Corrective Action Evaluation Report

Dunn-Erwin Landfill
SWS Permit No. 43-02
Harnett County, North Carolina

Prepared for:

Harnett County Solid Waste Department
P.O. Box 2773
Lillington, North Carolina

September 2016

Prepared by:

SMITH+GARDNER

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Corrective Action Evaluation Report

Dunn-Erwin Landfill (SWS Permit No. 43-02)
Harnett County

Prepared For:

Harnett County Solid Waste Department
Lillington, North Carolina

S+G Project No. HARNETT-DE 13-2

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EXECUTIVE SUMMARY

The Harnett County Dunn-Erwin Landfill is located at NC State Road 1724/449 Daniel's Road, Dunn, North Carolina. The facility contains an active C&D landfill, active LCID landfill and closed unlined MSW landfill under Solid Waste Permit #43-02. According to the 1985 North Carolina Geological Map the landfill is situated in the Coastal Plain Physiographic Province. The Dunn–Erwin area in Harnett County is underlain by the Cretaceous age Middendorf formation that is primarily light gray sand, sandstone and mudstone which acts as a confining unit.

Groundwater depths historically range from 5 ft to 25 ft below ground surface (bgs) across the facility. Groundwater generally flows west toward Stewart Creek and south to an unnamed tributary of Stewart Creek.

After several years of phytoremediation and natural attenuation processes, the constituents that continue to be of concern are: 1,1-dichloroethane, benzene, methylene chloride, tetrachloroethene and vinyl chloride. Historically, 1,4-dichlorobenzene and trichloroethene were also considered constituents of concern; however, these are proposed for removal as constituents of concern due to lack of detected concentrations above their 2L standards.

The 2009 CAP written by C.T. Clayton proposed a phased remedial strategy. The first phase was phytoremediation, which has been implemented and shown to be an effective and cost efficient technology in the area near groundwater monitoring wells MW9 and MW-10. The second phase was additional phytoremediation further from the landfill and installation of an approximately 1500 foot trench for groundwater collection and treatment installed immediately downgradient of the landfill. This second phase has not been implemented.

The groundwater monitoring plan implemented in 2013 has been effective in tracking constituents of concern and monitoring the overall groundwater quality at the Dunn Erwin Facility. We propose to modify the Corrective Action to apply Monitored Natural Attenuation for impact detected in wells MW-57, GP-28W and PZ-41s. MNA parameters will be added to these wells We further propose to remove MW-9, MW-10 and GP-30 from the MNA parameter list, due to lack of VOC detections from samples at these locations

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Harnett County, North Carolina

Corrective Action Evaluation Report

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1.0 INTRODUCTION

The Harnett County Dunn-Erwin Landfill is located at NC State Road 1724/449 Daniel's Road, Dunn, North Carolina. The facility contains an active C&D landfill, active LCID landfill and closed unlined MSW landfill under Solid Waste Permit #43-02. A transfer station also operates at this location under SWS permit #43-07T. The surrounding area is generally agricultural and undeveloped land. The landfill is located approximately two miles north of the Town of Erwin. A topographic map showing the site location is included as **Figure 1**.

1.1 Site Background

The facility began operation in 1978 and the former unlined MSW landfill was closed in December 1998 and was capped in accordance with Rule 15A NCAC 13B .16927 (c)(10). Currently, C&D waste is being placed over the closed, capped MSW landfill, in accordance with SWS approval. A site map with aerial photo is included as **Figure 2**.

Harnett County retained C.T. Clayton, Sr., P.E. Inc., (C.T. Clayton) to develop their *Assessment of Corrective Measures (ACM)*[1] (Doc ID 6472) and *Corrective Action Plan (CAP)*[2] (Doc ID 8742) for the Dunn-Erwin facility.

1.2 Sampling History

Groundwater records are available as far back as 1986; however routine semi-annual monitoring began in 1997. Available well construction details are presented in **Table 1**. Historic groundwater elevations are presented in **Table 2**. In 2003 C.T. Clayton performed a study to evaluate a contamination plume in the upper aquifer located west of the active C&D over closed MSW unit. This study resulted in an additional twelve monitoring wells installed. Additionally, pump tests were performed on MW-9 and MW-10 in 2004. In 2008 additional sampling and organic compound (8260B) analysis was conducted to refine the plume boundary for the ACM.

Groundwater sample analysis for the list of Appendix I parameters has been performed semi-annually since 1997. Following corrective action implementation Appendix II analysis was conducted on select wells. In October 2013, S+G revised the water quality monitoring plan for the Dunn Erwin facility. This plan reduced the monitoring network to 20 locations and specified MNA parameter analysis from select well samples annually.

[1] Assessment of Corrective Measures for Harnett County Dunn-Erwin Landfill, prepared by C.T. Clayton, Sr. P.E., Inc., Revised August 2007, SWS approved October 25, 2007.
[2] Corrective Action Plan for Harnett County Dunn-Erwin Landfill, prepared by, C.T. Clayton, Sr, P.E., Inc., October 7, 2009.

1.3 Aquifer Characteristics

According to the 1985 North Carolina Geological Map the landfill is situated in the Coastal Plain Physiographic Province. The Dunn–Erwin area in Harnett County is underlain by the cretaceous age Middendorf formation that is primarily light gray sand, sandstone and mudstone which acts as a confining unit. The Middendorf formation was deposited in a deltaic system and varies from 15m to over 100m thick.

Groundwater depths historically range from 5 ft to 25 ft below ground surface (bgs) across the facility. Groundwater generally flows west toward Stewart Creek and south to an unnamed tributary of Stewart Creek. There are minor seasonal variations in the flow pattern, but overall flow direction is consistent. The potentiometric surface map showing the October 2015 groundwater surface is presented as **Figure 3**. Measured groundwater velocity at the site is presented in **Table 3**.

There are no public water supply wells within two miles of the landfill. Harnett County supplies water to the surrounding area from the main water line originating in Lillington, NC. No surface water intakes are located within two miles of the Dunn-Erwin landfill Facility.

1.4 Contamination Distribution

The constituents of concern identified in the CAP were

- benzene,
- 1,1-dichloroethane,
- 1,4-dichlorobenzene,
- methylene chloride,
- tetrachloroethene,
- trichloroethene,
- vinyl chloride
- inorganic compounds lead and mercury.

After several years of phytoremediation and natural attenuation processes, the constituents that continue to be of concern are: 1,1-dichloroethane, benzene, methylene chloride, tetrachloroethene and vinyl chloride. 1,4-dichlorobenzene and trichloroethene are have not recently been detected at concentrations above their standards set forth in 15A NCAC 2L.0100 et seq. (2L Standards). Historic VOC concentrations are presented in **Table 4**.

Volatile organic compound (VOC) detections are limited to the area west (downgradient) of the active C&D over closed MSW landfill. Reviewing groundwater quality data since 2013, MW-2 (the background/comparison well), MW-9, MW-10, MW-33, MW-56 and PZ-41S have no VOC detections indicating natural attenuation and phytoremediation processes have been successful at these locations. In general, recent detections are primarily in samples from wells MW-53, MW-57 and GP-28. Please note the property line is 1300 feet downgradient at its closest point to MW-9 and MW-10 and is 500 feet from monitoring well GP-28.. Wetlands, which naturally polish groundwater, are located

between GP-28 and the property line. Detections over 2L standards from the October 2015 sampling event are shown on **Figure 4**.

Inorganic metal analysis for mercury was only reported above the 2L in one sample from MW-9 during the October 2014 sampling event. Lead concentrations have been historically reported above the 2L groundwater standards in wells around the site; however, exceedances of 2L standards have not been consistently detected in certain wells. The haphazard nature of lead exceedances is likely related to naturally occurring lead concentrations in the soils at the site, and tubidity in the samples which can bias inorganic results high. Lead concentrations measured at the site are consistent with on-site soils and National Uranium Resource Evaluation NURE database of geochemical stream and sediment data. Historic inorganic constituents are presented in **Table 5.** Available well records are provided in **Appendix A**.

1.5 Regulatory Status

Harnett County operates a C&D landfill over a closed, unlined MSW landfill at the Dunn-Erwin Facility (SWS Permit No. 43-02). Dunn-Erwin has been operating under a CAP since 2009. In 2013 Smith Gardner, Inc. (S+G) requested and was approved[3] two years to further evaluate groundwater trends at the facility and determine what next steps may be necessary for groundwater corrective action.

[3] Letter to Elizabeth Werner from Joan A. Smyth, "Revised Request for Corrective Action Evaluation", November 8, 2013. DIN 20089. Approval letter DIN 20154.

2.0 CORRECTIVE ACTION SUMMARY

Phytoremediation was implemented downgradient of the unlined MSW landfill in 2010 as part of the approved 2009 CAP strategy presented by C.T. Clayton. Currently, trees range from 3 to 5 feet in height, with trunks about two inches thick. Monitoring wells MW-9 and MW-10, located at approximately the 250 foot compliance boundary, are positioned within the phytoremediation zone have remained free from VOC detections over the past two years. Additionally, well GP-30W (positioned downgradient from MW-9, MW-10 and the phytoremediation area has remained free from VOC detections.

2.1 Aquifer Conditions

The groundwater contamination source appears to be the former unlined MSW landfill unit under the active C&D landfill. The downgradient contamination mechanism is likely due to precipitation that has percolated through the landfill waste, allowing VOCs to partition from solid/liquid phases into a dissolved phase, and subsequently migrated downwards to mix with groundwater. The 2009 CAP identified benzene, 1,1-dichloroethane, 1,4-dichlorobenzene, methylene chloride, tetrachloroethene, trichloroethene, vinyl chloride and the inorganic compounds mercury and lead as constituents of concern. VOC detections have been reported in samples collected from well locations past the 250 foot compliance boundary.

2.1.1 Physical Changes

Harnett County has continued with C&D landfill operation above the unlined MSW. Several hundred trees were planted in the spring of 2010 covering approximately 2.5 acres, as part of the Corrective Action remedial strategy.

2.1.2 Chemical Changes

Of the chemical constituents of concern listed above, 1,4-dichlorobenzene, and trichlorethene, have not been detected during the past two years.

Samples from well locations inside and downgradient of the phytoremediation area have reduced VOC detections from above 2L to primarily non-detect and non-quantifiable concentrations. Well locations MW-53 and MW-57 are located at approximately the 250 foot compliance boundary. GP-28 is located approximately 485 feet downgradient from the edge of waste and is located approximately 500 feet from the property line.

2.2 Plume Characteristics

2.2.1 Physical Changes

Reported detections remain inside the property boundary. GP-28 is located over one thousand feet from the closest property boundary. No detections in surface water features around the facility indicate local drainage features remain free from impact.

Constituents of concern are primarily reported in samples from MW-53, MW-57 and GP-28. Concentrations remain primarily stable or are slightly decreasing. This plume area has decreased since the 2009 CAP.

2.2.2 Chemical Changes

Biochlor is an EPA screening tool, designed to simulate natural attenuation of chlorinated solvents. Biochlor models were created for the plume area outside of the phytoremediation zone (MW-53 and GP-28). Other wells were not analyzed with Biochlor due to decreased concentrations of constituents of concern.

The Biochlor models were run using the maximum and minimum biotransformation to determine the potential degradation range. Biochlor results are presented in **Appendix B**. These results indicate biotransformation is occurring at the site.

3.0 CORRECTIVE ACTION PLAN UPDATES

The 2009 CAP proposed a phased remedial strategy. The first phase was phytoremediation, which has been implemented and shown to be an effective and cost efficient technology in the MW9 and MW-10 area. The proposed second phase of the CAP included additional phytoremediation further downgradient of the landfill and installation of an approximately 1500 foot trench located at the toe of the landfill for groundwater collection and treatment. The proposed second phase has not been implemented.

A number of factors were reviewed to evaluate the site's corrective action, including:.

- Groundwater contamination exists at relatively low concentrations (ppb range).
- Based on Biochlor modeling, natural attenuation is already occurring at the site.
- Phytoremediation has been effective in the removal of VOCs from groundwater in the vicinity of MW-9 and MW-10.

Remediation of relatively low-level contamination in the 100ppb or less range can be difficult, expensive and may not be achievable by conventional methods. A multi-phase approach provides the best opportunities for success.

3.1 Modifications to Selected Remedy

Due to the success of phytoremediation in the downgradient area surrounding wells MW-9 and MW-10, maintenance on the existing phytoremediation area will continue. This will include mowing between tree rows and observations of tree leaves and overall tree health. The data collected during the past two years suggests options other than the second phase strategies originally proposed in the 2009 CAP should be considered. These are discussed in more detail below.

VOCs have been detected in the unconfined aquifer monitored by MW-57, MW-53, PZ-41S, and GP-28 at concentrations that exceed 2L or Groundwater Protection Standards. These wells are located downgradient of the closed MSW landfill and GP-28W is downgradient of the phytoremediation area. Although the phytoremediation area appears to be having a positive effect on groundwater quality, the leading edge of the plume may be beyond its influence. Due to the significant distance to the property line (>500 feet) we believe natural attenuation is the most appropriate remedial strategy for impacted groundwater in this area. There are significant wetlands between the impacted wells and the property line. Wetland plants and soils have been used for cleaning impacted water (including leachate) at a variety of facilities. Due to the location of these wetlands, we believe natural attenuation will be effective in treating impacted water in this area. Modifications to the monitoring network and parameters are discussed below.

3.2 Modifications to Monitoring Parameters and Schedule

We propose to add existing monitoring well PZ-47s to the monitoring network as a "Sentinel Well". This well is located downgradient of GP-28W and MW-57 and will monitor closer to the property line in this area. Currently groundwater samples from MNA monitoring wells (MW-2, MW-9, MW-10, GP-30W and MW-53) are analyzed semi-annually for Appendix I VOCs and metals plus mercury, with annual analysis for alkalinity, sulfide, TOC, dissolved methane, iron, chloride, nitrate, dissolved oxygen (DO) and oxygen reduction potential (ORP).

We propose to remove MW-9, MW-10 and GP-30W from the MNA parameter list and replace them with MW-57 and PZ-47s. There will be no other changes to the groundwater monitoring program at this time. The proposed monitoring network and analysis is summarized below.

Dunn Erwin Monitoring Network

Sample Point	Location	Analytical Parameters
MW-1	Crossgradient	Appendix I +Field
MW-2	Upgradient	Appendix I + MNA +Field
MW-4	Crossgradient	Appendix 1 + Field
MW-9	Downgradient	Appendix I + Field
MW-10	Downgradient	Appendix I + Field
MW-53	Downgradient	Appendix I + MNA + Field
MW-56	Downgradient	Appendix I + Field
MW-57	Downgradient	Appendix I +MNA +Field
PZ-47s*	Downgradient	Appendix I +MNA +Field
PZ-41S	Downgradient	Appendix I + Field
GP-28W	Downgradient	Appendix I + MNA + Field
GP-30W	Downgradient	Appendix I + Field
MW-16	Old Landfill -	Appendix I +Field
MW-32	Old Landfill -	Appendix I +Field
MW-33	Old Landfill -	Appendix I +Field
MW-34	Old Landfill -	Appendix I +Field
MW-35	Old Landfill -	Appendix I +Field
SW-1	Downstream	Appendix I +Field
SW-2	Downstream	Appendix I +Field
SW-3	Downstream	Appendix I +Field
SW-4	Downstream	Appendix I +Field

*Existing PZ-47s will be added to the monitoring network as a "Sentinel Well"

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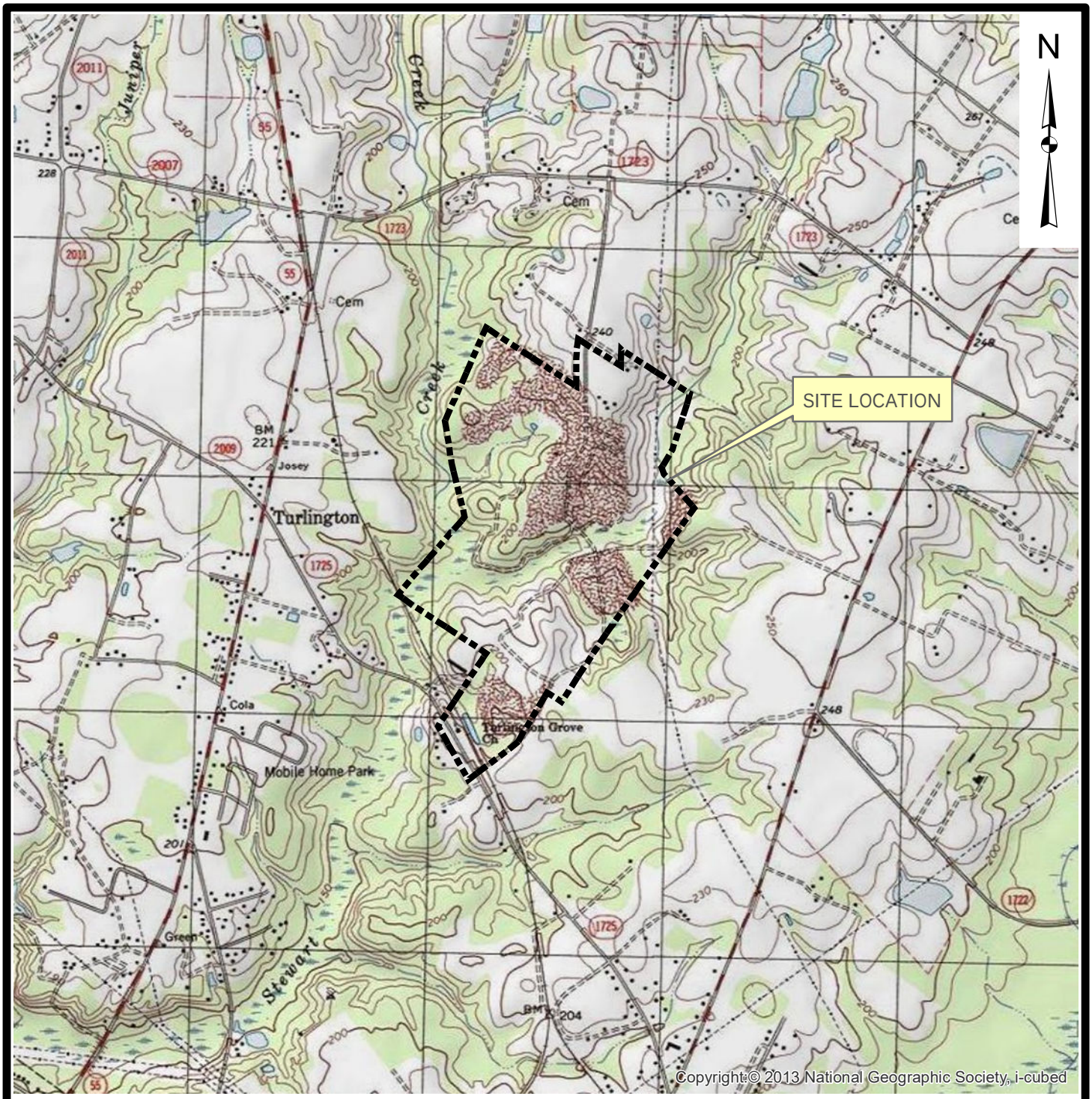
Figures

Corrective Action Evaluation Report
Harnett County Dunn Erwin Landfill
Harnett County, North Carolina



0 1,000 2,000 3,000 4,000 Feet

REFERENCE: TOPOGRAPHY FROM U.S.G.S. 7.5 MINUTE QUADRANGLE "ERWIN, NC", DATED 1997.

TOPOGRAPHIC MAP

NC LIC. NO. C-0828 (ENGINEERING)

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DRAWN:	APPROVED:	SCALE:	DATE:	PROJECT NO.:	FIGURE NO.:
C.T.J.	M.M.G.	AS SHOWN	Feb. 2016	HARNETT-DE 13-5	1

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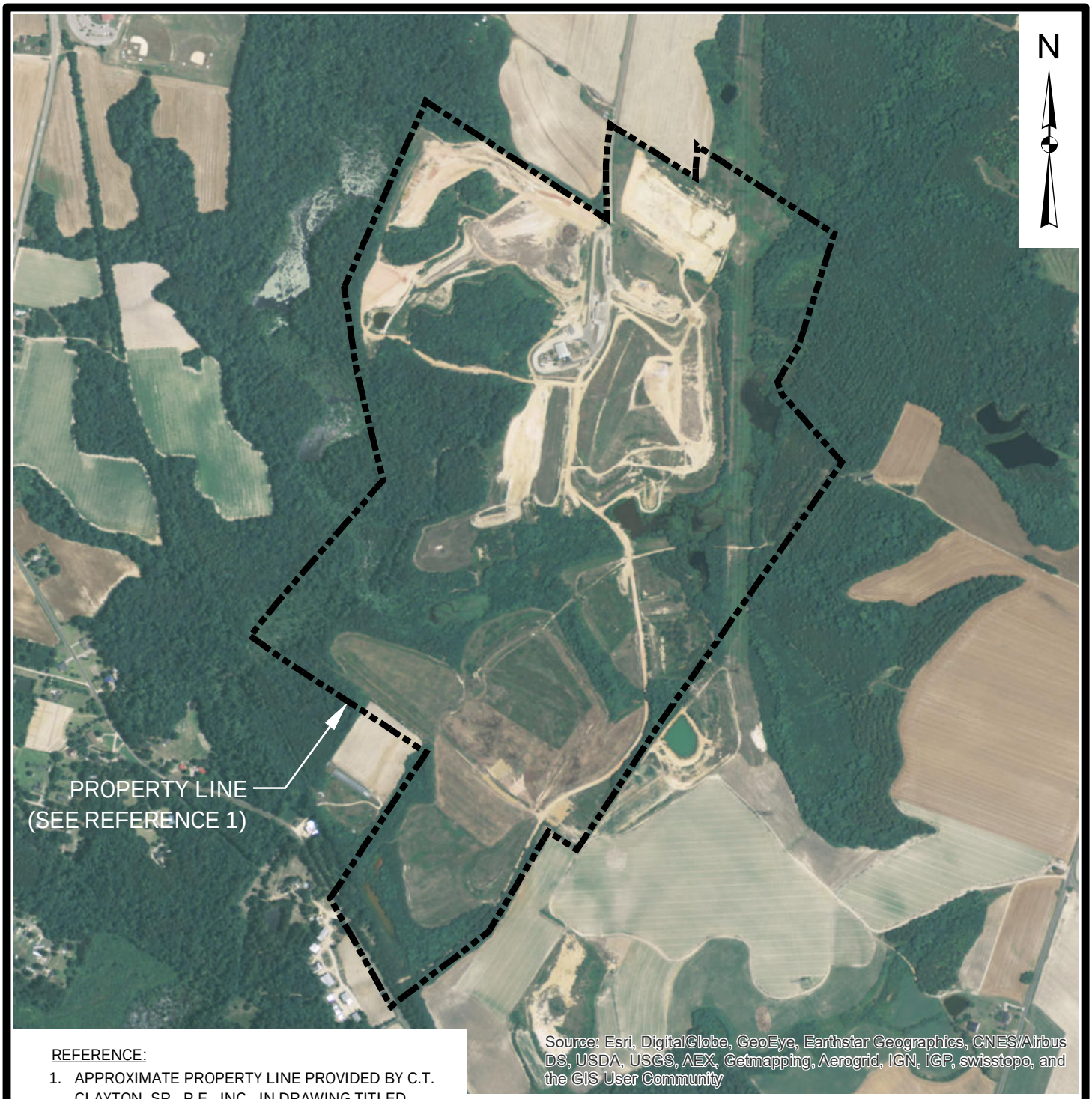

REFERENCE:

1. APPROXIMATE PROPERTY LINE PROVIDED BY C.T. CLAYTON, SR., P.E., INC., IN DRAWING TITLED "03023MAS", DATED 7/25/13.

0 500 1,000 1,500 2,000 Feet

SITE MAP

NC LIC. NO. C-0828 (ENGINEERING)

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DRAWN:	APPROVED:	SCALE:	DATE:	PROJECT NO.:	FIGURE NO.:
C.T.J.	M.M.G.	AS SHOWN	Feb. 2016	HARNETT-DE 13-5	2

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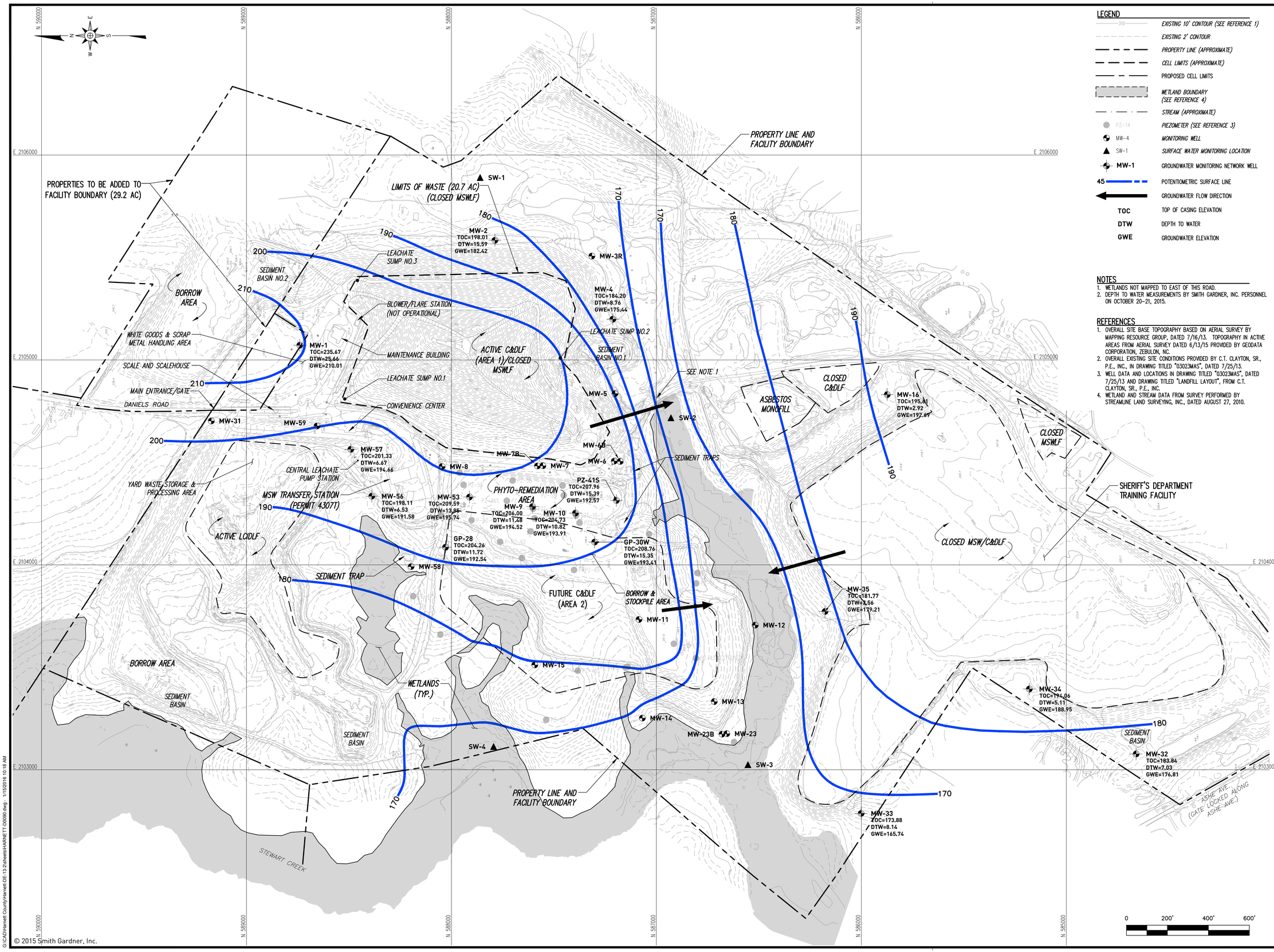

LEGEND

310	EXISTING 10' CONTOUR (SEE REFERENCE 1)
	EXISTING 2' CONTOUR
	PROPERTY LINE (APPROXIMATE)
	CELL LIMITS (APPROXIMATE)
	PROPOSED CELL LIMITS
	WETLAND BOUNDARY (SEE REFERENCE 4)
	STREAM (APPROXIMATE)
PZ-14	PIEZOMETER (SEE REFERENCE 3)
MW-4	MONITORING WELL
SW-1	SURFACE WATER MONITORING LOCATION
MW-1	GROUNDWATER MONITORING NETWORK WELL
45	POTENTIOMETRIC SURFACE LINE
	GROUNDWATER FLOW DIRECTION
TOC	TOP OF CASING ELEVATION
DTW	DEPTH TO WATER
GWE	GROUNDWATER ELEVATION

NOTES

1. WETLANDS NOT MAPPED TO EAST OF THIS ROAD.
2. DEPTH TO WATER MEASUREMENTS BY SMITH GARDNER, INC. PERSONNEL ON OCTOBER 20–21, 2015.

REFERENCES

1. OVERALL SITE BASE TOPOGRAPHY BASED ON AERIAL SURVEY BY MAPPING RESOURCE GROUP, DATED 7/16/13. TOPOGRAPHY IN ACTIVE AREAS FROM AERIAL SURVEY DATED 6/13/15 PROVIDED BY GEODATA CORPORATION, ZEBULON, NC.
2. OVERALL EXISTING SITE CONDITIONS PROVIDED BY C.T. CLAYTON, SR., P.E., INC., IN DRAWING TITLED "03023.MAS", DATED 7/25/13.
3. WELL DATA AND LOCATIONS IN DRAWING TITLED "03023.MAS", DATED 7/25/13 AND DRAWING TITLED "LANDFILL LAYOUT", FROM C.T. CLAYTON, SR., P.E., INC.
4. WETLAND AND STREAM DATA FROM SURVEY PERFORMED BY STREAMLINE LAND SURVEYING, INC., DATED AUGUST 27, 2010.

