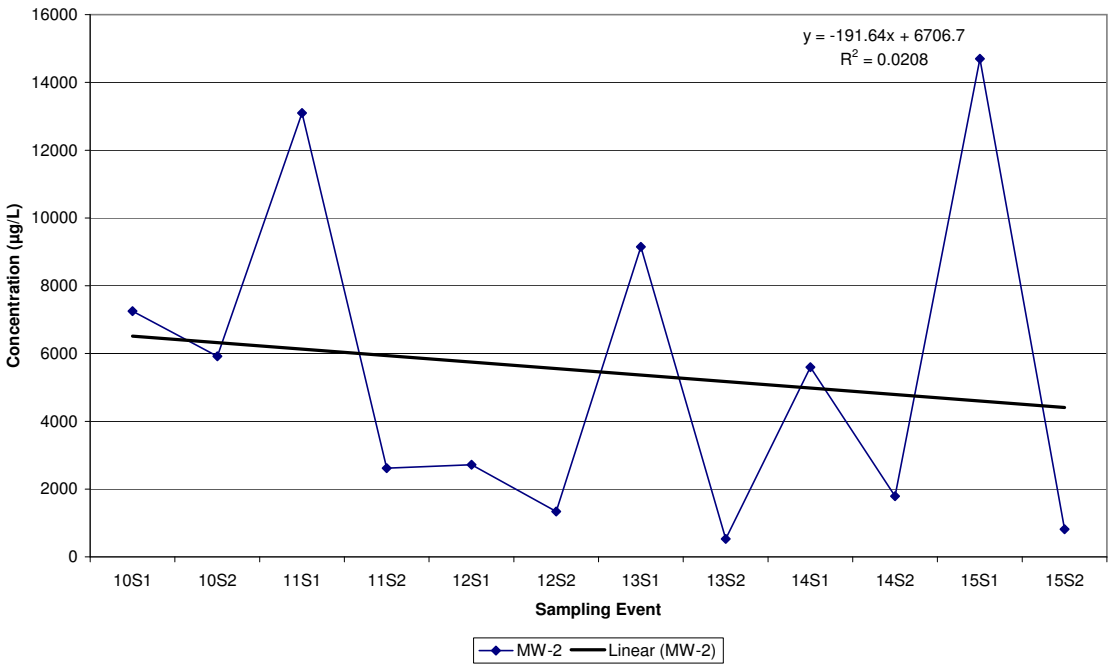


Historical Iron Data

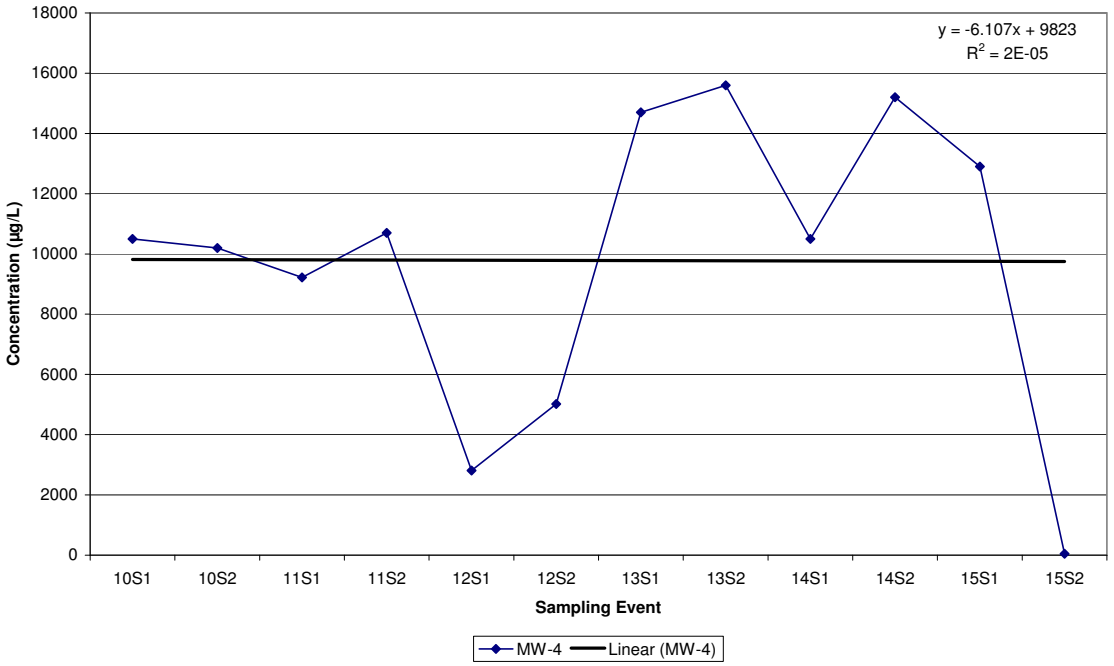
Hardee County Class I Landfill
Historic IRON (FE) in MW-1



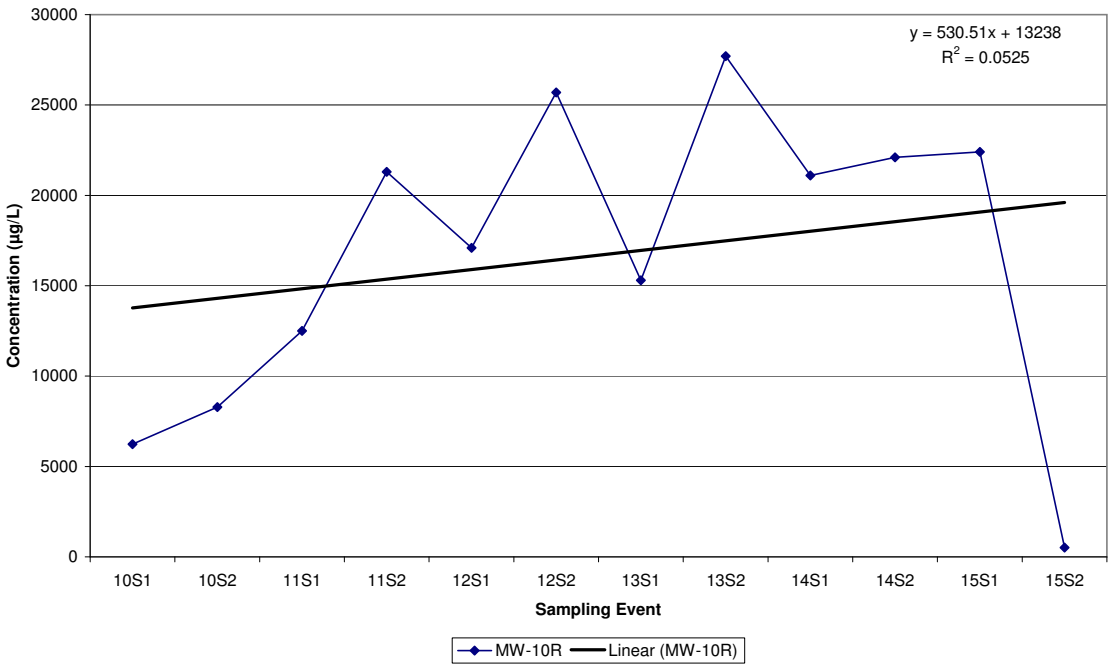
Hardee County Class I Landfill
Historic IRON (FE) in MW-2



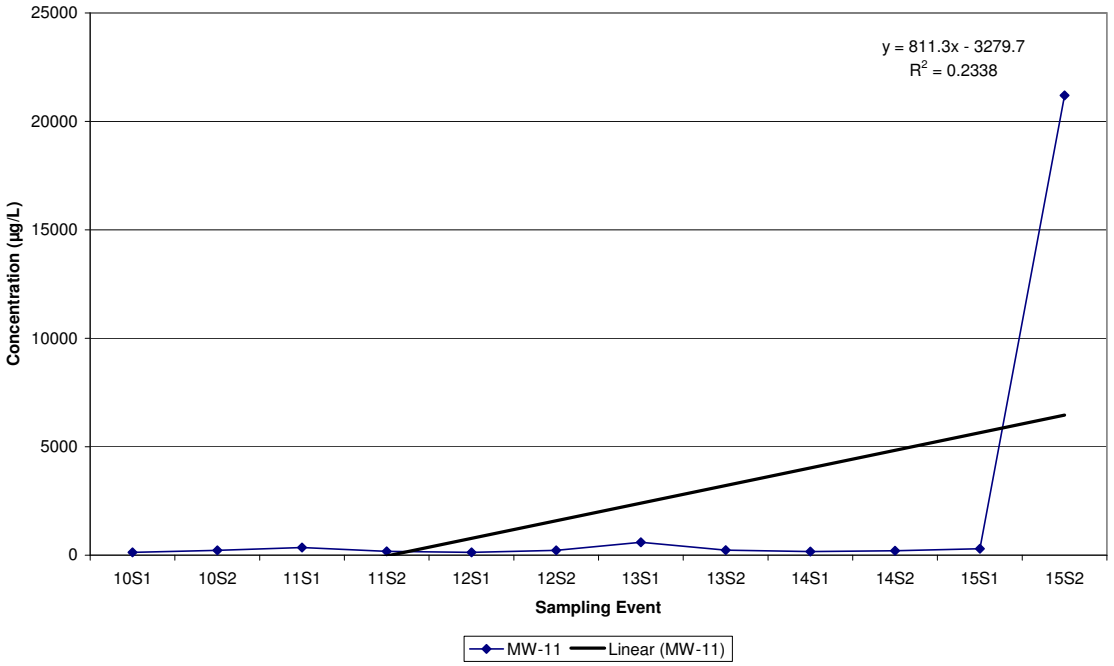
Hardee County Class I Landfill
Historic IRON (FE) in MW-4



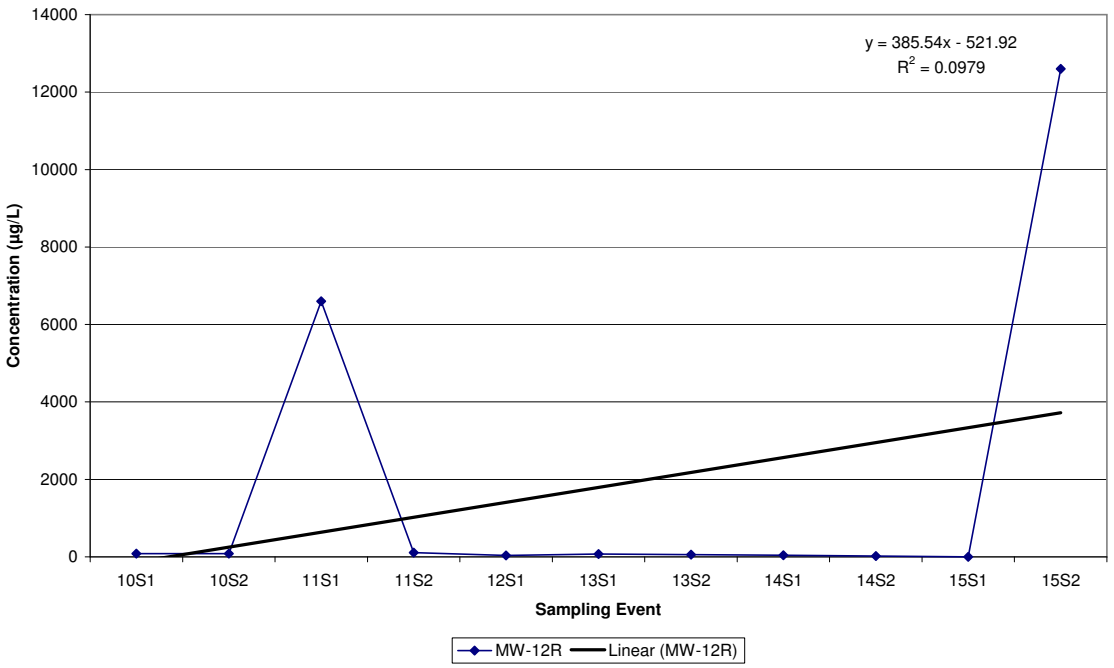
Hardee County Class I Landfill
Historic IRON (FE) in MW-10R



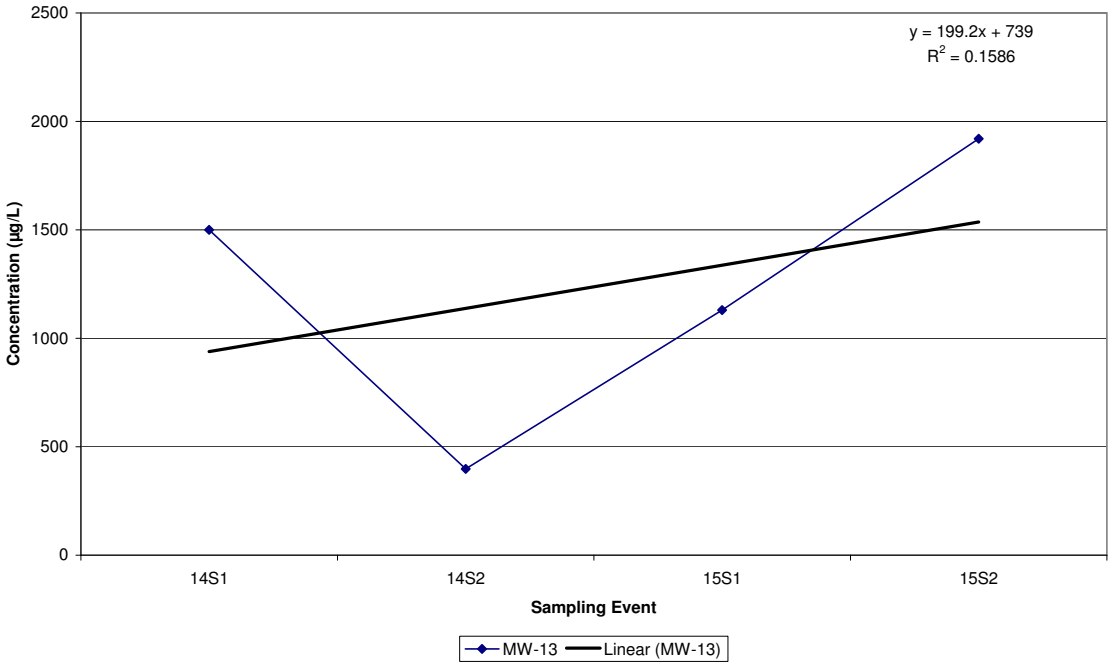
Hardee County Class I Landfill
Historic IRON (FE) in MW-11



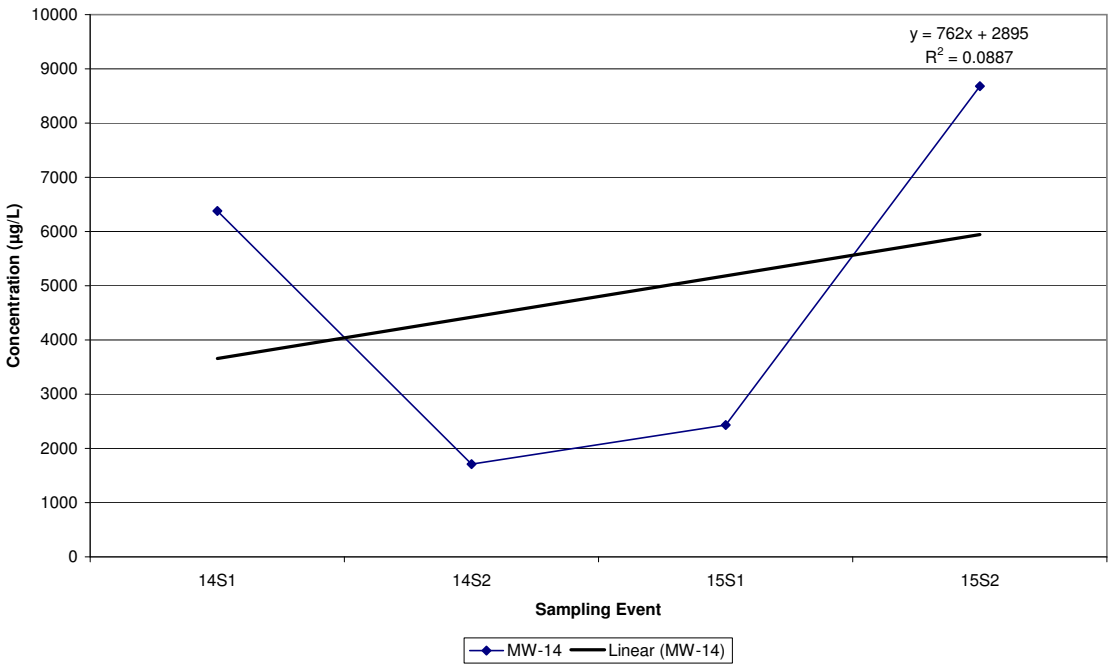
Hardee County Class I Landfill
Historic IRON (FE) in MW-12R