PREPARED FOR:

HARNETT COUNTY
SOLID WASTE DEPARTMENT
LILLINGTON
NORTH CAROLINA

PREPARED BY:

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PROJECT TITLE:

DUNN-ERWIN LANDFILL
GROUNDWATER MONITORING

DRAWING TITLE:

POTENTIOMETRIC
GROUNDWATER
SURFACE MAP
OCTOBER 2015

DESIGNED: M.M.G.	PROJECT NO: HARNETT-DE 13-2
DRAWN: C.T.J.	SCALE: AS SHOWN
APPROVED:	DATE: DEC. 2015
FILENAME: HARNETT-D0090	
SHEET NUMBER:	DRAWING NUMBER: FIG.3

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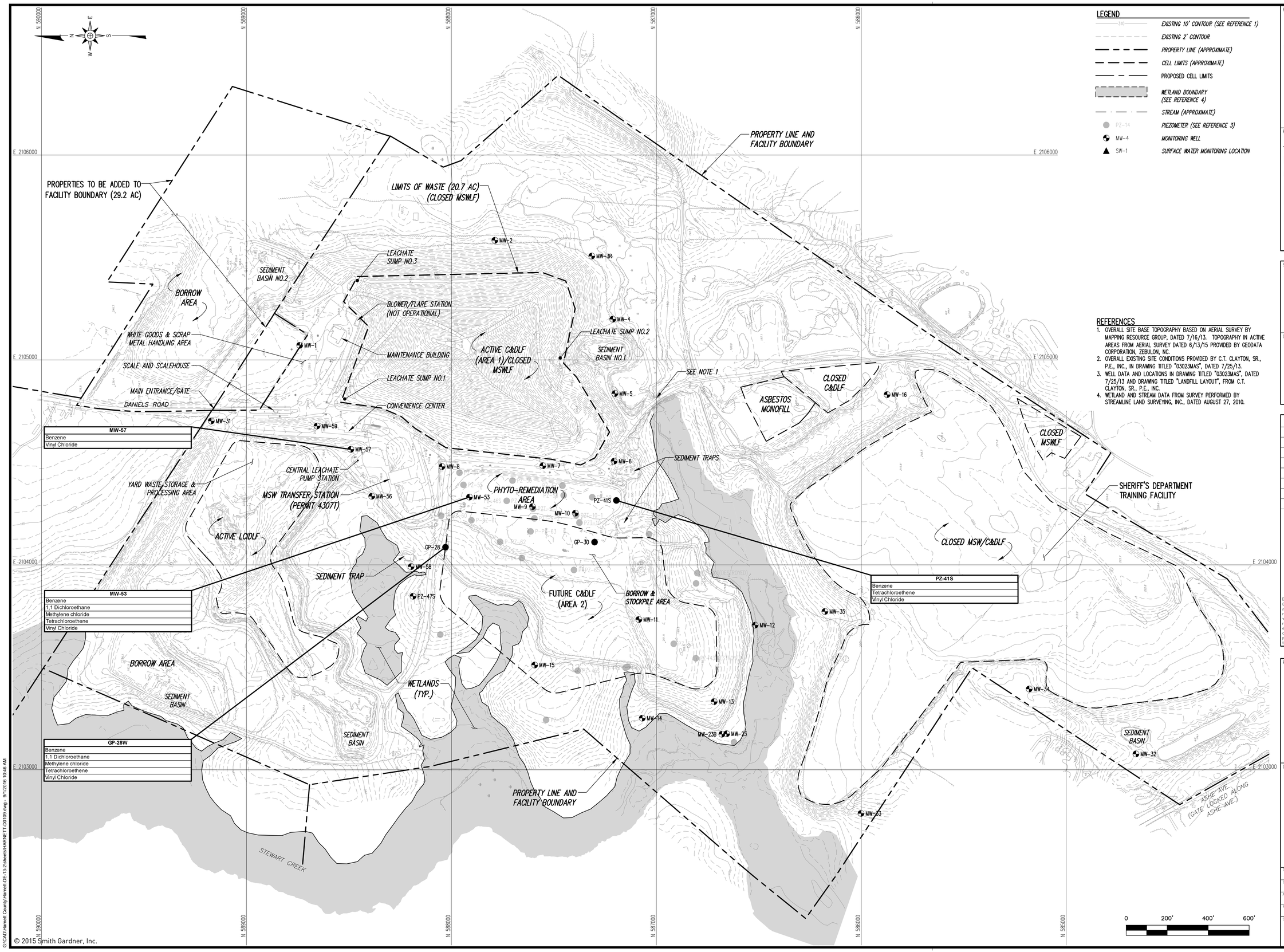

MW-57
Benzene
Vinyl Chloride

MW-53
Benzene
1,1 Dichloroethane
Methylene chloride
Tetrachloroethene
Vinyl Chloride

GP-28W
Benzene
1,1 Dichloroethane
Methylene chloride
Tetrachloroethene
Vinyl Chloride

PZ-41S
Benzene
Tetrachloroethene
Vinyl Chloride

LEGEND

- 310 — EXISTING 10' CONTOUR (SEE REFERENCE 1)
- EXISTING 2' CONTOUR
- PROPERTY LINE (APPROXIMATE)
- CELL LIMITS (APPROXIMATE)
- PROPOSED CELL LIMITS
- WETLAND BOUNDARY (SEE REFERENCE 4)
- STREAM (APPROXIMATE)
- PZ-14 — PIEZOMETER (SEE REFERENCE 3)
- MW-4 — MONITORING WELL
- SW-1 — SURFACE WATER MONITORING LOCATION

REFERENCES

1. OVERALL SITE BASE TOPOGRAPHY BASED ON AERIAL SURVEY BY MAPPING RESOURCE GROUP, DATED 7/16/13. TOPOGRAPHY IN ACTIVE AREAS FROM AERIAL SURVEY DATED 6/13/15 PROVIDED BY GEODATA CORPORATION, ZEBULON, NC.
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PROJECT TITLE:

DUNN-ERWIN LANDFILL
CORRECTIVE ACTION
EVALUATION REPORT

DRAWING TITLE:

SPRING 2014 THROUGH
SPRING 2016 ORGANIC
CONSTITUENT DETECTIONS
ABOVE THE 2L STANDARD

DESIGNED: J.A.S.	PROJECT NO: HARNETT-DE 13-2
DRAWN: C.T.J.	SCALE: AS SHOWN
APPROVED:	DATE: AUG. 2016
FILENAME: HARNETT-D0109	
SHEET NUMBER:	DRAWING NUMBER: FIG.4

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Tables

Corrective Action Evaluation Report
Harnett County Dunn Erwin Landfill
Harnett County, North Carolina

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SMITH+GARDNER

By: MG
Date: 1/15/16

Table 1

Well Construction Details

Harnett County - Dunn Erwin Landfill

Monitoring Location	Well Installation Date	Latitude	Longitude	Well Diameter (inches)	Total Well Depth (ft. bgs)	Ground Surface Elevation (ft. amsl)	TOC Elevation (ft. amsl)	Screen Interval (ft. bgs)	Screen Geology
MW-1	NA	35.36716	78.64757	2	66*	211.47	235.67	NA	NA
MW-2	9/23/1994	35.36453	78.64586	2	30	183.91	198.01	15-30	silty clay
MW-4	9/23/1994	35.36296	78.64716	2	20	177.73	184.20	9-19	mottled clay
MW-9	NA	35.36404	78.65022	2	14.05*	195.45	206.00	NA	NA
MW-10	3/8/2001	35.36347	78.65033	2	23	194.78	204.73	8-23	NA
MW-16	NA	35.35928	78.64841	2	24.6*	192.88	195.61	NA	NA
MW-32	NA	35.35596	78.65430	2	43*	178.64	183.84	NA	NA
MW-33	NA	35.35965	78.65526	2	24*	168.88	173.88	NA	NA
MW-34	NA	35.35739	78.65324	2	19*	192.06	194.06	NA	NA
MW-35	NA	35.36013	78.65195	2	38*	181.37	181.77	NA	NA
MW-53	6/30/2010	35.36489	78.65006	2	15	197.79	209.59	5-15	sand/clay with sand
MW-56	6/29/2010	35.36620	78.65004	2	16	193.81	198.11	4-14	clayey sand
MW-57	6/29/2010	35.36648	78.64927	2	14	196.23	201.33	4-14	silty sand with clay
PZ-41	NA	35.36292	78.65012	NA	18.5	192.81	207.96	13.5-18.5	NA
GP-28	NA	35.36521	78.65088	NA	15.5*	197.06	204.26	NA	NA
GP-30W	10/17/2002	35.36321	78.65080	1	20	194.19	208.76	6-16	silty sand

NOTE:

1.) Top of Casing Elevations from the Groundwater Monitoring report April 2013, prepared by C.T. Clayton, Sr., P.E. Inc., 4/20/2013
2.) * Well Depth measured in field October 2014
3.) Groundsurface elevation interpreted from from topography in CAD
4.) NA = Not Available

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Table 2
Historic Groundwater Elevations
Harnett County Dunn Erwin Landfill

	9/1/1986	3/19/1991	3/26/1991	4/12/1991	6/27/1991	10/23/1994	11/16/1994	1/10/1995	3/17/1995	3/28/1995	4/27/1995	6/3/1995
MW-1	-	-	-	-	-	210.37	211.17	211.97	212.07	210.77	210.67	210.67
MW-2	-	-	-	-	-	182.00	182.21	182.09	183.67	182.85	181.89	182.01
MW-4	-	-	-	-	-	173.72	174.12	173.02	175.22	173.82	173.89	175.02
MW-9	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	188.20	-	-	-	-	192.81	191.91	190.47	189.81	190.61	190.61	191.11
MW-32	175.60	-	-	-	-	174.34	175.64	175.24	176.71	174.34	174.67	-
MW-33	164.20	-	-	-	-	163.88	163.98	164.65	167.53	-	-	-
MW-34	-	-	-	-	-	-	-	-	-	-	-	-
MW-35	-	-	-	-	-	-	-	-	-	-	-	-
MW-53	-	-	-	-	-	-	-	-	-	-	-	-
MW-56	-	-	-	-	-	-	-	-	-	-	-	-
MW-57	-	-	-	-	-	-	-	-	-	-	-	-
PZ-41	-	192.83	192.85	192.89	192.21	-	-	-	-	194.33	193.48	-
GP-28	-	-	-	-	-	-	-	-	-	-	-	-
GP-30W	-	-	-	-	-	-	-	-	-	-	-	-

	7/7/1995	8/21/1995	9/13/1995	9/20/1995	10/18/1995	2/9/1996	4/3/1996	10/7/1996	4/15/1997	9/29/1997	10/7/1998	3/23/19999
MW-1	215.67	209.92	211.07	209.87	211.37	213.25	212.10	211.10	210.12	210.42	210.56	212.21
MW-2	184.01	181.81	181.82	181.91	181.51	183.89	183.07	182.52	182.01	183.71	182.36	183.91
MW-4	174.72	173.72	173.70	173.82	173.92	174.81	174.61	174.67	172.91	175.04	174.09	175.47
MW-9	-	-	-	-	-	-	-	-	-	-	-	-
MW-10	-	-	-	-	-	-	-	-	-	-	-	-
MW-16	191.31	193.01	193.26	183.51	191.61	-	189.96	193.29	190.70	192.79	192.96	190.01
MW-32	176.34	-	175.79	-	176.14	-	176.09	176.46	175.48	176.15	176.09	175.25
MW-33	-	-	163.96	163.88	163.68	-	165.63	166.04	164.74	165.62	163.95	165.71
MW-34	-	-	-	-	-	-	-	190.88	188.76	190.93	190.90	189.20
MW-35	-	-	-	-	-	-	-	178.59	176.78	176.71	176.12	176.40
MW-53	-	-	-	-	-	-	-	-	-	-	-	-
MW-56	-	-	-	-	-	-	-	-	-	-	-	-
MW-57	-	-	-	-	-	-	-	-	-	-	-	-
PZ-41	194.16	192.68	-	192.18	194.28	-	-	-	-	-	191.13	192.22
GP-28	-	-	-	-	-	-	-	-	-	-	-	-
GP-30W	-	-	-	-	-	-	-	-	-	-	-	-

*Astrics indicate outlier elevations not included in elevation comparisons

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Table 2
Historic Groundwater Elevations
Harnett County Dunn Erwin Landfill

	10/13/1999	4/20/2000	10/11/2000	4/19/2001	10/15/2001	4/3/2002	10/15/2002	4/30/2003	10/29/2003	4/21/2004	10/28/2004
MW-1	210.50	211.70	210.43	210.41	210.92	211.41	210.83	211.57	211.22	210.99	211.53
MW-2	184.02	183.67	183.69	183.49	183.34	183.62	183.46	183.01	183.25	182.82	183.14
MW-4	175.78	174.67	174.66	174.54	174.73	175.19	175.57	175.68	175.78	176.98	176.58
MW-9	-	-	-	192.81	193.60	193.21	192.23	195.59	193.78	194.01	194.12
MW-10	-	-	-	193.16	193.28	192.98	192.04	195.54	192.90	193.53	193.65
MW-16	192.91	190.49	188.19	186.60	188.28	186.74	188.05	187.78	188.61	187.06	189.07
MW-32	176.75	175.63	181.10	178.28	181.16	178.21	181.12	178.80	181.02	178.31	181.06
MW-33	167.33	165.59	165.59	165.63	164.43	165.20	164.68	166.21	164.08	164.53	164.45
MW-34	191.34	189.21	191.09	189.03	191.01	189.38	191.41	189.38	190.85	188.92	190.89
MW-35	176.63	175.93	176.46	175.85	176.18	176.25	176.39	176.14	175.97	176.02	175.46
MW-53	-	-	-	-	-	-	-	-	-	-	-
MW-56	-	-	-	-	-	-	-	-	-	-	-
MW-57	-	-	-	-	-	-	-	-	-	-	-
PZ-41	193.93	192.76	192.58	-	-	-	-	194.23	191.58	192.27	192.35
GP-28	-	-	-	-	-	190.79	-	-	192.29	192.65	192.58
GP-30W	-	-	-	-	-	191.61	-	192.21	192.19	192.84	192.95

	4/26/2005	10/18/2005	4/19/2006	10/23/2006	5/2/2007	10/24/2007	4/23/2008	10/16/2008	4/22/2009	10/22/2009	4/20/2010
MW-1	211.42	208.53	209.70	209.41	209.64	208.61	209.79	209.76	210.34	209.74	210.58
MW-2	183.52	181.59	182.07	181.99	182.33	179.47	183.19	182.31	182.59	181.62	183.08
MW-4	174.35	174.45	174.33	174.88	174.39	171.22	174.97	176.16	177.07	177.11	174.80
MW-9	194.09	192.51	192.89	192.73	194.02	192.21	193.01	193.09	194.71	193.16	207.84*
MW-10	194.06	191.95	192.66	191.46	193.70	191.86	194.30	193.08	194.81	192.75	203.75*
MW-16	187.37	186.87	186.75	188.36	187.21	187.62	188.23	188.67	187.28	188.71	187.31
MW-32	180.40	180.81	178.01	180.64	178.74	180.63	178.68	180.94	178.53	180.86	178.38
MW-33	165.65	163.33	164.44	163.92	164.98	162.86	167.04	164.55	165.58	163.95	165.69
MW-34	189.14	190.85	189.13	190.96	189.29	190.97	189.81	191.55	189.54	191.25	189.35
MW-35	175.93	175.46	175.75	175.66	175.49	172.37	175.78	176.08	176.12	175.99	176.04
MW-53	-	-	-	-	-	-	-	-	-	-	-
MW-56	-	-	-	-	-	-	-	-	-	-	-
MW-57	-	-	-	-	-	-	-	-	-	-	-
PZ-41	193.22	190.71	191.80	191.58	192.58	190.37	194.38	192.46	193.81	191.59	193.24
GP-28	192.97	190.85	191.76	191.23	192.63	190.17	193.00	191.63	193.26	191.66	193.10
GP-30W	193.76	190.98	192.16	191.92	193.24	190.84	194.76	192.79	194.50	192.10	193.96

*Astrics indicate outlier elevations not included in elevation comparisons

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Table 2
Historic Groundwater Elevations
Harnett County Dunn Erwin Landfill

	10/20/2010	4/20/2011	10/27/2011	4/12/2012	10/30/2012	4/25/2013	12/3/2013	5/19/2014	10/22/2014	3/23/2015	10/20/2015
MW-1	209.83	210.06	209.64	210.15	210.42	210.11	211.17	210.27	211.47	211.58	210.01
MW-2	182.84	183.56	180.69	183.40	182.43	183.38	182.97	183.78	183.91	183.14	182.42
MW-4	-	177.22	177.16	174.61	176.15	176.06	175.30	176.40	177.73	175.26	175.44
MW-9	-	-	-	-	-	-	207.33*	198.27	195.45	197.70	194.52
MW-10	202.6*	202.89*	-	-	-	-	203*	196.73	194.78	196.89	193.91
MW-16	188.63	186.86	188.23	186.99	188.23	186.70	191.71	190.86	192.88	189.98	192.69
MW-32	181.08	178.43	180.57	178.60	180.29	177.98	176.74	175.93	178.64	176.65	176.81
MW-33	165.34	165.97	163.19	165.99	163.40	165.23	164.04	166.79	168.88	166.90	165.74
MW-34	191.64	189.59	191.28	189.87	191.18	189.55	188.59	188.61	192.06	187.97	188.95
MW-35	176.06	176.08	172.30	175.84	175.32	175.77	178.77	177.57	181.37	177.57	179.21
MW-53	187.59	186.21	185.48	185.57	185.59	185.65	197.06	200.37	197.79	200.34	195.74
MW-56	195.35	192.70	194.84	192.87	194.56	192.25	192.51	192.11	193.81	191.51	191.58
MW-57	192.79	193.42	190.64	193.41	190.85	192.68	195.33	196.43	196.23	195.24	194.66
PZ-41	192.28	192.93	191.22	193.13	191.69	157.23*	192.59	193.75	192.81	193.76	192.57
GP-28	191.73	192.26	190.45	192.15	190.87	192.47	192.56	194.99	197.06	195.01	192.54
GP-30W	192.26	192.63	191.23	192.79	191.82	193.37	192.74	196.28	194.19	195.81	193.41

	MIN	MAX	AVERAGE	FLUCTUATION
MW-1	208.53	215.67	210.75	7.14
MW-2	179.47	184.02	182.75	4.55
MW-4	171.22	177.73	175.01	6.51
MW-9	192.21	198.27	193.99	6.06
MW-10	191.46	196.89	193.64	5.43
MW-16	183.51	193.29	189.42	9.78
MW-32	174.34	181.16	177.96	6.82
MW-33	162.86	168.88	165.08	6.02
MW-34	187.97	192.06	190.11	4.09
MW-35	172.30	181.37	176.27	9.07
MW-53	185.48	200.37	191.58	14.89
MW-56	191.51	195.35	193.10	3.84
MW-57	190.64	196.43	193.79	5.79
PZ-41	190.37	194.38	192.69	4.01
GP-28	190.17	197.06	192.41	6.89
GP-30W	190.84	196.28	192.94	5.44

*Astrisks indicate outlier elevations not included in elevation comparisons

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By: MG
Date: 1/15/16

Table 3

Groundwater Velocity - October 2015

Harnett County Dunn-Erwin Landfill

Monitoring Location	Water Table Elevation (ft. amsl)	Hydraulic Conductivity (cm/sec)	Estimated Porosity	Hydraulic Gradient (ft./ft.)	Groundwater Velocity (cm/sec)	Groundwater Velocity (ft/day)
MW-1	210.01	7.90E-07	0.28	0.0005	1.41E-09	4.00E-06
MW-2	182.42	3.50E-05	0.28	0.0489	6.11E-06	1.73E-02
MW-4	175.44	1.20E-05	0.28	0.0544	2.33E-06	6.61E-03
MW-9	194.52	8.60E-04	0.28	0.0288	8.86E-05	0.25
MW-10	193.91	3.00E-06	0.28	0.0186	1.99E-07	5.65E-04
MW-16	192.69	7.30E-08	0.28	0.0336	8.77E-09	2.48E-05
MW-32	176.81	2.90E-06	0.28	0.0245	2.54E-07	7.20E-04
MW-33	165.74	4.10E-06	0.28	0.0448	6.57E-07	1.86E-03

NOTE:

1) Hydraulic Conductivity values from Withers and Ravenel "Evaluation of Groundwater Flow and Direction", November 1994 except MW-9 and MW-10 which were obtained from ENSOL
2) Porosity values estimated from McWorter and Sunada (1977) (http://web.ead.anl.gov/resrad/datacoll/porosity.htm)
3) Velocity Calculated from V=K*i/n
   V = velocity
   K = Hydraulic Conductivity
   i = Gradient
   n = Porosity
4) Hydraulic Gradient Measured from October 2015 Potentiometric Surface

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
GP-25W	1,1-Dichloroethane	4.2	ug/l	10/15/2008	6	
GP-25W	1,1-Dichloroethane	2.9	ug/l	4/22/2009	6	
GP-25W	1,1-Dichloroethane	1.3	ug/l	10/21/2009	6	
GP-25W	1,1-Dichloroethane	1.3	ug/l	10/21/2009	6	
GP-25W	1,1-Dichloroethane	2.9	ug/l	4/20/2010	6	
GP-25W	1,1-Dichloroethane	1.6	ug/l	10/19/2010	6	
GP-25W	1,1-Dichloroethane	0.3	ug/l	4/20/2011	6	
GP-25W	1,1-Dichloroethane	1.1	ug/l	10/27/2011	6	
GP-25W	1,1-Dichloroethane	1.1	ug/l	10/29/2012	6	
GP-25W	2-Butanone (Methyl ethyl ketone)	1.7	ug/l	4/22/2009	4000	
GP-25W	2-Butanone (Methyl ethyl ketone)	1.9	ug/l	10/21/2009	4000	
GP-25W	2-Butanone (Methyl ethyl ketone)	1.9	ug/l	10/21/2009	4000	
GP-25W	Acetone	9.3	ug/l	4/22/2008	6000	
GP-25W	Acetone	3.1	ug/l	4/22/2009	6000	
GP-25W	Acetone	1.3	ug/l	10/21/2009	6000	
GP-25W	Acetone	1.3	ug/l	10/21/2009	6000	
GP-25W	Chloroethane	0.6	ug/l	10/15/2008	3000	
GP-25W	Chloroethane	0.5	ug/l	4/22/2009	3000	
GP-25W	Chloromethane	0.8	ug/l	10/21/2009	70	
GP-25W	Chloromethane	0.8	ug/l	10/21/2009	70	
GP-25W	cis-1,2-Dichloroethene (-ethylene)	0.2	ug/l	10/15/2008	70	
GP-25W	cis-1,2-Dichloroethene (-ethylene)	0.2	ug/l	4/22/2009	70	
GP-25W	Dichloromethane (Methylene chloride)	1.4	ug/l	10/15/2008	5	
GP-25W	Dichloromethane (Methylene chloride)	1.4	ug/l	4/22/2009	5	
GP-25W	Dichloromethane (Methylene chloride)	0.3	ug/l	10/21/2009	5	
GP-25W	Dichloromethane (Methylene chloride)	0.3	ug/l	10/21/2009	5	
GP-25W	Dichloromethane (Methylene chloride)	1.0	ug/l	4/20/2010	5	
GP-25W	Dichloromethane (Methylene chloride)	1.8	ug/l	10/19/2010	5	
GP-25W	Tetrachloroethene (-ethylene)	0.5	ug/l	10/15/2008	0.7	
GP-25W	Tetrachloroethene (-ethylene)	0.6	ug/l	4/22/2009	0.7	
GP-25W	Tetrachloroethene (-ethylene)	0.4	ug/l	10/21/2009	0.7	
GP-25W	Tetrachloroethene (-ethylene)	0.4	ug/l	10/21/2009	0.7	
GP-25W	Tetrachloroethene (-ethylene)	0.7	ug/l	4/20/2010	0.7	
GP-25W	Tetrachloroethene (-ethylene)	0.4	ug/l	10/19/2010	0.7	
GP-25W	Tetrachloroethene (-ethylene)	0.3	ug/l	10/27/2011	0.7	
GP-25W	Tetrachloroethene (-ethylene)	0.3	ug/l	10/29/2012	0.7	
GP-25W	Trichloroethene (-ethylene)	0.4	ug/l	10/15/2008	3	
GP-25W	Trichloroethene (-ethylene)	0.4	ug/l	4/22/2009	3	
GP-25W	Trichloroethene (-ethylene)	0.5	ug/l	4/20/2010	3	
GP-25W	Trichloroethene (-ethylene)	0.3	ug/l	10/19/2010	3	
GP-25W	**Vinyl chloride**	**0.4**	**ug/l**	**10/15/2008**	**0.03**	**0.37**
GP-25W	**Vinyl chloride**	**0.4**	**ug/l**	**4/22/2009**	**0.03**	**0.37**
GP-28W	**1,1-Dichloroethane**	**13.5**	**ug/l**	**12/4/2013**	**6**	**7.5**
GP-28W	**1,1-Dichloroethane**	**17.5**	**ug/l**	**1/16/2014**	**6**	**11.5**
GP-28W	**1,1-Dichloroethane**	**14.4**	**ug/l**	**5/19/2014**	**6**	**8.4**
GP-28W	**1,1-Dichloroethane**	**14.8**	**ug/l**	**10/22/2014**	**6**	**8.8**
GP-28W	**1,1-Dichloroethane**	**17.0**	**ug/L**	**3/23/2015**	**6**	**11**
GP-28W	**1,1-Dichloroethane**	**10.3**	**ug/l**	**10/20/2015**	**6**	**4.3**
GP-28W	1,2-Dichlorobenzene	0.5	ug/l	5/19/2014	20	
GP-28W	1,4-Dichlorobenzene	1.6	ug/l	12/4/2013	6	
GP-28W	1,4-Dichlorobenzene	1.3	ug/l	1/16/2014	6	
GP-28W	1,4-Dichlorobenzene	1.2	ug/l	5/19/2014	6	
GP-28W	1,4-Dichlorobenzene	1.7	ug/l	10/22/2014	6	
GP-28W	1,4-Dichlorobenzene	2.0	ug/L	3/23/2015	6	
GP-28W	1,4-Dichlorobenzene	3.0	ug/l	10/20/2015	6	
GP-28W	Acetone	592.0	ug/l	12/4/2013	6000	
GP-28W	**Benzene**	**2.8**	**ug/l**	**12/4/2013**	**1**	**1.8**