Hardee County Class I Landfill
Historic IRON (FE) in MW-13

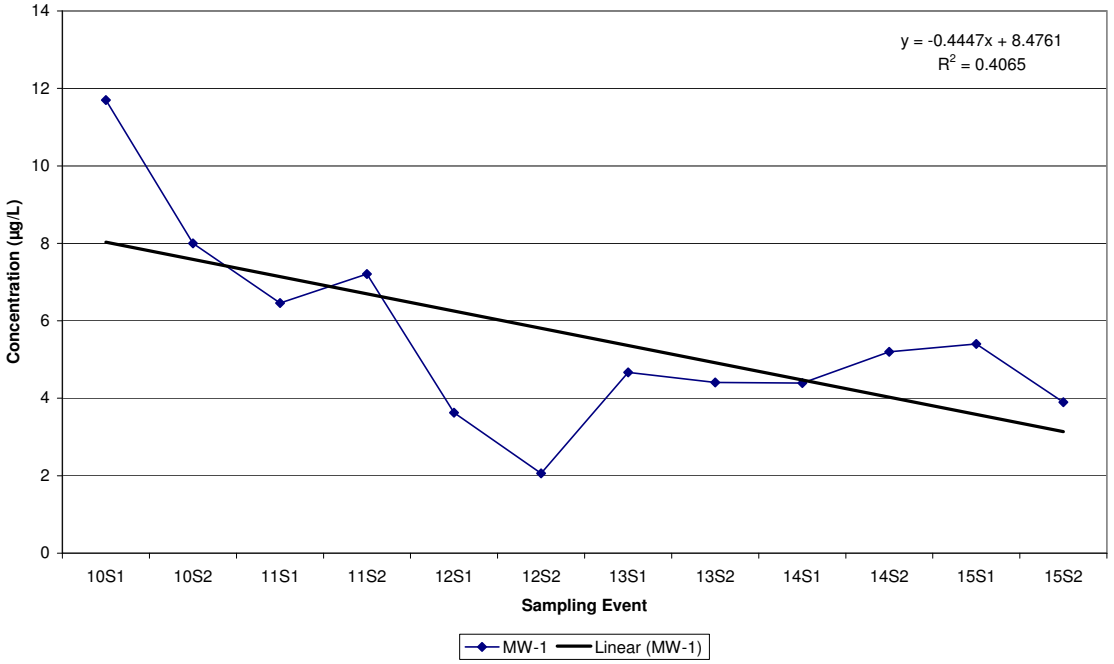


Hardee County Class I Landfill
Historic IRON (FE) in MW-14

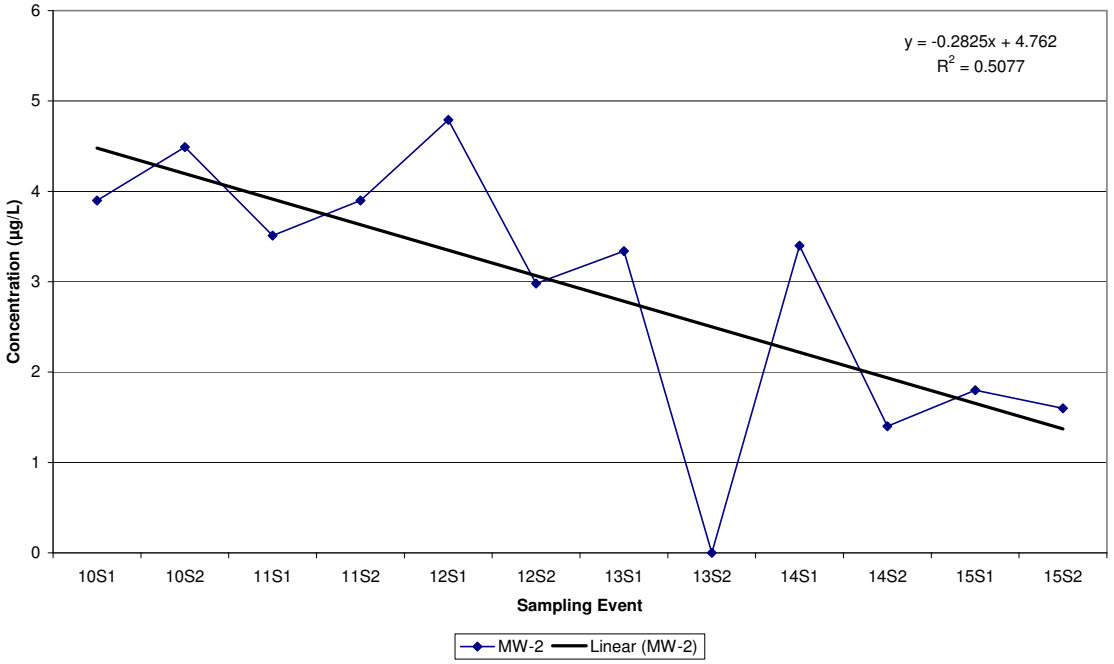


Historical Nickel Data

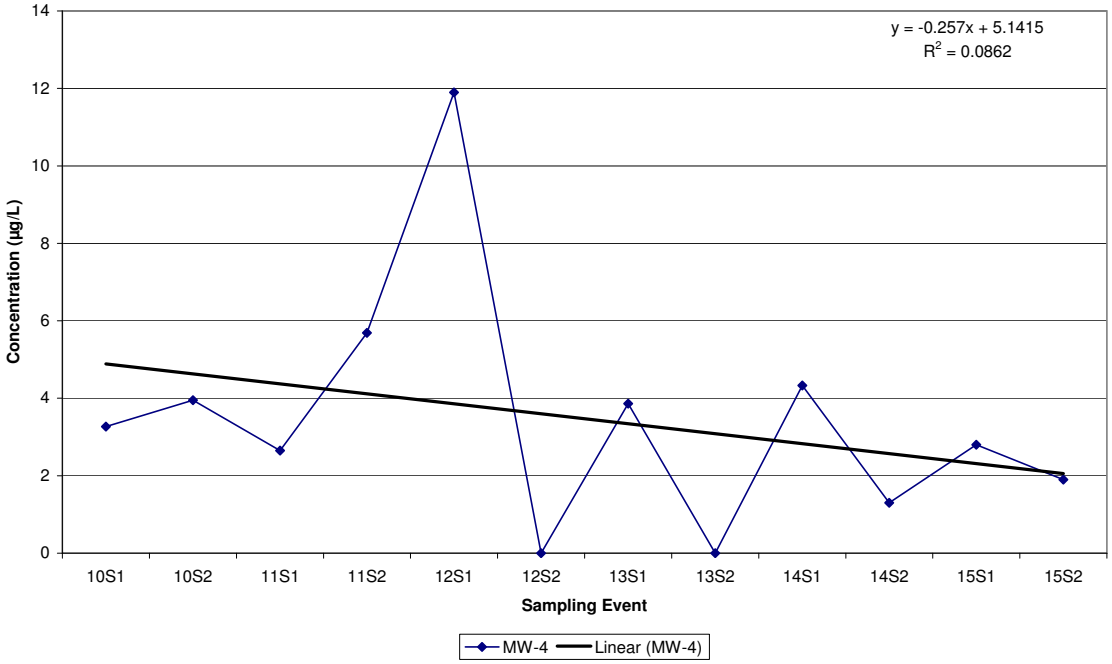
Hardee County Class I Landfill
Historic NICKEL (NI) in MW-1



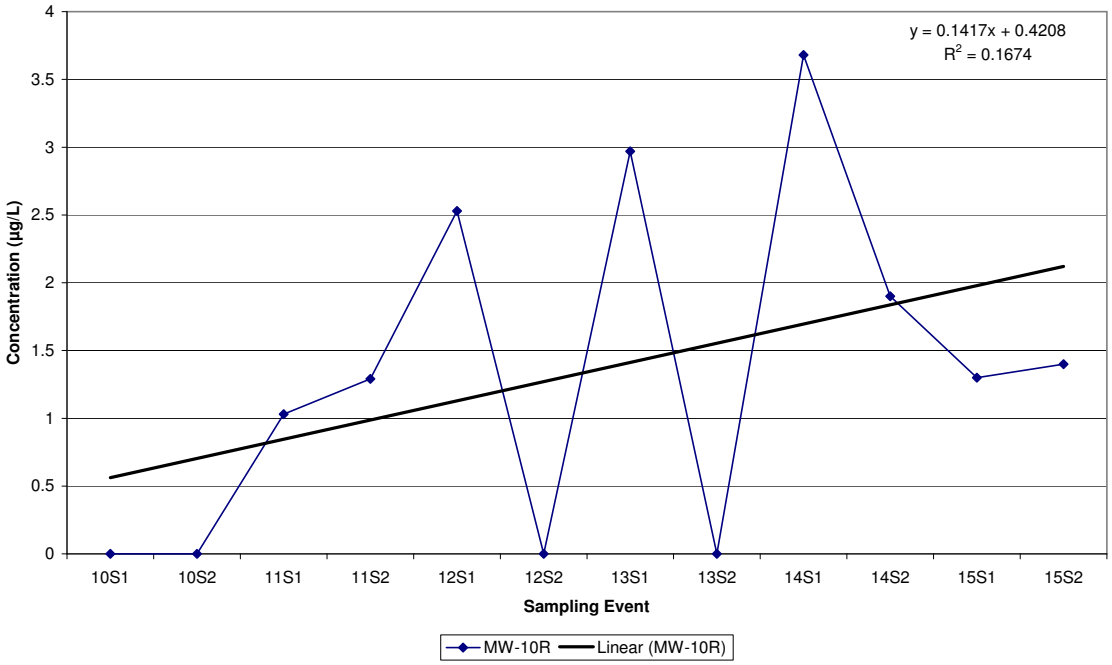
Hardee County Class I Landfill
Historic NICKEL (NI) in MW-2



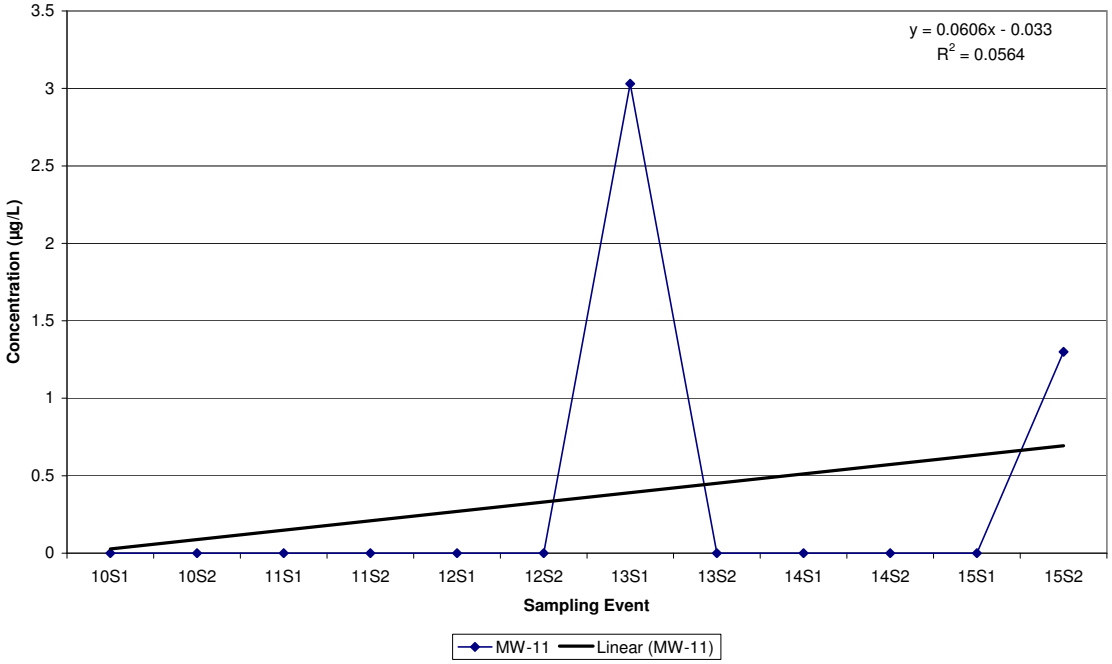
Hardee County Class I Landfill
Historic NICKEL (NI) in MW-4



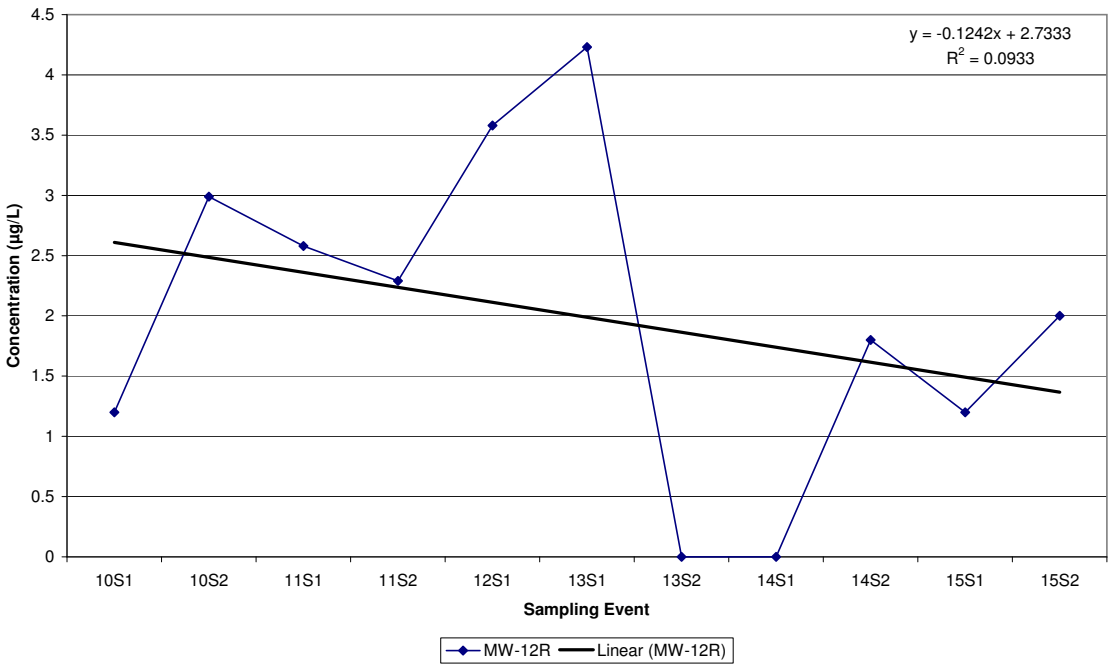
Hardee County Class I Landfill
Historic NICKEL (NI) in MW-10R



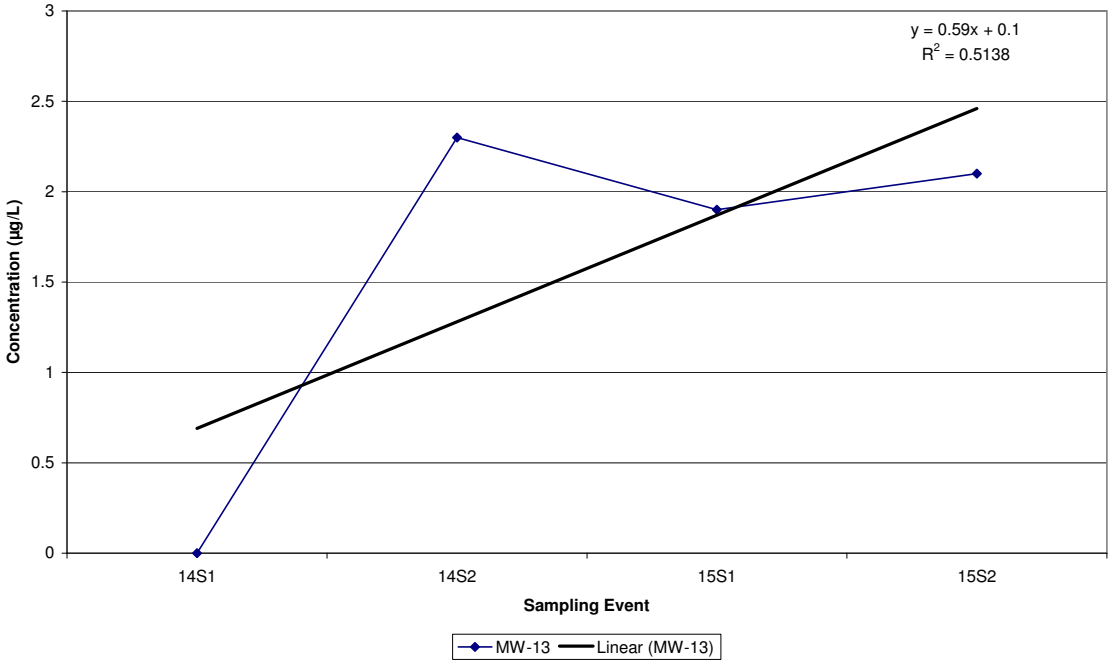
Hardee County Class I Landfill
Historic NICKEL (NI) in MW-11



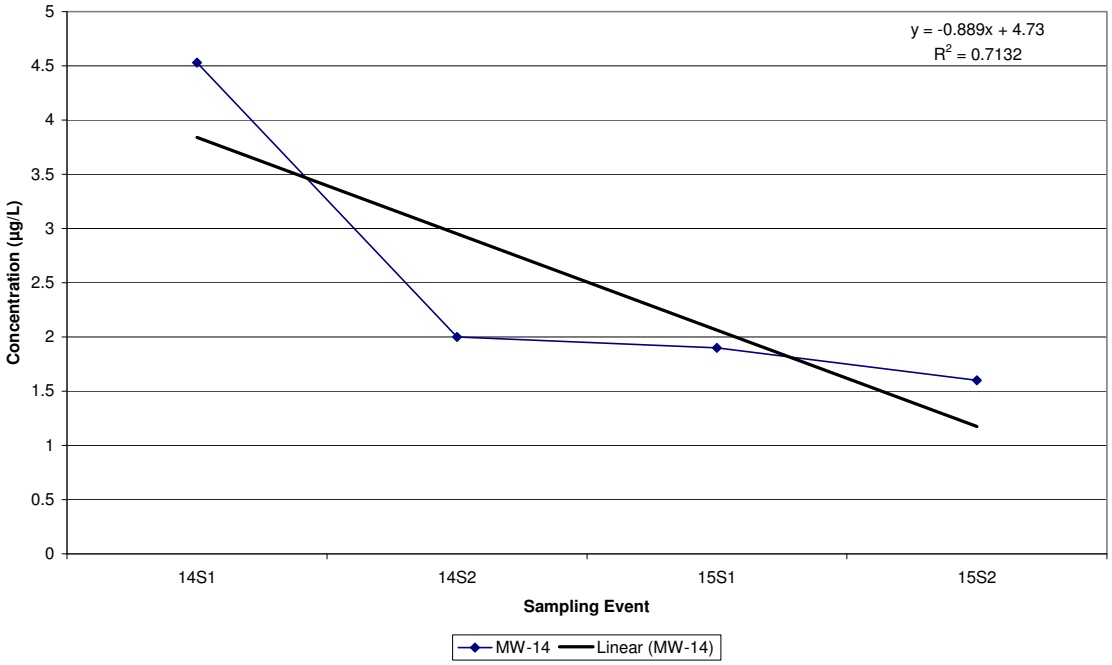
Hardee County Class I Landfill
Historic NICKEL (NI) in MW-12R