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
GP-28W	**Benzene**	**2.6**	**ug/l**	**1/16/2014**	**1**	**1.6**
GP-28W	**Benzene**	**2.1**	**ug/l**	**5/19/2014**	**1**	**1.1**
GP-28W	**Benzene**	**3.7**	**ug/l**	**10/22/2014**	**1**	**2.7**
GP-28W	**Benzene**	**3.0**	**ug/L**	**3/23/2015**	**1**	**2**
GP-28W	**Benzene**	**3.3**	**ug/l**	**10/20/2015**	**1**	**2.3**
GP-28W	Chlorobenzene	0.3	ug/l	12/4/2013	50	
GP-28W	Chlorobenzene	1.0	ug/l	10/22/2014	50	
GP-28W	Chlorobenzene	0.9	ug/L	3/23/2015	50	
GP-28W	Chlorobenzene	1.5	ug/l	10/20/2015	50	
GP-28W	Chloroethane	1.2	ug/l	12/4/2013	3000	
GP-28W	Chloroethane	0.9	ug/l	1/16/2014	3000	
GP-28W	Chloroethane	0.6	ug/L	3/23/2015	3000	
GP-28W	cis-1,2-Dichloroethene (-ethylene)	5.5	ug/l	12/4/2013	70	
GP-28W	cis-1,2-Dichloroethene (-ethylene)	5.4	ug/l	1/16/2014	70	
GP-28W	cis-1,2-Dichloroethene (-ethylene)	4.3	ug/l	5/19/2014	70	
GP-28W	cis-1,2-Dichloroethene (-ethylene)	7.6	ug/l	10/22/2014	70	
GP-28W	cis-1,2-Dichloroethene (-ethylene)	6.6	ug/L	3/23/2015	70	
GP-28W	cis-1,2-Dichloroethene (-ethylene)	6.7	ug/l	10/20/2015	70	
GP-28W	**Dichloromethane (Methylene chloride)**	**12.2**	**ug/l**	**12/4/2013**	**5**	**7.2**
GP-28W	**Dichloromethane (Methylene chloride)**	**13.8**	**ug/l**	**1/16/2014**	**5**	**8.8**
GP-28W	**Dichloromethane (Methylene chloride)**	**11.2**	**ug/l**	**5/19/2014**	**5**	**6.2**
GP-28W	**Dichloromethane (Methylene chloride)**	**15.6**	**ug/l**	**10/22/2014**	**5**	**10.6**
GP-28W	**Dichloromethane (Methylene chloride)**	**14.0**	**ug/L**	**3/23/2015**	**5**	**9**
GP-28W	**Dichloromethane (Methylene chloride)**	**10.1**	**ug/l**	**10/20/2015**	**5**	**5.1**
GP-28W	**Tetrachloroethene (-ethylene)**	**2.5**	**ug/l**	**12/4/2013**	**0.7**	**1.8**
GP-28W	**Tetrachloroethene (-ethylene)**	**2.7**	**ug/l**	**1/16/2014**	**0.7**	**2**
GP-28W	**Tetrachloroethene (-ethylene)**	**2.1**	**ug/l**	**5/19/2014**	**0.7**	**1.4**
GP-28W	**Tetrachloroethene (-ethylene)**	**2.0**	**ug/l**	**10/22/2014**	**0.7**	**1.3**
GP-28W	**Tetrachloroethene (-ethylene)**	**2.8**	**ug/L**	**3/23/2015**	**0.7**	**2.1**
GP-28W	**Tetrachloroethene (-ethylene)**	**1.7**	**ug/l**	**10/20/2015**	**0.7**	**1**
GP-28W	Trichloroethene (-ethylene)	1.9	ug/l	12/4/2013	3	
GP-28W	Trichloroethene (-ethylene)	2.1	ug/l	1/16/2014	3	
GP-28W	Trichloroethene (-ethylene)	1.9	ug/l	5/19/2014	3	
GP-28W	Trichloroethene (-ethylene)	1.8	ug/l	10/22/2014	3	
GP-28W	Trichloroethene (-ethylene)	2.0	ug/L	3/23/2015	3	
GP-28W	Trichloroethene (-ethylene)	1.3	ug/l	10/20/2015	3	
GP-28W	**Vinyl chloride**	**1.8**	**ug/l**	**12/4/2013**	**0.03**	**1.77**
GP-28W	**Vinyl chloride**	**1.6**	**ug/l**	**1/16/2014**	**0.03**	**1.57**
GP-28W	**Vinyl chloride**	**1.2**	**ug/l**	**5/19/2014**	**0.03**	**1.17**
GP-28W	**Vinyl chloride**	**1.7**	**ug/l**	**10/22/2014**	**0.03**	**1.67**
GP-28W	**Vinyl chloride**	**0.9**	**ug/L**	**3/23/2015**	**0.03**	**0.89**
GP-28W	**Vinyl chloride**	**1.1**	**ug/l**	**10/20/2015**	**0.03**	**1.07**
GP-30W	1,1-Dichloroethane	1.1	ug/l	10/19/2010	6	
GP-30W	1,1-Dichloroethane	0.7	ug/l	4/20/2011	6	
GP-30W	1,1-Dichloroethane	3.5	ug/l	10/27/2011	6	
GP-30W	1,1-Dichloroethane	2.5	ug/l	4/11/2012	6	
GP-30W	1,1-Dichloroethane	1.4	ug/l	10/29/2012	6	
GP-30W	1,1-Dichloroethane	0.7	ug/l	4/24/2013	6	
GP-30W	1,1-Dichloroethane	0.6	ug/l	12/4/2013	6	
GP-30W	1,1-Dichloroethane	0.5	ug/l	5/19/2014	6	
GP-30W	1,1-Dichloroethane	0.6	ug/l	10/22/2014	6	
GP-30W	1,1-Dichloroethane	1.1	ug/L	3/23/2015	6	
GP-30W	1,1-Dichloroethane	0.4	ug/l	10/20/2015	6	
GP-30W	1,4-Dichlorobenzene	2.2	ug/l	10/27/2011	6	
GP-30W	1,4-Dichlorobenzene	1.3	ug/l	4/11/2012	6	
GP-30W	1,4-Dichlorobenzene	0.8	ug/l	10/29/2012	6	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
GP-30W	1,4-Dichlorobenzene	0.4	ug/l	4/24/2013	6	
GP-30W	1,4-Dichlorobenzene	2.9	ug/l	10/22/2014	6	
GP-30W	2-Butanone (Methyl ethyl ketone)	1.4	ug/l	4/22/2008	4000	
GP-30W	2-Butanone (Methyl ethyl ketone)	2.7	ug/l	10/21/2009	4000	
GP-30W	2-Butanone (Methyl ethyl ketone)	2.7	ug/l	10/21/2009	4000	
GP-30W	Acetone	8.8	ug/l	4/22/2008	6000	
GP-30W	Acetone	1.3	ug/l	10/15/2008	6000	
GP-30W	Acetone	1.8	ug/l	10/21/2009	6000	
GP-30W	Acetone	1.8	ug/l	10/21/2009	6000	
GP-30W	Acetone	34.8	ug/l	12/4/2013	6000	
GP-30W	Benzene	0.5	ug/l	10/19/2010	1	
GP-30W	**Benzene**	**3.0**	**ug/l**	**4/20/2011**	**1**	**2**
GP-30W	**Benzene**	**1.8**	**ug/l**	**10/27/2011**	**1**	**0.8**
GP-30W	**Benzene**	**1.2**	**ug/l**	**4/11/2012**	**1**	**0.2**
GP-30W	Benzene	0.4	ug/l	10/29/2012	1	
GP-30W	Chloride	5000.0	ug/l	12/4/2013	250000	
GP-30W	Chloride	34000.0	ug/l	5/19/2014	250000	
GP-30W	Chloride	3100.0	ug/L	3/23/2015	250000	
GP-30W	Chlorobenzene	1.0	ug/l	10/27/2011	50	
GP-30W	Chlorobenzene	0.5	ug/l	4/11/2012	50	
GP-30W	Chloroethane	0.5	ug/l	10/27/2011	3000	
GP-30W	Chloroethane	0.7	ug/l	4/11/2012	3000	
GP-30W	Chloromethane	1.2	ug/l	10/21/2009	70	
GP-30W	Chloromethane	1.2	ug/l	10/21/2009	70	
GP-30W	cis-1,2-Dichloroethene (-ethylene)	1.8	ug/l	10/19/2010	70	
GP-30W	cis-1,2-Dichloroethene (-ethylene)	1.3	ug/l	4/20/2011	70	
GP-30W	cis-1,2-Dichloroethene (-ethylene)	8.0	ug/l	10/27/2011	70	
GP-30W	cis-1,2-Dichloroethene (-ethylene)	4.8	ug/l	4/11/2012	70	
GP-30W	cis-1,2-Dichloroethene (-ethylene)	1.5	ug/l	10/29/2012	70	
GP-30W	cis-1,2-Dichloroethene (-ethylene)	0.5	ug/l	4/24/2013	70	
GP-30W	Dichloromethane (Methylene chloride)	1.2	ug/l	4/20/2011	5	
GP-30W	**Dichloromethane (Methylene chloride)**	**6.4**	**ug/l**	**10/27/2011**	**5**	**1.4**
GP-30W	Dichloromethane (Methylene chloride)	4.7	ug/l	4/11/2012	5	
GP-30W	Dichloromethane (Methylene chloride)	1.2	ug/l	10/29/2012	5	
GP-30W	Methane	1.2	ug/l	12/4/2013	NE	
GP-30W	Methane	1.7	ug/l	5/19/2014	NE	
GP-30W	Nitrate Nitrogen as N	1300.0	ug/l	12/4/2013	10000	
GP-30W	Nitrate Nitrogen as N	1210.0	ug/l	5/19/2014	10000	
GP-30W	Nitrate Nitrogen as N	980.0	ug/L	3/23/2015	10000	
GP-30W	Sulfate	9100.0	ug/L	3/23/2015	250000	
GP-30W	Sulfide, total	18000.0	ug/L	3/23/2015	NE	
GP-30W	Tetrachloroethene (-ethylene)	0.3	ug/l	10/19/2010	0.7	
GP-30W	**Tetrachloroethene (-ethylene)**	**1.1**	**ug/l**	**10/27/2011**	**0.7**	**0.4**
GP-30W	Tetrachloroethene (-ethylene)	0.6	ug/l	4/11/2012	0.7	
GP-30W	Tetrachloroethene (-ethylene)	0.5	ug/l	10/29/2012	0.7	
GP-30W	Tetrachloroethene (-ethylene)	0.5	ug/l	4/24/2013	0.7	
GP-30W	Trichloroethene (-ethylene)	0.9	ug/l	10/27/2011	3	
GP-30W	Trichloroethene (-ethylene)	0.5	ug/l	4/11/2012	3	
GP-30W	**Vinyl chloride**	**1.6**	**ug/l**	**10/27/2011**	**0.03**	**1.57**
GP-30W	**Vinyl chloride**	**1.0**	**ug/l**	**4/11/2012**	**0.03**	**0.97**
GP-37W	1,1-Dichloroethane	3.9	ug/l	4/22/2008	6	
GP-37W	**1,1-Dichloroethane**	**7.9**	**ug/l**	**10/15/2008**	**6**	**1.9**
GP-37W	1,1-Dichloroethane	4.6	ug/l	4/22/2009	6	
GP-37W	**1,1-Dichloroethane**	**7.1**	**ug/l**	**10/21/2009**	**6**	**1.1**
GP-37W	**1,1-Dichloroethane**	**7.1**	**ug/l**	**10/21/2009**	**6**	**1.1**
GP-37W	**1,1-Dichloroethane**	**6.4**	**ug/l**	**4/20/2010**	**6**	**0.4**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
GP-37W	1,1-Dichloroethane	3.9	ug/l	10/19/2010	6	
GP-37W	1,1-Dichloroethane	3.0	ug/l	4/20/2011	6	
GP-37W	1,1-Dichloroethane	3.4	ug/l	10/27/2011	6	
GP-37W	1,1-Dichloroethane	1.4	ug/l	4/11/2012	6	
GP-37W	1,1-Dichloroethane	2.9	ug/l	10/29/2012	6	
GP-37W	1,1-Dichloroethane	0.7	ug/l	4/24/2013	6	
GP-37W	2-Butanone (Methyl ethyl ketone)	1.1	ug/l	4/22/2009	4000	
GP-37W	2-Butanone (Methyl ethyl ketone)	2.1	ug/l	10/21/2009	4000	
GP-37W	2-Butanone (Methyl ethyl ketone)	2.1	ug/l	10/21/2009	4000	
GP-37W	Acetone	5.8	ug/l	4/22/2008	6000	
GP-37W	Acetone	1.4	ug/l	10/15/2008	6000	
GP-37W	Acetone	1.3	ug/l	4/22/2009	6000	
GP-37W	Acetone	1.4	ug/l	10/21/2009	6000	
GP-37W	Acetone	1.4	ug/l	10/21/2009	6000	
GP-37W	Chloromethane	1.1	ug/l	10/21/2009	70	
GP-37W	Chloromethane	1.1	ug/l	10/21/2009	70	
GP-37W	Dichloromethane (Methylene chloride)	0.2	ug/l	4/22/2009	5	
GP-37W	Dichloromethane (Methylene chloride)	0.2	ug/l	10/21/2009	5	
GP-37W	Dichloromethane (Methylene chloride)	0.2	ug/l	10/21/2009	5	
GP-37W	Tetrachloroethene (-ethylene)	0.2	ug/l	4/22/2008	0.7	
GP-37W	Tetrachloroethene (-ethylene)	0.4	ug/l	10/15/2008	0.7	
GP-37W	Tetrachloroethene (-ethylene)	0.4	ug/l	4/22/2009	0.7	
GP-37W	Tetrachloroethene (-ethylene)	0.7	ug/l	10/21/2009	0.7	
GP-37W	Tetrachloroethene (-ethylene)	0.7	ug/l	10/21/2009	0.7	
GP-37W	Tetrachloroethene (-ethylene)	0.5	ug/l	4/20/2010	0.7	
GP-37W	Tetrachloroethene (-ethylene)	0.3	ug/l	10/19/2010	0.7	
GP-37W	Tetrachloroethene (-ethylene)	0.2	ug/l	4/20/2011	0.7	
GP-37W	Tetrachloroethene (-ethylene)	0.3	ug/l	10/29/2012	0.7	
GP-37W	Trichloroethene (-ethylene)	0.4	ug/l	10/15/2008	3	
GP-37W	Trichloroethene (-ethylene)	0.5	ug/l	10/21/2009	3	
GP-37W	Trichloroethene (-ethylene)	0.5	ug/l	10/21/2009	3	
GP-37W	Trichloroethene (-ethylene)	0.3	ug/l	4/20/2010	3	
GP-38W	1,1-Dichloroethane	2.0	ug/l	4/22/2008	6	
GP-38W	1,1-Dichloroethane	2.5	ug/l	10/15/2008	6	
GP-38W	1,1-Dichloroethane	1.5	ug/l	4/22/2009	6	
GP-38W	1,1-Dichloroethane	1.3	ug/l	10/21/2009	6	
GP-38W	1,1-Dichloroethane	1.3	ug/l	10/21/2009	6	
GP-38W	1,1-Dichloroethane	1.4	ug/l	4/20/2010	6	
GP-38W	1,1-Dichloroethane	1.2	ug/l	10/19/2010	6	
GP-38W	1,1-Dichloroethane	1.0	ug/l	4/20/2011	6	
GP-38W	1,1-Dichloroethane	0.8	ug/l	10/27/2011	6	
GP-38W	1,1-Dichloroethane	0.9	ug/l	4/11/2012	6	
GP-38W	1,1-Dichloroethane	0.8	ug/l	10/29/2012	6	
GP-38W	1,1-Dichloroethane	0.6	ug/l	4/24/2013	6	
GP-38W	1,4-Dichlorobenzene	0.3	ug/l	4/22/2008	6	
GP-38W	1,4-Dichlorobenzene	0.5	ug/l	10/15/2008	6	
GP-38W	1,4-Dichlorobenzene	0.5	ug/l	4/22/2009	6	
GP-38W	1,4-Dichlorobenzene	0.5	ug/l	10/21/2009	6	
GP-38W	1,4-Dichlorobenzene	0.5	ug/l	10/21/2009	6	
GP-38W	1,4-Dichlorobenzene	0.8	ug/l	4/20/2010	6	
GP-38W	1,4-Dichlorobenzene	0.6	ug/l	10/19/2010	6	
GP-38W	1,4-Dichlorobenzene	0.6	ug/l	4/20/2011	6	
GP-38W	1,4-Dichlorobenzene	0.8	ug/l	10/27/2011	6	
GP-38W	1,4-Dichlorobenzene	0.8	ug/l	4/11/2012	6	
GP-38W	1,4-Dichlorobenzene	0.9	ug/l	10/29/2012	6	
GP-38W	1,4-Dichlorobenzene	0.7	ug/l	4/24/2013	6	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
GP-38W	2-Butanone (Methyl ethyl ketone)	1.8	ug/l	10/15/2008	4000	
GP-38W	2-Butanone (Methyl ethyl ketone)	3.3	ug/l	10/21/2009	4000	
GP-38W	2-Butanone (Methyl ethyl ketone)	3.3	ug/l	10/21/2009	4000	
GP-38W	Acetone	4.4	ug/l	4/22/2008	6000	
GP-38W	Acetone	1.8	ug/l	10/15/2008	6000	
GP-38W	Acetone	1.3	ug/l	4/22/2009	6000	
GP-38W	Acetone	2.6	ug/l	10/21/2009	6000	
GP-38W	Acetone	2.6	ug/l	10/21/2009	6000	
GP-38W	**Benzene**	**3.6**	**ug/l**	**4/22/2008**	**1**	**2.6**
GP-38W	**Benzene**	**4.5**	**ug/l**	**10/15/2008**	**1**	**3.5**
GP-38W	**Benzene**	**3.4**	**ug/l**	**4/22/2009**	**1**	**2.4**
GP-38W	**Benzene**	**3.4**	**ug/l**	**10/21/2009**	**1**	**2.4**
GP-38W	**Benzene**	**3.4**	**ug/l**	**10/21/2009**	**1**	**2.4**
GP-38W	**Benzene**	**4.0**	**ug/l**	**4/20/2010**	**1**	**3**
GP-38W	**Benzene**	**3.3**	**ug/l**	**10/19/2010**	**1**	**2.25**
GP-38W	**Benzene**	**3.0**	**ug/l**	**4/20/2011**	**1**	**2**
GP-38W	**Benzene**	**4.0**	**ug/l**	**10/27/2011**	**1**	**3**
GP-38W	**Benzene**	**3.6**	**ug/l**	**4/11/2012**	**1**	**2.6**
GP-38W	**Benzene**	**4.5**	**ug/l**	**10/29/2012**	**1**	**3.5**
GP-38W	**Benzene**	**3.5**	**ug/l**	**4/24/2013**	**1**	**2.5**
GP-38W	Carbon Disulfide	0.3	ug/l	4/22/2009	700	
GP-38W	Chloroethane	1.3	ug/l	4/22/2008	3000	
GP-38W	Chloroethane	1.7	ug/l	10/15/2008	3000	
GP-38W	Chloroethane	1.1	ug/l	4/22/2009	3000	
GP-38W	Chloroethane	1.1	ug/l	4/20/2010	3000	
GP-38W	Chloroethane	1.0	ug/l	10/19/2010	3000	
GP-38W	Chloroethane	0.8	ug/l	4/20/2011	3000	
GP-38W	Chloroethane	0.6	ug/l	10/27/2011	3000	
GP-38W	Chloroethane	1.0	ug/l	4/11/2012	3000	
GP-38W	Chloroethane	0.8	ug/l	10/29/2012	3000	
GP-38W	Chloroethane	1.0	ug/l	4/24/2013	3000	
GP-38W	Chloromethane	0.7	ug/l	10/21/2009	70	
GP-38W	Chloromethane	0.7	ug/l	10/21/2009	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	18.3	ug/l	4/22/2008	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	25.7	ug/l	10/15/2008	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	18.1	ug/l	4/22/2009	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	19.1	ug/l	10/21/2009	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	19.1	ug/l	10/21/2009	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	27.4	ug/l	4/20/2010	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	22.5	ug/l	10/19/2010	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	21.7	ug/l	4/20/2011	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	21.0	ug/l	10/27/2011	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	19.4	ug/l	4/11/2012	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	19.3	ug/l	10/29/2012	70	
GP-38W	cis-1,2-Dichloroethene (-ethylene)	15.7	ug/l	4/24/2013	70	
GP-38W	Dichloromethane (Methylene chloride)	0.4	ug/l	4/22/2008	5	
GP-38W	Dichloromethane (Methylene chloride)	0.6	ug/l	10/15/2008	5	
GP-38W	Dichloromethane (Methylene chloride)	0.5	ug/l	4/22/2009	5	
GP-38W	Dichloromethane (Methylene chloride)	0.3	ug/l	10/21/2009	5	
GP-38W	Dichloromethane (Methylene chloride)	0.3	ug/l	10/21/2009	5	
GP-38W	Ethylbenzene	0.2	ug/l	10/21/2009	600	
GP-38W	Ethylbenzene	0.2	ug/l	10/21/2009	600	
GP-38W	**Tetrachloroethene (-ethylene)**	**1.1**	**ug/l**	**4/22/2008**	**0.7**	**0.4**
GP-38W	**Tetrachloroethene (-ethylene)**	**1.0**	**ug/l**	**10/15/2008**	**0.7**	**0.3**
GP-38W	**Tetrachloroethene (-ethylene)**	**1.0**	**ug/l**	**4/22/2009**	**0.7**	**0.3**
GP-38W	**Tetrachloroethene (-ethylene)**	**0.9**	**ug/l**	**10/21/2009**	**0.7**	**0.2**
GP-38W	**Tetrachloroethene (-ethylene)**	**0.9**	**ug/l**	**10/21/2009**	**0.7**	**0.2**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
GP-38W	Tetrachloroethene (-ethylene)	0.5	ug/l	4/20/2010	0.7	
GP-38W	Tetrachloroethene (-ethylene)	0.5	ug/l	10/19/2010	0.7	
GP-38W	Tetrachloroethene (-ethylene)	0.3	ug/l	4/20/2011	0.7	
GP-38W	Tetrachloroethene (-ethylene)	0.4	ug/l	10/27/2011	0.7	
GP-38W	Tetrachloroethene (-ethylene)	0.2	ug/l	4/11/2012	0.7	
GP-38W	Tetrachloroethene (-ethylene)	0.3	ug/l	10/29/2012	0.7	
GP-38W	Toluene	0.2	ug/l	10/15/2008	600	
GP-38W	Toluene	0.3	ug/l	10/21/2009	600	
GP-38W	Toluene	0.3	ug/l	10/21/2009	600	
GP-38W	trans-1,2-Dichloroethene	0.2	ug/l	4/22/2008	100	
GP-38W	**Trichloroethene (-ethylene)**	**3.1**	**ug/l**	**4/22/2008**	**3**	**0.1**
GP-38W	**Trichloroethene (-ethylene)**	**3.6**	**ug/l**	**10/15/2008**	**3**	**0.6**
GP-38W	Trichloroethene (-ethylene)	2.6	ug/l	4/22/2009	3	
GP-38W	Trichloroethene (-ethylene)	2.7	ug/l	10/21/2009	3	
GP-38W	Trichloroethene (-ethylene)	2.7	ug/l	10/21/2009	3	
GP-38W	Trichloroethene (-ethylene)	1.6	ug/l	4/20/2010	3	
GP-38W	Trichloroethene (-ethylene)	1.5	ug/l	10/19/2010	3	
GP-38W	Trichloroethene (-ethylene)	1.1	ug/l	4/20/2011	3	
GP-38W	Trichloroethene (-ethylene)	1.2	ug/l	10/27/2011	3	
GP-38W	Trichloroethene (-ethylene)	0.8	ug/l	4/11/2012	3	
GP-38W	Trichloroethene (-ethylene)	0.8	ug/l	10/29/2012	3	
GP-38W	Trichloroethene (-ethylene)	0.6	ug/l	4/24/2013	3	
GP-38W	**Vinyl chloride**	**1.5**	**ug/l**	**4/22/2008**	**0.03**	**1.47**
GP-38W	**Vinyl chloride**	**2.6**	**ug/l**	**10/15/2008**	**0.03**	**2.57**
GP-38W	**Vinyl chloride**	**1.7**	**ug/l**	**4/22/2009**	**0.03**	**1.67**
GP-38W	**Vinyl chloride**	**1.0**	**ug/l**	**10/21/2009**	**0.03**	**0.97**
GP-38W	**Vinyl chloride**	**1.0**	**ug/l**	**10/21/2009**	**0.03**	**0.97**
GP-38W	**Vinyl chloride**	**1.8**	**ug/l**	**4/20/2010**	**0.03**	**1.77**
GP-38W	**Vinyl chloride**	**1.1**	**ug/l**	**10/19/2010**	**0.03**	**1.07**
GP-38W	**Vinyl chloride**	**1.0**	**ug/l**	**4/20/2011**	**0.03**	**0.97**
GP-38W	**Vinyl chloride**	**1.1**	**ug/l**	**10/27/2011**	**0.03**	**1.07**
GP-38W	**Vinyl chloride**	**1.3**	**ug/l**	**4/11/2012**	**0.03**	**1.27**
GP-38W	**Vinyl chloride**	**0.7**	**ug/l**	**10/29/2012**	**0.03**	**0.67**
GP-38W	**Vinyl chloride**	**1.5**	**ug/l**	**4/24/2013**	**0.03**	**1.47**
MW-1	Acetone	5.2	ug/l	4/23/2008	6000	
MW-1	Acetone	1.4	ug/l	10/16/2008	6000	
MW-1	Acetone	1.9	ug/l	10/22/2009	6000	
MW-1	Acetone	13.8	ug/l	12/4/2013	6000	
MW-1	Benzene	0.2	ug/l	4/22/2009	1	
MW-1	Benzene	0.8	ug/l	4/21/2011	1	
MW-1	Carbon Disulfide	20.9	ug/l	11/1/1994	700	
MW-1	Carbon Disulfide	7.4	ug/l	10/1/1999	700	
MW-1	Chloromethane	0.7	ug/l	10/22/2009	70	
MW-1	Diethylphthalate	5.3	ug/l	9/1/1995	6000	
MW-1	Diethylphthalate	9.8	ug/l	4/1/1997	6000	
MW-10	**1,1-Dichloroethane**	**266.0**	**ug/l**	**10/1/2001**	**6**	**260**
MW-10	**1,1-Dichloroethane**	**109.0**	**ug/l**	**4/1/2002**	**6**	**103**
MW-10	**1,1-Dichloroethane**	**59.3**	**ug/l**	**10/1/2002**	**6**	**53.3**
MW-10	**1,1-Dichloroethane**	**42.6**	**ug/l**	**4/1/2003**	**6**	**36.6**
MW-10	**1,1-Dichloroethane**	**69.1**	**ug/l**	**10/1/2003**	**6**	**63.1**
MW-10	**1,1-Dichloroethane**	**606.0**	**ug/l**	**4/1/2004**	**6**	**600**
MW-10	**1,1-Dichloroethane**	**53.3**	**ug/l**	**10/1/2004**	**6**	**47.3**
MW-10	**1,1-Dichloroethane**	**34.9**	**ug/l**	**4/1/2005**	**6**	**28.9**
MW-10	**1,1-Dichloroethane**	**25.2**	**ug/l**	**10/1/2005**	**6**	**19.2**
MW-10	**1,1-Dichloroethane**	**19.1**	**ug/l**	**4/1/2006**	**6**	**13.1**
MW-10	**1,1-Dichloroethane**	**9.4**	**ug/l**	**10/1/2006**	**6**	**3.4**