Hardee County Class I Landfill
Historic NICKEL (NI) in MW-13

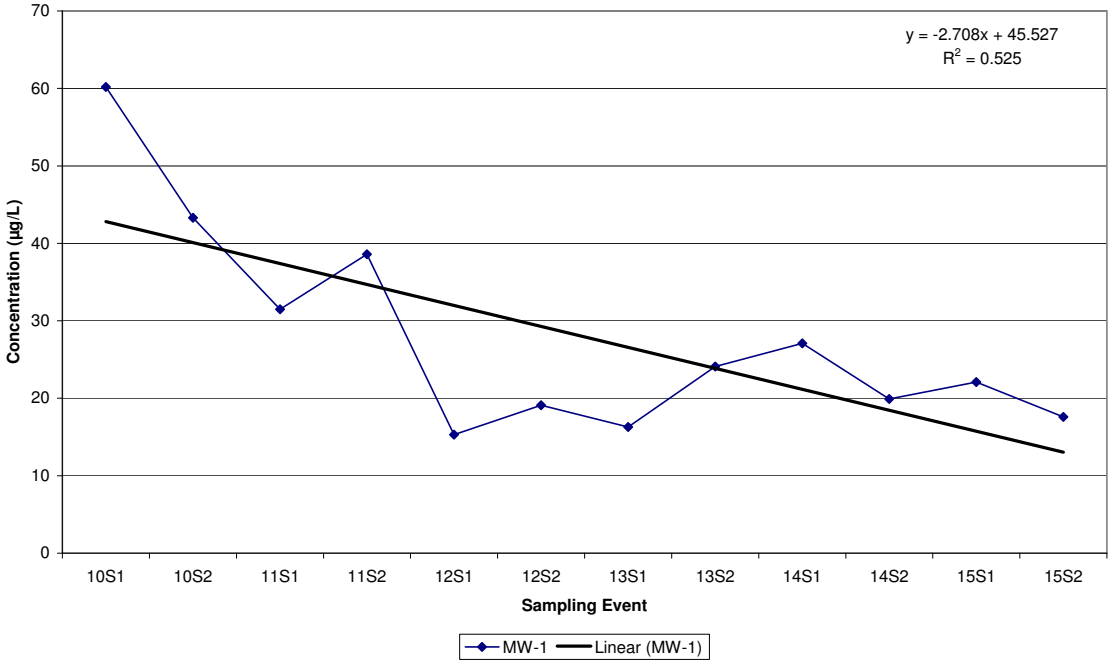


Hardee County Class I Landfill
Historic NICKEL (NI) in MW-14

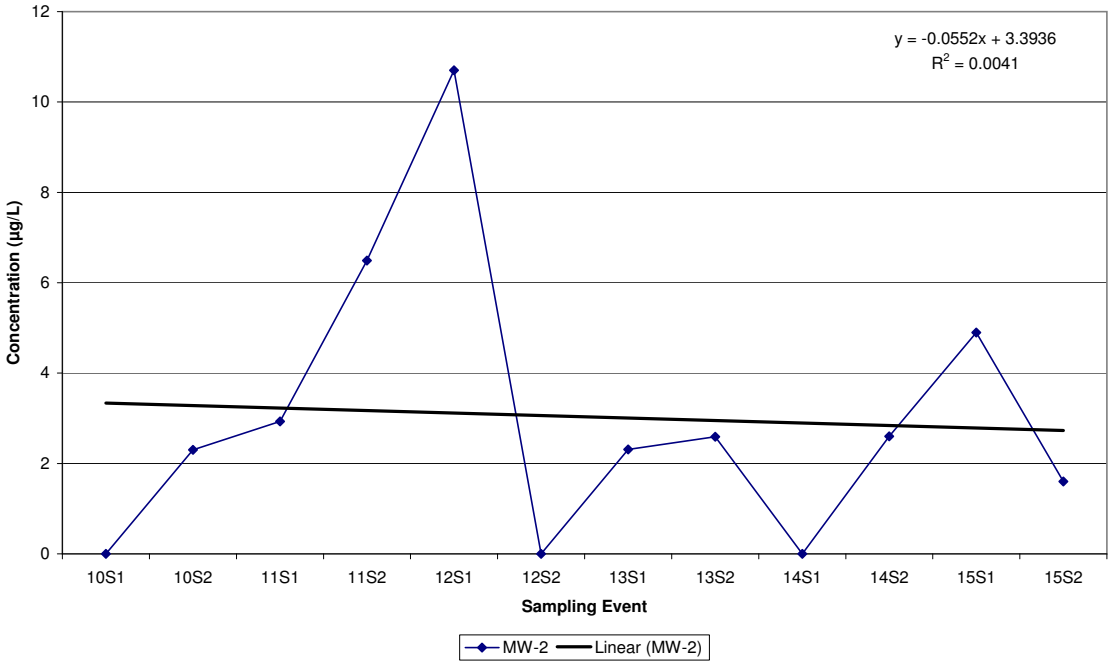


Historical Vanadium Data

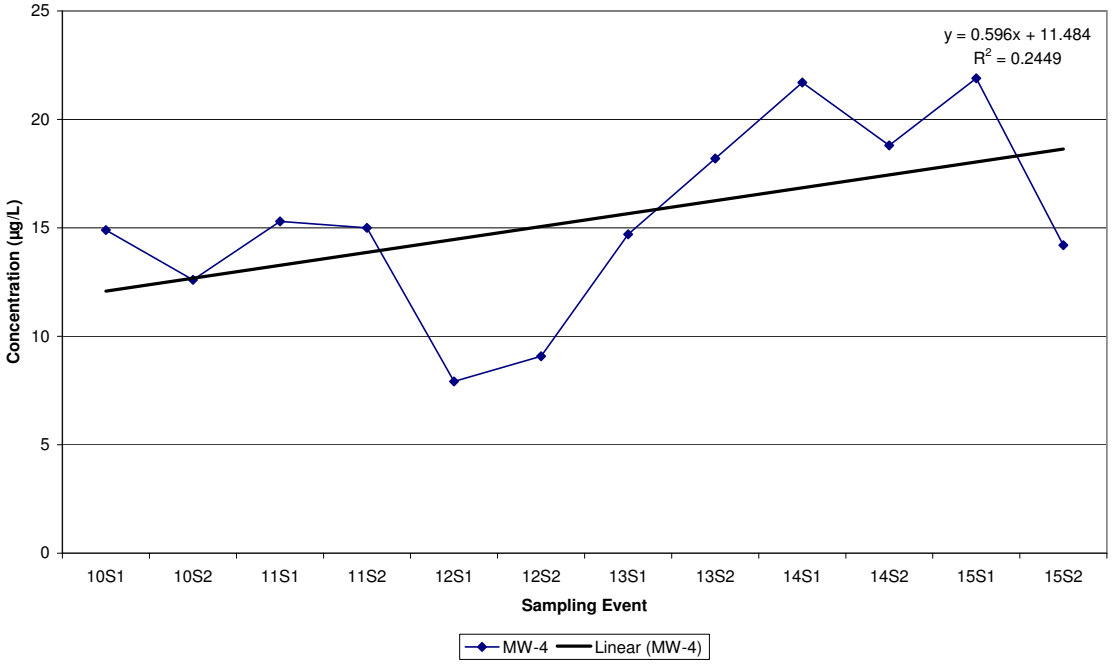
Hardee County Class I Landfill
Historic VANADIUM in MW-1



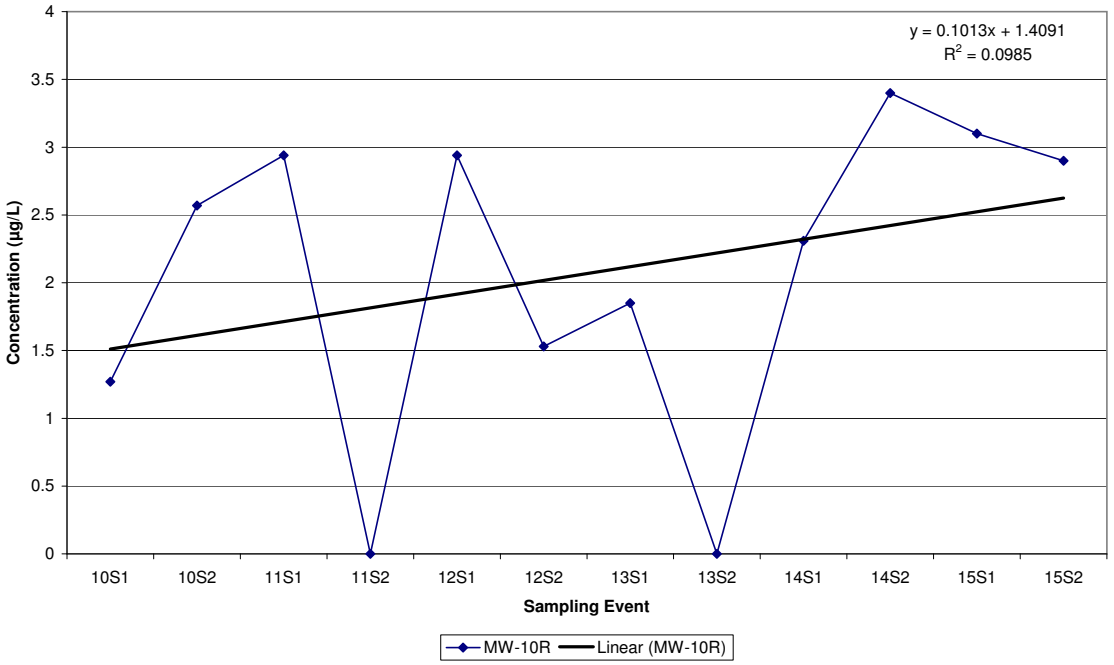
Hardee County Class I Landfill
Historic VANADIUM in MW-2



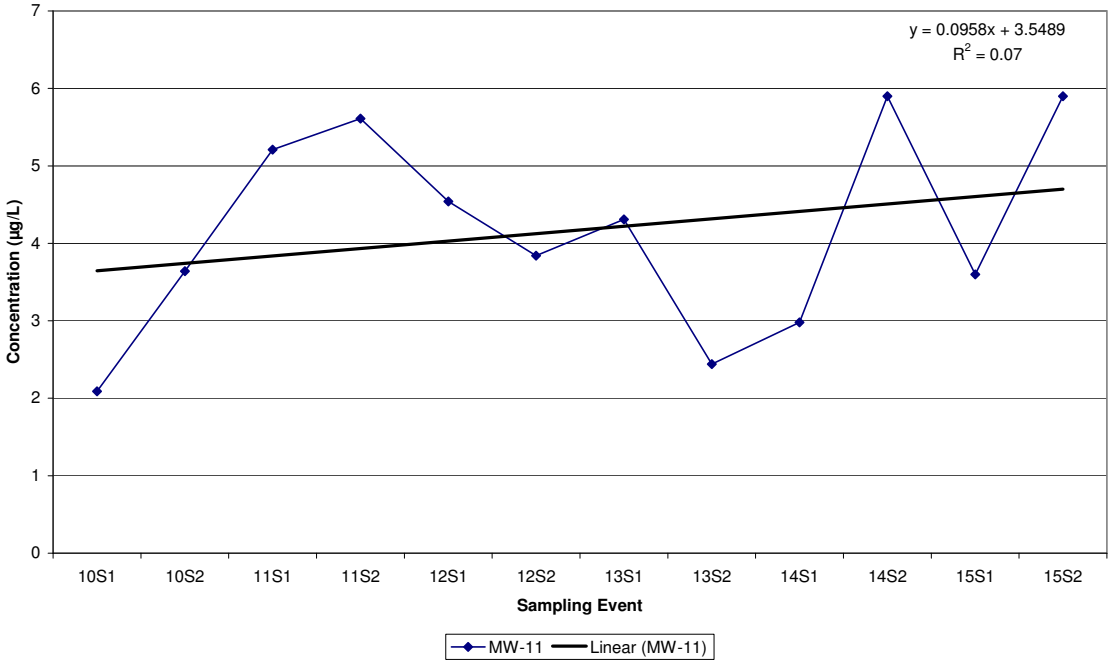
Hardee County Class I Landfill
Historic VANADIUM in MW-4



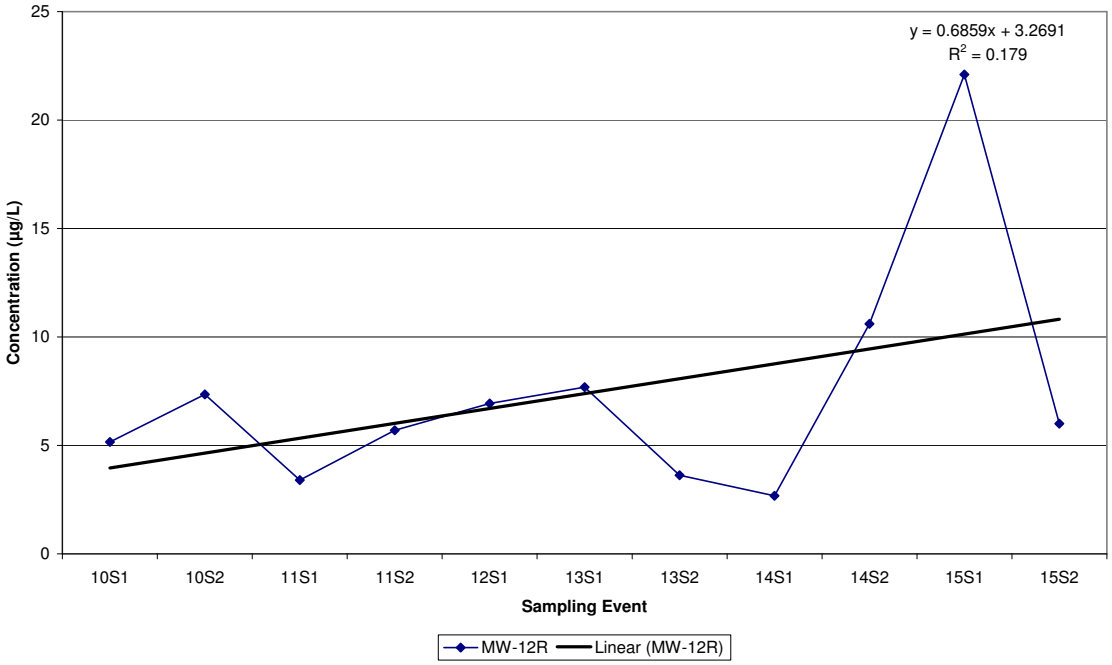
Hardee County Class I Landfill
Historic VANADIUM in MW-10R



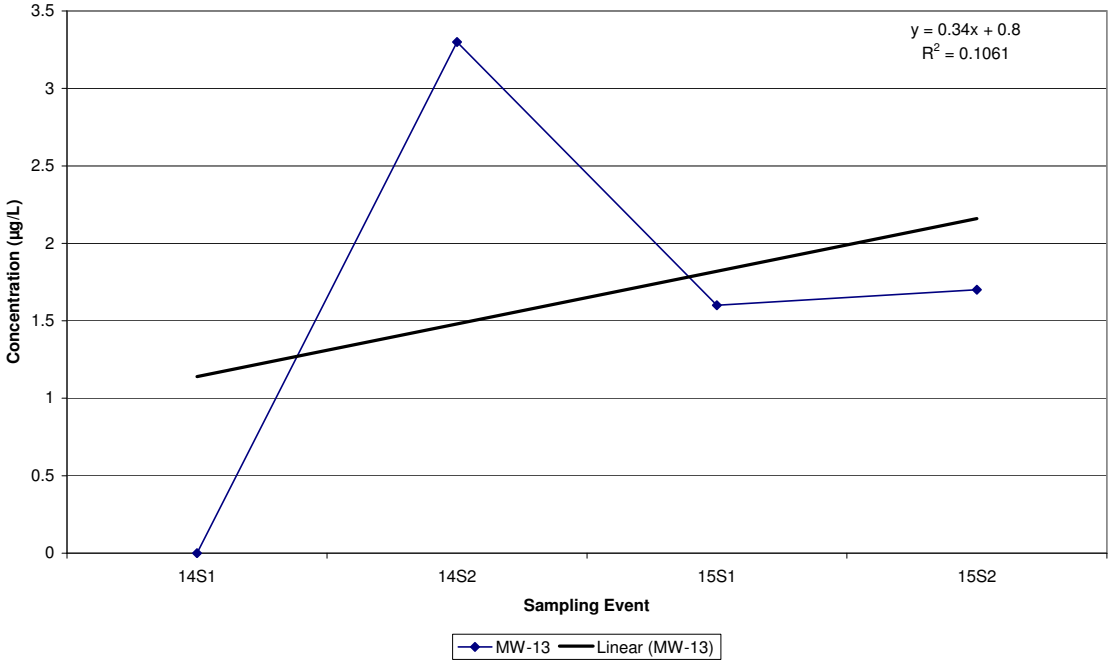
Hardee County Class I Landfill
Historic VANADIUM in MW-11



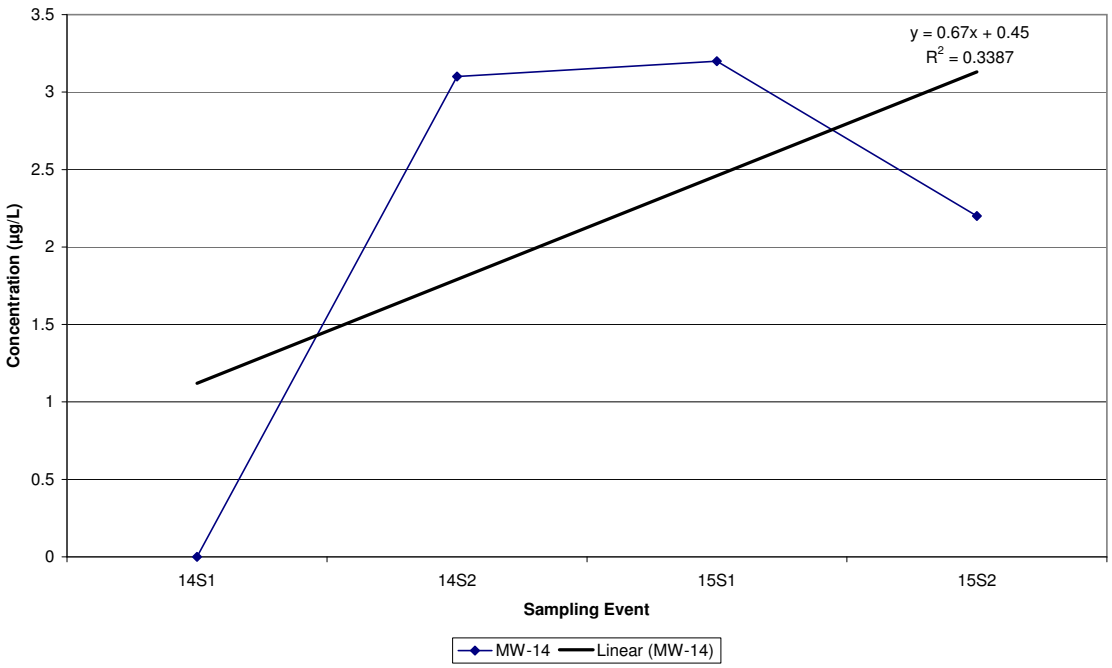
Hardee County Class I Landfill
Historic VANADIUM in MW-12R