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Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-10	**1,1-Dichloroethane**	**10.9**	**ug/l**	**5/1/2007**	**6**	**4.9**
MW-10	**1,1-Dichloroethane**	**9.2**	**ug/l**	**10/1/2007**	**6**	**3.2**
MW-10	**1,1-Dichloroethane**	**7.5**	**ug/l**	**4/1/2008**	**6**	**1.5**
MW-10	**1,1-Dichloroethane**	**7.5**	**ug/l**	**4/23/2008**	**6**	**1.5**
MW-10	**1,1-Dichloroethane**	**7.7**	**ug/l**	**10/16/2008**	**6**	**1.7**
MW-10	1,1-Dichloroethane	5.8	ug/l	4/22/2009	6	
MW-10	1,1-Dichloroethane	6.0	ug/l	10/22/2009	6	
MW-10	**1,1-Dichloroethane**	**6.2**	**ug/l**	**4/21/2010**	**6**	**0.2**
MW-10	1,1-Dichloroethane	3.7	ug/l	10/20/2010	6	
MW-10	1,1-Dichloroethane	1.6	ug/l	4/21/2011	6	
MW-10	1,1-Dichloroethane	1.3	ug/l	4/12/2012	6	
MW-10	1,1-Dichloroethane	5.4	ug/l	10/31/2012	6	
MW-10	1,1-Dichloroethane	0.4	ug/l	4/25/2013	6	
MW-10	1,1-Dichloroethane	1.5	ug/l	12/4/2013	6	
MW-10	1,1-Dichloroethane	0.5	ug/l	1/16/2014	6	
MW-10	1,1-Dichloroethane	3.6	ug/l	10/22/2014	6	
MW-10	1,1-Dichloroethane	2.4	ug/l	10/20/2015	6	
MW-10	1,2-Dichloroethane	0.2	ug/l	10/22/2009	0.4	
MW-10	1,4-Dichlorobenzene	1.3	ug/l	10/1/2007	6	
MW-10	1,4-Dichlorobenzene	1.3	ug/l	4/1/2008	6	
MW-10	1,4-Dichlorobenzene	1.3	ug/l	4/23/2008	6	
MW-10	1,4-Dichlorobenzene	1.4	ug/l	10/16/2008	6	
MW-10	1,4-Dichlorobenzene	3.0	ug/l	4/22/2009	6	
MW-10	1,4-Dichlorobenzene	3.8	ug/l	10/22/2009	6	
MW-10	1,4-Dichlorobenzene	5.4	ug/l	4/21/2010	6	
MW-10	1,4-Dichlorobenzene	2.2	ug/l	10/20/2010	6	
MW-10	1,4-Dichlorobenzene	0.6	ug/l	4/21/2011	6	
MW-10	1,4-Dichlorobenzene	0.9	ug/l	10/31/2012	6	
MW-10	2,4-Dichlorophenoxyacetic acid	0.7	ug/l	10/31/2012	NE	
MW-10	2-Butanone (Methyl ethyl ketone)	16.8	ug/l	4/23/2008	4000	
MW-10	2-Butanone (Methyl ethyl ketone)	91.8	ug/l	4/22/2009	4000	
MW-10	2-Butanone (Methyl ethyl ketone)	2.6	ug/l	10/22/2009	4000	
MW-10	2-Butanone (Methyl ethyl ketone)	3.3	ug/l	4/21/2010	4000	
MW-10	2-Butanone (Methyl ethyl ketone)	2.6	ug/l	10/20/2010	4000	
MW-10	2-Hexanone (Methyl Butyl Ketone) *	1.9	ug/l	4/22/2009	40	
MW-10	4-Methyl-2-Pentanone*	1.2	ug/l	4/22/2009	560	
MW-10	Acetone	156.0	ug/l	4/1/2003	6000	
MW-10	Acetone	130.0	ug/l	4/1/2005	6000	
MW-10	Acetone	419.0	ug/l	10/1/2005	6000	
MW-10	Acetone	234.0	ug/l	4/1/2006	6000	
MW-10	Acetone	17.7	ug/l	10/16/2008	6000	
MW-10	Acetone	2340.0	ug/l	4/22/2009	6000	
MW-10	Acetone	9.9	ug/l	10/22/2009	6000	
MW-10	Acetone	66.5	ug/l	4/21/2010	6000	
MW-10	Acetone	48.3	ug/l	10/20/2010	6000	
MW-10	Acetone	260.0	ug/l	12/4/2013	6000	
MW-10	Acetone	11.6	ug/l	5/19/2014	6000	
MW-10	**Benzene**	**6.9**	**ug/l**	**4/1/2001**	**1**	**5.9**
MW-10	**Benzene**	**7.3**	**ug/l**	**10/1/2001**	**1**	**6.3**
MW-10	**Benzene**	**6.2**	**ug/l**	**4/1/2002**	**1**	**5.2**
MW-10	**Benzene**	**4.6**	**ug/l**	**5/1/2007**	**1**	**3.6**
MW-10	**Benzene**	**2.0**	**ug/l**	**10/1/2007**	**1**	**1**
MW-10	**Benzene**	**4.5**	**ug/l**	**4/1/2008**	**1**	**3.5**
MW-10	**Benzene**	**4.5**	**ug/l**	**4/23/2008**	**1**	**3.5**
MW-10	**Benzene**	**3.9**	**ug/l**	**10/16/2008**	**1**	**2.9**
MW-10	**Benzene**	**7.0**	**ug/l**	**4/22/2009**	**1**	**6**
MW-10	**Benzene**	**5.0**	**ug/l**	**10/22/2009**	**1**	**4**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-10	**Benzene**	**6.7**	**ug/l**	**4/21/2010**	**1**	**5.7**
MW-10	**Benzene**	**1.2**	**ug/l**	**10/20/2010**	**1**	**0.2**
MW-10	Benzene	0.3	ug/l	4/21/2011	1	
MW-10	Benzene	1.0	ug/l	10/31/2012	1	
MW-10	Benzene	0.3	ug/l	12/4/2013	1	
MW-10	Benzene	0.5	ug/l	10/22/2014	1	
MW-10	Benzene	0.3	ug/l	10/20/2015	1	
MW-10	**bis (2-Ethylhexyl) Phthalate**	**41.0**	**ug/l**	**10/31/2012**	**3**	**38**
MW-10	Chloride	6000.0	ug/l	12/4/2013	250000	
MW-10	Chloride	1400.0	ug/L	3/23/2015	250000	
MW-10	Chlorobenzene	25.0	ug/l	4/1/2001	50	
MW-10	Chlorobenzene	33.0	ug/l	10/1/2001	50	
MW-10	Chlorobenzene	21.0	ug/l	4/1/2002	50	
MW-10	Chlorobenzene	9.2	ug/l	10/1/2002	50	
MW-10	Chlorobenzene	6.8	ug/l	10/1/2003	50	
MW-10	Chlorobenzene	5.7	ug/l	4/1/2004	50	
MW-10	Chlorobenzene	6.7	ug/l	10/1/2004	50	
MW-10	Chlorobenzene	3.4	ug/l	5/1/2007	50	
MW-10	Chlorobenzene	1.7	ug/l	4/23/2008	50	
MW-10	Chlorobenzene	2.1	ug/l	10/16/2008	50	
MW-10	Chlorobenzene	3.6	ug/l	4/22/2009	50	
MW-10	Chlorobenzene	3.3	ug/l	10/22/2009	50	
MW-10	Chlorobenzene	3.3	ug/l	4/21/2010	50	
MW-10	Chlorobenzene	0.9	ug/l	10/20/2010	50	
MW-10	Chlorobenzene	1.0	ug/l	10/31/2012	50	
MW-10	Chlorobenzene	0.5	ug/l	10/22/2014	50	
MW-10	Chlorobenzene	0.4	ug/l	10/20/2015	50	
MW-10	Chloroethane	72.0	ug/l	4/1/2001	3000	
MW-10	Chloroethane	47.0	ug/l	10/1/2001	3000	
MW-10	Chloroethane	51.0	ug/l	4/1/2002	3000	
MW-10	Chloroethane	16.7	ug/l	10/1/2002	3000	
MW-10	Chloroethane	11.6	ug/l	4/1/2003	3000	
MW-10	Chloroethane	18.8	ug/l	10/1/2003	3000	
MW-10	Chloroethane	19.1	ug/l	4/1/2004	3000	
MW-10	Chloroethane	19.8	ug/l	10/1/2004	3000	
MW-10	Chloroethane	12.2	ug/l	4/1/2005	3000	
MW-10	Chloroethane	4.4	ug/l	4/23/2008	3000	
MW-10	Chloroethane	1.2	ug/l	10/16/2008	3000	
MW-10	Chloroethane	2.3	ug/l	4/22/2009	3000	
MW-10	Chloroethane	2.8	ug/l	4/21/2010	3000	
MW-10	Chloromethane	0.6	ug/l	10/22/2009	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	17.0	ug/l	4/1/2001	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	17.0	ug/l	10/1/2001	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	20.0	ug/l	4/1/2002	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	6.9	ug/l	10/1/2002	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	6.8	ug/l	10/1/2003	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	11.7	ug/l	4/1/2004	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	12.6	ug/l	10/1/2004	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	10.7	ug/l	4/1/2005	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	6.5	ug/l	10/1/2005	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	15.8	ug/l	4/1/2006	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	7.9	ug/l	10/1/2006	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	16.9	ug/l	5/1/2007	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	6.9	ug/l	10/1/2007	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	9.0	ug/l	4/1/2008	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	9.0	ug/l	4/23/2008	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	13.0	ug/l	10/16/2008	70	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-10	cis-1,2-Dichloroethene (-ethylene)	27.4	ug/l	4/22/2009	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	22.1	ug/l	10/22/2009	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	31.2	ug/l	4/21/2010	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	7.1	ug/l	10/20/2010	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	1.3	ug/l	4/21/2011	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	0.8	ug/l	4/12/2012	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	3.9	ug/l	10/31/2012	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	1.0	ug/l	12/4/2013	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	2.0	ug/l	10/22/2014	70	
MW-10	cis-1,2-Dichloroethene (-ethylene)	1.2	ug/l	10/20/2015	70	
MW-10	Dichlorodifluoromethane	0.3	ug/l	10/22/2009	1000	
MW-10	**Dichloromethane (Methylene chloride)**	**120.0**	**ug/l**	**4/1/2001**	**5**	**115**
MW-10	**Dichloromethane (Methylene chloride)**	**310.0**	**ug/l**	**10/1/2001**	**5**	**305**
MW-10	**Dichloromethane (Methylene chloride)**	**132.0**	**ug/l**	**4/1/2002**	**5**	**127**
MW-10	**Dichloromethane (Methylene chloride)**	**59.3**	**ug/l**	**10/1/2002**	**5**	**54.3**
MW-10	**Dichloromethane (Methylene chloride)**	**19.7**	**ug/l**	**4/1/2003**	**5**	**14.7**
MW-10	**Dichloromethane (Methylene chloride)**	**48.7**	**ug/l**	**10/1/2003**	**5**	**43.7**
MW-10	**Dichloromethane (Methylene chloride)**	**48.0**	**ug/l**	**4/1/2004**	**5**	**43**
MW-10	**Dichloromethane (Methylene chloride)**	**67.7**	**ug/l**	**10/1/2004**	**5**	**62.7**
MW-10	**Dichloromethane (Methylene chloride)**	**51.6**	**ug/l**	**4/1/2005**	**5**	**46.6**
MW-10	**Dichloromethane (Methylene chloride)**	**27.1**	**ug/l**	**4/1/2006**	**5**	**22.1**
MW-10	**Dichloromethane (Methylene chloride)**	**14.4**	**ug/l**	**5/1/2007**	**5**	**9.4**
MW-10	Dichloromethane (Methylene chloride)	4.9	ug/l	4/1/2008	5	
MW-10	Dichloromethane (Methylene chloride)	4.9	ug/l	4/23/2008	5	
MW-10	Dichloromethane (Methylene chloride)	0.6	ug/l	10/16/2008	5	
MW-10	**Dichloromethane (Methylene chloride)**	**10.0**	**ug/l**	**4/22/2009**	**5**	**5**
MW-10	**Dichloromethane (Methylene chloride)**	**7.7**	**ug/l**	**10/22/2009**	**5**	**2.7**
MW-10	**Dichloromethane (Methylene chloride)**	**15.4**	**ug/l**	**4/21/2010**	**5**	**10.4**
MW-10	Methane	190.0	ug/l	12/4/2013	NE	
MW-10	Methane	120.0	ug/l	5/19/2014	NE	
MW-10	Methane	24.5	ug/L	3/23/2015	NE	
MW-10	Nitrate Nitrogen as N	120.0	ug/l	12/4/2013	10000	
MW-10	Nitrate Nitrogen as N	2080.0	ug/l	5/19/2014	10000	
MW-10	Nitrate Nitrogen as N	2700.0	ug/L	3/23/2015	10000	
MW-10	Sulfate	2000.0	ug/L	3/23/2015	250000	
MW-10	Sulfide, total	671.0	ug/l	10/20/2010	NE	
MW-10	Sulfide, total	2600.0	ug/L	3/23/2015	NE	
MW-10	**Tetrachloroethene (-ethylene)**	**12.0**	**ug/l**	**4/1/2001**	**0.7**	**11.3**
MW-10	**Tetrachloroethene (-ethylene)**	**11.0**	**ug/l**	**10/1/2001**	**0.7**	**10.3**
MW-10	**Tetrachloroethene (-ethylene)**	**13.0**	**ug/l**	**4/1/2002**	**0.7**	**12.3**
MW-10	**Tetrachloroethene (-ethylene)**	**6.8**	**ug/l**	**10/1/2002**	**0.7**	**6.1**
MW-10	**Tetrachloroethene (-ethylene)**	**7.1**	**ug/l**	**4/1/2003**	**0.7**	**6.4**
MW-10	**Tetrachloroethene (-ethylene)**	**7.3**	**ug/l**	**10/1/2003**	**0.7**	**6.6**
MW-10	Tetrachloroethene (-ethylene)	0.6	ug/l	4/23/2008	0.7	
MW-10	Tetrachloroethene (-ethylene)	0.5	ug/l	4/22/2009	0.7	
MW-10	Tetrachloroethene (-ethylene)	0.4	ug/l	10/22/2009	0.7	
MW-10	**Tetrachloroethene (-ethylene)**	**1.1**	**ug/l**	**4/21/2010**	**0.7**	**0.4**
MW-10	Tetrachloroethene (-ethylene)	0.2	ug/l	10/20/2010	0.7	
MW-10	Tetrachloroethene (-ethylene)	0.2	ug/l	4/21/2011	0.7	
MW-10	Tetrachloroethene (-ethylene)	0.3	ug/l	4/12/2012	0.7	
MW-10	Tetrachloroethene (-ethylene)	0.5	ug/l	10/31/2012	0.7	
MW-10	Tetrachloroethene (-ethylene)	0.3	ug/l	12/4/2013	0.7	
MW-10	Tetrachloroethene (-ethylene)	0.3	ug/l	10/22/2014	0.7	
MW-10	Tetrachloroethene (-ethylene)	0.2	ug/l	10/20/2015	0.7	
MW-10	Toluene	0.8	ug/l	4/23/2008	600	
MW-10	Toluene	13.1	ug/l	10/16/2008	600	
MW-10	Toluene	6.0	ug/l	4/22/2009	600	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-10	Toluene	6.2	ug/l	10/22/2009	600	
MW-10	Toluene	0.9	ug/l	4/21/2010	600	
MW-10	Toluene	0.5	ug/l	10/20/2010	600	
MW-10	**Trichloroethene (-ethylene)**	**11.0**	**ug/l**	**4/1/2001**	**3**	**8**
MW-10	**Trichloroethene (-ethylene)**	**11.0**	**ug/l**	**10/1/2001**	**3**	**8**
MW-10	**Trichloroethene (-ethylene)**	**9.1**	**ug/l**	**4/1/2002**	**3**	**6.1**
MW-10	**Trichloroethene (-ethylene)**	**5.7**	**ug/l**	**10/1/2003**	**3**	**2.7**
MW-10	Trichloroethene (-ethylene)	1.3	ug/l	4/1/2008	3	
MW-10	Trichloroethene (-ethylene)	1.3	ug/l	4/23/2008	3	
MW-10	Trichloroethene (-ethylene)	0.3	ug/l	10/16/2008	3	
MW-10	Trichloroethene (-ethylene)	1.1	ug/l	4/22/2009	3	
MW-10	Trichloroethene (-ethylene)	0.7	ug/l	10/22/2009	3	
MW-10	Trichloroethene (-ethylene)	1.6	ug/l	4/21/2010	3	
MW-10	Trichloroethene (-ethylene)	0.4	ug/l	10/20/2010	3	
MW-10	Trichloroethene (-ethylene)	0.6	ug/l	10/31/2012	3	
MW-10	Trichloroethene (-ethylene)	0.3	ug/l	10/22/2014	3	
MW-10	**Vinyl chloride**	**10.0**	**ug/l**	**4/1/2001**	**0.03**	**9.97**
MW-10	**Vinyl chloride**	**1.4**	**ug/l**	**10/1/2007**	**0.03**	**1.37**
MW-10	**Vinyl chloride**	**2.0**	**ug/l**	**4/1/2008**	**0.03**	**1.97**
MW-10	**Vinyl chloride**	**2.0**	**ug/l**	**4/23/2008**	**0.03**	**1.97**
MW-10	**Vinyl chloride**	**3.3**	**ug/l**	**10/16/2008**	**0.03**	**3.27**
MW-10	**Vinyl chloride**	**3.9**	**ug/l**	**4/22/2009**	**0.03**	**3.87**
MW-10	**Vinyl chloride**	**2.0**	**ug/l**	**10/22/2009**	**0.03**	**1.97**
MW-10	**Vinyl chloride**	**3.9**	**ug/l**	**4/21/2010**	**0.03**	**3.87**
MW-10	**Vinyl chloride**	**1.0**	**ug/l**	**10/20/2010**	**0.03**	**0.97**
MW-10	**Vinyl chloride**	**1.0**	**ug/l**	**10/31/2012**	**0.03**	**0.97**
MW-10	Xylene	35.0	ug/l	4/1/2001	500	
MW-10	Xylene	39.0	ug/l	10/1/2001	500	
MW-10	Xylene	30.0	ug/l	4/1/2002	500	
MW-10	Xylene	7.4	ug/l	10/1/2002	500	
MW-10	Xylene	5.0	ug/l	4/1/2003	500	
MW-10	Xylene	6.4	ug/l	10/1/2003	500	
MW-10	Xylene	12.3	ug/l	10/1/2004	500	
MW-10	Xylene	5.5	ug/l	4/1/2005	500	
MW-10	Xylene	5.3	ug/l	4/1/2006	500	
MW-10	Xylene	2.7	ug/l	4/23/2008	500	
MW-10	Xylene	2.1	ug/l	10/16/2008	500	
MW-10	Xylene	4.5	ug/l	4/22/2009	500	
MW-10	Xylene	2.6	ug/l	10/22/2009	500	
MW-10	Xylene	4.6	ug/l	4/21/2010	500	
MW-10	Xylene	1.2	ug/l	10/20/2010	500	
MW-11	2-Butanone (Methyl ethyl ketone)	1.2	ug/l	4/22/2009	4000	
MW-11	2-Butanone (Methyl ethyl ketone)	1.4	ug/l	10/22/2009	4000	
MW-11	Acetone	5.0	ug/l	4/23/2008	6000	
MW-11	Acetone	1.7	ug/l	10/16/2008	6000	
MW-11	Acetone	1.4	ug/l	4/22/2009	6000	
MW-11	Acetone	3.0	ug/l	10/22/2009	6000	
MW-11	Chloromethane	0.7	ug/l	10/22/2009	70	
MW-12	Acetone	6.9	ug/l	4/23/2008	6000	
MW-12	Chloromethane	0.7	ug/l	10/22/2009	70	
MW-13	2-Butanone (Methyl ethyl ketone)	1.3	ug/l	10/22/2009	4000	
MW-13	Acetone	6.7	ug/l	4/23/2008	6000	
MW-13	Acetone	1.3	ug/l	10/16/2008	6000	
MW-13	Acetone	1.6	ug/l	10/22/2009	6000	
MW-13	Chloromethane	0.7	ug/l	10/22/2009	70	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-14	Acetone	5.5	ug/l	4/23/2008	6000	
MW-14	Acetone	1.3	ug/l	10/22/2009	6000	
MW-14	Chloromethane	1.0	ug/l	10/22/2009	70	
MW-15	2-Butanone (Methyl ethyl ketone)	1.7	ug/l	4/23/2008	4000	
MW-15	2-Butanone (Methyl ethyl ketone)	1.8	ug/l	10/16/2008	4000	
MW-15	2-Butanone (Methyl ethyl ketone)	1.0	ug/l	4/22/2009	4000	
MW-15	2-Butanone (Methyl ethyl ketone)	1.3	ug/l	10/22/2009	4000	
MW-15	2-Butanone (Methyl ethyl ketone)	9.9	ug/l	10/20/2010	4000	
MW-15	4-Methyl-2-Pentanone*	3.0	ug/l	4/23/2008	560	
MW-15	4-Methyl-2-Pentanone*	0.8	ug/l	10/16/2008	560	
MW-15	Acetone	23.0	ug/l	4/23/2008	6000	
MW-15	Acetone	4.8	ug/l	10/16/2008	6000	
MW-15	Acetone	1.7	ug/l	4/22/2009	6000	
MW-15	Acetone	1.7	ug/l	10/22/2009	6000	
MW-15	Acetone	144.0	ug/l	10/20/2010	6000	
MW-15	Acetone	10.4	ug/l	4/21/2011	6000	
MW-15	Chloromethane	0.7	ug/l	10/22/2009	70	
MW-15	Toluene	4.5	ug/l	4/23/2008	600	
MW-15	Toluene	149.0	ug/l	10/16/2008	600	
MW-15	Toluene	11.6	ug/l	4/22/2009	600	
MW-15	Toluene	2.6	ug/l	10/22/2009	600	
MW-15	Toluene	0.3	ug/l	4/21/2010	600	
MW-15	Toluene	28.6	ug/l	10/20/2010	600	
MW-15	Toluene	10.8	ug/l	4/11/2012	600	
MW-16	2-Butanone (Methyl ethyl ketone)	1.4	ug/l	10/22/2009	4000	
MW-16	Acetone	5.5	ug/l	4/23/2008	6000	
MW-16	Acetone	7.1	ug/l	4/22/2009	6000	
MW-16	Acetone	1.3	ug/l	10/22/2009	6000	
MW-16	**Dichloromethane (Methylene chloride)**	**29.4**	**ug/l**	**1/1/1995**	**5**	**24.4**
MW-2	1,1-Dichloroethane	0.4	ug/l	4/23/2008	6	
MW-2	1,1-Dichloroethane	0.3	ug/l	4/22/2009	6	
MW-2	1,1-Dichloroethane	0.4	ug/l	4/21/2010	6	
MW-2	1,1-Dichloroethane	0.4	ug/l	4/21/2011	6	
MW-2	1,1-Dichloroethane	0.2	ug/l	10/27/2011	6	
MW-2	1,1-Dichloroethane	0.6	ug/l	4/12/2012	6	
MW-2	1,1-Dichloroethane	0.3	ug/l	10/30/2012	6	
MW-2	1,1-Dichloroethane	0.4	ug/l	4/25/2013	6	
MW-2	1,1-Dichloroethane	0.3	ug/l	12/4/2013	6	
MW-2	1,1-Dichloroethane	0.3	ug/l	5/19/2014	6	
MW-2	1,1-Dichloroethane	0.2	ug/l	10/22/2014	6	
MW-2	Acetone	5.5	ug/l	4/23/2008	6000	
MW-2	Acetone	1.3	ug/l	10/16/2008	6000	
MW-2	Acetone	2.0	ug/l	10/22/2009	6000	
MW-2	Acetone	50.1	ug/l	12/4/2013	6000	
MW-2	Chloride	8000.0	ug/l	12/4/2013	250000	
MW-2	Chloride	9000.0	ug/l	5/19/2014	250000	
MW-2	Chloride	6300.0	ug/L	3/23/2015	250000	
MW-2	Chloromethane	0.7	ug/l	10/22/2009	70	
MW-2	cis-1,2-Dichloroethene (-ethylene)	0.3	ug/l	4/12/2012	70	
MW-2	cis-1,2-Dichloroethene (-ethylene)	0.3	ug/l	4/25/2013	70	
MW-2	cis-1,2-Dichloroethene (-ethylene)	0.4	ug/l	12/4/2013	70	
MW-2	Dichloromethane (Methylene chloride)	0.2	ug/l	10/16/2008	5	
MW-2	Diethylphthalate	13.0	ug/l	9/1/1995	6000	
MW-2	Methane	25.0	ug/l	12/4/2013	NE	
MW-2	Methane	4.0	ug/l	5/19/2014	NE	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-2	Methane	1.6	ug/L	3/23/2015	NE	
MW-2	Nitrate Nitrogen as N	26.0	ug/L	3/23/2015	10000	
MW-2	Sulfate	24000.0	ug/L	3/23/2015	250000	
MW-2	Sulfide, total	1400.0	ug/L	3/23/2015	NE	
MW-23B	2-Butanone (Methyl ethyl ketone)	1.0	ug/l	4/22/2009	4000	
MW-23B	2-Butanone (Methyl ethyl ketone)	1.8	ug/l	10/22/2009	4000	
MW-23B	Acetone	64.0	ug/l	10/1/1997	6000	
MW-23B	Acetone	6.0	ug/l	3/1/1999	6000	
MW-23B	Acetone	15.0	ug/l	10/1/1999	6000	
MW-23B	Acetone	5.5	ug/l	4/23/2008	6000	
MW-23B	Acetone	1.4	ug/l	10/22/2009	6000	
MW-23B	Chloromethane	0.9	ug/l	10/22/2009	70	
MW-3	Carbon Disulfide	64.4	ug/l	11/1/1994	700	
MW-31	2-Butanone (Methyl ethyl ketone)	1.4	ug/l	4/22/2009	4000	
MW-31	2-Butanone (Methyl ethyl ketone)	1.9	ug/l	10/22/2009	4000	
MW-31	Acetone	9.6	ug/l	4/23/2008	6000	
MW-31	Acetone	1.4	ug/l	10/16/2008	6000	
MW-31	Acetone	1.4	ug/l	4/22/2009	6000	
MW-31	Acetone	1.5	ug/l	10/22/2009	6000	
MW-31	Chloromethane	0.9	ug/l	10/22/2009	70	
MW-32	2-Butanone (Methyl ethyl ketone)	471.0	ug/l	1/1/1995	4000	
MW-32	2-Butanone (Methyl ethyl ketone)	0.9	ug/l	4/22/2009	4000	
MW-32	Acetone	15.0	ug/l	11/1/1994	6000	
MW-32	Acetone	7.0	ug/l	3/1/1995	6000	
MW-32	Acetone	6.0	ug/l	3/1/1999	6000	
MW-32	Acetone	5.0	ug/l	10/1/1999	6000	
MW-32	Acetone	6.1	ug/l	4/23/2008	6000	
MW-32	Acetone	1.3	ug/l	10/16/2008	6000	
MW-32	Acetone	1.3	ug/l	10/22/2009	6000	
MW-32	Chloromethane	0.7	ug/l	10/22/2009	70	
MW-33	1,1-Dichloroethane	0.7	ug/l	4/23/2008	6	
MW-33	1,1-Dichloroethane	0.6	ug/l	10/16/2008	6	
MW-33	1,1-Dichloroethane	0.5	ug/l	4/22/2009	6	
MW-33	1,1-Dichloroethane	0.4	ug/l	10/22/2009	6	
MW-33	1,1-Dichloroethane	0.6	ug/l	4/21/2010	6	
MW-33	1,1-Dichloroethane	0.5	ug/l	10/20/2010	6	
MW-33	1,1-Dichloroethane	0.3	ug/l	4/21/2011	6	
MW-33	1,1-Dichloroethane	0.4	ug/l	10/27/2011	6	
MW-33	1,1-Dichloroethane	0.5	ug/l	4/12/2012	6	
MW-33	1,1-Dichloroethane	0.4	ug/l	10/30/2012	6	
MW-33	1,1-Dichloroethane	0.4	ug/l	4/25/2013	6	
MW-33	1,1-Dichloroethane	0.4	ug/l	12/4/2013	6	
MW-33	1,1-Dichloroethane	0.3	ug/l	10/23/2014	6	
MW-33	1,2-Dichloropropane	0.3	ug/l	5/20/2014	0.6	
MW-33	2-Butanone (Methyl ethyl ketone)	2.6	ug/l	10/22/2009	4000	
MW-33	Acetone	6.0	ug/l	4/23/2008	6000	
MW-33	Acetone	1.6	ug/l	10/22/2009	6000	
MW-33	Acetone	16.0	ug/l	12/4/2013	6000	
MW-33	Benzene	0.2	ug/l	10/16/2008	1	
MW-33	Chloromethane	0.8	ug/l	10/22/2009	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.8	ug/l	10/1/1998	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.2	ug/l	3/1/1999	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.8	ug/l	10/1/1999	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.6	ug/l	4/23/2008	70	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.6	ug/l	10/16/2008	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.2	ug/l	4/22/2009	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.2	ug/l	10/22/2009	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.5	ug/l	4/21/2010	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.4	ug/l	10/20/2010	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	0.6	ug/l	4/21/2011	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.2	ug/l	10/27/2011	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.1	ug/l	4/12/2012	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.1	ug/l	10/30/2012	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.1	ug/l	4/25/2013	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	1.0	ug/l	12/4/2013	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	0.6	ug/l	10/23/2014	70	
MW-33	cis-1,2-Dichloroethene (-ethylene)	0.5	ug/l	10/21/2015	70	
MW-33	**cis-1,3-Dichloropropene (-propylene)**	**0.6**	**ug/l**	**5/20/2014**	**0.4**	**0.2**
MW-33	Dichloromethane (Methylene chloride)	0.2	ug/l	4/23/2008	5	
MW-33	Dichloromethane (Methylene chloride)	0.2	ug/l	10/16/2008	5	
MW-33	Dichloromethane (Methylene chloride)	0.3	ug/l	4/22/2009	5	
MW-33	**Vinyl chloride**	**0.4**	**ug/l**	**4/23/2008**	**0.03**	**0.37**
MW-34	Acetone	5.9	ug/l	4/23/2008	6000	
MW-34	Acetone	1.3	ug/l	10/16/2008	6000	
MW-34	Chloromethane	0.7	ug/l	10/22/2009	70	
MW-35	2-Butanone (Methyl ethyl ketone)	1.3	ug/l	10/22/2009	4000	
MW-35	Acetone	68.1	ug/l	4/1/1997	6000	
MW-35	Acetone	21.0	ug/l	10/1/1997	6000	
MW-35	Acetone	16.0	ug/l	10/1/1998	6000	
MW-35	Acetone	8.0	ug/l	3/1/1999	6000	
MW-35	Acetone	10.0	ug/l	10/1/1999	6000	
MW-35	Acetone	5.8	ug/l	4/23/2008	6000	
MW-35	Acetone	1.4	ug/l	10/16/2008	6000	
MW-35	Acetone	1.9	ug/l	10/22/2009	6000	
MW-35	Chloromethane	0.5	ug/l	10/22/2009	70	
MW-3R	Acetone	4.1	ug/l	4/23/2008	6000	
MW-3R	Chloromethane	0.4	ug/l	10/22/2009	70	
MW-4	2-Butanone (Methyl ethyl ketone)	1.0	ug/l	10/22/2009	4000	
MW-4	Acetone	4.8	ug/l	4/23/2008	6000	
MW-4	Acetone	1.3	ug/l	10/16/2008	6000	
MW-4	Carbon Disulfide	21.3	ug/l	11/1/1994	700	
MW-4	Carbon Disulfide	21.3	ug/l	1/1/1995	700	
MW-4	Carbon Disulfide	6.2	ug/l	3/1/1995	700	
MW-4	Chloromethane	0.7	ug/l	10/22/2009	70	
MW-4	Diethylphthalate	13.0	ug/l	12/1/1995	6000	
MW-4	Diethylphthalate	13.0	ug/l	7/1/1996	6000	
MW-5	2-Butanone (Methyl ethyl ketone)	1.2	ug/l	10/22/2009	4000	
MW-5	Acetone	3.8	ug/l	4/23/2008	6000	
MW-5	Acetone	1.3	ug/l	10/16/2008	6000	
MW-5	Acetone	1.7	ug/l	10/22/2009	6000	
MW-5	Benzene	0.3	ug/l	4/22/2009	1	
MW-5	Carbon Disulfide	30.5	ug/l	11/1/1994	700	
MW-5	Carbon Disulfide	6.8	ug/l	10/1/1999	700	
MW-5	Chloromethane	0.6	ug/l	10/22/2009	70	
MW-53	**1,1-Dichloroethane**	**15.6**	**ug/l**	**10/20/2010**	**6**	**9.6**
MW-53	**1,1-Dichloroethane**	**14.9**	**ug/l**	**4/21/2011**	**6**	**8.9**
MW-53	**1,1-Dichloroethane**	**9.8**	**ug/l**	**10/27/2011**	**6**	**3.8**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-53	**1,1-Dichloroethane**	**9.5**	**ug/l**	**4/12/2012**	**6**	**3.5**
MW-53	**1,1-Dichloroethane**	**6.7**	**ug/l**	**10/30/2012**	**6**	**0.7**
MW-53	1,1-Dichloroethane	5.5	ug/l	4/25/2013	6	
MW-53	**1,1-Dichloroethane**	**9.9**	**ug/l**	**12/4/2013**	**6**	**3.9**
MW-53	**1,1-Dichloroethane**	**7.9**	**ug/l**	**1/16/2014**	**6**	**1.9**
MW-53	1,1-Dichloroethane	3.0	ug/l	5/19/2014	6	
MW-53	**1,1-Dichloroethane**	**7.4**	**ug/l**	**10/22/2014**	**6**	**1.4**
MW-53	1,1-Dichloroethane	2.8	ug/L	3/23/2015	6	
MW-53	**1,1-Dichloroethane**	**6.1**	**ug/l**	**10/20/2015**	**6**	**0.1**
MW-53	1,2-Dichloroethane	0.3	ug/l	4/21/2011	0.4	
MW-53	1,2-Dichloroethane	0.4	ug/l	4/12/2012	0.4	
MW-53	1,4-Dichlorobenzene	1.3	ug/l	10/20/2010	6	
MW-53	1,4-Dichlorobenzene	3.1	ug/l	4/21/2011	6	
MW-53	1,4-Dichlorobenzene	2.9	ug/l	10/27/2011	6	
MW-53	1,4-Dichlorobenzene	4.4	ug/l	4/12/2012	6	
MW-53	1,4-Dichlorobenzene	3.0	ug/l	10/30/2012	6	
MW-53	1,4-Dichlorobenzene	3.6	ug/l	4/25/2013	6	
MW-53	1,4-Dichlorobenzene	4.8	ug/l	12/4/2013	6	
MW-53	1,4-Dichlorobenzene	3.9	ug/l	1/16/2014	6	
MW-53	1,4-Dichlorobenzene	2.5	ug/l	5/19/2014	6	
MW-53	1,4-Dichlorobenzene	2.5	ug/l	10/22/2014	6	
MW-53	1,4-Dichlorobenzene	2.7	ug/L	3/23/2015	6	
MW-53	2-Butanone (Methyl ethyl ketone)	2.5	ug/l	4/25/2013	4000	
MW-53	Acetone	11.2	ug/l	4/12/2012	6000	
MW-53	Acetone	17.8	ug/l	10/30/2012	6000	
MW-53	Acetone	174.0	ug/l	4/25/2013	6000	
MW-53	Acetone	215.0	ug/l	12/4/2013	6000	
MW-53	Acetone	34.7	ug/l	1/16/2014	6000	
MW-53	Acetone	104.0	ug/l	5/19/2014	6000	
MW-53	Acetone	9.7	ug/l	10/22/2014	6000	
MW-53	Acetone	93.0	ug/L	3/23/2015	6000	
MW-53	Acetone	12.5	ug/l	10/20/2015	6000	
MW-53	Benzene	0.7	ug/l	10/20/2010	1	
MW-53	**Benzene**	**5.1**	**ug/l**	**4/21/2011**	**1**	**4.1**
MW-53	**Benzene**	**3.4**	**ug/l**	**10/27/2011**	**1**	**2.4**
MW-53	**Benzene**	**4.6**	**ug/l**	**4/12/2012**	**1**	**3.6**
MW-53	**Benzene**	**1.9**	**ug/l**	**10/30/2012**	**1**	**0.9**
MW-53	**Benzene**	**3.8**	**ug/l**	**4/25/2013**	**1**	**2.8**
MW-53	**Benzene**	**4.8**	**ug/l**	**12/4/2013**	**1**	**3.8**
MW-53	**Benzene**	**3.6**	**ug/l**	**1/16/2014**	**1**	**2.6**
MW-53	**Benzene**	**2.3**	**ug/l**	**5/19/2014**	**1**	**1.3**
MW-53	**Benzene**	**3.3**	**ug/l**	**10/22/2014**	**1**	**2.3**
MW-53	**Benzene**	**2.5**	**ug/L**	**3/23/2015**	**1**	**1.5**
MW-53	**Benzene**	**3.8**	**ug/l**	**10/20/2015**	**1**	**2.8**
MW-53	Chlorobenzene	0.5	ug/l	4/21/2011	50	
MW-53	Chlorobenzene	0.5	ug/l	10/27/2011	50	
MW-53	Chlorobenzene	0.6	ug/l	4/12/2012	50	
MW-53	Chlorobenzene	0.7	ug/l	4/25/2013	50	
MW-53	Chlorobenzene	2.0	ug/l	12/4/2013	50	
MW-53	Chlorobenzene	1.4	ug/l	1/16/2014	50	
MW-53	Chlorobenzene	1.0	ug/l	5/19/2014	50	
MW-53	Chlorobenzene	1.1	ug/l	10/22/2014	50	
MW-53	Chlorobenzene	0.9	ug/L	3/23/2015	50	
MW-53	Chlorobenzene	2.0	ug/l	10/20/2015	50	
MW-53	Chloroethane	1.5	ug/l	10/20/2010	3000	
MW-53	Chloroethane	1.3	ug/l	4/21/2011	3000	
MW-53	Chloroethane	0.6	ug/l	10/27/2011	3000	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-53	Chloroethane	2.6	ug/l	10/30/2012	3000	
MW-53	Chloroethane	2.6	ug/l	4/25/2013	3000	
MW-53	Chloroethane	0.9	ug/l	5/19/2014	3000	
MW-53	Chloroethane	0.8	ug/l	10/22/2014	3000	
MW-53	cis-1,2-Dichloroethene (-ethylene)	4.6	ug/l	10/20/2010	70	
MW-53	cis-1,2-Dichloroethene (-ethylene)	11.0	ug/l	4/21/2011	70	
MW-53	cis-1,2-Dichloroethene (-ethylene)	6.5	ug/l	10/27/2011	70	
MW-53	cis-1,2-Dichloroethene (-ethylene)	7.0	ug/l	4/12/2012	70	
MW-53	cis-1,2-Dichloroethene (-ethylene)	5.1	ug/l	10/30/2012	70	
MW-53	cis-1,2-Dichloroethene (-ethylene)	5.0	ug/l	4/25/2013	70	
MW-53	cis-1,2-Dichloroethene (-ethylene)	10.7	ug/l	12/4/2013	70	
MW-53	cis-1,2-Dichloroethene (-ethylene)	5.1	ug/l	1/16/2014	70	
MW-53	cis-1,2-Dichloroethene (-ethylene)	1.8	ug/l	5/19/2014	70	
MW-53	cis-1,2-Dichloroethene (-ethylene)	4.6	ug/l	10/22/2014	70	
MW-53	cis-1,2-Dichloroethene (-ethylene)	1.5	ug/L	3/23/2015	70	
MW-53	cis-1,2-Dichloroethene (-ethylene)	5.7	ug/l	10/20/2015	70	
MW-53	**Dichloromethane (Methylene chloride)**	**14.2**	**ug/l**	**10/20/2010**	**5**	**9.2**
MW-53	**Dichloromethane (Methylene chloride)**	**28.2**	**ug/l**	**4/21/2011**	**5**	**23.2**
MW-53	Dichloromethane (Methylene chloride)	1.5	ug/l	10/27/2011	5	
MW-53	**Dichloromethane (Methylene chloride)**	**14.3**	**ug/l**	**4/12/2012**	**5**	**9.3**
MW-53	Dichloromethane (Methylene chloride)	2.6	ug/l	10/30/2012	5	
MW-53	Dichloromethane (Methylene chloride)	5.0	ug/l	4/25/2013	5	
MW-53	**Dichloromethane (Methylene chloride)**	**14.6**	**ug/l**	**12/4/2013**	**5**	**9.6**
MW-53	**Dichloromethane (Methylene chloride)**	**5.6**	**ug/l**	**1/16/2014**	**5**	**0.6**
MW-53	Dichloromethane (Methylene chloride)	2.3	ug/l	5/19/2014	5	
MW-53	**Dichloromethane (Methylene chloride)**	**7.3**	**ug/l**	**10/22/2014**	**5**	**2.3**
MW-53	Dichloromethane (Methylene chloride)	0.9	ug/L	3/23/2015	5	
MW-53	**Dichloromethane (Methylene chloride)**	**9.4**	**ug/l**	**10/20/2015**	**5**	**4.4**
MW-53	**Tetrachloroethene (-ethylene)**	**1.2**	**ug/l**	**10/20/2010**	**0.7**	**0.5**
MW-53	**Tetrachloroethene (-ethylene)**	**1.1**	**ug/l**	**4/21/2011**	**0.7**	**0.4**
MW-53	**Tetrachloroethene (-ethylene)**	**0.9**	**ug/l**	**10/27/2011**	**0.7**	**0.2**
MW-53	Tetrachloroethene (-ethylene)	0.5	ug/l	4/12/2012	0.7	
MW-53	Tetrachloroethene (-ethylene)	0.7	ug/l	10/30/2012	0.7	
MW-53	Tetrachloroethene (-ethylene)	0.4	ug/l	4/25/2013	0.7	
MW-53	**Tetrachloroethene (-ethylene)**	**0.9**	**ug/l**	**12/4/2013**	**0.7**	**0.2**
MW-53	**Tetrachloroethene (-ethylene)**	**0.9**	**ug/l**	**1/16/2014**	**0.7**	**0.2**
MW-53	Tetrachloroethene (-ethylene)	0.6	ug/l	5/19/2014	0.7	
MW-53	Tetrachloroethene (-ethylene)	0.6	ug/l	10/22/2014	0.7	
MW-53	**Tetrachloroethene (-ethylene)**	**0.8**	**ug/L**	**3/23/2015**	**0.7**	**0.06**
MW-53	Tetrachloroethene (-ethylene)	0.4	ug/l	10/20/2015	0.7	
MW-53	Tetrahydrofuran	0.4	ug/l	4/21/2011	NE	
MW-53	Tetrahydrofuran	3.2	ug/l	4/12/2012	NE	
MW-53	Tetrahydrofuran	2.0	ug/l	10/30/2012	NE	
MW-53	Tetrahydrofuran	1.0	ug/l	4/25/2013	NE	
MW-53	Tetrahydrofuran	3.2	ug/l	10/22/2014	NE	
MW-53	Toluene	1.0	ug/l	12/4/2013	600	
MW-53	Trichloroethene (-ethylene)	1.5	ug/l	10/20/2010	3	
MW-53	Trichloroethene (-ethylene)	1.5	ug/l	4/21/2011	3	
MW-53	Trichloroethene (-ethylene)	1.1	ug/l	10/27/2011	3	
MW-53	Trichloroethene (-ethylene)	0.7	ug/l	4/12/2012	3	
MW-53	Trichloroethene (-ethylene)	1.0	ug/l	10/30/2012	3	
MW-53	Trichloroethene (-ethylene)	0.7	ug/l	4/25/2013	3	
MW-53	Trichloroethene (-ethylene)	1.2	ug/l	12/4/2013	3	
MW-53	Trichloroethene (-ethylene)	0.8	ug/l	1/16/2014	3	
MW-53	Trichloroethene (-ethylene)	0.4	ug/l	5/19/2014	3	
MW-53	Trichloroethene (-ethylene)	0.7	ug/l	10/22/2014	3	
MW-53	Trichloroethene (-ethylene)	0.6	ug/l	10/20/2015	3	

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Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-53	Trichlorofluoromethane	0.3	ug/l	12/4/2013	2000	
MW-53	**Vinyl chloride**	**1.3**	**ug/l**	**10/20/2010**	**0.03**	**1.27**
MW-53	**Vinyl chloride**	**2.1**	**ug/l**	**4/21/2011**	**0.03**	**2.07**
MW-53	**Vinyl chloride**	**2.1**	**ug/l**	**10/27/2011**	**0.03**	**2.07**
MW-53	**Vinyl chloride**	**1.1**	**ug/l**	**4/12/2012**	**0.03**	**1.07**
MW-53	**Vinyl chloride**	**1.4**	**ug/l**	**10/30/2012**	**0.03**	**1.37**
MW-53	**Vinyl chloride**	**1.1**	**ug/l**	**4/25/2013**	**0.03**	**1.07**
MW-53	**Vinyl chloride**	**1.2**	**ug/l**	**12/4/2013**	**0.03**	**1.17**
MW-53	**Vinyl chloride**	**1.1**	**ug/l**	**1/16/2014**	**0.03**	**1.07**
MW-53	**Vinyl chloride**	**1.1**	**ug/l**	**5/19/2014**	**0.03**	**1.07**
MW-53	**Vinyl chloride**	**1.2**	**ug/l**	**10/22/2014**	**0.03**	**1.17**
MW-53	**Vinyl chloride**	**1.5**	**ug/l**	**10/20/2015**	**0.03**	**1.47**
MW-53	Xylene	0.8	ug/l	4/21/2011	500	
MW-56	1,1-Dichloroethane	0.3	ug/l	4/21/2011	6	
MW-56	1,1-Dichloroethane	0.2	ug/l	4/12/2012	6	
MW-56	1,1-Dichloroethane	0.2	ug/l	4/25/2013	6	
MW-56	1,1-Dichloroethane	0.6	ug/L	3/23/2015	6	
MW-56	Acetone	14.0	ug/l	4/25/2013	6000	
MW-56	Acetone	25.2	ug/l	12/4/2013	6000	
MW-56	cis-1,2-Dichloroethene (-ethylene)	0.3	ug/l	4/21/2011	70	
MW-57	1,1-Dichloroethane	4.6	ug/l	10/20/2010	6	
MW-57	1,1-Dichloroethane	3.5	ug/l	4/21/2011	6	
MW-57	1,1-Dichloroethane	4.2	ug/l	10/27/2011	6	
MW-57	1,1-Dichloroethane	3.1	ug/l	4/12/2012	6	
MW-57	1,1-Dichloroethane	3.6	ug/l	10/30/2012	6	
MW-57	1,1-Dichloroethane	2.7	ug/l	4/25/2013	6	
MW-57	1,1-Dichloroethane	2.4	ug/l	12/4/2013	6	
MW-57	1,1-Dichloroethane	1.5	ug/l	5/19/2014	6	
MW-57	1,1-Dichloroethane	2.5	ug/l	10/22/2014	6	
MW-57	1,1-Dichloroethane	2.4	ug/L	3/23/2015	6	
MW-57	1,1-Dichloroethane	1.9	ug/l	10/20/2015	6	
MW-57	1,4-Dichlorobenzene	0.9	ug/l	10/20/2010	6	
MW-57	1,4-Dichlorobenzene	1.0	ug/l	4/21/2011	6	
MW-57	1,4-Dichlorobenzene	0.6	ug/l	10/27/2011	6	
MW-57	1,4-Dichlorobenzene	1.0	ug/l	4/12/2012	6	
MW-57	1,4-Dichlorobenzene	1.3	ug/l	10/30/2012	6	
MW-57	1,4-Dichlorobenzene	1.0	ug/l	4/25/2013	6	
MW-57	1,4-Dichlorobenzene	1.0	ug/l	12/4/2013	6	
MW-57	1,4-Dichlorobenzene	1.2	ug/l	5/19/2014	6	
MW-57	1,4-Dichlorobenzene	2.3	ug/L	3/23/2015	6	
MW-57	1,4-Dichlorobenzene	2.2	ug/l	10/20/2015	6	
MW-57	Acetone	75.9	ug/l	4/12/2012	6000	
MW-57	Acetone	33.9	ug/l	12/4/2013	6000	
MW-57	Acetone	4.2	ug/L	3/23/2015	6000	
MW-57	**Benzene**	**2.0**	**ug/l**	**10/20/2010**	**1**	**1**
MW-57	Benzene	0.9	ug/l	4/21/2011	1	
MW-57	Benzene	0.9	ug/l	10/27/2011	1	
MW-57	**Benzene**	**1.6**	**ug/l**	**4/12/2012**	**1**	**0.6**
MW-57	**Benzene**	**1.7**	**ug/l**	**10/30/2012**	**1**	**0.7**
MW-57	**Benzene**	**1.5**	**ug/l**	**4/25/2013**	**1**	**0.5**
MW-57	**Benzene**	**1.5**	**ug/l**	**12/4/2013**	**1**	**0.5**
MW-57	**Benzene**	**2.1**	**ug/l**	**5/19/2014**	**1**	**1.1**
MW-57	**Benzene**	**2.1**	**ug/l**	**10/22/2014**	**1**	**1.1**
MW-57	**Benzene**	**2.8**	**ug/L**	**3/23/2015**	**1**	**1.8**
MW-57	**Benzene**	**2.1**	**ug/l**	**10/20/2015**	**1**	**1.1**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-57	Chlorobenzene	0.3	ug/l	10/20/2015	50	
MW-57	Chloroethane	1.3	ug/l	10/20/2010	3000	
MW-57	Chloroethane	0.9	ug/l	4/21/2011	3000	
MW-57	Chloroethane	0.5	ug/l	10/27/2011	3000	
MW-57	Chloroethane	1.1	ug/l	4/12/2012	3000	
MW-57	Chloroethane	1.2	ug/l	10/30/2012	3000	
MW-57	Chloroethane	0.9	ug/l	4/25/2013	3000	
MW-57	Chloroethane	0.8	ug/l	10/22/2014	3000	
MW-57	Chloroethane	0.5	ug/L	3/23/2015	3000	
MW-57	cis-1,2-Dichloroethene (-ethylene)	9.3	ug/l	10/20/2010	70	
MW-57	cis-1,2-Dichloroethene (-ethylene)	8.3	ug/l	4/21/2011	70	
MW-57	cis-1,2-Dichloroethene (-ethylene)	4.3	ug/l	10/27/2011	70	
MW-57	cis-1,2-Dichloroethene (-ethylene)	6.3	ug/l	4/12/2012	70	
MW-57	cis-1,2-Dichloroethene (-ethylene)	5.8	ug/l	10/30/2012	70	
MW-57	cis-1,2-Dichloroethene (-ethylene)	6.0	ug/l	4/25/2013	70	
MW-57	cis-1,2-Dichloroethene (-ethylene)	4.7	ug/l	12/4/2013	70	
MW-57	cis-1,2-Dichloroethene (-ethylene)	5.1	ug/l	5/19/2014	70	
MW-57	cis-1,2-Dichloroethene (-ethylene)	5.7	ug/l	10/22/2014	70	
MW-57	cis-1,2-Dichloroethene (-ethylene)	5.3	ug/L	3/23/2015	70	
MW-57	cis-1,2-Dichloroethene (-ethylene)	4.2	ug/l	10/20/2015	70	
MW-57	Dichloromethane (Methylene chloride)	0.7	ug/l	10/20/2010	5	
MW-57	Dichloromethane (Methylene chloride)	1.6	ug/l	10/27/2011	5	
MW-57	Dichloromethane (Methylene chloride)	0.7	ug/l	10/30/2012	5	
MW-57	Tetrachloroethene (-ethylene)	0.4	ug/l	10/20/2010	0.7	
MW-57	Tetrachloroethene (-ethylene)	0.3	ug/l	4/21/2011	0.7	
MW-57	Tetrachloroethene (-ethylene)	0.3	ug/l	10/27/2011	0.7	
MW-57	Tetrachloroethene (-ethylene)	0.3	ug/l	4/12/2012	0.7	
MW-57	Tetrahydrofuran	0.5	ug/l	10/27/2011	NE	
MW-57	Trichloroethene (-ethylene)	1.1	ug/l	10/20/2010	3	
MW-57	Trichloroethene (-ethylene)	1.0	ug/l	4/21/2011	3	
MW-57	Trichloroethene (-ethylene)	0.7	ug/l	10/27/2011	3	
MW-57	Trichloroethene (-ethylene)	0.8	ug/l	4/12/2012	3	
MW-57	Trichloroethene (-ethylene)	0.7	ug/l	10/30/2012	3	
MW-57	Trichloroethene (-ethylene)	0.6	ug/l	4/25/2013	3	
MW-57	Trichloroethene (-ethylene)	0.5	ug/l	12/4/2013	3	
MW-57	Trichloroethene (-ethylene)	0.4	ug/l	5/19/2014	3	
MW-57	Trichloroethene (-ethylene)	0.5	ug/l	10/22/2014	3	
MW-57	**Vinyl chloride**	**1.2**	**ug/l**	**10/20/2010**	**0.03**	**1.17**
MW-57	**Vinyl chloride**	**1.2**	**ug/l**	**4/21/2011**	**0.03**	**1.17**
MW-57	**Vinyl chloride**	**1.2**	**ug/l**	**4/12/2012**	**0.03**	**1.17**
MW-57	**Vinyl chloride**	**1.2**	**ug/l**	**10/30/2012**	**0.03**	**1.17**
MW-57	**Vinyl chloride**	**1.2**	**ug/l**	**4/25/2013**	**0.03**	**1.17**
MW-57	**Vinyl chloride**	**0.7**	**ug/l**	**12/4/2013**	**0.03**	**0.67**
MW-57	**Vinyl chloride**	**1.1**	**ug/l**	**5/19/2014**	**0.03**	**1.07**
MW-58	1,1-Dichloroethane	2.0	ug/l	10/20/2010	6	
MW-58	1,1-Dichloroethane	1.6	ug/l	4/21/2011	6	
MW-58	1,1-Dichloroethane	1.8	ug/l	10/27/2011	6	
MW-58	1,1-Dichloroethane	2.0	ug/l	4/12/2012	6	
MW-58	1,1-Dichloroethane	2.3	ug/l	10/30/2012	6	
MW-58	1,1-Dichloroethane	2.2	ug/l	4/25/2013	6	
MW-58	Tetrachloroethene (-ethylene)	0.4	ug/l	10/20/2010	0.7	
MW-58	Tetrachloroethene (-ethylene)	0.2	ug/l	4/21/2011	0.7	
MW-58	Tetrachloroethene (-ethylene)	0.2	ug/l	10/27/2011	0.7	
MW-58	Tetrachloroethene (-ethylene)	0.3	ug/l	4/12/2012	0.7	
MW-58	Tetrachloroethene (-ethylene)	0.2	ug/l	10/30/2012	0.7	
MW-58	Tetrachloroethene (-ethylene)	0.2	ug/l	4/25/2013	0.7	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-58	Trichloroethene (-ethylene)	0.3	ug/l	4/12/2012	3	
MW-58	Trichloroethene (-ethylene)	0.4	ug/l	10/30/2012	3	
MW-58	Trichloroethene (-ethylene)	0.3	ug/l	4/25/2013	3	
MW-59	1,1-Dichloroethane	0.7	ug/l	10/20/2010	6	
MW-59	1,1-Dichloroethane	0.7	ug/l	4/21/2011	6	
MW-59	1,1-Dichloroethane	0.7	ug/l	10/27/2011	6	
MW-59	1,1-Dichloroethane	0.6	ug/l	4/12/2012	6	
MW-59	1,1-Dichloroethane	0.4	ug/l	10/30/2012	6	
MW-59	1,1-Dichloroethane	0.5	ug/l	4/25/2013	6	
MW-59	Acetone	15.9	ug/l	10/20/2010	6000	
MW-59	Acetone	11.3	ug/l	4/12/2012	6000	
MW-59	Acetone	12.4	ug/l	10/30/2012	6000	
MW-59	Benzene	1.0	ug/l	10/20/2010	1	
MW-59	Benzene	1.0	ug/l	4/21/2011	1	
MW-59	Benzene	1.0	ug/l	10/27/2011	1	
MW-59	Benzene	0.8	ug/l	4/12/2012	1	
MW-59	Benzene	0.6	ug/l	10/30/2012	1	
MW-59	Benzene	0.7	ug/l	4/25/2013	1	
MW-59	Chloroethane	0.6	ug/l	10/20/2010	3000	
MW-59	Chloroethane	0.7	ug/l	4/12/2012	3000	
MW-59	cis-1,2-Dichloroethene (-ethylene)	3.0	ug/l	10/20/2010	70	
MW-59	cis-1,2-Dichloroethene (-ethylene)	3.9	ug/l	4/21/2011	70	
MW-59	cis-1,2-Dichloroethene (-ethylene)	3.7	ug/l	10/27/2011	70	
MW-59	cis-1,2-Dichloroethene (-ethylene)	3.0	ug/l	4/12/2012	70	
MW-59	cis-1,2-Dichloroethene (-ethylene)	2.7	ug/l	10/30/2012	70	
MW-59	cis-1,2-Dichloroethene (-ethylene)	3.1	ug/l	4/25/2013	70	
MW-59	Trichloroethene (-ethylene)	0.5	ug/l	10/20/2010	3	
MW-59	Trichloroethene (-ethylene)	0.4	ug/l	4/21/2011	3	
MW-59	Trichloroethene (-ethylene)	0.4	ug/l	10/27/2011	3	
MW-59	Trichloroethene (-ethylene)	0.3	ug/l	4/12/2012	3	
MW-59	Trichloroethene (-ethylene)	0.3	ug/l	10/30/2012	3	
MW-59	**Vinyl chloride**	**0.7**	**ug/l**	**4/21/2011**	**0.03**	**0.67**
MW-59	**Vinyl chloride**	**1.0**	**ug/l**	**10/27/2011**	**0.03**	**0.97**
MW-59	**Vinyl chloride**	**0.8**	**ug/l**	**4/12/2012**	**0.03**	**0.77**
MW-59	**Vinyl chloride**	**0.8**	**ug/l**	**10/30/2012**	**0.03**	**0.77**
MW-6	1,1,1-Trichloroethane	15.4	ug/l	10/1/1994	200	
MW-6	1,1,1-Trichloroethane	16.0	ug/l	11/1/1994	200	
MW-6	1,1,1-Trichloroethane	15.1	ug/l	1/1/1995	200	
MW-6	1,1,1-Trichloroethane	8.3	ug/l	3/1/1995	200	
MW-6	1,1,1-Trichloroethane	10.0	ug/l	9/1/1995	200	
MW-6	1,1,1-Trichloroethane	13.0	ug/l	2/1/1996	200	
MW-6	1,1,1-Trichloroethane	7.1	ug/l	4/1/1996	200	
MW-6	1,1,1-Trichloroethane	7.2	ug/l	4/1/1997	200	
MW-6	1,1,1-Trichloroethane	2.4	ug/l	3/1/1999	200	
MW-6	**1,1-Dichloroethane**	**78.9**	**ug/l**	**10/1/1994**	**6**	**72.9**
MW-6	**1,1-Dichloroethane**	**105.0**	**ug/l**	**1/1/1995**	**6**	**99**
MW-6	**1,1-Dichloroethane**	**67.0**	**ug/l**	**9/1/1995**	**6**	**61**
MW-6	**1,1-Dichloroethane**	**66.0**	**ug/l**	**2/1/1996**	**6**	**60**
MW-6	**1,1-Dichloroethane**	**61.0**	**ug/l**	**4/1/1996**	**6**	**55**
MW-6	**1,1-Dichloroethane**	**80.0**	**ug/l**	**10/1/1996**	**6**	**74**
MW-6	**1,1-Dichloroethane**	**134.0**	**ug/l**	**4/1/1997**	**6**	**128**
MW-6	**1,1-Dichloroethane**	**160.0**	**ug/l**	**10/1/1997**	**6**	**154**
MW-6	**1,1-Dichloroethane**	**30.1**	**ug/l**	**4/1/1998**	**6**	**24.1**
MW-6	**1,1-Dichloroethane**	**88.0**	**ug/l**	**3/1/1999**	**6**	**82**
MW-6	**1,1-Dichloroethane**	**64.0**	**ug/l**	**10/1/1999**	**6**	**58**
MW-6	**1,1-Dichloroethane**	**41.0**	**ug/l**	**4/1/2000**	**6**	**35**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-6	**1,1-Dichloroethane**	**37.0**	**ug/l**	**10/1/2000**	**6**	**31**
MW-6	**1,1-Dichloroethane**	**27.0**	**ug/l**	**10/1/2001**	**6**	**21**
MW-6	**1,1-Dichloroethane**	**28.0**	**ug/l**	**4/1/2002**	**6**	**22**
MW-6	**1,1-Dichloroethane**	**27.7**	**ug/l**	**10/1/2002**	**6**	**21.7**
MW-6	**1,1-Dichloroethane**	**6.6**	**ug/l**	**4/1/2003**	**6**	**0.6**
MW-6	**1,1-Dichloroethane**	**18.4**	**ug/l**	**10/1/2003**	**6**	**12.4**
MW-6	**1,1-Dichloroethane**	**13.1**	**ug/l**	**4/1/2004**	**6**	**7.1**
MW-6	**1,1-Dichloroethane**	**7.4**	**ug/l**	**10/1/2004**	**6**	**1.4**
MW-6	**1,1-Dichloroethane**	**8.9**	**ug/l**	**4/1/2005**	**6**	**2.9**
MW-6	**1,1-Dichloroethane**	**33.2**	**ug/l**	**10/1/2005**	**6**	**27.2**
MW-6	**1,1-Dichloroethane**	**18.6**	**ug/l**	**4/1/2006**	**6**	**12.6**
MW-6	**1,1-Dichloroethane**	**18.4**	**ug/l**	**10/1/2006**	**6**	**12.4**
MW-6	**1,1-Dichloroethane**	**13.9**	**ug/l**	**5/1/2007**	**6**	**7.9**
MW-6	**1,1-Dichloroethane**	**22.7**	**ug/l**	**10/1/2007**	**6**	**16.7**
MW-6	**1,1-Dichloroethane**	**9.2**	**ug/l**	**4/23/2008**	**6**	**3.2**
MW-6	**1,1-Dichloroethane**	**8.4**	**ug/l**	**10/16/2008**	**6**	**2.4**
MW-6	1,1-Dichloroethane	2.5	ug/l	4/22/2009	6	
MW-6	1,1-Dichloroethane	4.7	ug/l	10/22/2009	6	
MW-6	1,1-Dichloroethane	3.6	ug/l	4/21/2010	6	
MW-6	**1,1-Dichloroethene (-ethylene)**	**83.2**	**ug/l**	**1/1/1995**	**7**	**76.2**
MW-6	1,1-Dichloroethene (-ethylene)	1.4	ug/l	3/1/1999	7	
MW-6	1,1-Dichloroethene (-ethylene)	0.3	ug/l	4/23/2008	7	
MW-6	1,1-Dichloroethene (-ethylene)	0.2	ug/l	10/16/2008	7	
MW-6	**1,2-Dibromoethane; Ethylene dibromide**	**87.1**	**ug/l**	**3/1/1995**	**0.02**	**87.08**
MW-6	1,2-Dichloroethane	0.4	ug/l	4/23/2008	0.4	
MW-6	1,2-Dichloroethane	0.2	ug/l	10/16/2008	0.4	
MW-6	1,2-Dichloroethane	0.3	ug/l	10/22/2009	0.4	
MW-6	**1,4-Dichlorobenzene**	**7.2**	**ug/l**	**4/1/2001**	**6**	**1.2**
MW-6	**1,4-Dichlorobenzene**	**6.9**	**ug/l**	**10/1/2005**	**6**	**0.9**
MW-6	1,4-Dichlorobenzene	3.2	ug/l	5/1/2007	6	
MW-6	**1,4-Dichlorobenzene**	**7.7**	**ug/l**	**10/1/2007**	**6**	**1.7**
MW-6	**1,4-Dichlorobenzene**	**7.4**	**ug/l**	**4/23/2008**	**6**	**1.4**
MW-6	1,4-Dichlorobenzene	5.0	ug/l	10/16/2008	6	
MW-6	1,4-Dichlorobenzene	4.7	ug/l	4/22/2009	6	
MW-6	1,4-Dichlorobenzene	4.4	ug/l	10/22/2009	6	
MW-6	1,4-Dichlorobenzene	5.2	ug/l	4/21/2010	6	
MW-6	2-Butanone (Methyl ethyl ketone)	2.1	ug/l	4/23/2008	4000	
MW-6	2-Butanone (Methyl ethyl ketone)	1.2	ug/l	10/16/2008	4000	
MW-6	2-Butanone (Methyl ethyl ketone)	1.0	ug/l	4/22/2009	4000	
MW-6	2-Butanone (Methyl ethyl ketone)	1.6	ug/l	10/22/2009	4000	
MW-6	Acetone	170.0	ug/l	4/1/2000	6000	
MW-6	Acetone	17.2	ug/l	4/23/2008	6000	
MW-6	Acetone	3.7	ug/l	10/16/2008	6000	
MW-6	Acetone	1.8	ug/l	4/22/2009	6000	
MW-6	Acetone	3.2	ug/l	10/22/2009	6000	
MW-6	**Benzene**	**2.7**	**ug/l**	**3/1/1999**	**1**	**1.7**
MW-6	**Benzene**	**3.4**	**ug/l**	**10/1/1999**	**1**	**2.4**
MW-6	**Benzene**	**9.5**	**ug/l**	**4/1/2001**	**1**	**8.5**
MW-6	**Benzene**	**6.1**	**ug/l**	**10/1/2007**	**1**	**5.1**
MW-6	**Benzene**	**4.2**	**ug/l**	**4/23/2008**	**1**	**3.2**
MW-6	**Benzene**	**4.9**	**ug/l**	**10/16/2008**	**1**	**3.9**
MW-6	**Benzene**	**2.4**	**ug/l**	**4/22/2009**	**1**	**1.4**
MW-6	**Benzene**	**3.3**	**ug/l**	**4/21/2010**	**1**	**2.3**
MW-6	**bis (2-Ethylhexyl) Phthalate**	**6.8**	**ug/l**	**7/1/1996**	**3**	**3.8**
MW-6	Carbon Disulfide	7.9	ug/l	11/1/1994	700	
MW-6	**Carbon tetrachloride**	**2.9**	**ug/l**	**10/22/2009**	**0.3**	**2.6**
MW-6	Chlorobenzene	4.0	ug/l	11/1/1994	50	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-6	Chlorobenzene	8.5	ug/l	1/1/1995	50	
MW-6	Chlorobenzene	13.0	ug/l	4/1/1997	50	
MW-6	Chlorobenzene	24.0	ug/l	10/1/1997	50	
MW-6	**Chlorobenzene**	**70.0**	**ug/l**	**10/1/1998**	**50**	**20**
MW-6	Chlorobenzene	11.0	ug/l	3/1/1999	50	
MW-6	Chlorobenzene	5.1	ug/l	10/1/1999	50	
MW-6	Chlorobenzene	0.5	ug/l	4/23/2008	50	
MW-6	Chlorobenzene	0.5	ug/l	10/16/2008	50	
MW-6	Chlorobenzene	0.2	ug/l	4/22/2009	50	
MW-6	Chlorobenzene	0.4	ug/l	10/22/2009	50	
MW-6	Chloroethane	38.0	ug/l	9/1/1995	3000	
MW-6	Chloroethane	40.0	ug/l	2/1/1996	3000	
MW-6	Chloroethane	40.0	ug/l	4/1/1996	3000	
MW-6	Chloroethane	64.0	ug/l	10/1/1996	3000	
MW-6	Chloroethane	91.0	ug/l	4/1/1997	3000	
MW-6	Chloroethane	46.0	ug/l	10/1/1997	3000	
MW-6	Chloroethane	28.6	ug/l	4/1/1998	3000	
MW-6	Chloroethane	190.0	ug/l	10/1/1998	3000	
MW-6	Chloroethane	44.0	ug/l	3/1/1999	3000	
MW-6	Chloroethane	53.0	ug/l	10/1/1999	3000	
MW-6	Chloroethane	53.0	ug/l	4/1/2000	3000	
MW-6	Chloroethane	21.0	ug/l	10/1/2000	3000	
MW-6	Chloroethane	78.0	ug/l	4/1/2001	3000	
MW-6	Chloroethane	17.0	ug/l	10/1/2001	3000	
MW-6	Chloroethane	19.0	ug/l	4/1/2002	3000	
MW-6	Chloroethane	15.9	ug/l	4/1/2004	3000	
MW-6	Chloroethane	12.3	ug/l	10/1/2005	3000	
MW-6	Chloroethane	4.2	ug/l	4/23/2008	3000	
MW-6	Chloroethane	5.1	ug/l	10/16/2008	3000	
MW-6	Chloroethane	1.3	ug/l	10/22/2009	3000	
MW-6	Chloroethane	1.4	ug/l	4/21/2010	3000	
MW-6	Chloromethane	46.0	ug/l	4/1/2000	70	
MW-6	Chloromethane	0.6	ug/l	10/22/2009	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	51.7	ug/l	11/1/1994	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	1.9	ug/l	3/1/1999	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	2.6	ug/l	10/1/1999	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	13.0	ug/l	4/1/2001	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	5.8	ug/l	4/1/2002	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	17.3	ug/l	10/1/2005	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	11.9	ug/l	4/1/2006	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	12.8	ug/l	10/1/2006	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	12.6	ug/l	5/1/2007	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	23.1	ug/l	10/1/2007	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	31.4	ug/l	4/23/2008	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	41.2	ug/l	10/16/2008	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	12.5	ug/l	4/22/2009	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	13.6	ug/l	10/22/2009	70	
MW-6	cis-1,2-Dichloroethene (-ethylene)	17.3	ug/l	4/21/2010	70	
MW-6	Cyanide	10.5	ug/l	4/1/1997	70	
MW-6	Dichlorodifluoromethane	6.4	ug/l	9/1/1995	1000	
MW-6	Dichlorodifluoromethane	5.0	ug/l	2/1/1996	1000	
MW-6	Dichlorodifluoromethane	6.8	ug/l	4/1/1996	1000	
MW-6	Dichlorodifluoromethane	10.9	ug/l	7/1/1996	1000	
MW-6	Dichlorodifluoromethane	7.9	ug/l	4/1/1997	1000	
MW-6	Dichlorodifluoromethane	2.4	ug/l	3/1/1999	1000	
MW-6	Dichlorodifluoromethane	2.7	ug/l	10/1/1999	1000	
MW-6	Dichlorodifluoromethane	1.5	ug/l	10/16/2008	1000	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-6	Dichlorodifluoromethane	1.1	ug/l	10/22/2009	1000	
MW-6	**Dichloromethane (Methylene chloride)**	**27.5**	**ug/l**	**10/1/1994**	**5**	**22.5**
MW-6	**Dichloromethane (Methylene chloride)**	**31.4**	**ug/l**	**11/1/1994**	**5**	**26.4**
MW-6	**Dichloromethane (Methylene chloride)**	**23.2**	**ug/l**	**3/1/1995**	**5**	**18.2**
MW-6	**Dichloromethane (Methylene chloride)**	**58.0**	**ug/l**	**9/1/1995**	**5**	**53**
MW-6	**Dichloromethane (Methylene chloride)**	**7.2**	**ug/l**	**2/1/1996**	**5**	**2.2**
MW-6	**Dichloromethane (Methylene chloride)**	**7.2**	**ug/l**	**4/1/1996**	**5**	**2.2**
MW-6	**Dichloromethane (Methylene chloride)**	**46.0**	**ug/l**	**10/1/1996**	**5**	**41**
MW-6	**Dichloromethane (Methylene chloride)**	**158.0**	**ug/l**	**4/1/1997**	**5**	**153**
MW-6	**Dichloromethane (Methylene chloride)**	**160.0**	**ug/l**	**10/1/1997**	**5**	**155**
MW-6	**Dichloromethane (Methylene chloride)**	**10.2**	**ug/l**	**4/1/1998**	**5**	**5.2**
MW-6	**Dichloromethane (Methylene chloride)**	**240.0**	**ug/l**	**10/1/1998**	**5**	**235**
MW-6	**Dichloromethane (Methylene chloride)**	**96.0**	**ug/l**	**3/1/1999**	**5**	**91**
MW-6	**Dichloromethane (Methylene chloride)**	**66.0**	**ug/l**	**10/1/2000**	**5**	**61**
MW-6	**Dichloromethane (Methylene chloride)**	**109.0**	**ug/l**	**4/1/2001**	**5**	**104**
MW-6	**Dichloromethane (Methylene chloride)**	**47.0**	**ug/l**	**10/1/2001**	**5**	**42**
MW-6	**Dichloromethane (Methylene chloride)**	**37.0**	**ug/l**	**4/1/2002**	**5**	**32**
MW-6	**Dichloromethane (Methylene chloride)**	**34.8**	**ug/l**	**10/1/2002**	**5**	**29.8**
MW-6	**Dichloromethane (Methylene chloride)**	**28.2**	**ug/l**	**10/1/2003**	**5**	**23.2**
MW-6	**Dichloromethane (Methylene chloride)**	**12.8**	**ug/l**	**4/1/2004**	**5**	**7.8**
MW-6	**Dichloromethane (Methylene chloride)**	**64.5**	**ug/l**	**10/1/2005**	**5**	**59.5**
MW-6	**Dichloromethane (Methylene chloride)**	**20.1**	**ug/l**	**4/1/2006**	**5**	**15.1**
MW-6	**Dichloromethane (Methylene chloride)**	**12.9**	**ug/l**	**10/1/2006**	**5**	**7.9**
MW-6	**Dichloromethane (Methylene chloride)**	**8.8**	**ug/l**	**5/1/2007**	**5**	**3.8**
MW-6	**Dichloromethane (Methylene chloride)**	**33.0**	**ug/l**	**10/1/2007**	**5**	**28**
MW-6	Dichloromethane (Methylene chloride)	4.1	ug/l	4/23/2008	5	
MW-6	**Dichloromethane (Methylene chloride)**	**9.0**	**ug/l**	**10/16/2008**	**5**	**4**
MW-6	Dichloromethane (Methylene chloride)	1.5	ug/l	4/22/2009	5	
MW-6	**Dichloromethane (Methylene chloride)**	**6.3**	**ug/l**	**10/22/2009**	**5**	**1.3**
MW-6	Dichloromethane (Methylene chloride)	1.5	ug/l	4/21/2010	5	
MW-6	Iodomethane	0.4	ug/l	4/22/2009	NE	
MW-6	Naphthalene	0.2	ug/l	10/16/2008	6	
MW-6	Naphthalene	0.3	ug/l	10/22/2009	6	
MW-6	**Tetrachloroethene (-ethylene)**	**5.3**	**ug/l**	**10/1/1994**	**0.7**	**4.6**
MW-6	**Tetrachloroethene (-ethylene)**	**3.8**	**ug/l**	**1/1/1995**	**0.7**	**3.1**
MW-6	**Tetrachloroethene (-ethylene)**	**5.6**	**ug/l**	**3/1/1995**	**0.7**	**4.9**
MW-6	**Tetrachloroethene (-ethylene)**	**2.4**	**ug/l**	**3/1/1999**	**0.7**	**1.7**
MW-6	**Tetrachloroethene (-ethylene)**	**1.9**	**ug/l**	**10/1/1999**	**0.7**	**1.2**
MW-6	**Tetrachloroethene (-ethylene)**	**8.2**	**ug/l**	**4/1/2001**	**0.7**	**7.5**
MW-6	**Tetrachloroethene (-ethylene)**	**7.1**	**ug/l**	**10/1/2005**	**0.7**	**6.4**
MW-6	**Tetrachloroethene (-ethylene)**	**6.2**	**ug/l**	**4/1/2006**	**0.7**	**5.5**
MW-6	**Tetrachloroethene (-ethylene)**	**8.0**	**ug/l**	**10/1/2006**	**0.7**	**7.3**
MW-6	**Tetrachloroethene (-ethylene)**	**6.9**	**ug/l**	**5/1/2007**	**0.7**	**6.2**
MW-6	**Tetrachloroethene (-ethylene)**	**9.3**	**ug/l**	**10/1/2007**	**0.7**	**8.6**
MW-6	**Tetrachloroethene (-ethylene)**	**4.5**	**ug/l**	**4/23/2008**	**0.7**	**3.8**
MW-6	**Tetrachloroethene (-ethylene)**	**3.8**	**ug/l**	**10/16/2008**	**0.7**	**3.1**
MW-6	**Tetrachloroethene (-ethylene)**	**1.8**	**ug/l**	**4/22/2009**	**0.7**	**1.1**
MW-6	**Tetrachloroethene (-ethylene)**	**5.3**	**ug/l**	**10/22/2009**	**0.7**	**4.6**
MW-6	**Tetrachloroethene (-ethylene)**	**4.9**	**ug/l**	**4/21/2010**	**0.7**	**4.2**
MW-6	trans-1,2-Dichloroethene	0.2	ug/l	4/23/2008	100	
MW-6	trans-1,2-Dichloroethene	0.2	ug/l	10/16/2008	100	
MW-6	**Trichloroethene (-ethylene)**	**8.4**	**ug/l**	**10/1/1994**	**3**	**5.4**
MW-6	**Trichloroethene (-ethylene)**	**6.7**	**ug/l**	**11/1/1994**	**3**	**3.7**
MW-6	**Trichloroethene (-ethylene)**	**10.6**	**ug/l**	**1/1/1995**	**3**	**7.6**
MW-6	**Trichloroethene (-ethylene)**	**8.8**	**ug/l**	**3/1/1995**	**3**	**5.8**
MW-6	**Trichloroethene (-ethylene)**	**7.2**	**ug/l**	**2/1/1996**	**3**	**4.2**
MW-6	**Trichloroethene (-ethylene)**	**6.8**	**ug/l**	**10/1/1996**	**3**	**3.8**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-6	**Trichloroethene (-ethylene)**	**11.0**	**ug/l**	**4/1/1997**	**3**	**8**
MW-6	**Trichloroethene (-ethylene)**	**9.9**	**ug/l**	**10/1/1997**	**3**	**6.9**
MW-6	**Trichloroethene (-ethylene)**	**7.9**	**ug/l**	**3/1/1999**	**3**	**4.9**
MW-6	**Trichloroethene (-ethylene)**	**8.7**	**ug/l**	**10/1/1999**	**3**	**5.7**
MW-6	**Trichloroethene (-ethylene)**	**7.0**	**ug/l**	**4/1/2000**	**3**	**4**
MW-6	**Trichloroethene (-ethylene)**	**17.0**	**ug/l**	**4/1/2001**	**3**	**14**
MW-6	**Trichloroethene (-ethylene)**	**5.4**	**ug/l**	**10/1/2001**	**3**	**2.4**
MW-6	**Trichloroethene (-ethylene)**	**5.2**	**ug/l**	**4/1/2002**	**3**	**2.2**
MW-6	**Trichloroethene (-ethylene)**	**8.8**	**ug/l**	**10/1/2005**	**3**	**5.8**
MW-6	**Trichloroethene (-ethylene)**	**7.1**	**ug/l**	**4/1/2006**	**3**	**4.1**
MW-6	**Trichloroethene (-ethylene)**	**8.1**	**ug/l**	**10/1/2006**	**3**	**5.1**
MW-6	**Trichloroethene (-ethylene)**	**7.7**	**ug/l**	**5/1/2007**	**3**	**4.7**
MW-6	**Trichloroethene (-ethylene)**	**9.2**	**ug/l**	**10/1/2007**	**3**	**6.24**
MW-6	**Trichloroethene (-ethylene)**	**5.9**	**ug/l**	**4/23/2008**	**3**	**2.9**
MW-6	**Trichloroethene (-ethylene)**	**4.9**	**ug/l**	**10/16/2008**	**3**	**1.9**
MW-6	Trichloroethene (-ethylene)	2.3	ug/l	4/22/2009	3	
MW-6	**Trichloroethene (-ethylene)**	**4.7**	**ug/l**	**10/22/2009**	**3**	**1.7**
MW-6	**Trichloroethene (-ethylene)**	**4.8**	**ug/l**	**4/21/2010**	**3**	**1.8**
MW-6	**Vinyl chloride**	**22.0**	**ug/l**	**4/1/2001**	**0.03**	**21.97**
MW-6	**Vinyl chloride**	**11.2**	**ug/l**	**4/1/2006**	**0.03**	**11.17**
MW-6	**Vinyl chloride**	**8.0**	**ug/l**	**5/1/2007**	**0.03**	**7.97**
MW-6	**Vinyl chloride**	**7.2**	**ug/l**	**10/1/2007**	**0.03**	**7.17**
MW-6	**Vinyl chloride**	**6.3**	**ug/l**	**4/23/2008**	**0.03**	**6.27**
MW-6	**Vinyl chloride**	**10.8**	**ug/l**	**10/16/2008**	**0.03**	**10.77**
MW-6	**Vinyl chloride**	**2.6**	**ug/l**	**4/22/2009**	**0.03**	**2.57**
MW-6	**Vinyl chloride**	**5.0**	**ug/l**	**10/22/2009**	**0.03**	**4.97**
MW-6	**Vinyl chloride**	**6.2**	**ug/l**	**4/21/2010**	**0.03**	**6.17**
MW-6	Xylene	46.7	ug/l	10/1/1994	500	
MW-6	Xylene	83.8	ug/l	11/1/1994	500	
MW-6	Xylene	68.9	ug/l	1/1/1995	500	
MW-6	Xylene	74.8	ug/l	3/1/1995	500	
MW-6	Xylene	24.0	ug/l	9/1/1995	500	
MW-6	Xylene	22.0	ug/l	2/1/1996	500	
MW-6	Xylene	23.0	ug/l	4/1/1996	500	
MW-6	Xylene	24.0	ug/l	10/1/1996	500	
MW-6	Xylene	32.0	ug/l	4/1/1997	500	
MW-6	Xylene	11.0	ug/l	3/1/1999	500	
MW-6	Xylene	6.0	ug/l	4/1/2000	500	
MW-6	Xylene	11.0	ug/l	4/1/2001	500	
MW-6	Xylene	9.8	ug/l	10/1/2005	500	
MW-6	Xylene	1.3	ug/l	4/23/2008	500	
MW-6	Xylene	0.7	ug/l	10/16/2008	500	
MW-6	Xylene	0.7	ug/l	4/22/2009	500	
MW-6	Xylene	3.8	ug/l	10/22/2009	500	
MW-6	Xylene	2.9	ug/l	4/21/2010	500	
MW-6B	**1,1-Dichloroethane**	**6.3**	**ug/l**	**10/20/2010**	**6**	**0.3**
MW-6B	1,1-Dichloroethane	5.3	ug/l	4/21/2011	6	
MW-6B	1,1-Dichloroethane	5.3	ug/l	10/27/2011	6	
MW-6B	1,1-Dichloroethane	2.0	ug/l	4/12/2012	6	
MW-6B	1,1-Dichloroethane	2.3	ug/l	10/30/2012	6	
MW-6B	1,1-Dichloroethane	1.4	ug/l	4/25/2013	6	
MW-6B	1,1-Dichloroethene (-ethylene)	0.2	ug/l	10/20/2010	7	
MW-6B	1,1-Dichloroethene (-ethylene)	0.2	ug/l	4/21/2011	7	
MW-6B	1,1-Dichloroethene (-ethylene)	0.2	ug/l	10/27/2011	7	
MW-6B	**1,2-Dichloroethane**	**0.6**	**ug/l**	**10/20/2010**	**0.4**	**0.2**
MW-6B	**1,2-Dichloroethane**	**0.5**	**ug/l**	**10/27/2011**	**0.4**	**0.1**