Hardee County Class I Landfill
Historic VANADIUM in MW-13

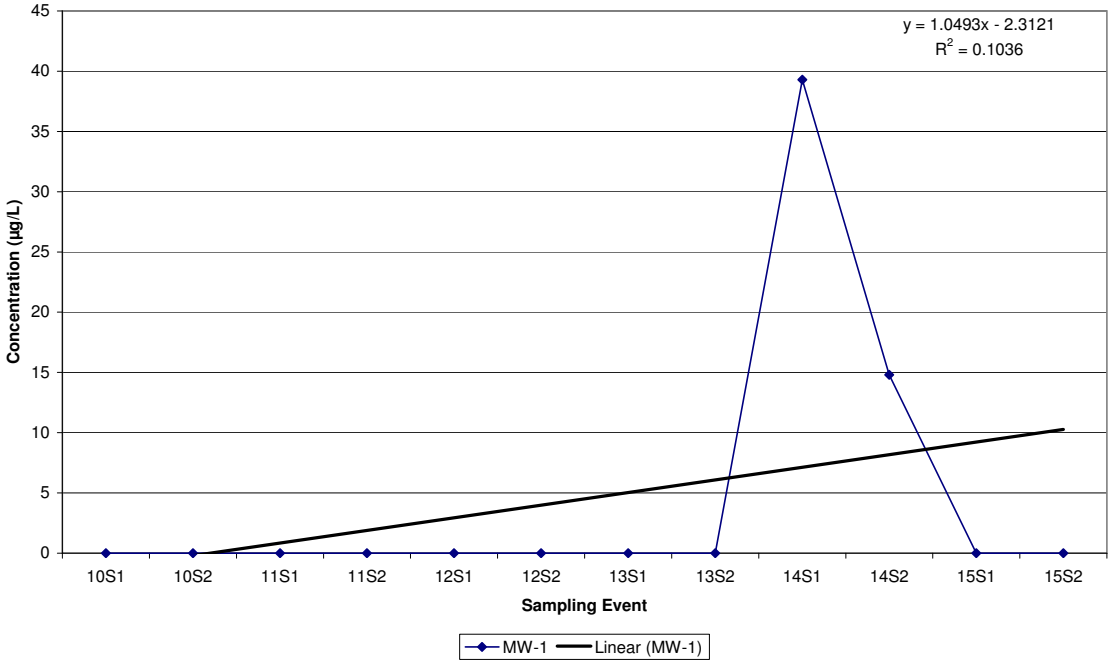


Hardee County Class I Landfill
Historic VANADIUM in MW-14

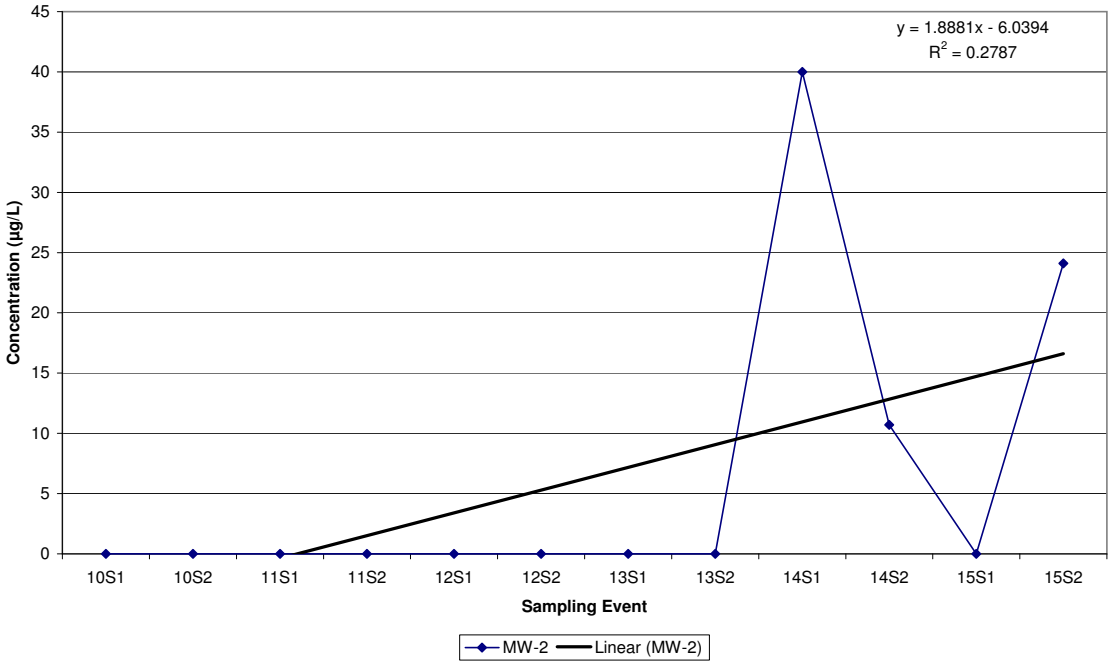


Historical Zinc Data

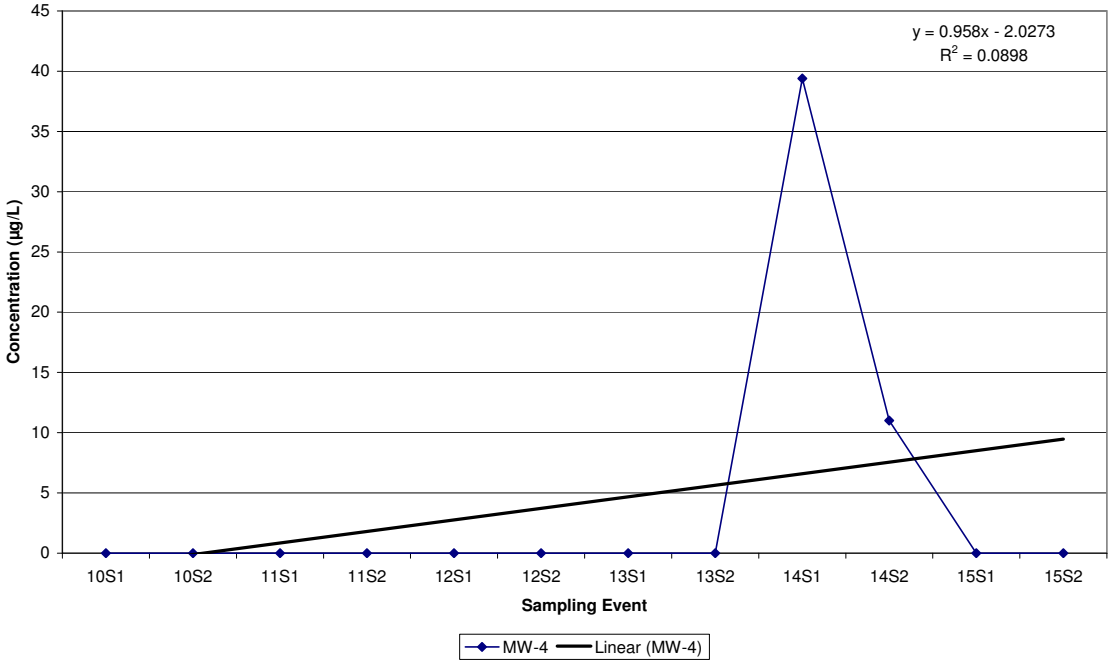
Hardee County Class I Landfill
Historic ZINC (ZN) in MW-1



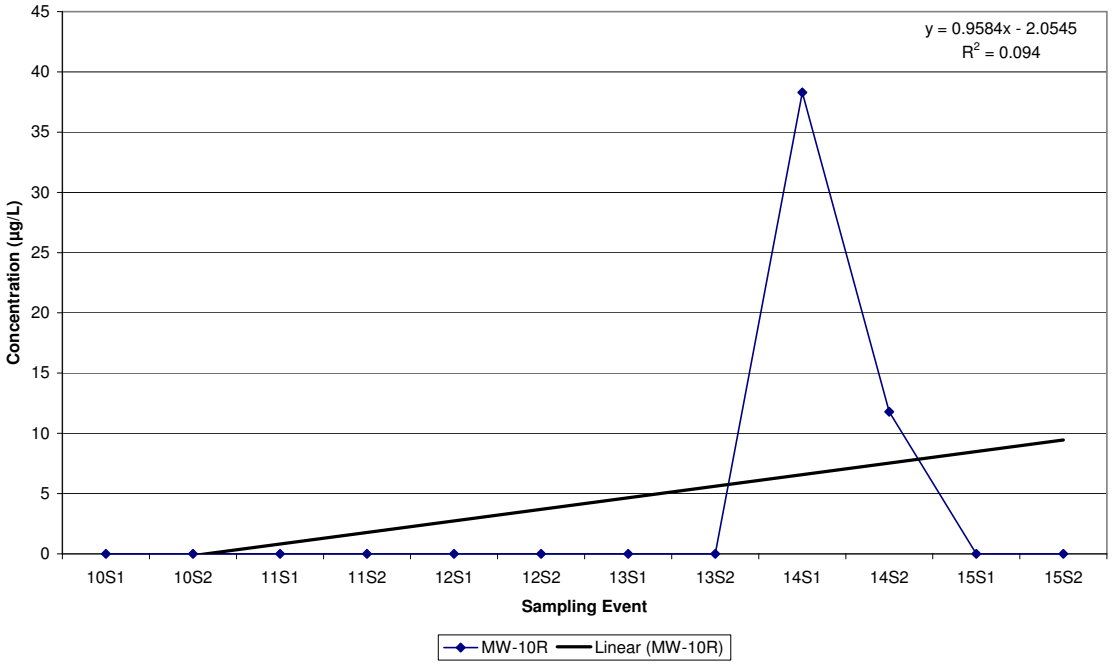
Hardee County Class I Landfill
Historic ZINC (ZN) in MW-2



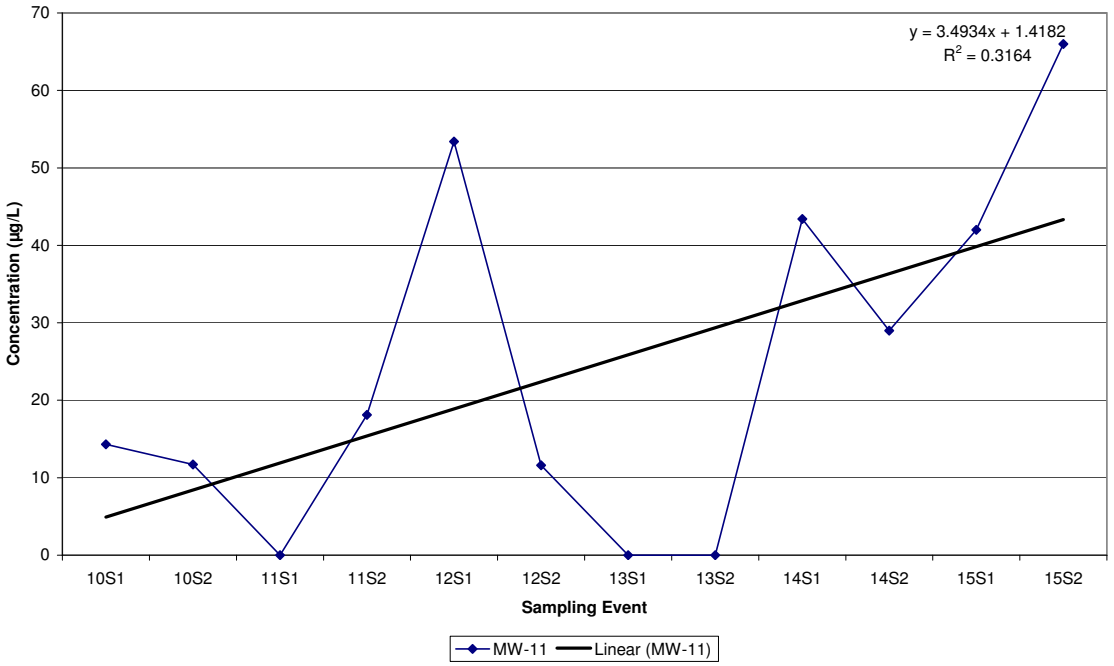
Hardee County Class I Landfill
Historic ZINC (ZN) in MW-4



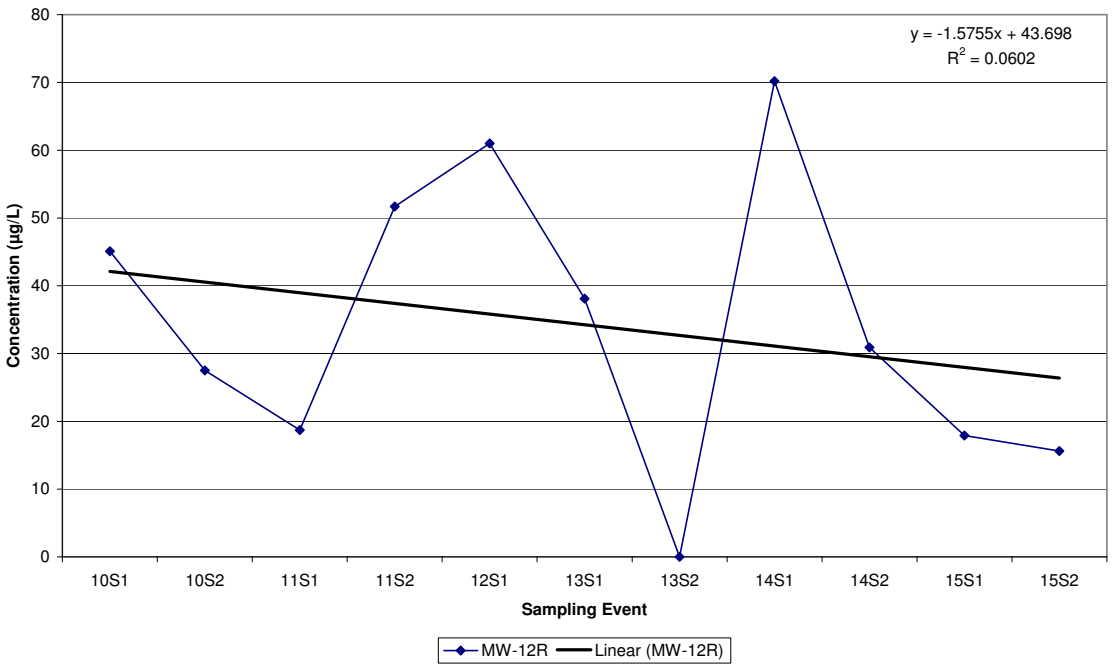
Hardee County Class I Landfill
Historic ZINC (ZN) in MW-10R



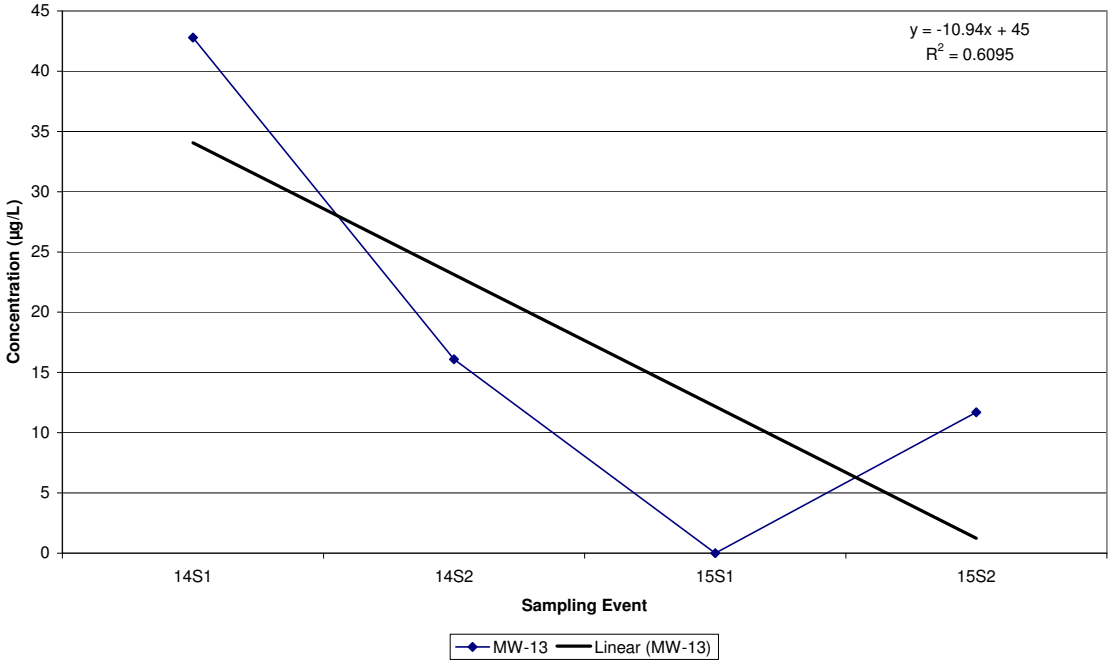
Hardee County Class I Landfill
Historic ZINC (ZN) in MW-11