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-6B	1,2-Dichloropropane	0.3	ug/l	10/20/2010	0.6	
MW-6B	**1,4-Dichlorobenzene**	**7.0**	**ug/l**	**10/20/2010**	**6**	**1**
MW-6B	**1,4-Dichlorobenzene**	**6.8**	**ug/l**	**4/21/2011**	**6**	**0.8**
MW-6B	**1,4-Dichlorobenzene**	**8.0**	**ug/l**	**10/27/2011**	**6**	**2**
MW-6B	1,4-Dichlorobenzene	5.3	ug/l	4/12/2012	6	
MW-6B	1,4-Dichlorobenzene	4.8	ug/l	10/30/2012	6	
MW-6B	1,4-Dichlorobenzene	4.3	ug/l	4/25/2013	6	
MW-6B	**Benzene**	**5.7**	**ug/l**	**10/20/2010**	**1**	**4.7**
MW-6B	**Benzene**	**5.7**	**ug/l**	**4/21/2011**	**1**	**4.7**
MW-6B	**Benzene**	**6.7**	**ug/l**	**10/27/2011**	**1**	**5.7**
MW-6B	**Benzene**	**4.3**	**ug/l**	**4/12/2012**	**1**	**3.3**
MW-6B	**Benzene**	**3.8**	**ug/l**	**10/30/2012**	**1**	**2.8**
MW-6B	**Benzene**	**3.7**	**ug/l**	**4/25/2013**	**1**	**2.7**
MW-6B	**bis (2-Ethylhexyl) Phthalate**	**39.6**	**ug/l**	**10/30/2012**	**3**	**36.6**
MW-6B	Chlorobenzene	0.7	ug/l	10/20/2010	50	
MW-6B	Chlorobenzene	0.8	ug/l	4/21/2011	50	
MW-6B	Chlorobenzene	0.9	ug/l	10/27/2011	50	
MW-6B	Chloroethane	2.1	ug/l	10/20/2010	3000	
MW-6B	Chloroethane	1.4	ug/l	4/21/2011	3000	
MW-6B	Chloroethane	1.6	ug/l	10/27/2011	3000	
MW-6B	cis-1,2-Dichloroethene (-ethylene)	28.8	ug/l	10/20/2010	70	
MW-6B	cis-1,2-Dichloroethene (-ethylene)	25.3	ug/l	4/21/2011	70	
MW-6B	cis-1,2-Dichloroethene (-ethylene)	27.6	ug/l	10/27/2011	70	
MW-6B	cis-1,2-Dichloroethene (-ethylene)	12.8	ug/l	4/12/2012	70	
MW-6B	cis-1,2-Dichloroethene (-ethylene)	12.5	ug/l	10/30/2012	70	
MW-6B	cis-1,2-Dichloroethene (-ethylene)	10.8	ug/l	4/25/2013	70	
MW-6B	Dichlorodifluoromethane	0.7	ug/l	10/20/2010	1000	
MW-6B	Dichlorodifluoromethane	1.2	ug/l	10/27/2011	1000	
MW-6B	Dichlorodifluoromethane	2.0	ug/l	4/25/2013	1000	
MW-6B	Dichloromethane (Methylene chloride)	4.8	ug/l	10/20/2010	5	
MW-6B	Dichloromethane (Methylene chloride)	1.5	ug/l	4/21/2011	5	
MW-6B	Naphthalene	1.3	ug/l	10/20/2010	6	
MW-6B	**Tetrachloroethene (-ethylene)**	**4.7**	**ug/l**	**10/20/2010**	**0.7**	**4**
MW-6B	**Tetrachloroethene (-ethylene)**	**5.9**	**ug/l**	**4/21/2011**	**0.7**	**5.2**
MW-6B	**Tetrachloroethene (-ethylene)**	**6.9**	**ug/l**	**10/27/2011**	**0.7**	**6.2**
MW-6B	**Tetrachloroethene (-ethylene)**	**5.2**	**ug/l**	**4/12/2012**	**0.7**	**4.5**
MW-6B	**Tetrachloroethene (-ethylene)**	**3.9**	**ug/l**	**10/30/2012**	**0.7**	**3.2**
MW-6B	**Tetrachloroethene (-ethylene)**	**5.1**	**ug/l**	**4/25/2013**	**0.7**	**4.4**
MW-6B	**Trichloroethene (-ethylene)**	**6.1**	**ug/l**	**10/20/2010**	**3**	**3.1**
MW-6B	**Trichloroethene (-ethylene)**	**6.3**	**ug/l**	**4/21/2011**	**3**	**3.3**
MW-6B	**Trichloroethene (-ethylene)**	**7.1**	**ug/l**	**10/27/2011**	**3**	**4.1**
MW-6B	**Trichloroethene (-ethylene)**	**5.2**	**ug/l**	**4/12/2012**	**3**	**2.2**
MW-6B	**Trichloroethene (-ethylene)**	**4.0**	**ug/l**	**10/30/2012**	**3**	**1**
MW-6B	**Trichloroethene (-ethylene)**	**4.5**	**ug/l**	**4/25/2013**	**3**	**1.5**
MW-6B	**Vinyl chloride**	**5.2**	**ug/l**	**10/20/2010**	**0.03**	**5.17**
MW-6B	**Vinyl chloride**	**5.4**	**ug/l**	**4/21/2011**	**0.03**	**5.37**
MW-6B	**Vinyl chloride**	**8.2**	**ug/l**	**10/27/2011**	**0.03**	**8.17**
MW-6B	**Vinyl chloride**	**3.9**	**ug/l**	**4/12/2012**	**0.03**	**3.87**
MW-6B	**Vinyl chloride**	**3.9**	**ug/l**	**10/30/2012**	**0.03**	**3.87**
MW-6B	**Vinyl chloride**	**4.6**	**ug/l**	**4/25/2013**	**0.03**	**4.57**
MW-6B	Xylene	10.8	ug/l	10/20/2010	500	
MW-6B	Xylene	2.2	ug/l	4/21/2011	500	
MW-6B	Xylene	1.2	ug/l	4/25/2013	500	
MW-7	1,1,1-Trichloroethane	59.1	ug/l	10/1/1994	200	
MW-7	1,1,1-Trichloroethane	59.3	ug/l	11/1/1994	200	
MW-7	1,1,1-Trichloroethane	29.1	ug/l	3/1/1995	200	

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-7	**1,1-Dichloroethane**	**262.0**	**ug/l**	**10/1/1994**	**6**	**256**
MW-7	**1,1-Dichloroethane**	**69.7**	**ug/l**	**11/1/1994**	**6**	**63.7**
MW-7	**1,1-Dichloroethane**	**52.4**	**ug/l**	**3/1/1995**	**6**	**46.4**
MW-7	**1,1-Dichloroethene (-ethylene)**	**8.6**	**ug/l**	**10/1/1994**	**7**	**1.6**
MW-7	**1,1-Dichloroethene (-ethylene)**	**8.1**	**ug/l**	**11/1/1994**	**7**	**1.1**
MW-7	1,1-Dichloroethene (-ethylene)	6.2	ug/l	3/1/1995	7	
MW-7	Chloroethane	29.3	ug/l	3/1/1995	3000	
MW-7	**Dichloromethane (Methylene chloride)**	**11.2**	**ug/l**	**11/1/1994**	**5**	**6.2**
MW-7	Toluene	31.4	ug/l	10/1/1994	600	
MW-7	Toluene	13.2	ug/l	11/1/1994	600	
MW-7	Toluene	3.8	ug/l	3/1/1995	600	
MW-7	**Trichloroethene (-ethylene)**	**9.9**	**ug/l**	**10/1/1994**	**3**	**6.9**
MW-7	**Trichloroethene (-ethylene)**	**10.7**	**ug/l**	**11/1/1994**	**3**	**7.7**
MW-7	Trichlorofluoromethane	11.7	ug/l	3/1/1995	2000	
MW-7	Xylene	6.5	ug/l	10/1/1994	500	
MW-7	Xylene	5.4	ug/l	11/1/1994	500	
MW-7B	1,1,1-Trichloroethane	78.0	ug/l	9/1/1995	200	
MW-7B	1,1,1-Trichloroethane	65.0	ug/l	2/1/1996	200	
MW-7B	1,1,1-Trichloroethane	75.0	ug/l	4/1/1996	200	
MW-7B	1,1,1-Trichloroethane	65.0	ug/l	10/1/1996	200	
MW-7B	1,1,1-Trichloroethane	49.0	ug/l	4/1/1997	200	
MW-7B	1,1,1-Trichloroethane	27.0	ug/l	10/1/1997	200	
MW-7B	1,1,1-Trichloroethane	33.4	ug/l	4/1/1998	200	
MW-7B	1,1,1-Trichloroethane	11.0	ug/l	3/1/1999	200	
MW-7B	1,1,1-Trichloroethane	12.0	ug/l	10/1/1999	200	
MW-7B	1,1,1-Trichloroethane	12.0	ug/l	4/1/2000	200	
MW-7B	1,1,1-Trichloroethane	8.2	ug/l	4/1/2001	200	
MW-7B	1,1,1-Trichloroethane	5.6	ug/l	10/1/2001	200	
MW-7B	1,1,1-Trichloroethane	6.9	ug/l	4/1/2002	200	
MW-7B	1,1,1-Trichloroethane	5.1	ug/l	4/1/2003	200	
MW-7B	1,1,1-Trichloroethane	0.8	ug/l	4/23/2008	200	
MW-7B	1,1,1-Trichloroethane	0.5	ug/l	10/16/2008	200	
MW-7B	1,1,1-Trichloroethane	0.4	ug/l	4/22/2009	200	
MW-7B	1,1,1-Trichloroethane	0.2	ug/l	10/22/2009	200	
MW-7B	1,1,1-Trichloroethane	0.6	ug/l	4/21/2010	200	
MW-7B	1,1,1-Trichloroethane	0.3	ug/l	10/20/2010	200	
MW-7B	1,1,1-Trichloroethane	0.2	ug/l	4/21/2011	200	
MW-7B	**1,1,2,2-Tetrachloroethane**	**1.0**	**ug/l**	**10/16/2008**	**0.2**	**0.8**
MW-7B	**1,1-Dichloroethane**	**100.0**	**ug/l**	**9/1/1995**	**6**	**94**
MW-7B	**1,1-Dichloroethane**	**92.0**	**ug/l**	**2/1/1996**	**6**	**86**
MW-7B	**1,1-Dichloroethane**	**77.0**	**ug/l**	**4/1/1996**	**6**	**71**
MW-7B	**1,1-Dichloroethane**	**100.0**	**ug/l**	**10/1/1996**	**6**	**94**
MW-7B	**1,1-Dichloroethane**	**56.0**	**ug/l**	**4/1/1997**	**6**	**50**
MW-7B	**1,1-Dichloroethane**	**30.0**	**ug/l**	**10/1/1997**	**6**	**24**
MW-7B	**1,1-Dichloroethane**	**99.5**	**ug/l**	**4/1/1998**	**6**	**93.5**
MW-7B	**1,1-Dichloroethane**	**110.0**	**ug/l**	**3/1/1999**	**6**	**104**
MW-7B	**1,1-Dichloroethane**	**210.0**	**ug/l**	**10/1/1999**	**6**	**204**
MW-7B	**1,1-Dichloroethane**	**170.0**	**ug/l**	**4/1/2000**	**6**	**164**
MW-7B	**1,1-Dichloroethane**	**90.0**	**ug/l**	**10/1/2000**	**6**	**84**
MW-7B	**1,1-Dichloroethane**	**176.0**	**ug/l**	**10/1/2001**	**6**	**170**
MW-7B	**1,1-Dichloroethane**	**230.0**	**ug/l**	**4/1/2002**	**6**	**224**
MW-7B	**1,1-Dichloroethane**	**87.1**	**ug/l**	**10/1/2002**	**6**	**81.1**
MW-7B	**1,1-Dichloroethane**	**220.0**	**ug/l**	**4/1/2003**	**6**	**214**
MW-7B	**1,1-Dichloroethane**	**141.0**	**ug/l**	**10/1/2003**	**6**	**135**
MW-7B	**1,1-Dichloroethane**	**137.0**	**ug/l**	**4/1/2004**	**6**	**131**
MW-7B	**1,1-Dichloroethane**	**113.0**	**ug/l**	**10/1/2004**	**6**	**107**

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Table 4

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-7B	**1,1-Dichloroethane**	**147.0**	**ug/l**	**4/1/2005**	**6**	**141**
MW-7B	**1,1-Dichloroethane**	**22.5**	**ug/l**	**10/1/2005**	**6**	**16.5**
MW-7B	**1,1-Dichloroethane**	**176.0**	**ug/l**	**4/1/2006**	**6**	**170**
MW-7B	**1,1-Dichloroethane**	**174.0**	**ug/l**	**10/1/2006**	**6**	**168**
MW-7B	**1,1-Dichloroethane**	**153.0**	**ug/l**	**5/1/2007**	**6**	**147**
MW-7B	**1,1-Dichloroethane**	**129.0**	**ug/l**	**10/1/2007**	**6**	**123**
MW-7B	**1,1-Dichloroethane**	**15.1**	**ug/l**	**10/16/2008**	**6**	**9.1**
MW-7B	**1,1-Dichloroethane**	**114.0**	**ug/l**	**4/22/2009**	**6**	**108**
MW-7B	**1,1-Dichloroethane**	**110.0**	**ug/l**	**10/22/2009**	**6**	**104**
MW-7B	**1,1-Dichloroethane**	**136.0**	**ug/l**	**4/21/2010**	**6**	**130**
MW-7B	**1,1-Dichloroethane**	**140.0**	**ug/l**	**10/20/2010**	**6**	**134**
MW-7B	**1,1-Dichloroethane**	**120.0**	**ug/l**	**4/21/2011**	**6**	**114**
MW-7B	**1,1-Dichloroethane**	**142.0**	**ug/l**	**10/27/2011**	**6**	**136**
MW-7B	**1,1-Dichloroethane**	**85.9**	**ug/l**	**4/12/2012**	**6**	**79.9**
MW-7B	**1,1-Dichloroethane**	**108.0**	**ug/l**	**10/30/2012**	**6**	**102**
MW-7B	**1,1-Dichloroethane**	**49.0**	**ug/l**	**4/25/2013**	**6**	**43**
MW-7B	**1,1-Dichloroethene (-ethylene)**	**17.0**	**ug/l**	**9/1/1995**	**7**	**10**
MW-7B	**1,1-Dichloroethene (-ethylene)**	**15.0**	**ug/l**	**2/1/1996**	**7**	**8**
MW-7B	**1,1-Dichloroethene (-ethylene)**	**8.8**	**ug/l**	**4/1/1996**	**7**	**1.8**
MW-7B	**1,1-Dichloroethene (-ethylene)**	**15.0**	**ug/l**	**10/1/1996**	**7**	**8**
MW-7B	**1,1-Dichloroethene (-ethylene)**	**14.0**	**ug/l**	**4/1/1997**	**7**	**7**
MW-7B	**1,1-Dichloroethene (-ethylene)**	**12.0**	**ug/l**	**10/1/1997**	**7**	**5**
MW-7B	**1,1-Dichloroethene (-ethylene)**	**14.7**	**ug/l**	**4/1/1998**	**7**	**7.7**
MW-7B	**1,1-Dichloroethene (-ethylene)**	**7.2**	**ug/l**	**3/1/1999**	**7**	**0.2**
MW-7B	**1,1-Dichloroethene (-ethylene)**	**7.4**	**ug/l**	**10/1/1999**	**7**	**0.4**
MW-7B	**1,1-Dichloroethene (-ethylene)**	**10.0**	**ug/l**	**4/1/2001**	**7**	**3**
MW-7B	1,1-Dichloroethene (-ethylene)	5.3	ug/l	10/1/2001	7	
MW-7B	**1,1-Dichloroethene (-ethylene)**	**7.4**	**ug/l**	**4/1/2002**	**7**	**0.4**
MW-7B	1,1-Dichloroethene (-ethylene)	6.5	ug/l	10/1/2002	7	
MW-7B	**1,1-Dichloroethene (-ethylene)**	**8.1**	**ug/l**	**4/1/2003**	**7**	**1.1**
MW-7B	1,1-Dichloroethene (-ethylene)	6.0	ug/l	10/1/2003	7	
MW-7B	1,1-Dichloroethene (-ethylene)	5.9	ug/l	4/1/2004	7	
MW-7B	1,1-Dichloroethene (-ethylene)	5.4	ug/l	4/1/2005	7	
MW-7B	**1,1-Dichloroethene (-ethylene)**	**45.5**	**ug/l**	**10/1/2007**	**7**	**38.5**
MW-7B	1,1-Dichloroethene (-ethylene)	4.2	ug/l	4/23/2008	7	
MW-7B	1,1-Dichloroethene (-ethylene)	2.8	ug/l	10/16/2008	7	
MW-7B	1,1-Dichloroethene (-ethylene)	2.9	ug/l	4/22/2009	7	
MW-7B	1,1-Dichloroethene (-ethylene)	1.7	ug/l	10/22/2009	7	
MW-7B	1,1-Dichloroethene (-ethylene)	4.0	ug/l	4/21/2010	7	
MW-7B	1,1-Dichloroethene (-ethylene)	2.3	ug/l	10/20/2010	7	
MW-7B	1,1-Dichloroethene (-ethylene)	2.0	ug/l	4/21/2011	7	
MW-7B	1,1-Dichloroethene (-ethylene)	2.8	ug/l	10/27/2011	7	
MW-7B	1,1-Dichloroethene (-ethylene)	1.6	ug/l	4/12/2012	7	
MW-7B	1,1-Dichloroethene (-ethylene)	2.0	ug/l	10/30/2012	7	
MW-7B	1,1-Dichloroethene (-ethylene)	0.8	ug/l	4/25/2013	7	
MW-7B	1,2-Dichloroethane	0.3	ug/l	4/23/2008	0.4	
MW-7B	1,2-Dichloroethane	0.4	ug/l	10/16/2008	0.4	
MW-7B	1,2-Dichloroethane	0.2	ug/l	4/22/2009	0.4	
MW-7B	1,2-Dichloroethane	0.2	ug/l	10/22/2009	0.4	
MW-7B	1,2-Dichloroethane	0.3	ug/l	4/21/2010	0.4	
MW-7B	**1,2-Dichloroethane**	**0.5**	**ug/l**	**4/21/2011**	**0.4**	**0.1**
MW-7B	1,2-Dichloroethane	0.3	ug/l	10/27/2011	0.4	
MW-7B	1,2-Dichloroethane	0.4	ug/l	4/12/2012	0.4	
MW-7B	1,4-Dichlorobenzene	0.9	ug/l	4/23/2008	6	
MW-7B	1,4-Dichlorobenzene	1.7	ug/l	10/16/2008	6	
MW-7B	1,4-Dichlorobenzene	1.4	ug/l	4/22/2009	6	
MW-7B	1,4-Dichlorobenzene	1.4	ug/l	10/22/2009	6	

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-7B	1,4-Dichlorobenzene	1.5	ug/l	4/21/2010	6	
MW-7B	1,4-Dichlorobenzene	2.3	ug/l	10/20/2010	6	
MW-7B	1,4-Dichlorobenzene	2.5	ug/l	4/21/2011	6	
MW-7B	1,4-Dichlorobenzene	2.1	ug/l	10/27/2011	6	
MW-7B	1,4-Dichlorobenzene	2.8	ug/l	4/12/2012	6	
MW-7B	1,4-Dichlorobenzene	2.6	ug/l	10/30/2012	6	
MW-7B	1,4-Dichlorobenzene	2.9	ug/l	4/25/2013	6	
MW-7B	2-Butanone (Methyl ethyl ketone)	1.3	ug/l	10/16/2008	4000	
MW-7B	2-Butanone (Methyl ethyl ketone)	1.4	ug/l	4/22/2009	4000	
MW-7B	2-Butanone (Methyl ethyl ketone)	1.7	ug/l	10/22/2009	4000	
MW-7B	Acetone	33.0	ug/l	9/1/1995	6000	
MW-7B	Acetone	10.4	ug/l	4/1/1996	6000	
MW-7B	Acetone	10.0	ug/l	10/1/1996	6000	
MW-7B	Acetone	31.6	ug/l	4/1/1997	6000	
MW-7B	Acetone	279.0	ug/l	10/1/1997	6000	
MW-7B	Acetone	22.9	ug/l	4/23/2008	6000	
MW-7B	Acetone	25.0	ug/l	10/16/2008	6000	
MW-7B	Acetone	30.4	ug/l	4/22/2009	6000	
MW-7B	Acetone	4.8	ug/l	10/22/2009	6000	
MW-7B	Acetone	16.1	ug/l	10/27/2011	6000	
MW-7B	Acetone	19.9	ug/l	4/12/2012	6000	
MW-7B	Acetone	16.2	ug/l	10/30/2012	6000	
MW-7B	Acetone	25.4	ug/l	4/25/2013	6000	
MW-7B	**Benzene**	**1.1**	**ug/l**	**3/1/1999**	**1**	**0.1**
MW-7B	**Benzene**	**4.7**	**ug/l**	**5/1/2007**	**1**	**3.7**
MW-7B	**Benzene**	**4.1**	**ug/l**	**10/1/2007**	**1**	**3.1**
MW-7B	**Benzene**	**4.2**	**ug/l**	**4/1/2008**	**1**	**3.2**
MW-7B	**Benzene**	**4.2**	**ug/l**	**4/23/2008**	**1**	**3.2**
MW-7B	**Benzene**	**5.8**	**ug/l**	**10/16/2008**	**1**	**4.8**
MW-7B	**Benzene**	**4.6**	**ug/l**	**4/22/2009**	**1**	**3.6**
MW-7B	**Benzene**	**9.4**	**ug/l**	**10/22/2009**	**1**	**8.4**
MW-7B	**Benzene**	**9.5**	**ug/l**	**4/21/2010**	**1**	**8.5**
MW-7B	**Benzene**	**7.3**	**ug/l**	**10/20/2010**	**1**	**6.3**
MW-7B	**Benzene**	**6.4**	**ug/l**	**4/21/2011**	**1**	**5.4**
MW-7B	**Benzene**	**6.9**	**ug/l**	**10/27/2011**	**1**	**5.9**
MW-7B	**Benzene**	**5.9**	**ug/l**	**4/12/2012**	**1**	**4.9**
MW-7B	**Benzene**	**7.1**	**ug/l**	**10/30/2012**	**1**	**6.1**
MW-7B	**Benzene**	**5.6**	**ug/l**	**4/25/2013**	**1**	**4.6**
MW-7B	**bis (2-Ethylhexyl) Phthalate**	**24.0**	**ug/l**	**9/1/1995**	**3**	**21**
MW-7B	**bis (2-Ethylhexyl) Phthalate**	**28.5**	**ug/l**	**10/30/2012**	**3**	**25.5**
MW-7B	Chlorobenzene	6.0	ug/l	4/1/2003	50	
MW-7B	Chlorobenzene	5.3	ug/l	10/1/2004	50	
MW-7B	Chlorobenzene	3.0	ug/l	4/1/2008	50	
MW-7B	Chlorobenzene	3.0	ug/l	4/23/2008	50	
MW-7B	Chlorobenzene	3.9	ug/l	10/16/2008	50	
MW-7B	Chlorobenzene	4.0	ug/l	4/22/2009	50	
MW-7B	Chlorobenzene	2.9	ug/l	10/22/2009	50	
MW-7B	Chlorobenzene	2.6	ug/l	4/21/2010	50	
MW-7B	Chlorobenzene	8.2	ug/l	10/20/2010	50	
MW-7B	Chlorobenzene	10.0	ug/l	4/21/2011	50	
MW-7B	Chlorobenzene	8.9	ug/l	10/27/2011	50	
MW-7B	Chlorobenzene	11.4	ug/l	4/12/2012	50	
MW-7B	Chlorobenzene	14.4	ug/l	10/30/2012	50	
MW-7B	Chlorobenzene	7.8	ug/l	4/25/2013	50	
MW-7B	Chloroethane	30.0	ug/l	9/1/1995	3000	
MW-7B	Chloroethane	13.0	ug/l	2/1/1996	3000	
MW-7B	Chloroethane	14.0	ug/l	4/1/1996	3000	

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-7B	Chloroethane	37.0	ug/l	10/1/1996	3000	
MW-7B	Chloroethane	4.8	ug/l	10/1/1997	3000	
MW-7B	Chloroethane	177.0	ug/l	4/1/1998	3000	
MW-7B	Chloroethane	31.0	ug/l	3/1/1999	3000	
MW-7B	Chloroethane	68.0	ug/l	10/1/1999	3000	
MW-7B	Chloroethane	44.0	ug/l	4/1/2000	3000	
MW-7B	Chloroethane	21.0	ug/l	10/1/2000	3000	
MW-7B	Chloroethane	31.0	ug/l	4/1/2001	3000	
MW-7B	Chloroethane	22.0	ug/l	10/1/2001	3000	
MW-7B	Chloroethane	34.0	ug/l	4/1/2002	3000	
MW-7B	Chloroethane	14.9	ug/l	10/1/2002	3000	
MW-7B	Chloroethane	19.9	ug/l	4/1/2003	3000	
MW-7B	Chloroethane	30.7	ug/l	10/1/2003	3000	
MW-7B	Chloroethane	28.5	ug/l	4/1/2004	3000	
MW-7B	Chloroethane	22.6	ug/l	10/1/2004	3000	
MW-7B	Chloroethane	13.6	ug/l	4/1/2005	3000	
MW-7B	Chloroethane	21.9	ug/l	10/1/2005	3000	
MW-7B	Chloroethane	24.9	ug/l	4/1/2006	3000	
MW-7B	Chloroethane	16.1	ug/l	10/1/2006	3000	
MW-7B	Chloroethane	10.5	ug/l	5/1/2007	3000	
MW-7B	Chloroethane	12.4	ug/l	10/1/2007	3000	
MW-7B	Chloroethane	8.6	ug/l	4/23/2008	3000	
MW-7B	Chloroethane	11.1	ug/l	10/16/2008	3000	
MW-7B	Chloroethane	6.7	ug/l	4/22/2009	3000	
MW-7B	Chloroethane	5.0	ug/l	10/22/2009	3000	
MW-7B	Chloroethane	6.8	ug/l	4/21/2010	3000	
MW-7B	Chloroethane	3.8	ug/l	10/20/2010	3000	
MW-7B	Chloroethane	3.0	ug/l	4/21/2011	3000	
MW-7B	Chloroethane	4.3	ug/l	10/27/2011	3000	
MW-7B	Chloroethane	2.5	ug/l	4/12/2012	3000	
MW-7B	Chloroethane	2.9	ug/l	10/30/2012	3000	
MW-7B	Chloroethane	1.8	ug/l	4/25/2013	3000	
MW-7B	Chloroform	64.0	ug/l	4/1/2000	70	
MW-7B	Chloromethane	0.8	ug/l	10/22/2009	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	6.0	ug/l	5/1/2007	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	4.6	ug/l	4/23/2008	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	16.0	ug/l	10/16/2008	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	8.1	ug/l	4/22/2009	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	7.8	ug/l	10/22/2009	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	5.7	ug/l	4/21/2010	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	10.9	ug/l	10/20/2010	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	11.7	ug/l	4/21/2011	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	10.0	ug/l	10/27/2011	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	11.1	ug/l	4/12/2012	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	14.1	ug/l	10/30/2012	70	
MW-7B	cis-1,2-Dichloroethene (-ethylene)	16.7	ug/l	4/25/2013	70	
MW-7B	Dichlorodifluoromethane	56.0	ug/l	9/1/1995	1000	
MW-7B	Dichlorodifluoromethane	155.0	ug/l	12/1/1995	1000	
MW-7B	Dichlorodifluoromethane	34.0	ug/l	2/1/1996	1000	
MW-7B	Dichlorodifluoromethane	53.0	ug/l	4/1/1996	1000	
MW-7B	Dichlorodifluoromethane	69.2	ug/l	7/1/1996	1000	
MW-7B	Dichlorodifluoromethane	110.0	ug/l	10/1/1996	1000	
MW-7B	Dichlorodifluoromethane	94.0	ug/l	4/1/1997	1000	
MW-7B	Dichlorodifluoromethane	33.2	ug/l	4/1/1998	1000	
MW-7B	Dichlorodifluoromethane	31.0	ug/l	3/1/1999	1000	
MW-7B	Dichlorodifluoromethane	41.0	ug/l	10/1/1999	1000	
MW-7B	Dichlorodifluoromethane	24.7	ug/l	10/1/2002	1000	

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-7B	Dichlorodifluoromethane	20.6	ug/l	10/1/2003	1000	
MW-7B	Dichlorodifluoromethane	10.7	ug/l	10/1/2004	1000	
MW-7B	Dichlorodifluoromethane	12.6	ug/l	10/1/2005	1000	
MW-7B	Dichlorodifluoromethane	9.5	ug/l	10/1/2006	1000	
MW-7B	Dichlorodifluoromethane	7.0	ug/l	10/1/2007	1000	
MW-7B	Dichlorodifluoromethane	5.7	ug/l	10/16/2008	1000	
MW-7B	Dichlorodifluoromethane	5.2	ug/l	10/22/2009	1000	
MW-7B	Dichlorodifluoromethane	3.6	ug/l	10/20/2010	1000	
MW-7B	Dichlorodifluoromethane	9.5	ug/l	10/27/2011	1000	
MW-7B	Dichlorodifluoromethane	1.1	ug/l	4/25/2013	1000	
MW-7B	**Dichloromethane (Methylene chloride)**	**13.0**	**ug/l**	**10/1/1996**	**5**	**8**
MW-7B	**Dichloromethane (Methylene chloride)**	**28.0**	**ug/l**	**4/1/1997**	**5**	**23**
MW-7B	Dichloromethane (Methylene chloride)	2.2	ug/l	10/1/1997	5	
MW-7B	**Dichloromethane (Methylene chloride)**	**14.6**	**ug/l**	**4/1/1998**	**5**	**9.6**
MW-7B	**Dichloromethane (Methylene chloride)**	**53.0**	**ug/l**	**3/1/1999**	**5**	**48**
MW-7B	**Dichloromethane (Methylene chloride)**	**60.0**	**ug/l**	**10/1/2000**	**5**	**55**
MW-7B	**Dichloromethane (Methylene chloride)**	**75.0**	**ug/l**	**4/1/2001**	**5**	**70**
MW-7B	**Dichloromethane (Methylene chloride)**	**138.0**	**ug/l**	**10/1/2001**	**5**	**133**
MW-7B	**Dichloromethane (Methylene chloride)**	**154.0**	**ug/l**	**4/1/2002**	**5**	**149**
MW-7B	**Dichloromethane (Methylene chloride)**	**26.4**	**ug/l**	**10/1/2002**	**5**	**21.4**
MW-7B	**Dichloromethane (Methylene chloride)**	**174.0**	**ug/l**	**4/1/2003**	**5**	**169**
MW-7B	**Dichloromethane (Methylene chloride)**	**70.3**	**ug/l**	**10/1/2003**	**5**	**65.3**
MW-7B	**Dichloromethane (Methylene chloride)**	**93.3**	**ug/l**	**4/1/2004**	**5**	**88.3**
MW-7B	**Dichloromethane (Methylene chloride)**	**101.0**	**ug/l**	**10/1/2004**	**5**	**96**
MW-7B	**Dichloromethane (Methylene chloride)**	**75.1**	**ug/l**	**4/1/2005**	**5**	**70.1**
MW-7B	**Dichloromethane (Methylene chloride)**	**59.6**	**ug/l**	**10/1/2005**	**5**	**54.6**
MW-7B	**Dichloromethane (Methylene chloride)**	**79.9**	**ug/l**	**4/1/2006**	**5**	**74.9**
MW-7B	**Dichloromethane (Methylene chloride)**	**74.1**	**ug/l**	**10/1/2006**	**5**	**69.1**
MW-7B	**Dichloromethane (Methylene chloride)**	**74.5**	**ug/l**	**5/1/2007**	**5**	**69.5**
MW-7B	Dichloromethane (Methylene chloride)	3.7	ug/l	10/1/2007	5	
MW-7B	**Dichloromethane (Methylene chloride)**	**69.0**	**ug/l**	**10/16/2008**	**5**	**64**
MW-7B	**Dichloromethane (Methylene chloride)**	**80.9**	**ug/l**	**4/22/2009**	**5**	**75.9**
MW-7B	**Dichloromethane (Methylene chloride)**	**45.3**	**ug/l**	**10/22/2009**	**5**	**40.3**
MW-7B	**Dichloromethane (Methylene chloride)**	**79.9**	**ug/l**	**4/21/2010**	**5**	**74.9**
MW-7B	**Dichloromethane (Methylene chloride)**	**60.8**	**ug/l**	**10/20/2010**	**5**	**55.8**
MW-7B	**Dichloromethane (Methylene chloride)**	**60.1**	**ug/l**	**4/21/2011**	**5**	**55.1**
MW-7B	**Dichloromethane (Methylene chloride)**	**70.2**	**ug/l**	**10/27/2011**	**5**	**65.2**
MW-7B	**Dichloromethane (Methylene chloride)**	**56.0**	**ug/l**	**4/12/2012**	**5**	**51**
MW-7B	**Dichloromethane (Methylene chloride)**	**38.5**	**ug/l**	**10/30/2012**	**5**	**33.5**
MW-7B	**Dichloromethane (Methylene chloride)**	**25.3**	**ug/l**	**4/25/2013**	**5**	**20.3**
MW-7B	Diethylphthalate	13.0	ug/l	9/1/1995	6000	
MW-7B	Ethylbenzene	0.5	ug/l	10/16/2008	600	
MW-7B	**Tetrachloroethene (-ethylene)**	**9.0**	**ug/l**	**10/1/2005**	**0.7**	**8.3**
MW-7B	**Tetrachloroethene (-ethylene)**	**3.2**	**ug/l**	**4/1/2008**	**0.7**	**2.5**
MW-7B	**Tetrachloroethene (-ethylene)**	**3.2**	**ug/l**	**4/23/2008**	**0.7**	**2.5**
MW-7B	**Tetrachloroethene (-ethylene)**	**3.7**	**ug/l**	**10/16/2008**	**0.7**	**3**
MW-7B	**Tetrachloroethene (-ethylene)**	**3.3**	**ug/l**	**4/22/2009**	**0.7**	**2.6**
MW-7B	**Tetrachloroethene (-ethylene)**	**7.3**	**ug/l**	**10/22/2009**	**0.7**	**6.6**
MW-7B	**Tetrachloroethene (-ethylene)**	**4.9**	**ug/l**	**4/21/2010**	**0.7**	**4.2**
MW-7B	**Tetrachloroethene (-ethylene)**	**4.7**	**ug/l**	**10/20/2010**	**0.7**	**4**
MW-7B	**Tetrachloroethene (-ethylene)**	**3.5**	**ug/l**	**4/21/2011**	**0.7**	**2.8**
MW-7B	**Tetrachloroethene (-ethylene)**	**5.7**	**ug/l**	**10/27/2011**	**0.7**	**5**
MW-7B	**Tetrachloroethene (-ethylene)**	**2.4**	**ug/l**	**4/12/2012**	**0.7**	**1.7**
MW-7B	**Tetrachloroethene (-ethylene)**	**2.7**	**ug/l**	**10/30/2012**	**0.7**	**2**
MW-7B	**Tetrachloroethene (-ethylene)**	**2.2**	**ug/l**	**4/25/2013**	**0.7**	**1.5**
MW-7B	Tetrahydrofuran	1.0	ug/l	4/21/2011	NE	
MW-7B	Tetrahydrofuran	1.0	ug/l	10/27/2011	NE	

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-7B	Toluene	11.0	ug/l	9/1/1995	600	
MW-7B	Toluene	9.0	ug/l	2/1/1996	600	
MW-7B	Toluene	3.4	ug/l	3/1/1999	600	
MW-7B	Toluene	5.0	ug/l	4/1/2000	600	
MW-7B	Trichloroethene (-ethylene)	1.0	ug/l	10/1/1997	3	
MW-7B	**Trichloroethene (-ethylene)**	**3.6**	**ug/l**	**3/1/1999**	**3**	**0.6**
MW-7B	**Trichloroethene (-ethylene)**	**7.8**	**ug/l**	**10/1/1999**	**3**	**4.8**
MW-7B	**Trichloroethene (-ethylene)**	**6.0**	**ug/l**	**4/1/2000**	**3**	**3**
MW-7B	**Trichloroethene (-ethylene)**	**5.3**	**ug/l**	**4/1/2001**	**3**	**2.3**
MW-7B	**Trichloroethene (-ethylene)**	**7.3**	**ug/l**	**10/1/2001**	**3**	**4.3**
MW-7B	**Trichloroethene (-ethylene)**	**8.8**	**ug/l**	**4/1/2002**	**3**	**5.8**
MW-7B	**Trichloroethene (-ethylene)**	**6.8**	**ug/l**	**10/1/2003**	**3**	**3.8**
MW-7B	**Trichloroethene (-ethylene)**	**7.6**	**ug/l**	**4/1/2004**	**3**	**4.6**
MW-7B	**Trichloroethene (-ethylene)**	**7.7**	**ug/l**	**10/1/2004**	**3**	**4.7**
MW-7B	**Trichloroethene (-ethylene)**	**7.5**	**ug/l**	**4/1/2005**	**3**	**4.5**
MW-7B	**Trichloroethene (-ethylene)**	**10.5**	**ug/l**	**4/1/2006**	**3**	**7.5**
MW-7B	**Trichloroethene (-ethylene)**	**9.9**	**ug/l**	**10/1/2006**	**3**	**6.9**
MW-7B	**Trichloroethene (-ethylene)**	**8.8**	**ug/l**	**5/1/2007**	**3**	**5.8**
MW-7B	**Trichloroethene (-ethylene)**	**9.2**	**ug/l**	**10/1/2007**	**3**	**6.2**
MW-7B	**Trichloroethene (-ethylene)**	**9.1**	**ug/l**	**4/1/2008**	**3**	**6.1**
MW-7B	**Trichloroethene (-ethylene)**	**9.1**	**ug/l**	**4/23/2008**	**3**	**6.1**
MW-7B	**Trichloroethene (-ethylene)**	**8.8**	**ug/l**	**10/16/2008**	**3**	**5.8**
MW-7B	**Trichloroethene (-ethylene)**	**7.8**	**ug/l**	**4/22/2009**	**3**	**4.8**
MW-7B	**Trichloroethene (-ethylene)**	**10.9**	**ug/l**	**10/22/2009**	**3**	**7.9**
MW-7B	**Trichloroethene (-ethylene)**	**10.2**	**ug/l**	**4/21/2010**	**3**	**7.2**
MW-7B	**Trichloroethene (-ethylene)**	**9.8**	**ug/l**	**10/20/2010**	**3**	**6.8**
MW-7B	**Trichloroethene (-ethylene)**	**7.7**	**ug/l**	**4/21/2011**	**3**	**4.7**
MW-7B	**Trichloroethene (-ethylene)**	**10.5**	**ug/l**	**10/27/2011**	**3**	**7.5**
MW-7B	**Trichloroethene (-ethylene)**	**7.3**	**ug/l**	**10/30/2012**	**3**	**4.3**
MW-7B	**Trichloroethene (-ethylene)**	**4.2**	**ug/l**	**4/25/2013**	**3**	**1.2**
MW-7B	Trichlorofluoromethane	14.0	ug/l	9/1/1995	2000	
MW-7B	Trichlorofluoromethane	8.7	ug/l	2/1/1996	2000	
MW-7B	Trichlorofluoromethane	11.0	ug/l	4/1/1996	2000	
MW-7B	Trichlorofluoromethane	22.0	ug/l	10/1/1996	2000	
MW-7B	Trichlorofluoromethane	11.0	ug/l	4/1/1997	2000	
MW-7B	Trichlorofluoromethane	13.0	ug/l	10/1/1997	2000	
MW-7B	Trichlorofluoromethane	9.4	ug/l	4/1/1998	2000	
MW-7B	Trichlorofluoromethane	8.3	ug/l	3/1/1999	2000	
MW-7B	Trichlorofluoromethane	9.1	ug/l	4/1/2001	2000	
MW-7B	Trichlorofluoromethane	7.0	ug/l	4/1/2002	2000	
MW-7B	Trichlorofluoromethane	5.1	ug/l	10/1/2002	2000	
MW-7B	Trichlorofluoromethane	1.5	ug/l	10/1/2007	2000	
MW-7B	Trichlorofluoromethane	2.2	ug/l	4/1/2008	2000	
MW-7B	Trichlorofluoromethane	2.2	ug/l	4/23/2008	2000	
MW-7B	Trichlorofluoromethane	1.0	ug/l	10/16/2008	2000	
MW-7B	Trichlorofluoromethane	1.1	ug/l	4/22/2009	2000	
MW-7B	Trichlorofluoromethane	0.4	ug/l	10/22/2009	2000	
MW-7B	Trichlorofluoromethane	2.3	ug/l	4/21/2010	2000	
MW-7B	Trichlorofluoromethane	0.7	ug/l	10/20/2010	2000	
MW-7B	Trichlorofluoromethane	0.5	ug/l	4/21/2011	2000	
MW-7B	Trichlorofluoromethane	0.9	ug/l	10/27/2011	2000	
MW-7B	Trichlorofluoromethane	0.4	ug/l	4/12/2012	2000	
MW-7B	Trichlorofluoromethane	0.3	ug/l	10/30/2012	2000	
MW-7B	**Vinyl chloride**	**5.0**	**ug/l**	**5/1/2007**	**0.03**	**4.97**
MW-7B	**Vinyl chloride**	**5.0**	**ug/l**	**10/1/2007**	**0.03**	**4.97**
MW-7B	**Vinyl chloride**	**3.9**	**ug/l**	**4/1/2008**	**0.03**	**3.87**
MW-7B	**Vinyl chloride**	**3.9**	**ug/l**	**4/23/2008**	**0.03**	**3.87**

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-7B	**Vinyl chloride**	**8.2**	**ug/l**	**10/16/2008**	**0.03**	**8.17**
MW-7B	**Vinyl chloride**	**4.3**	**ug/l**	**4/22/2009**	**0.03**	**4.27**
MW-7B	**Vinyl chloride**	**6.4**	**ug/l**	**10/22/2009**	**0.03**	**6.37**
MW-7B	**Vinyl chloride**	**6.4**	**ug/l**	**4/21/2010**	**0.03**	**6.37**
MW-7B	**Vinyl chloride**	**5.8**	**ug/l**	**10/20/2010**	**0.03**	**5.77**
MW-7B	**Vinyl chloride**	**4.0**	**ug/l**	**4/21/2011**	**0.03**	**3.97**
MW-7B	**Vinyl chloride**	**7.2**	**ug/l**	**10/27/2011**	**0.03**	**7.17**
MW-7B	**Vinyl chloride**	**3.7**	**ug/l**	**4/12/2012**	**0.03**	**3.67**
MW-7B	**Vinyl chloride**	**5.3**	**ug/l**	**10/30/2012**	**0.03**	**5.27**
MW-7B	**Vinyl chloride**	**3.4**	**ug/l**	**4/25/2013**	**0.03**	**3.37**
MW-7B	Xylene	4.8	ug/l	3/1/1999	500	
MW-7B	Xylene	12.0	ug/l	4/1/2000	500	
MW-7B	Xylene	9.3	ug/l	4/1/2002	500	
MW-7B	Xylene	6.3	ug/l	4/1/2003	500	
MW-7B	Xylene	5.6	ug/l	10/1/2004	500	
MW-7B	Xylene	4.8	ug/l	5/1/2007	500	
MW-7B	Xylene	1.7	ug/l	4/23/2008	500	
MW-7B	Xylene	9.2	ug/l	10/16/2008	500	
MW-7B	Xylene	3.5	ug/l	4/22/2009	500	
MW-7B	Xylene	4.8	ug/l	10/22/2009	500	
MW-7B	Xylene	1.5	ug/l	4/21/2010	500	
MW-7B	Xylene	2.5	ug/l	10/20/2010	500	
MW-7B	Xylene	1.7	ug/l	4/21/2011	500	
MW-7B	Xylene	2.3	ug/l	10/27/2011	500	
MW-7B	Xylene	1.6	ug/l	4/12/2012	500	
MW-7B	Xylene	2.3	ug/l	10/30/2012	500	
MW-7B	Xylene	6.3	ug/l	4/25/2013	500	
MW-8	**1,1-Dichloroethane**	**6.4**	**ug/l**	**9/1/1995**	**6**	**0.4**
MW-8	**1,1-Dichloroethane**	**11.0**	**ug/l**	**2/1/1996**	**6**	**5**
MW-8	**1,1-Dichloroethane**	**7.8**	**ug/l**	**4/1/1996**	**6**	**1.8**
MW-8	**1,1-Dichloroethane**	**45.0**	**ug/l**	**4/1/1997**	**6**	**39**
MW-8	**1,1-Dichloroethane**	**47.0**	**ug/l**	**10/1/1997**	**6**	**41**
MW-8	**1,1-Dichloroethane**	**10.2**	**ug/l**	**4/1/1998**	**6**	**4.2**
MW-8	**1,1-Dichloroethane**	**39.0**	**ug/l**	**10/1/1998**	**6**	**33**
MW-8	**1,1-Dichloroethane**	**37.0**	**ug/l**	**3/1/1999**	**6**	**31**
MW-8	**1,1-Dichloroethane**	**59.0**	**ug/l**	**10/1/1999**	**6**	**53**
MW-8	**1,1-Dichloroethane**	**92.0**	**ug/l**	**4/1/2000**	**6**	**86**
MW-8	**1,1-Dichloroethane**	**44.0**	**ug/l**	**10/1/2000**	**6**	**38**
MW-8	**1,1-Dichloroethane**	**135.0**	**ug/l**	**4/1/2001**	**6**	**129**
MW-8	**1,1-Dichloroethane**	**80.0**	**ug/l**	**4/1/2002**	**6**	**74**
MW-8	**1,1-Dichloroethane**	**76.8**	**ug/l**	**10/1/2002**	**6**	**70.8**
MW-8	**1,1-Dichloroethane**	**71.5**	**ug/l**	**4/1/2003**	**6**	**65.5**
MW-8	**1,1-Dichloroethane**	**59.2**	**ug/l**	**10/1/2003**	**6**	**53.2**
MW-8	**1,1-Dichloroethane**	**42.7**	**ug/l**	**4/1/2004**	**6**	**36.7**
MW-8	**1,1-Dichloroethane**	**31.0**	**ug/l**	**10/1/2004**	**6**	**25**
MW-8	**1,1-Dichloroethane**	**38.9**	**ug/l**	**4/1/2005**	**6**	**32.9**
MW-8	**1,1-Dichloroethane**	**59.0**	**ug/l**	**10/1/2005**	**6**	**53**
MW-8	**1,1-Dichloroethane**	**58.6**	**ug/l**	**4/1/2006**	**6**	**52.6**
MW-8	**1,1-Dichloroethane**	**63.0**	**ug/l**	**10/1/2006**	**6**	**57**
MW-8	**1,1-Dichloroethane**	**49.1**	**ug/l**	**5/1/2007**	**6**	**43.1**
MW-8	**1,1-Dichloroethane**	**54.3**	**ug/l**	**10/1/2007**	**6**	**48.3**
MW-8	**1,1-Dichloroethane**	**61.8**	**ug/l**	**10/16/2008**	**6**	**55.8**
MW-8	**1,1-Dichloroethane**	**32.0**	**ug/l**	**4/22/2009**	**6**	**26**
MW-8	**1,1-Dichloroethane**	**38.0**	**ug/l**	**10/22/2009**	**6**	**32**
MW-8	**1,1-Dichloroethane**	**38.0**	**ug/l**	**4/21/2010**	**6**	**32**
MW-8	**1,1-Dichloroethane**	**44.6**	**ug/l**	**10/20/2010**	**6**	**38.6**