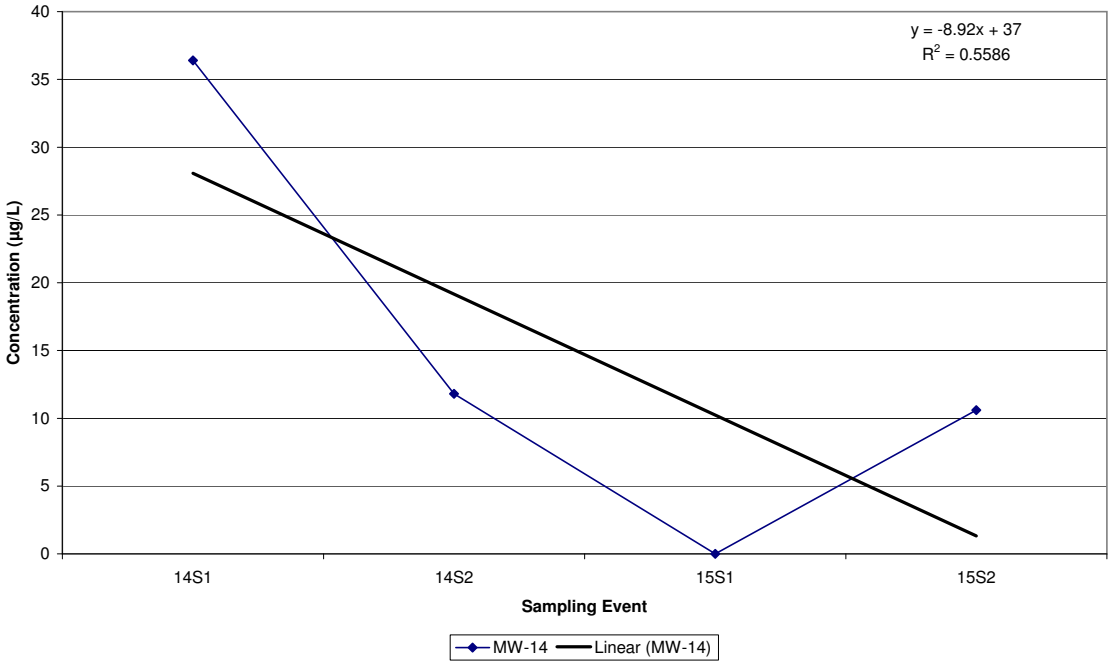
Hardee County Class I Landfill
Historic ZINC (ZN) in MW-12R



Hardee County Class I Landfill
Historic ZINC (ZN) in MW-13



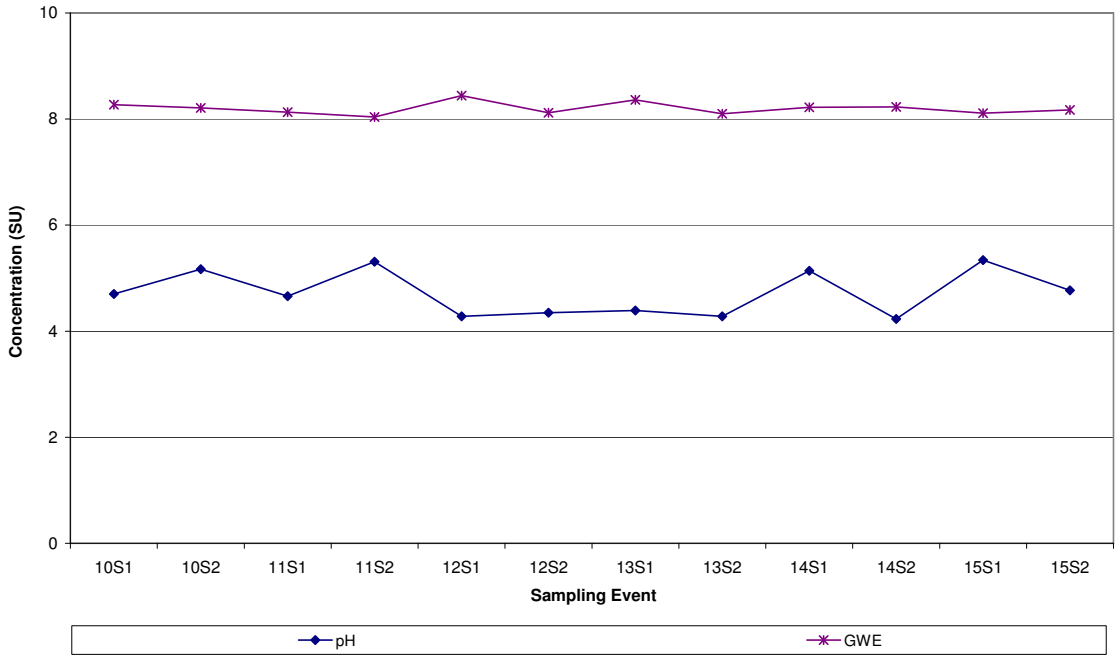
Hardee County Class I Landfill
Historic ZINC (ZN) in MW-14



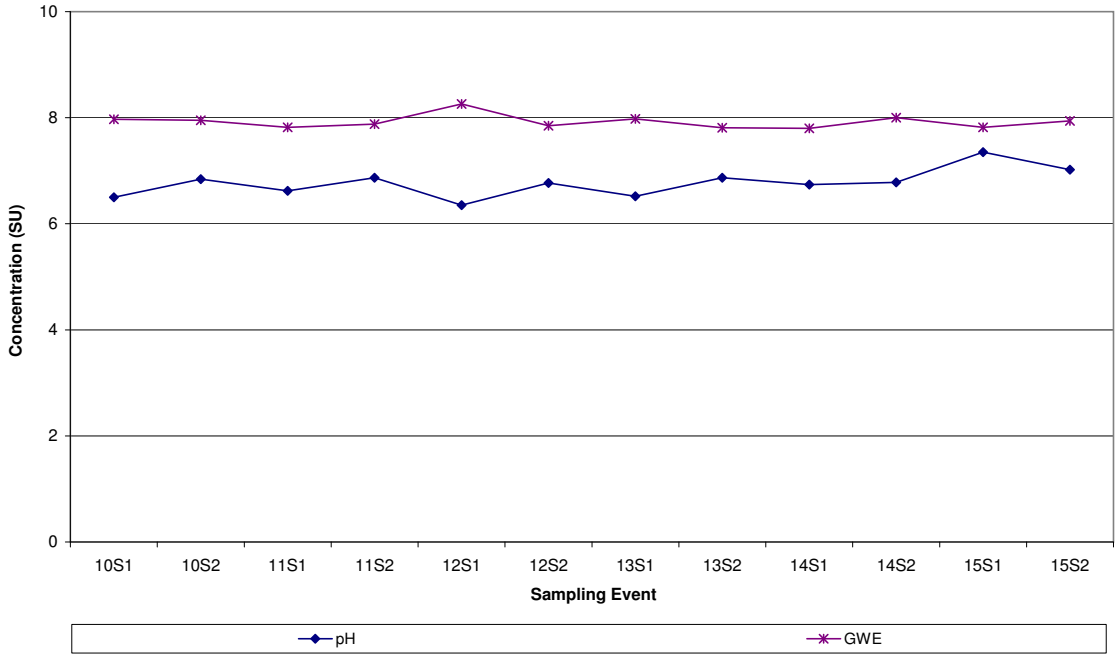
ATTACHMENT 9

GROUNDWATER PARAMETER COMPARISON GRAPHS

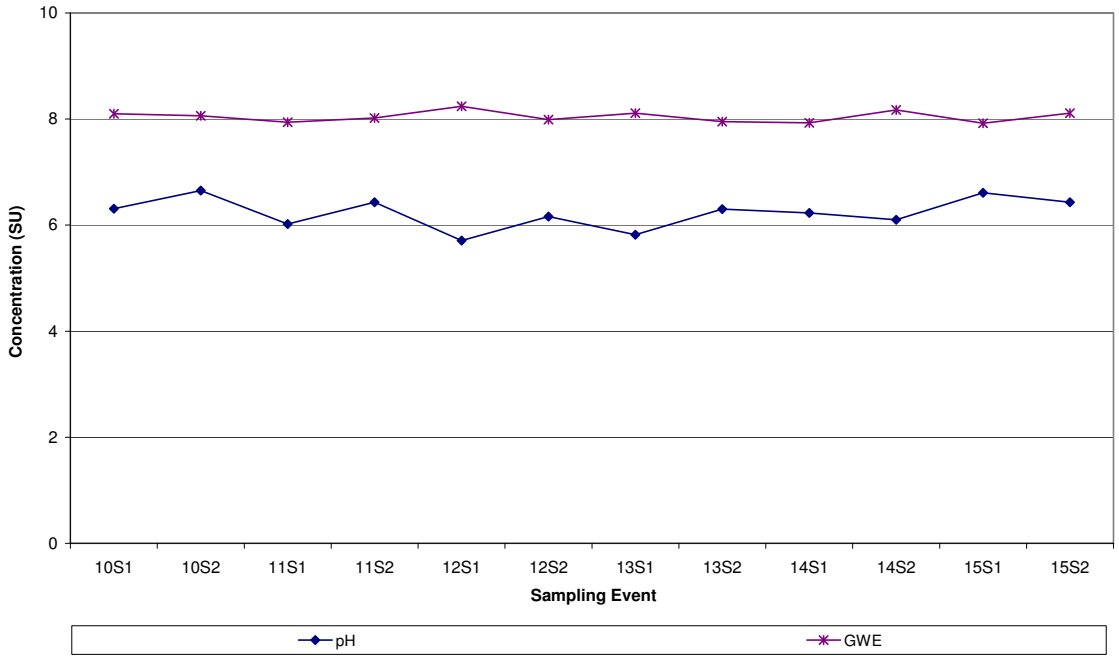
Hardee County Class I Landfill
MW-1 - GWE/pH Comparison Graph



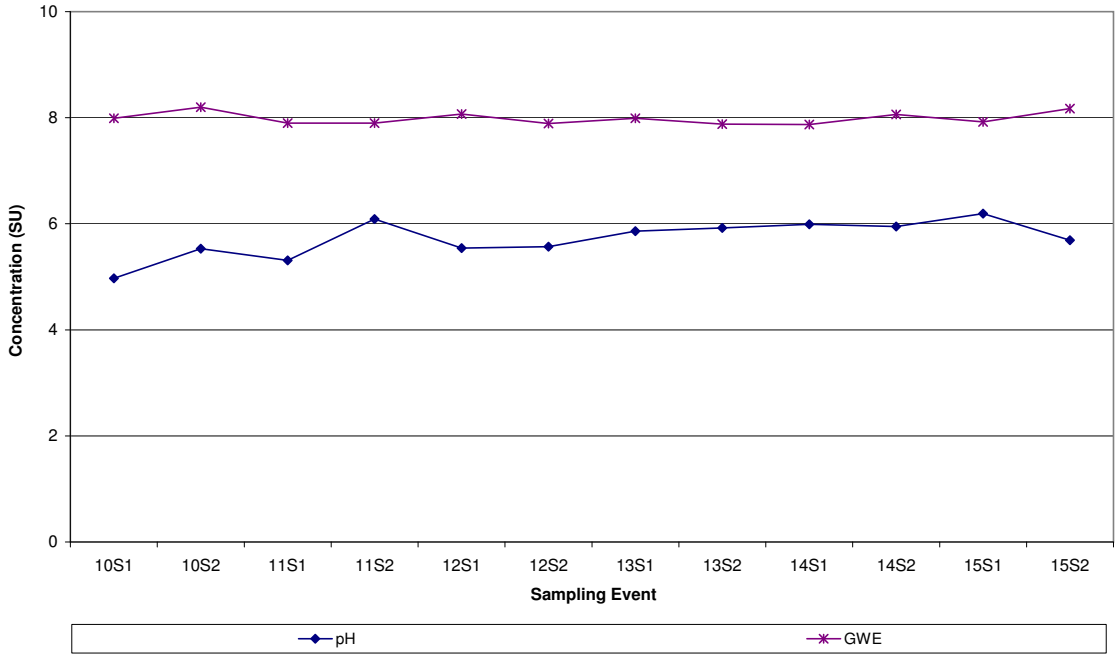
Hardee County Class I Landfill
MW-2 - GWE/pH Comparison Graph



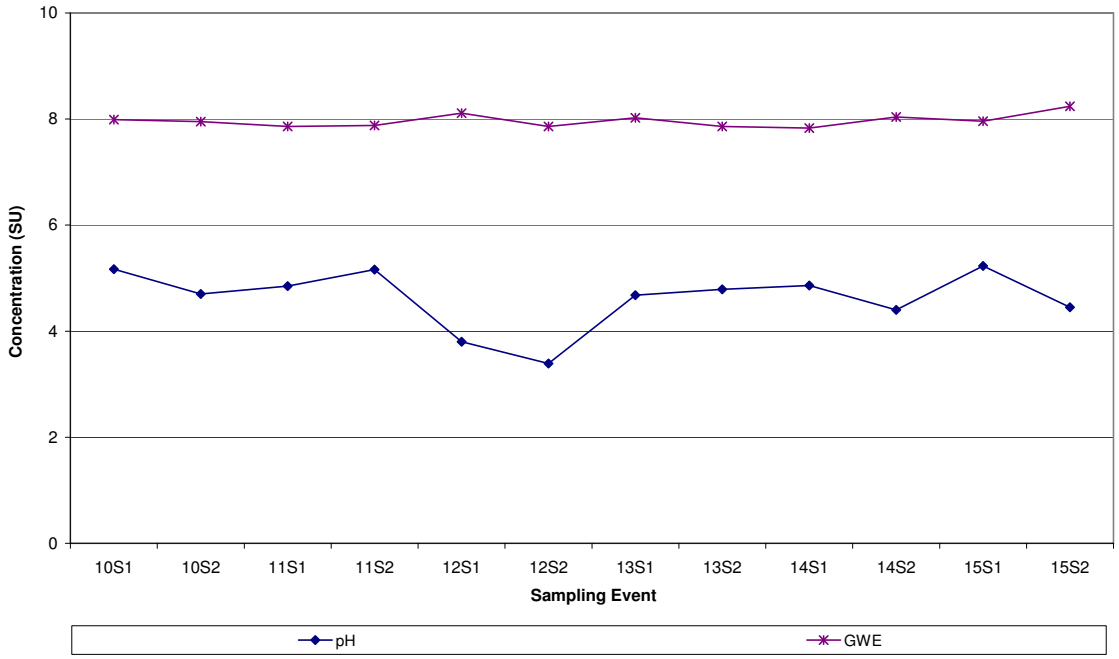
Hardee County Class I Landfill
MW-4 - GWE/pH Comparison Graph



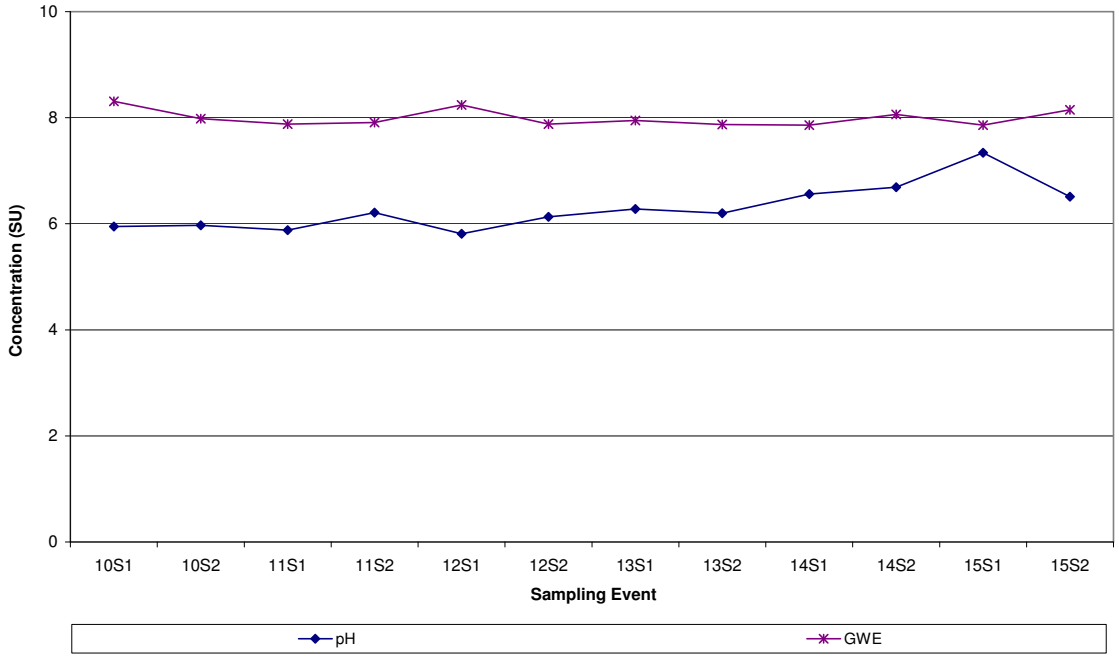
Hardee County Class I Landfill
MW-10R - GWE/pH Comparison Graph



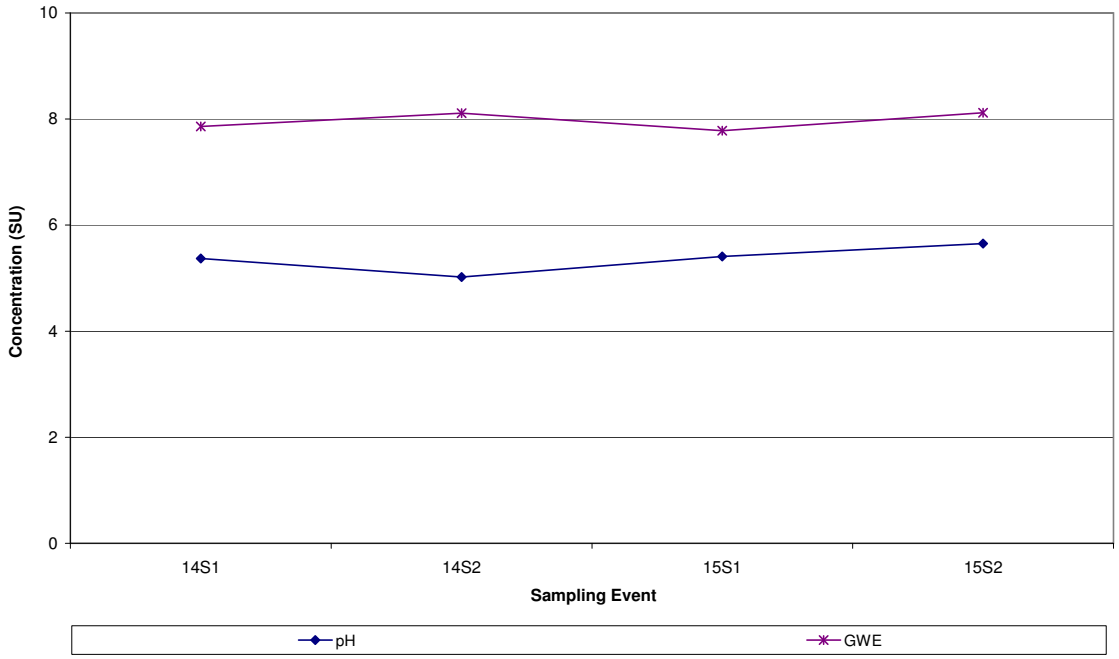
Hardee County Class I Landfill
MW-1 - GWE/pH Comparison Graph



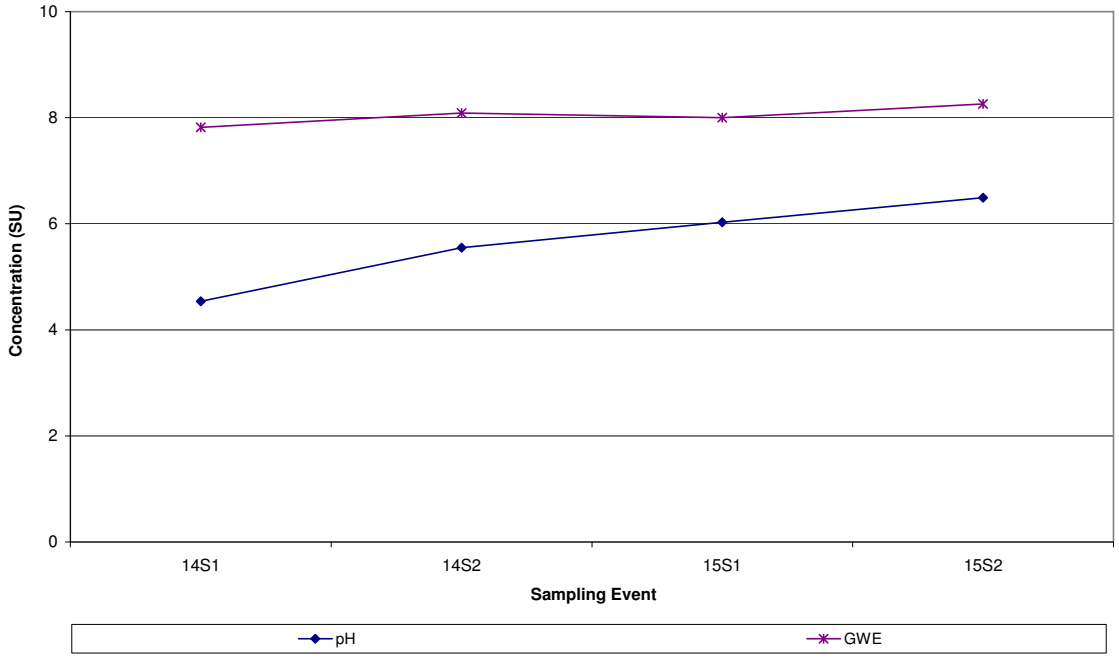
Hardee County Class I Landfill
MW-12R - GWE/pH Comparison Graph



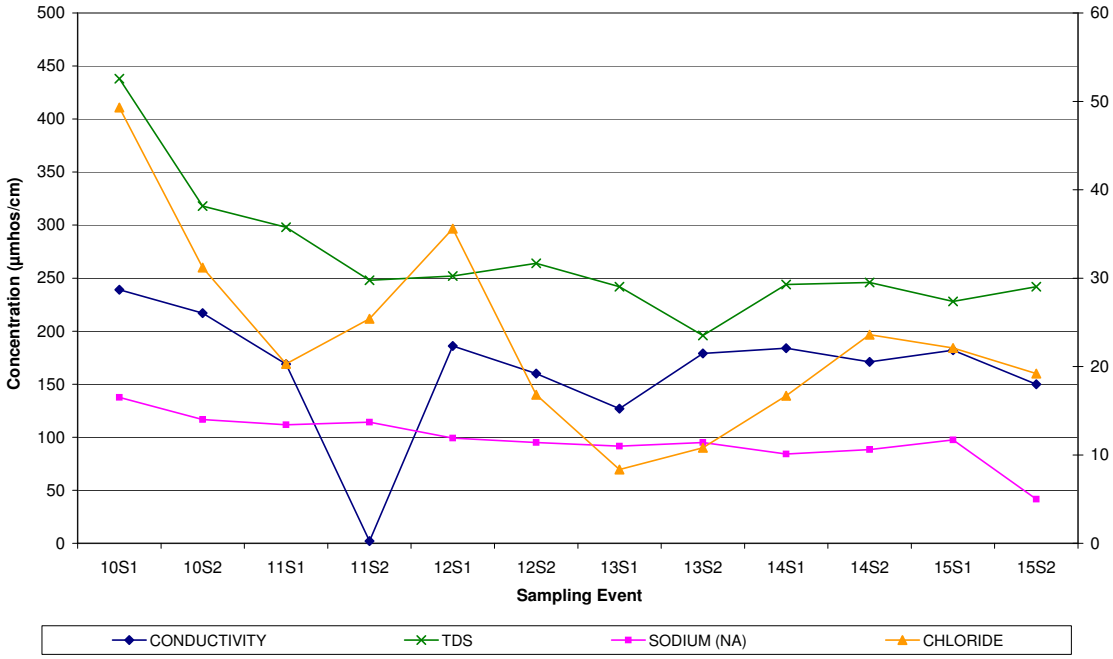
Hardee County Class I Landfill
MW-13 - GWE/pH Comparison Graph



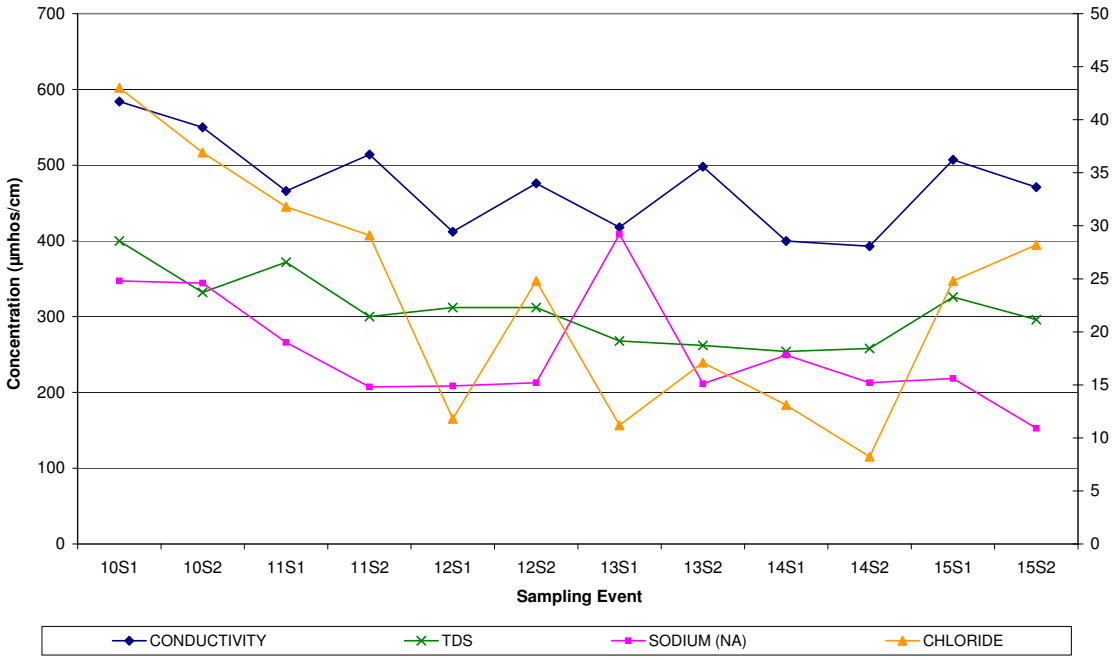
Hardee County Class I Landfill
MW-14 - GWE/pH Comparison Graph



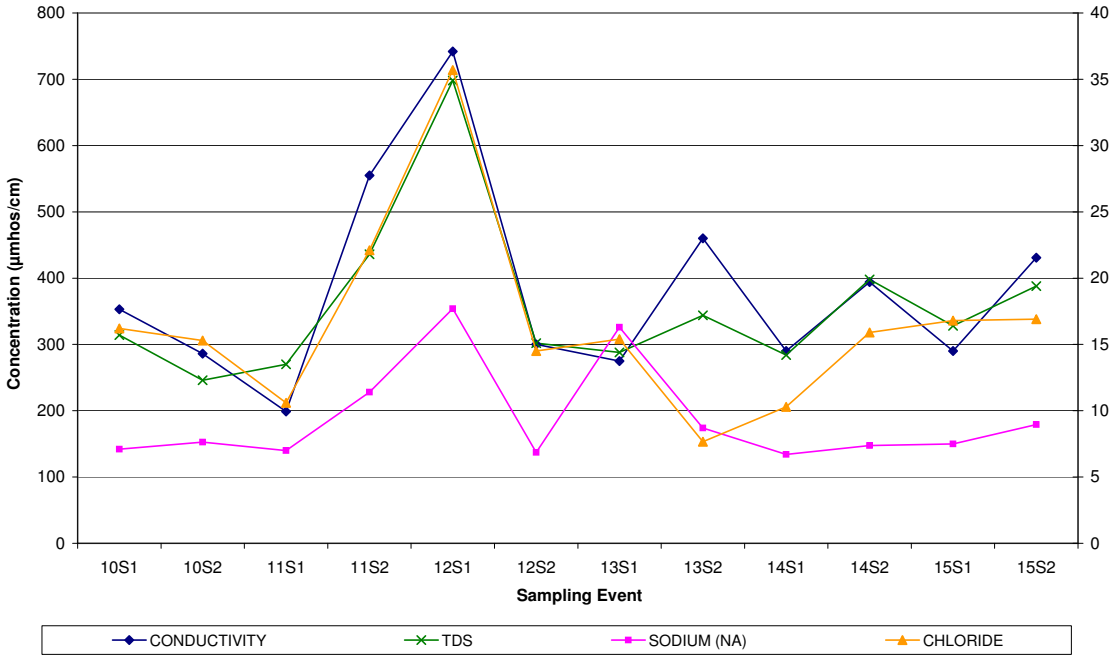
Hardee County Class I Landfill
MW-1 - Indicator Parameter Comparison Graph



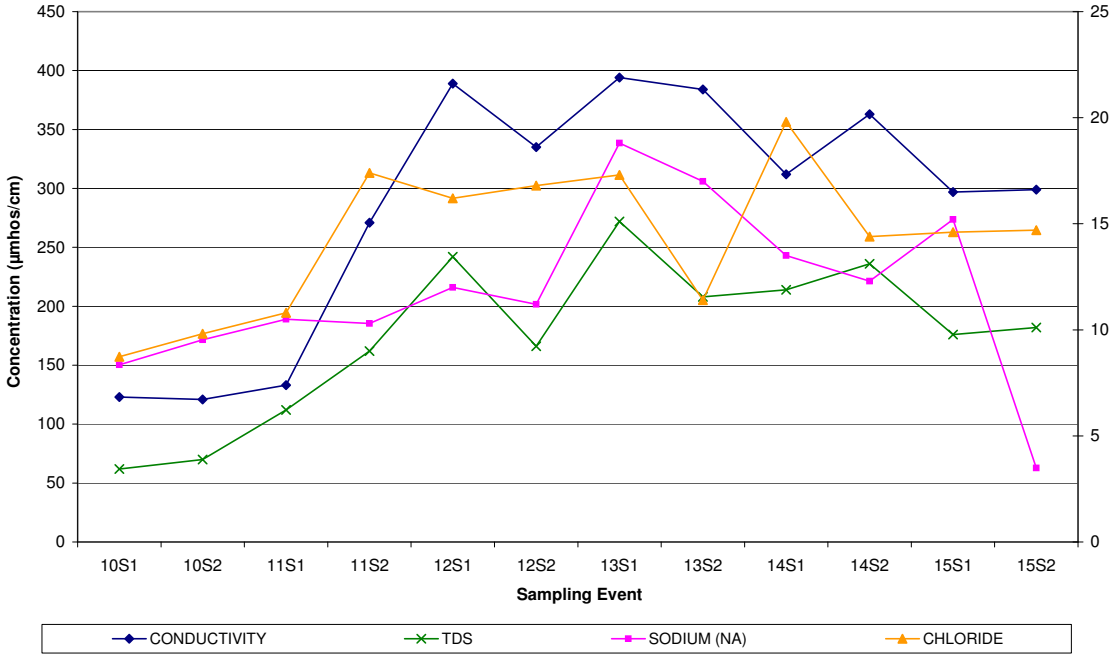
Hardee County Class I Landfill
MW-2 - Indicator Parameter Comparison Graph



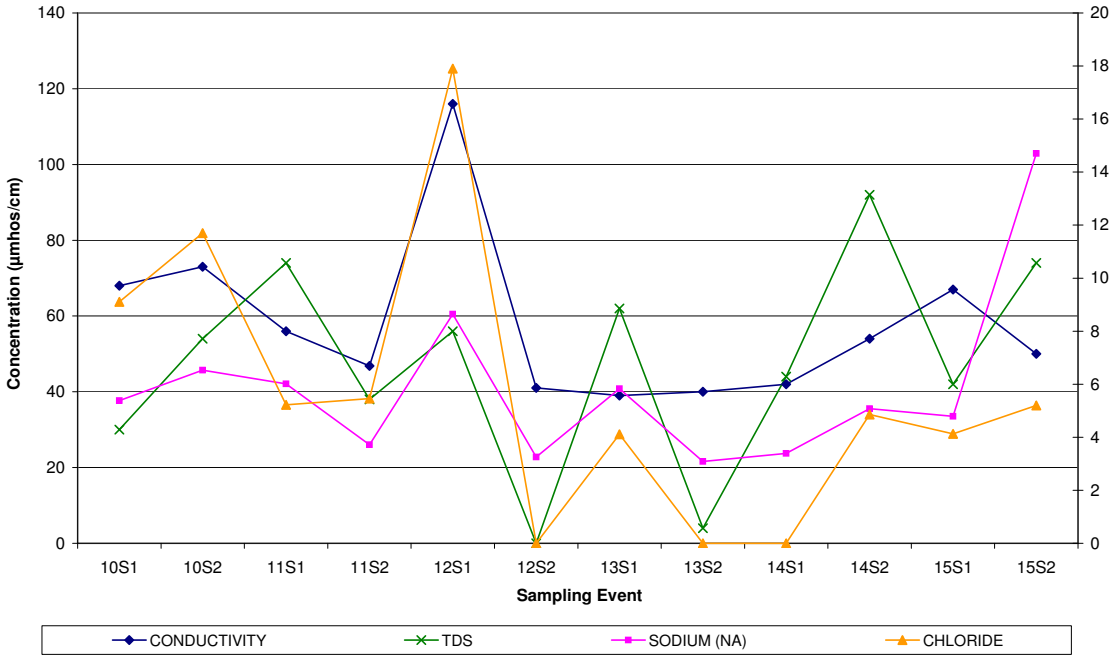
Hardee County Class I Landfill
MW-4 - Indicator Parameter Comparison Graph



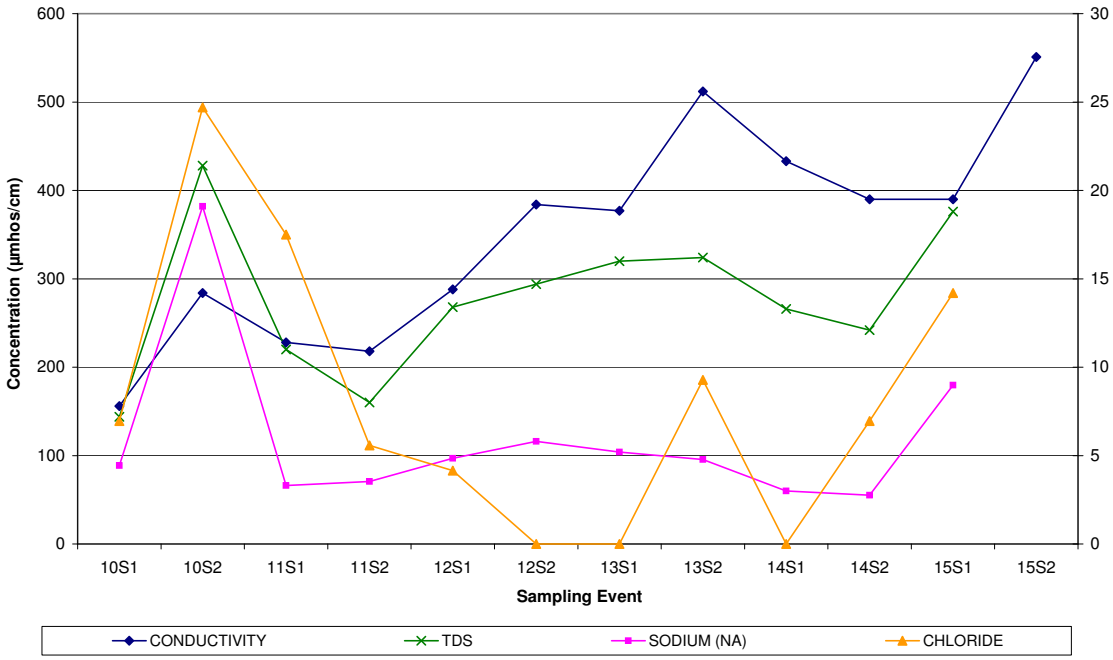
Hardee County Class I Landfill
MW-10R - Indicator Parameter Comparison Graph



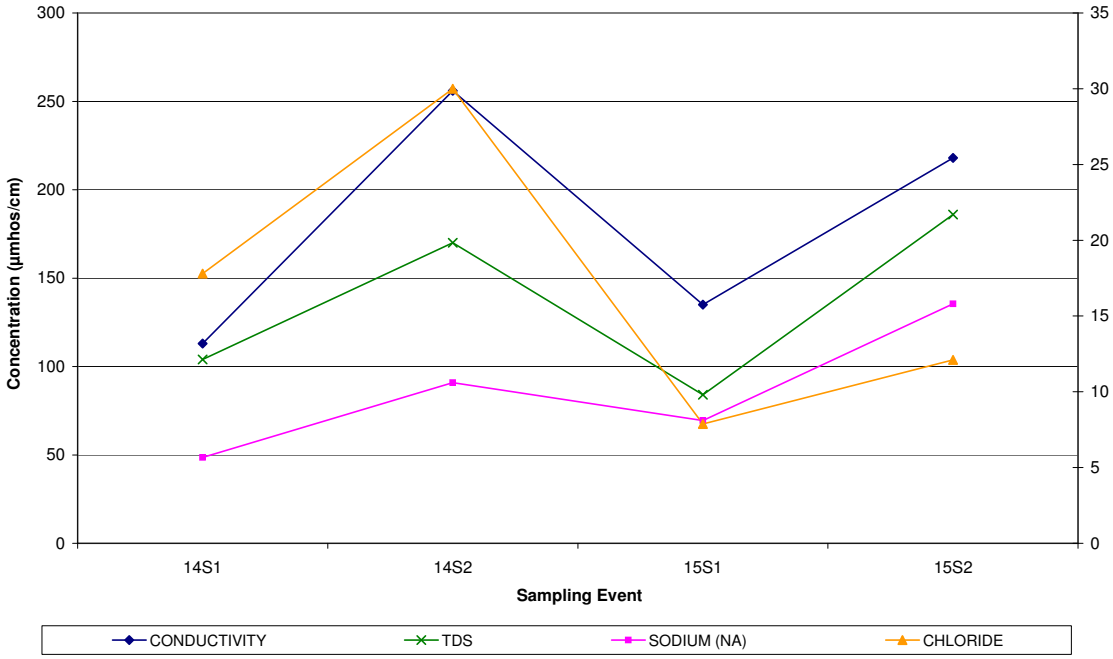
Hardee County Class I Landfill
MW-11 - Indicator Parameter Comparison Graph



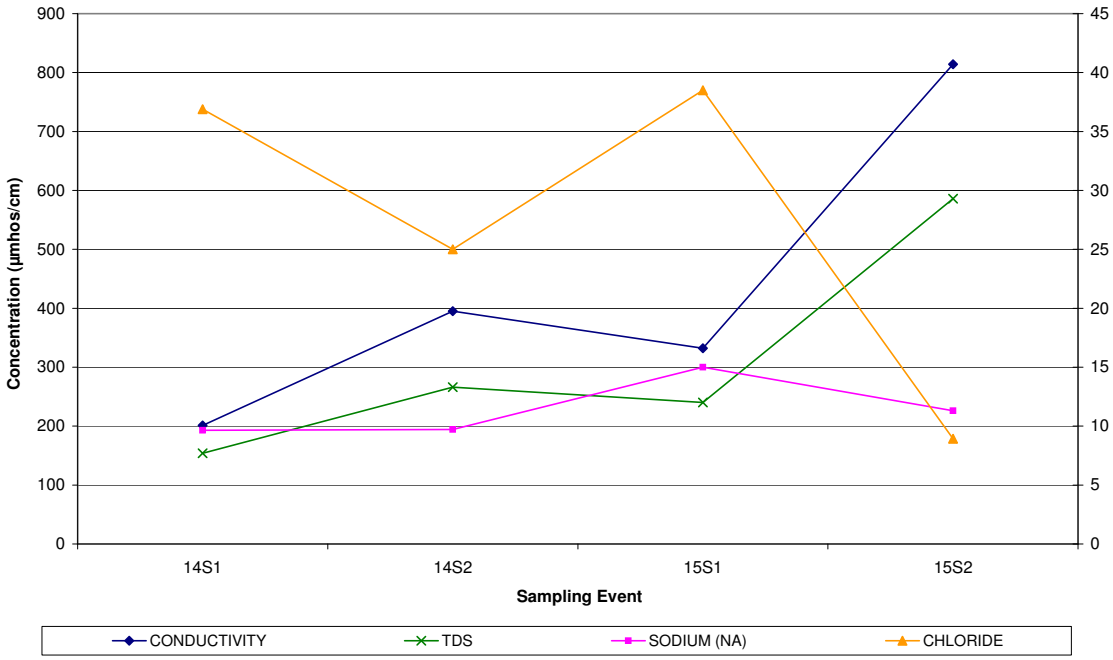
Hardee County Class I Landfill
MW-12R - Indicator Parameter Comparison Graph



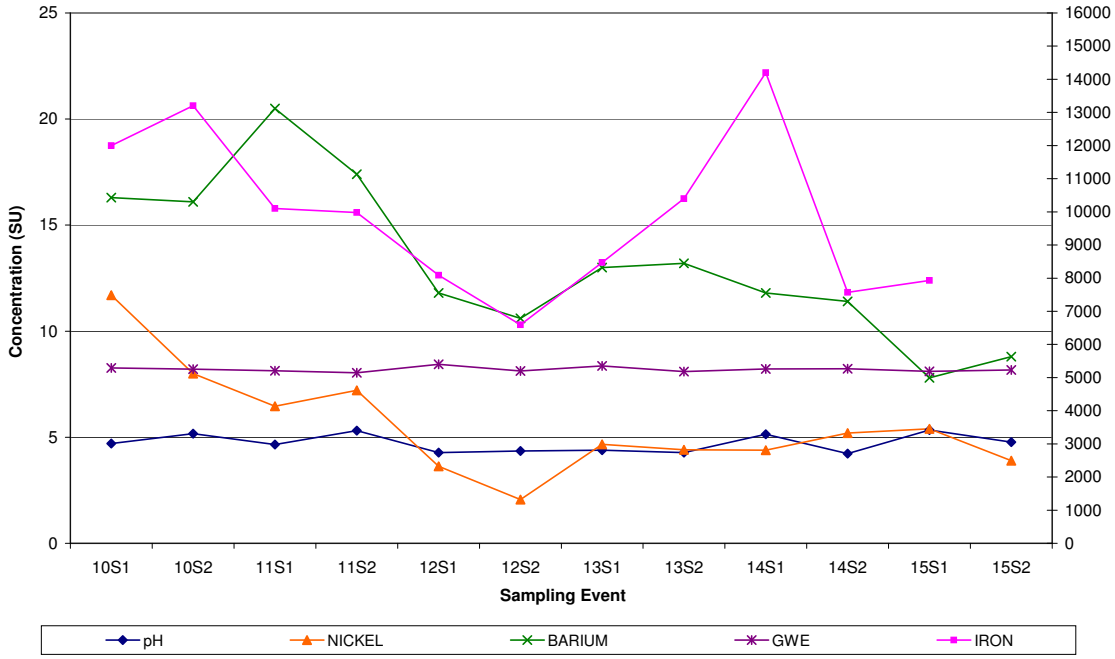
Hardee County Class I Landfill
MW-13 - Indicator Parameter Comparison Graph



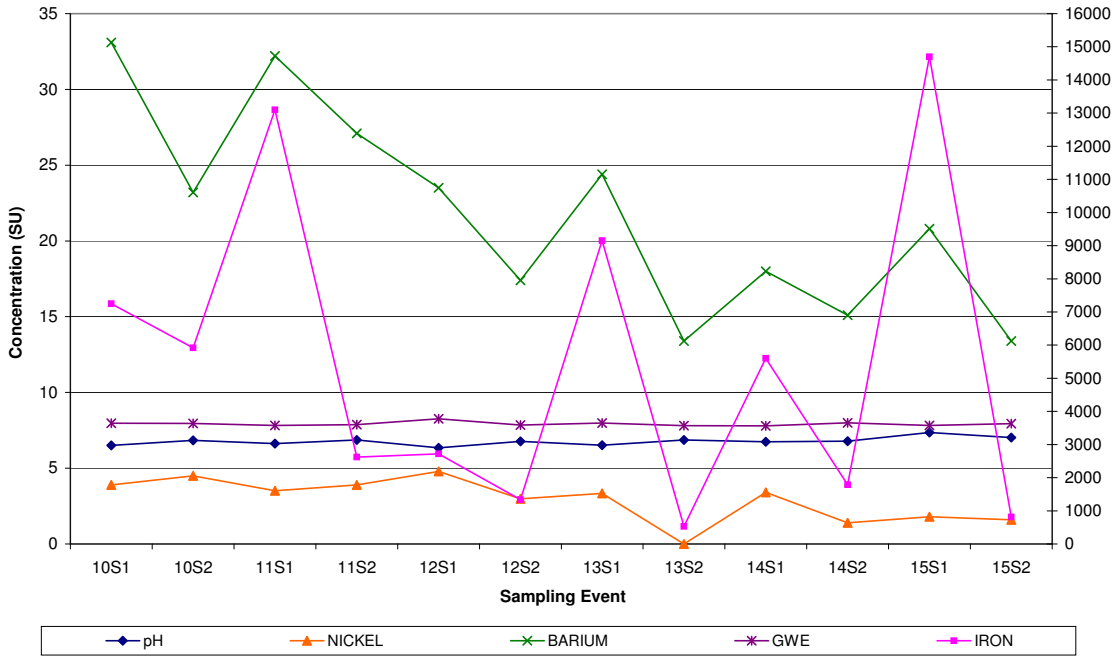
Hardee County Class I Landfill
MW-14 - Indicator Parameter Comparison Graph



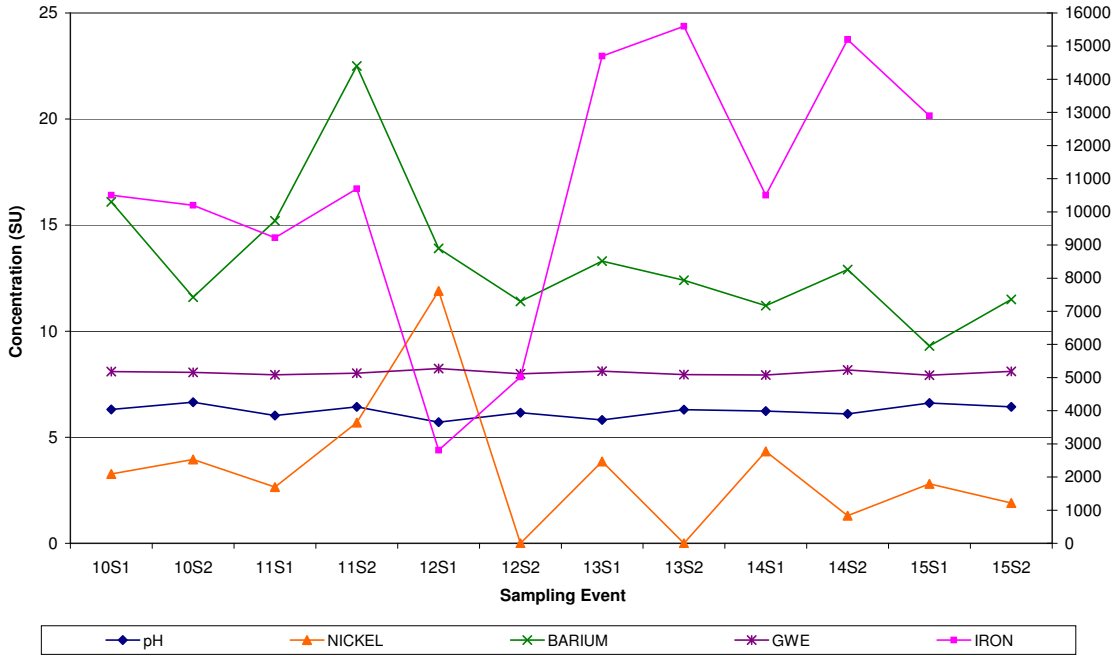
Hardee County Class I Landfill
MW-1 - Metals/pH Comparison Graph



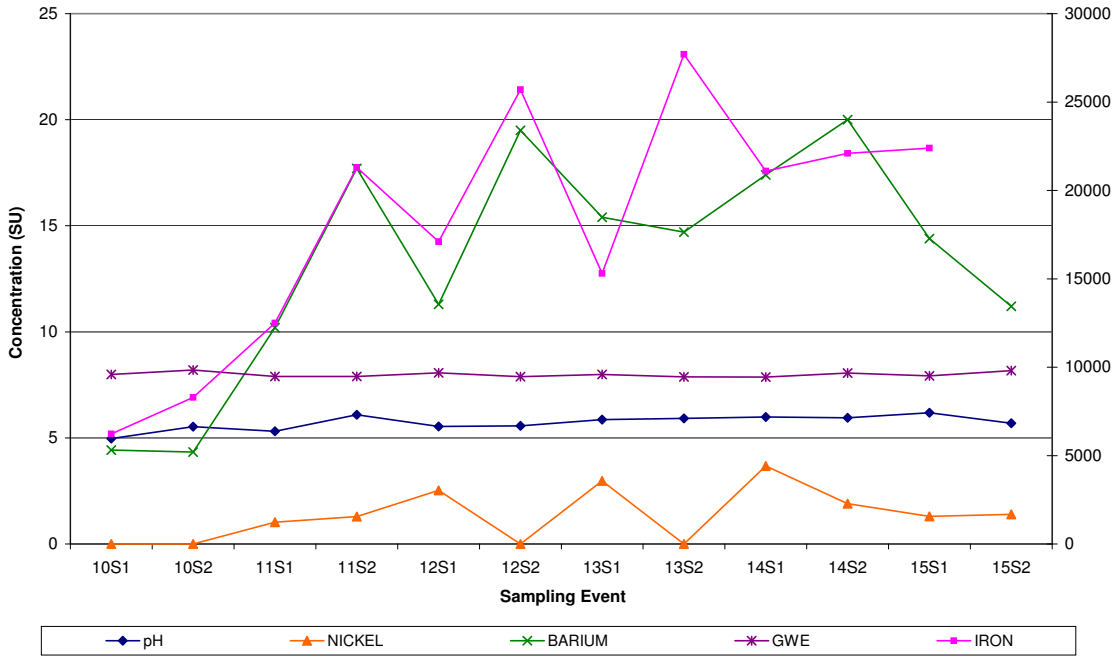
Hardee County Class I Landfill
MW-2 - Metals/pH Comparison Graph



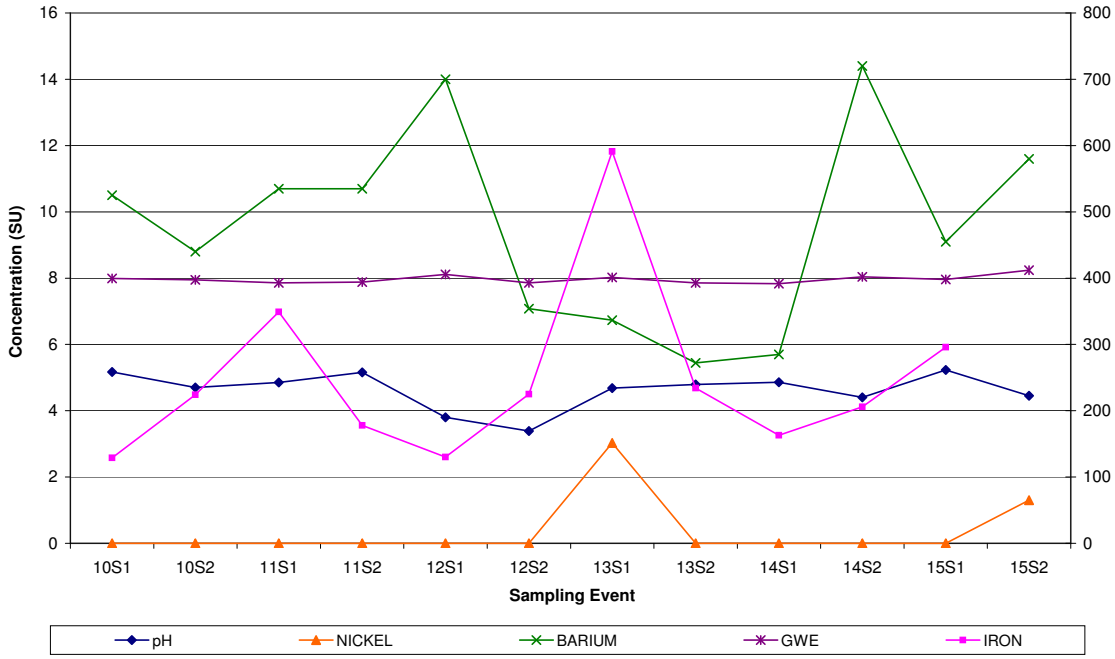
Hardee County Class I Landfill
MW-4 - Metals/pH Comparison Graph



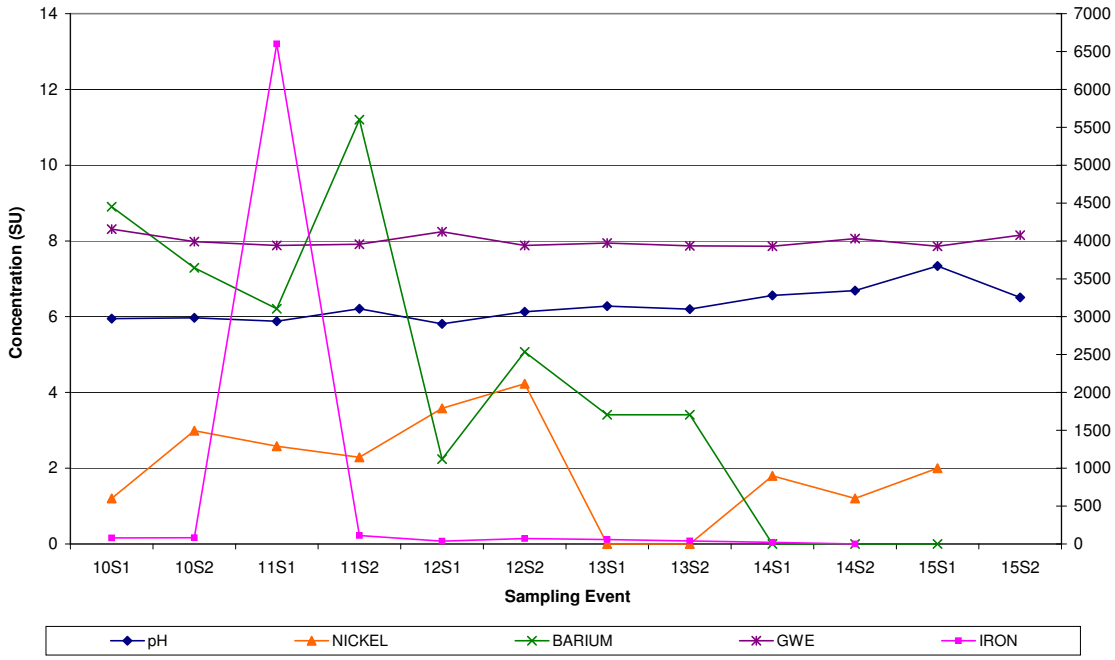
Hardee County Class I Landfill
MW-10R - Metals/pH Comparison Graph



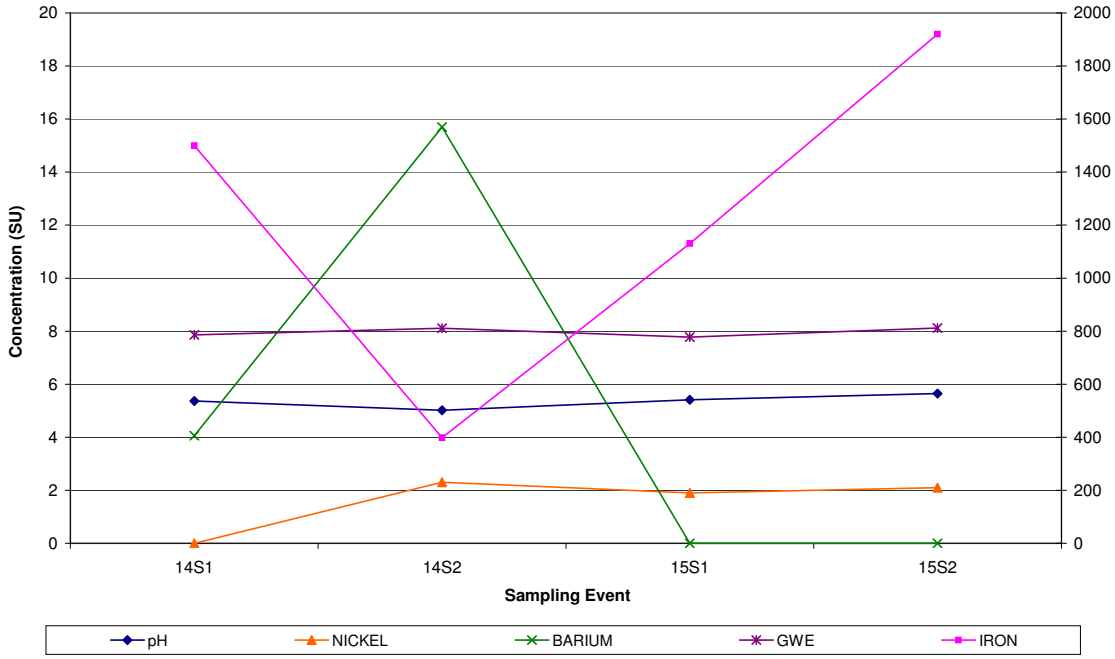
Hardee County Class I Landfill
MW-1 - Metals/pH Comparison Graph



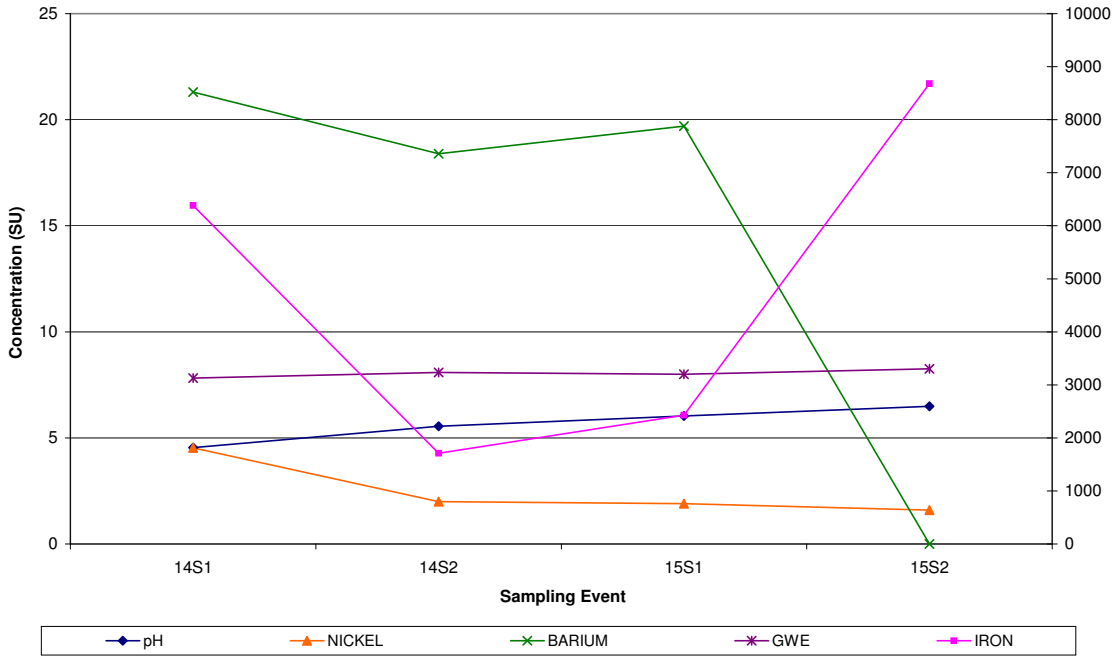
Hardee County Class I Landfill
MW-12R - Metals/pH Comparison Graph



Hardee County Class I Landfill
MW-13 - Metals/pH Comparison Graph



Hardee County Class I Landfill
MW-14 - Metals/pH Comparison Graph



ATTACHMENT 10

SUMMARY OF SURFACE WATER ANAYTICAL RESULTS

ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		CONDUC-TIVITY (FIELD)	DISSOLVED OXYGEN (FIELD)	pH (FIELD)	TEMPER-ATURE (FIELD)	TURBIDITY (FIELD)	BIOCHEMICAL OXYGEN DEMAND	CHEMICAL OXYGEN DEMAND	CHLORO-PHYLL A	FECAL COLIFORM	NITRATE NITROGEN
CLASS III (FRESH) SURFACE WATER STANDARD		<50 % increase or <1275 max	>5.0 mg/L	6.0-8.5 S.U.**	(1)	<29 NTU above natural background	NA	NA	NA	800 (daily max)	NA
GROUNDWATER STANDARD		(1)	(1)	6.5-8.5 S.U.**	(1)	(1)	(1)	(1)	(1)	1 col/100ml*	10 mg/L*
UNITS		umhos/cm	ppm	S.U.	deg C	NTU	mg/L	mg/L	µg/L	col/100ml	mg/L
Surface Water											
SW-2	6/21/2013	39.0	5.77	**6.02**	32.9	2.03	2.27	48.5	1.69 I	**>200**	<0.01
SW-2	6/12/2014	431	1.03	6.88	23.4	1.89	2.11	77.9	<1	**169**	<0.01
SW-2	12/23/2014	494	1.5	**6.23**	18.2	3.5	2.29	61.5	1.58	**12**	<0.01
SW-2	5/21/2015	563	1.6	7.53	24.0	8.5	<2	<20	6850	**31**	<0.2
SW-2	12/18/2015	470	0.9	6.55	20.5	10	2.56	272	6310	**100**	<0.01

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		TOTAL PHOS-PHORUS as P	TOTAL DISSOLVED SOLIDS	TOTAL HARDNESS	TOTAL KJELDAHL NITROGEN	TOTAL ORGANIC CARBON	TOTAL SUSPENDED SOLIDS	UN-IONIZED AMMONIA	ALUMINUM	ANTIMONY	ARSENIC
CLASS III (FRESH) SURFACE WATER STANDARD		NA	NA	NA	NA	NA	NA	0.02 mg/L	NA	4300 µg/L	50 µg/L
GROUNDWATER STANDARD		(1)	500 mg/L**	(1)	(1)	(1)	(1)	(1)	200 µg/L**	6 µg/L*	10 µg/L*
UNITS		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
Surface Water											
SW-2	6/21/2013	0.334	64	25.3	0.777	8.35	<1	<0.0001	70.5	<2	<1
SW-2	6/12/2014	0.282	414	210	1.59	21.7	1.63	0.00122	<10	<2	<1
SW-2	12/23/2014	-	344	236	1.24	20.9	2.13	0.00143	18.6 I	<2	<1
SW-2	5/21/2015	-	352	264	1.86	22.4	3	0.00344	<10	<2	<1
SW-2	12/18/2015	-	352	272	1.71	39.1	3.25	0.00075	<10	<2	<1

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MERCURY	NICKEL
CLASS III (FRESH) SURFACE WATER STANDARD		NA	0.13 µg/L	CALC (0.10 - 0.57 µg/L)	CALC (27.9 - 195.6 µg/L)	NA	CALC (2.87 - 21.94 µg/L)	1000 µg/L	CALC (0.55 - 11.37 µg/L)	0.012 µg/L	CALC (16.3 - 121.6 µg/L)
GROUNDWATER STANDARD		2000 µg/L*	4 µg/L*	5 µg/L*	100 µg/L*	140µg/L***	1000 µg/L**	300 µg/L**	15 µg/L*	2 µg/L*	100 µg/L*
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surface Water											
SW-2	6/21/2013	<2	<0.5	<1 ‡	2.26	<1	1.02 I	77	<1 ‡	0.0131	<1
SW-2	6/12/2014	11.5	<0.5	<1 ‡	<1	<1	<1	**323**	<1	<0.005	<1
SW-2	12/23/2014	10.6	<0.5	<1 ‡	<1	<1	<1	**400**	<1	<0.005	<1
SW-2	5/21/2015	11.8	<0.5	<1 ‡	<1	<1	<1	**410**	<1	<0.005	<1
SW-2	12/18/2015	8.3	<0.5	<1 ‡	<1	<1	<1	**355**	<1	<0.02	<1

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	1,1,1,2-TETRA-CHLORO-ETHANE	1,1,1-TRICHLORO-ETHANE	1,1,2,2-TETRA-CHLORO-ETHANE	1,1,2-TRICHLORO-ETHANE	1,1-DICHLORO-ETHANE
CLASS III (FRESH) SURFACE WATER STANDARD		5 µg/L	0.07 µg/L	6.3 µg/L	NA	CALC (37.3 - 279.7 µg/L)	NA	270 µg/L	10.8 µg/L	16 µg/L	NA
GROUNDWATER STANDARD		50 µg/L*	100 µg/L**	2 µg/L*	49 µg/L***	5000 µg/L**	1.3 µg/L***	200 µg/L*	0.2 µg/L***	5 µg/L*	70 µg/L***
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surface Water											
SW-2	6/21/2013	<2	0.54 I	<1	<1	<10	<0.5	<0.5	<0.1	<0.5	<0.5
SW-2	6/12/2014	<2	<0.5	<1	<1	38.9	<0.5	<0.5	<0.1	<0.5	<0.5
SW-2	12/23/2014	<2	<0.5	<1	<1	<10	<0.5	<0.5	<0.1	<0.5	<0.5
SW-2	5/21/2015	<2	<0.5	<1	<1	26	<0.5	<0.5	<0.1	<0.5	<0.5
SW-2	12/18/2015	<2	<0.5	<1	<1	<10	<0.5	<0.5	<0.1	<0.5	<0.5

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		1,1-DICHLORO-ETHENE	1,2,3-TRICHLORO-PROPANE	1,2-DIBROMO-3-CHLORO-PROPANE	1,2-DIBROMO-ETHANE (EDB)	1,2-DICHLORO-BENZENE	1,2-DICHLORO-ETHANE	1,2-DICHLORO-PROPANE	1,4-DICHLORO-BENZENE	2-HEXANONE	4-METHYL-2-PENTANONE
CLASS III (FRESH) SURFACE WATER STANDARD		3.2 µg/L	0.2 µg/L	NA	13 µg/L	99 µg/L	37 µg/L	14 µg/L	3 µg/L	NA	NA
GROUNDWATER STANDARD		7 µg/L*	0.02 µg/L***	0.2 µg/L*	0.02 µg/L*	600 µg/L*	3 µg/L*	5 µg/L*	75 µg/L*	280 µg/L***	350 µg/L**
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surface Water											
SW-2	6/21/2013	<0.5	<0.02	<0.02	<0.01	<0.5	<0.5	<0.2	<0.5	<0.5	<1
SW-2	6/12/2014	<0.5	<0.02	<0.02	<0.01	<0.5	<0.5	<0.2	<0.5	<0.5	<1
SW-2	12/23/2014	<0.5	<0.0198	<0.0198	<0.00991	<0.5	<0.5	<0.2	<0.5	<0.5	<1
SW-2	5/21/2015	<0.5	<0.02	<0.02	<0.01	<0.5	<0.5	<0.2	<0.5	<0.5	<1
SW-2	12/18/2015	<0.5	<0.02	<0.02	<0.01	<0.5	<0.5	<0.2	<0.5	<0.5	<1

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		ACETONE	ACRYLONI-TRILE	BENZENE	BROMO-CHLORO-METHANE	BROMO-DICHLORO-METHANE	BROMOFORM	BROMO-METHANE (METHYL BROMIDE)	CARBON DISULFIDE	CARBON TETRA-CHLORIDE	CHLORO-BENZENE
CLASS III (FRESH) SURFACE WATER STANDARD		1700 µg/L	0.2 µg/L	71.28 µg/L annual average	NA	22 µg/L	360 µg/L	35 µg/L	110 µg/L	4.42 µg/L	17 µg/L
GROUNDWATER STANDARD		6300 µg/L***	0.06µg/L***	1 µg/L*	91 µg/L***	0.6 µg/L***	4.4 µg/L***	9.8 µg/L***	700 µg/L***	3 µg/L*	100 µg/L*
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surface Water											
SW-2	6/21/2013	<5	<0.3	<0.5	<0.1	<0.1	<0.5	<0.5	<1	<0.5	<0.5
SW-2	6/12/2014	<5	<0.3	<0.5	<0.1	<0.1	<0.5	<0.5	<1	<0.5	<0.5
SW-2	12/23/2014	<5	<0.3	<0.5	<0.1	<0.1	<0.5	<0.5	<1	<0.5	<0.5
SW-2	5/21/2015	<5	<0.3	<0.5	<0.1	<0.1	<0.5	<0.5	<1	<0.5	<0.5
SW-2	12/18/2015	<5	<0.3	<0.5	<0.1	<0.1	<0.5	<0.5	<1	<0.5	<0.5

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		CHLORO-ETHANE	CHLOROFORM	CHLORO-METHANE (METHYL CHLORIDE)	CIS-1,2-DICHLORO-ETHENE	CIS-1,3-DICHLORO-PROPENE	DIBROMO-CHLORO-METHANE	DICHLORO-METHANE	ETHYL-BENZENE	METHYL ETHYL KETONE	METHYL-IODIDE
CLASS III (FRESH) SURFACE WATER STANDARD		NA	470.8 µg/L	470.8 µg/L	NA	12 µg/L	34 µg/L	1580 µg/L	610 µg/L	120000 µg/L	NA
GROUNDWATER STANDARD		12 µg/L***	70 µg/L***	2.7 µg/L***	70 µg/L*	0.2 µg/L***	0.4 µg/L***	5 µg/L*	30 µg/L**	4200 µg/L***	(1)
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surface Water											
SW-2	6/21/2013	<0.5	<0.5	<0.5	<0.2	<0.5	<0.4	<1	<0.5	<0.5	<1
SW-2	6/12/2014	<0.5	<0.5	<0.5	<0.2	<0.5	<0.4	<1	<0.5	<0.5	<1
SW-2	12/23/2014	<0.5	<0.5	<0.5	<0.2	<0.5	<0.4	<1	<0.5	<0.5	<1
SW-2	5/21/2015	<0.5	<0.5	<0.5	<0.2	<0.5	<0.4	<1	<0.5	<0.5	<1
SW-2	12/18/2015	<0.5	<0.5	<0.5	<0.2	<0.5	<0.4	<1	<0.5	<0.5	<1

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		STYRENE	TETRA-CHLORO-ETHENE	TOLUENE	TRANS-1,2-DICHLORO-ETHENE	TRANS-1,3-DICHLORO-PROPENE	TRICHLORO-ETHENE	TRICHLORO-FLUORO-METHANE	VINYL ACETATE	VINYL CHLORIDE	XYLENES
CLASS III (FRESH) SURFACE WATER STANDARD		460 µg/L	8.85 µg/L	480 µg/L	11000 µg/L	12 µg/L	80.7 µg/L	NA	700 µg/L	2.4 µg/L	370 µg/L
GROUNDWATER STANDARD		100 µg/L*	3 µg/L*	40 µg/L**	100 µg/L*	0.2 µg/L***	3 µg/L*	2100 µg/L***	88 µg/L***	1 µg/L*	20 µg/L**
UNITS		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surface Water											
SW-2	6/21/2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1
SW-2	6/12/2014	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<1
SW-2	12/23/2014	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<1
SW-2	5/21/2015	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<1
SW-2	12/18/2015	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<1

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ALL DATA
HARDEE COUNTY CLASS I LANDFILL
JUNE 2013 THROUGH DECEMBER 2015

PARAMETER		(E)-1,4-DICHLORO-2-BUTENE	DIBROMO-METHANE
CLASS III (FRESH) SURFACE WATER STANDARD		NA	NA
GROUNDWATER STANDARD		(1)	70 µg/L***
UNITS		µg/L	µg/L
Surface Water			
SW-2	6/21/2013	<1	<0.5
SW-2	6/12/2014	<1	<0.5
SW-2	12/23/2014	<1	<0.5
SW-2	5/21/2015	<1	<0.5
SW-2	12/18/2015	<1	<0.5

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HARDEE COUNTY CLASS I LANDFILL
GROUNDWATER TECHNICAL REPORT 2013 - 2015

CLASS III (FRESH) SURFACE WATER STANDARDS
CALCULATED METAL STANDARDS BASED ON HARDNESS

Lowest Hardness Reported If Hardness is <25 use 25, if >400 use 400.

REPORTED HARDNESS = 25.2 mg/L

Hardness Used for Calculation 25.2 mg/L

ln [H] 3.226844

Cadmium	**Lead**
[H] calc -2.3282313	[H] calc -0.5972276
STD 0.10	**STD 0.55**
Chromium	**Nickel**
[H] calc 3.3275852	[H] calc 2.78831002
STD 27.9	**STD 16.25**
Copper	**Zinc**
[H] calc 1.0553382	[H] calc 3.61810492
STD 2.87	**STD 37.3**

Highest Hardness Reported If Hardness is <25 use 25, if >400 use 400.

REPORTED HARDNESS = 272 mg/L

Hardness Used for Calculation 272 mg/L

ln [H] 5.6058021

Cadmium	**Lead**
[H] calc -0.5656612	[H] calc 2.43118603
STD 0.57	**STD 11.37**
Chromium	**Nickel**
[H] calc 5.2759519	[H] calc 4.80090855
STD 195.6	**STD 121.62**
Copper	**Zinc**
[H] calc 3.0881579	[H] calc 5.63379609
STD 21.94	**STD 279.7**