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Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-8	**1,1-Dichloroethane**	**35.2**	**ug/l**	**4/21/2011**	**6**	**29.2**
MW-8	**1,1-Dichloroethane**	**37.6**	**ug/l**	**10/27/2011**	**6**	**31.6**
MW-8	**1,1-Dichloroethane**	**28.5**	**ug/l**	**4/12/2012**	**6**	**22.5**
MW-8	**1,1-Dichloroethane**	**30.4**	**ug/l**	**10/30/2012**	**6**	**24.4**
MW-8	**1,1-Dichloroethane**	**27.3**	**ug/l**	**4/25/2013**	**6**	**21.3**
MW-8	**1,1-Dichloroethene (-ethylene)**	**81.0**	**ug/l**	**10/1/2001**	**7**	**74**
MW-8	1,1-Dichloroethene (-ethylene)	0.4	ug/l	4/23/2008	7	
MW-8	1,1-Dichloroethene (-ethylene)	0.4	ug/l	10/16/2008	7	
MW-8	1,1-Dichloroethene (-ethylene)	0.3	ug/l	4/22/2009	7	
MW-8	1,1-Dichloroethene (-ethylene)	0.2	ug/l	10/22/2009	7	
MW-8	1,1-Dichloroethene (-ethylene)	0.4	ug/l	4/21/2010	7	
MW-8	1,1-Dichloroethene (-ethylene)	0.3	ug/l	10/20/2010	7	
MW-8	1,1-Dichloroethene (-ethylene)	0.3	ug/l	4/21/2011	7	
MW-8	1,1-Dichloroethene (-ethylene)	0.3	ug/l	10/27/2011	7	
MW-8	1,1-Dichloroethene (-ethylene)	0.3	ug/l	4/12/2012	7	
MW-8	1,2-Dichlorobenzene	0.3	ug/l	4/23/2008	20	
MW-8	1,2-Dichlorobenzene	0.4	ug/l	10/16/2008	20	
MW-8	1,2-Dichlorobenzene	0.3	ug/l	4/22/2009	20	
MW-8	1,2-Dichlorobenzene	0.2	ug/l	10/22/2009	20	
MW-8	1,2-Dichlorobenzene	1.1	ug/l	10/20/2010	20	
MW-8	1,2-Dichlorobenzene	1.2	ug/l	4/21/2011	20	
MW-8	1,2-Dichlorobenzene	1.6	ug/l	10/27/2011	20	
MW-8	1,2-Dichlorobenzene	1.4	ug/l	4/12/2012	20	
MW-8	1,2-Dichlorobenzene	1.5	ug/l	10/30/2012	20	
MW-8	1,2-Dichlorobenzene	1.4	ug/l	4/25/2013	20	
MW-8	1,2-Dichloroethane	0.2	ug/l	10/16/2008	0.4	
MW-8	**1,2-Dichloroethane**	**0.8**	**ug/l**	**10/22/2009**	**0.4**	**0.4**
MW-8	1,2-Dichloroethane	0.4	ug/l	10/27/2011	0.4	
MW-8	1,2-Dichloroethane	0.3	ug/l	4/12/2012	0.4	
MW-8	1,2-Dichloroethane	0.3	ug/l	10/30/2012	0.4	
MW-8	1,4-Dichlorobenzene	1.3	ug/l	10/1/2007	6	
MW-8	1,4-Dichlorobenzene	1.2	ug/l	4/1/2008	6	
MW-8	1,4-Dichlorobenzene	1.2	ug/l	4/23/2008	6	
MW-8	1,4-Dichlorobenzene	1.5	ug/l	10/16/2008	6	
MW-8	1,4-Dichlorobenzene	1.7	ug/l	4/22/2009	6	
MW-8	1,4-Dichlorobenzene	1.7	ug/l	10/22/2009	6	
MW-8	1,4-Dichlorobenzene	2.0	ug/l	4/21/2010	6	
MW-8	1,4-Dichlorobenzene	3.3	ug/l	10/20/2010	6	
MW-8	1,4-Dichlorobenzene	3.3	ug/l	4/21/2011	6	
MW-8	1,4-Dichlorobenzene	4.5	ug/l	10/27/2011	6	
MW-8	1,4-Dichlorobenzene	4.2	ug/l	4/12/2012	6	
MW-8	1,4-Dichlorobenzene	5.1	ug/l	10/30/2012	6	
MW-8	1,4-Dichlorobenzene	5.3	ug/l	4/25/2013	6	
MW-8	Acetone	15.4	ug/l	4/1/1997	6000	
MW-8	Acetone	6.2	ug/l	4/23/2008	6000	
MW-8	Acetone	2.2	ug/l	4/22/2009	6000	
MW-8	Acetone	2.8	ug/l	10/22/2009	6000	
MW-8	Acetone	9.2	ug/l	4/12/2012	6000	
MW-8	Acetone	15.7	ug/l	4/25/2013	6000	
MW-8	**Benzene**	**2.1**	**ug/l**	**10/1/1997**	**1**	**1.1**
MW-8	**Benzene**	**1.6**	**ug/l**	**3/1/1999**	**1**	**0.6**
MW-8	**Benzene**	**2.6**	**ug/l**	**10/1/2007**	**1**	**1.6**
MW-8	**Benzene**	**2.5**	**ug/l**	**4/1/2008**	**1**	**1.5**
MW-8	**Benzene**	**2.5**	**ug/l**	**4/23/2008**	**1**	**1.5**
MW-8	**Benzene**	**2.9**	**ug/l**	**10/16/2008**	**1**	**1.9**
MW-8	**Benzene**	**2.6**	**ug/l**	**4/22/2009**	**1**	**1.6**
MW-8	**Benzene**	**26.2**	**ug/l**	**10/22/2009**	**1**	**25.2**

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Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-8	**Benzene**	**5.6**	**ug/l**	**4/21/2010**	**1**	**4.6**
MW-8	**Benzene**	**5.7**	**ug/l**	**10/20/2010**	**1**	**4.7**
MW-8	**Benzene**	**4.1**	**ug/l**	**4/21/2011**	**1**	**3.1**
MW-8	**Benzene**	**4.9**	**ug/l**	**10/27/2011**	**1**	**3.9**
MW-8	**Benzene**	**4.3**	**ug/l**	**4/12/2012**	**1**	**3.3**
MW-8	**Benzene**	**5.0**	**ug/l**	**10/30/2012**	**1**	**4**
MW-8	**Benzene**	**4.3**	**ug/l**	**4/25/2013**	**1**	**3.3**
MW-8	**bis (2-Ethylhexyl) Phthalate**	**91.4**	**ug/l**	**10/30/2012**	**3**	**88.4**
MW-8	Chlorobenzene	0.3	ug/l	4/23/2008	50	
MW-8	Chlorobenzene	0.3	ug/l	10/16/2008	50	
MW-8	Chlorobenzene	0.3	ug/l	4/22/2009	50	
MW-8	Chlorobenzene	0.4	ug/l	10/22/2009	50	
MW-8	Chlorobenzene	0.4	ug/l	4/21/2010	50	
MW-8	Chlorobenzene	0.8	ug/l	10/20/2010	50	
MW-8	Chlorobenzene	1.0	ug/l	4/21/2011	50	
MW-8	Chlorobenzene	1.5	ug/l	10/27/2011	50	
MW-8	Chlorobenzene	1.8	ug/l	4/12/2012	50	
MW-8	Chlorobenzene	2.3	ug/l	10/30/2012	50	
MW-8	Chlorobenzene	2.9	ug/l	4/25/2013	50	
MW-8	Chloroethane	16.0	ug/l	9/1/1995	3000	
MW-8	Chloroethane	7.2	ug/l	2/1/1996	3000	
MW-8	Chloroethane	31.0	ug/l	4/1/1997	3000	
MW-8	Chloroethane	22.0	ug/l	10/1/1997	3000	
MW-8	Chloroethane	12.2	ug/l	4/1/1998	3000	
MW-8	Chloroethane	14.0	ug/l	3/1/1999	3000	
MW-8	Chloroethane	21.0	ug/l	10/1/1999	3000	
MW-8	Chloroethane	41.0	ug/l	4/1/2000	3000	
MW-8	Chloroethane	16.0	ug/l	10/1/2000	3000	
MW-8	Chloroethane	19.0	ug/l	4/1/2001	3000	
MW-8	Chloroethane	28.0	ug/l	4/1/2002	3000	
MW-8	Chloroethane	15.3	ug/l	10/1/2002	3000	
MW-8	Chloroethane	12.7	ug/l	4/1/2003	3000	
MW-8	Chloroethane	13.2	ug/l	10/1/2003	3000	
MW-8	Chloroethane	2.9	ug/l	4/23/2008	3000	
MW-8	Chloroethane	3.8	ug/l	10/16/2008	3000	
MW-8	Chloroethane	2.1	ug/l	4/22/2009	3000	
MW-8	Chloroethane	2.1	ug/l	10/20/2010	3000	
MW-8	Chloroethane	1.3	ug/l	4/21/2011	3000	
MW-8	Chloroethane	1.3	ug/l	4/12/2012	3000	
MW-8	Chloroethane	1.5	ug/l	10/30/2012	3000	
MW-8	Chloroform	6.1	ug/l	10/1/1999	70	
MW-8	**Chloroform**	**88.0**	**ug/l**	**4/1/2000**	**70**	**18**
MW-8	Chloroform	25.0	ug/l	10/1/2001	70	
MW-8	Chloroform	0.2	ug/l	4/23/2008	70	
MW-8	Chloroform	0.2	ug/l	10/16/2008	70	
MW-8	Chloroform	0.2	ug/l	4/22/2009	70	
MW-8	Chloroform	0.5	ug/l	10/22/2009	70	
MW-8	Chloromethane	0.6	ug/l	10/22/2009	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	7.0	ug/l	5/1/2007	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	5.4	ug/l	10/1/2007	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	10.2	ug/l	4/1/2008	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	10.2	ug/l	4/23/2008	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	13.2	ug/l	10/16/2008	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	17.3	ug/l	4/22/2009	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	12.9	ug/l	10/22/2009	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	21.2	ug/l	4/21/2010	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	30.8	ug/l	10/20/2010	70	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-8	cis-1,2-Dichloroethene (-ethylene)	24.9	ug/l	4/21/2011	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	33.6	ug/l	10/27/2011	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	26.3	ug/l	4/12/2012	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	30.3	ug/l	10/30/2012	70	
MW-8	cis-1,2-Dichloroethene (-ethylene)	28.5	ug/l	4/25/2013	70	
MW-8	**Cyanide**	**127.0**	**ug/l**	**10/1/1996**	**70**	**57**
MW-8	Dichlorodifluoromethane	7.0	ug/l	9/1/1995	1000	
MW-8	Dichlorodifluoromethane	6.8	ug/l	12/1/1995	1000	
MW-8	Dichlorodifluoromethane	2.3	ug/l	3/1/1999	1000	
MW-8	Dichlorodifluoromethane	4.3	ug/l	10/1/1999	1000	
MW-8	Dichlorodifluoromethane	1.4	ug/l	10/16/2008	1000	
MW-8	Dichlorodifluoromethane	0.8	ug/l	10/22/2009	1000	
MW-8	Dichlorodifluoromethane	0.7	ug/l	10/20/2010	1000	
MW-8	Dichlorodifluoromethane	1.7	ug/l	10/27/2011	1000	
MW-8	Dichlorodifluoromethane	0.8	ug/l	4/25/2013	1000	
MW-8	**Dichloromethane (Methylene chloride)**	**49.0**	**ug/l**	**4/1/1997**	**5**	**44**
MW-8	**Dichloromethane (Methylene chloride)**	**31.0**	**ug/l**	**10/1/1997**	**5**	**26**
MW-8	**Dichloromethane (Methylene chloride)**	**5.2**	**ug/l**	**4/1/1998**	**5**	**0.2**
MW-8	**Dichloromethane (Methylene chloride)**	**25.0**	**ug/l**	**10/1/1998**	**5**	**20**
MW-8	**Dichloromethane (Methylene chloride)**	**30.0**	**ug/l**	**3/1/1999**	**5**	**25**
MW-8	**Dichloromethane (Methylene chloride)**	**74.0**	**ug/l**	**10/1/2000**	**5**	**69**
MW-8	**Dichloromethane (Methylene chloride)**	**140.0**	**ug/l**	**4/1/2001**	**5**	**135**
MW-8	**Dichloromethane (Methylene chloride)**	**92.0**	**ug/l**	**10/1/2001**	**5**	**87**
MW-8	**Dichloromethane (Methylene chloride)**	**90.0**	**ug/l**	**4/1/2002**	**5**	**85**
MW-8	**Dichloromethane (Methylene chloride)**	**80.5**	**ug/l**	**10/1/2002**	**5**	**75.5**
MW-8	**Dichloromethane (Methylene chloride)**	**71.2**	**ug/l**	**4/1/2003**	**5**	**66.2**
MW-8	**Dichloromethane (Methylene chloride)**	**69.0**	**ug/l**	**10/1/2003**	**5**	**64**
MW-8	**Dichloromethane (Methylene chloride)**	**44.5**	**ug/l**	**4/1/2004**	**5**	**39.5**
MW-8	**Dichloromethane (Methylene chloride)**	**39.9**	**ug/l**	**10/1/2004**	**5**	**34.9**
MW-8	**Dichloromethane (Methylene chloride)**	**40.6**	**ug/l**	**4/1/2005**	**5**	**35.6**
MW-8	**Dichloromethane (Methylene chloride)**	**63.3**	**ug/l**	**10/1/2005**	**5**	**58.3**
MW-8	**Dichloromethane (Methylene chloride)**	**64.0**	**ug/l**	**4/1/2006**	**5**	**59**
MW-8	**Dichloromethane (Methylene chloride)**	**67.2**	**ug/l**	**10/1/2006**	**5**	**62.2**
MW-8	**Dichloromethane (Methylene chloride)**	**48.4**	**ug/l**	**5/1/2007**	**5**	**43.4**
MW-8	**Dichloromethane (Methylene chloride)**	**35.9**	**ug/l**	**10/1/2007**	**5**	**30.9**
MW-8	**Dichloromethane (Methylene chloride)**	**31.0**	**ug/l**	**4/1/2008**	**5**	**26**
MW-8	**Dichloromethane (Methylene chloride)**	**31.0**	**ug/l**	**4/23/2008**	**5**	**26**
MW-8	**Dichloromethane (Methylene chloride)**	**48.0**	**ug/l**	**10/16/2008**	**5**	**43**
MW-8	**Dichloromethane (Methylene chloride)**	**32.5**	**ug/l**	**4/22/2009**	**5**	**27.5**
MW-8	**Dichloromethane (Methylene chloride)**	**32.3**	**ug/l**	**10/22/2009**	**5**	**27.3**
MW-8	**Dichloromethane (Methylene chloride)**	**31.4**	**ug/l**	**4/21/2010**	**5**	**26.4**
MW-8	**Dichloromethane (Methylene chloride)**	**45.0**	**ug/l**	**10/20/2010**	**5**	**40**
MW-8	**Dichloromethane (Methylene chloride)**	**35.1**	**ug/l**	**4/21/2011**	**5**	**30.1**
MW-8	**Dichloromethane (Methylene chloride)**	**39.3**	**ug/l**	**10/27/2011**	**5**	**34.3**
MW-8	**Dichloromethane (Methylene chloride)**	**29.9**	**ug/l**	**4/12/2012**	**5**	**24.9**
MW-8	**Dichloromethane (Methylene chloride)**	**35.2**	**ug/l**	**10/30/2012**	**5**	**30.2**
MW-8	**Dichloromethane (Methylene chloride)**	**26.7**	**ug/l**	**4/25/2013**	**5**	**21.7**
MW-8	**Tetrachloroethene (-ethylene)**	**5.2**	**ug/l**	**10/1/2006**	**0.7**	**4.5**
MW-8	**Tetrachloroethene (-ethylene)**	**5.0**	**ug/l**	**5/1/2007**	**0.7**	**4.3**
MW-8	**Tetrachloroethene (-ethylene)**	**6.5**	**ug/l**	**10/1/2007**	**0.7**	**5.8**
MW-8	**Tetrachloroethene (-ethylene)**	**5.5**	**ug/l**	**4/1/2008**	**0.7**	**4.8**
MW-8	**Tetrachloroethene (-ethylene)**	**5.5**	**ug/l**	**4/23/2008**	**0.7**	**4.8**
MW-8	**Tetrachloroethene (-ethylene)**	**4.7**	**ug/l**	**10/16/2008**	**0.7**	**4**
MW-8	**Tetrachloroethene (-ethylene)**	**5.7**	**ug/l**	**4/22/2009**	**0.7**	**5**
MW-8	**Tetrachloroethene (-ethylene)**	**5.2**	**ug/l**	**10/22/2009**	**0.7**	**4.5**
MW-8	**Tetrachloroethene (-ethylene)**	**5.0**	**ug/l**	**4/21/2010**	**0.7**	**4.3**
MW-8	**Tetrachloroethene (-ethylene)**	**4.2**	**ug/l**	**10/20/2010**	**0.7**	**3.5**

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-8	**Tetrachloroethene (-ethylene)**	**4.3**	**ug/l**	**4/21/2011**	**0.7**	**3.6**
MW-8	**Tetrachloroethene (-ethylene)**	**4.6**	**ug/l**	**10/27/2011**	**0.7**	**3.9**
MW-8	**Tetrachloroethene (-ethylene)**	**3.5**	**ug/l**	**4/12/2012**	**0.7**	**2.8**
MW-8	**Tetrachloroethene (-ethylene)**	**3.4**	**ug/l**	**10/30/2012**	**0.7**	**2.7**
MW-8	**Tetrachloroethene (-ethylene)**	**3.2**	**ug/l**	**4/25/2013**	**0.7**	**2.5**
MW-8	Tetrahydrofuran	0.6	ug/l	4/21/2011	NE	
MW-8	Tetrahydrofuran	1.4	ug/l	10/27/2011	NE	
MW-8	Tetrahydrofuran	1.8	ug/l	4/12/2012	NE	
MW-8	Tetrahydrofuran	2.6	ug/l	10/30/2012	NE	
MW-8	Tetrahydrofuran	2.9	ug/l	4/25/2013	NE	
MW-8	Trichloroethene (-ethylene)	2.2	ug/l	10/1/1997	3	
MW-8	Trichloroethene (-ethylene)	1.8	ug/l	3/1/1999	3	
MW-8	Trichloroethene (-ethylene)	2.8	ug/l	10/1/1999	3	
MW-8	**Trichloroethene (-ethylene)**	**6.8**	**ug/l**	**4/1/2001**	**3**	**3.8**
MW-8	**Trichloroethene (-ethylene)**	**5.3**	**ug/l**	**10/1/2001**	**3**	**2.3**
MW-8	**Trichloroethene (-ethylene)**	**4.0**	**ug/l**	**5/1/2007**	**3**	**1**
MW-8	**Trichloroethene (-ethylene)**	**4.4**	**ug/l**	**10/1/2007**	**3**	**1.4**
MW-8	**Trichloroethene (-ethylene)**	**4.8**	**ug/l**	**4/1/2008**	**3**	**1.8**
MW-8	**Trichloroethene (-ethylene)**	**4.8**	**ug/l**	**4/23/2008**	**3**	**1.8**
MW-8	**Trichloroethene (-ethylene)**	**4.8**	**ug/l**	**10/16/2008**	**3**	**1.8**
MW-8	**Trichloroethene (-ethylene)**	**41.1**	**ug/l**	**4/22/2009**	**3**	**38.1**
MW-8	**Trichloroethene (-ethylene)**	**4.1**	**ug/l**	**10/22/2009**	**3**	**1.1**
MW-8	**Trichloroethene (-ethylene)**	**4.3**	**ug/l**	**4/21/2010**	**3**	**1.3**
MW-8	**Trichloroethene (-ethylene)**	**4.6**	**ug/l**	**10/20/2010**	**3**	**1.6**
MW-8	**Trichloroethene (-ethylene)**	**4.7**	**ug/l**	**10/27/2011**	**3**	**1.7**
MW-8	**Trichloroethene (-ethylene)**	**3.8**	**ug/l**	**4/12/2012**	**3**	**0.8**
MW-8	**Trichloroethene (-ethylene)**	**3.9**	**ug/l**	**10/30/2012**	**3**	**0.9**
MW-8	**Trichloroethene (-ethylene)**	**3.7**	**ug/l**	**4/25/2013**	**3**	**0.7**
MW-8	Trichlorofluoromethane	0.2	ug/l	10/16/2008	2000	
MW-8	**Vinyl chloride**	**1.0**	**ug/l**	**4/1/2008**	**0.03**	**0.97**
MW-8	**Vinyl chloride**	**1.0**	**ug/l**	**4/23/2008**	**0.03**	**0.97**
MW-8	**Vinyl chloride**	**1.5**	**ug/l**	**10/16/2008**	**0.03**	**1.47**
MW-8	**Vinyl chloride**	**1.3**	**ug/l**	**4/22/2009**	**0.03**	**1.27**
MW-8	**Vinyl chloride**	**0.8**	**ug/l**	**10/22/2009**	**0.03**	**0.77**
MW-8	**Vinyl chloride**	**1.6**	**ug/l**	**4/21/2010**	**0.03**	**1.57**
MW-8	**Vinyl chloride**	**1.5**	**ug/l**	**10/20/2010**	**0.03**	**1.47**
MW-8	**Vinyl chloride**	**1.4**	**ug/l**	**4/21/2011**	**0.03**	**1.37**
MW-8	**Vinyl chloride**	**2.6**	**ug/l**	**10/27/2011**	**0.03**	**2.57**
MW-8	**Vinyl chloride**	**1.5**	**ug/l**	**4/12/2012**	**0.03**	**1.47**
MW-8	**Vinyl chloride**	**1.8**	**ug/l**	**10/30/2012**	**0.03**	**1.77**
MW-8	**Vinyl chloride**	**1.5**	**ug/l**	**4/25/2013**	**0.03**	**1.47**
MW-8	Xylene	5.0	ug/l	4/1/2001	500	
MW-9	1,1,1-Trichloroethane	0.8	ug/l	4/23/2008	200	
MW-9	1,1,1-Trichloroethane	0.7	ug/l	10/16/2008	200	
MW-9	**1,1-Dichloroethane**	**126.0**	**ug/l**	**10/1/2001**	**6**	**120**
MW-9	**1,1-Dichloroethane**	**219.0**	**ug/l**	**4/1/2002**	**6**	**213**
MW-9	**1,1-Dichloroethane**	**170.0**	**ug/l**	**10/1/2002**	**6**	**164**
MW-9	**1,1-Dichloroethane**	**202.0**	**ug/l**	**4/1/2003**	**6**	**196**
MW-9	**1,1-Dichloroethane**	**135.0**	**ug/l**	**10/1/2003**	**6**	**129**
MW-9	**1,1-Dichloroethane**	**122.0**	**ug/l**	**4/1/2004**	**6**	**116**
MW-9	**1,1-Dichloroethane**	**75.2**	**ug/l**	**10/1/2004**	**6**	**69.2**
MW-9	**1,1-Dichloroethane**	**81.9**	**ug/l**	**4/1/2005**	**6**	**75.9**
MW-9	**1,1-Dichloroethane**	**110.0**	**ug/l**	**10/1/2005**	**6**	**104**
MW-9	**1,1-Dichloroethane**	**103.0**	**ug/l**	**4/1/2006**	**6**	**97**
MW-9	**1,1-Dichloroethane**	**87.0**	**ug/l**	**10/1/2006**	**6**	**81**
MW-9	**1,1-Dichloroethane**	**74.7**	**ug/l**	**5/1/2007**	**6**	**68.7**

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Table 4

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Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-9	**1,1-Dichloroethane**	**58.1**	**ug/l**	**10/1/2007**	**6**	**52.1**
MW-9	**1,1-Dichloroethane**	**68.1**	**ug/l**	**10/16/2008**	**6**	**62.1**
MW-9	**1,1-Dichloroethane**	**43.3**	**ug/l**	**4/22/2009**	**6**	**37.3**
MW-9	**1,1-Dichloroethane**	**34.3**	**ug/l**	**10/22/2009**	**6**	**28.3**
MW-9	**1,1-Dichloroethene (-ethylene)**	**14.0**	**ug/l**	**10/1/2001**	**7**	**7**
MW-9	**1,1-Dichloroethene (-ethylene)**	**11.8**	**ug/l**	**4/1/2003**	**7**	**4.8**
MW-9	1,1-Dichloroethene (-ethylene)	0.7	ug/l	4/23/2008	7	
MW-9	1,1-Dichloroethene (-ethylene)	0.2	ug/l	10/16/2008	7	
MW-9	**1,2-Dichloroethane**	**0.8**	**ug/l**	**4/23/2008**	**0.4**	**0.4**
MW-9	1,2-Dichloroethane	0.2	ug/l	10/16/2008	0.4	
MW-9	1,2-Dichloroethane	0.2	ug/l	10/22/2009	0.4	
MW-9	1,2-Dichloropropane	0.2	ug/l	4/23/2008	0.6	
MW-9	1,4-Dichlorobenzene	2.5	ug/l	10/1/2007	6	
MW-9	**1,4-Dichlorobenzene**	**6.6**	**ug/l**	**4/1/2008**	**6**	**0.6**
MW-9	**1,4-Dichlorobenzene**	**6.6**	**ug/l**	**4/23/2008**	**6**	**0.6**
MW-9	1,4-Dichlorobenzene	2.1	ug/l	10/16/2008	6	
MW-9	1,4-Dichlorobenzene	1.6	ug/l	4/22/2009	6	
MW-9	1,4-Dichlorobenzene	2.0	ug/l	10/22/2009	6	
MW-9	1,4-Dichlorobenzene	1.4	ug/l	4/21/2010	6	
MW-9	2-Butanone (Methyl ethyl ketone)	1.6	ug/l	10/16/2008	4000	
MW-9	2-Butanone (Methyl ethyl ketone)	1.5	ug/l	4/22/2009	4000	
MW-9	Acetone	5.5	ug/l	4/23/2008	6000	
MW-9	Acetone	25.0	ug/l	10/16/2008	6000	
MW-9	Acetone	67.6	ug/l	4/22/2009	6000	
MW-9	Acetone	18.6	ug/l	10/22/2009	6000	
MW-9	Acetone	26.8	ug/l	4/21/2010	6000	
MW-9	Acetone	856.0	ug/l	12/4/2013	6000	
MW-9	Acetone	31.7	ug/l	10/22/2014	6000	
MW-9	**Benzene**	**8.6**	**ug/l**	**4/1/2001**	**1**	**7.6**
MW-9	**Benzene**	**11.0**	**ug/l**	**10/1/2001**	**1**	**10**
MW-9	**Benzene**	**7.8**	**ug/l**	**4/1/2002**	**1**	**6.8**
MW-9	**Benzene**	**8.2**	**ug/l**	**10/1/2002**	**1**	**7.2**
MW-9	**Benzene**	**8.1**	**ug/l**	**4/1/2003**	**1**	**7.1**
MW-9	**Benzene**	**6.4**	**ug/l**	**10/1/2003**	**1**	**5.4**
MW-9	**Benzene**	**5.6**	**ug/l**	**4/1/2006**	**1**	**4.6**
MW-9	**Benzene**	**5.2**	**ug/l**	**10/1/2006**	**1**	**4.2**
MW-9	**Benzene**	**5.0**	**ug/l**	**5/1/2007**	**1**	**4**
MW-9	**Benzene**	**5.4**	**ug/l**	**10/1/2007**	**1**	**4.4**
MW-9	**Benzene**	**11.5**	**ug/l**	**4/1/2008**	**1**	**10.5**
MW-9	**Benzene**	**11.5**	**ug/l**	**4/23/2008**	**1**	**10.5**
MW-9	**Benzene**	**8.0**	**ug/l**	**10/16/2008**	**1**	**7**
MW-9	**Benzene**	**8.1**	**ug/l**	**4/22/2009**	**1**	**7.1**
MW-9	**Benzene**	**7.2**	**ug/l**	**10/22/2009**	**1**	**6.2**
MW-9	**Benzene**	**8.7**	**ug/l**	**4/21/2010**	**1**	**7.7**
MW-9	**bis (2-Ethylhexyl) Phthalate**	**11.0**	**ug/l**	**10/16/2008**	**3**	**7.99**
MW-9	Chloride	840.0	ug/L	3/24/2015	250000	
MW-9	Chlorobenzene	18.0	ug/l	4/1/2002	50	
MW-9	Chlorobenzene	18.0	ug/l	10/1/2002	50	
MW-9	Chlorobenzene	18.0	ug/l	4/1/2003	50	
MW-9	Chlorobenzene	18.0	ug/l	10/1/2003	50	
MW-9	Chlorobenzene	16.2	ug/l	4/1/2004	50	
MW-9	Chlorobenzene	10.3	ug/l	10/1/2004	50	
MW-9	Chlorobenzene	10.1	ug/l	4/1/2005	50	
MW-9	Chlorobenzene	12.1	ug/l	10/1/2005	50	
MW-9	Chlorobenzene	18.2	ug/l	4/1/2006	50	
MW-9	Chlorobenzene	11.7	ug/l	10/1/2006	50	
MW-9	Chlorobenzene	11.1	ug/l	5/1/2007	50	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-9	Chlorobenzene	11.8	ug/l	10/1/2007	50	
MW-9	Chlorobenzene	8.1	ug/l	4/1/2008	50	
MW-9	Chlorobenzene	8.1	ug/l	4/23/2008	50	
MW-9	Chlorobenzene	9.6	ug/l	10/16/2008	50	
MW-9	Chlorobenzene	11.2	ug/l	4/22/2009	50	
MW-9	Chlorobenzene	11.7	ug/l	10/22/2009	50	
MW-9	Chlorobenzene	10.1	ug/l	4/21/2010	50	
MW-9	Chloroethane	65.0	ug/l	4/1/2001	3000	
MW-9	Chloroethane	51.0	ug/l	10/1/2001	3000	
MW-9	Chloroethane	39.0	ug/l	4/1/2002	3000	
MW-9	Chloroethane	36.0	ug/l	10/1/2002	3000	
MW-9	Chloroethane	36.0	ug/l	4/1/2003	3000	
MW-9	Chloroethane	36.0	ug/l	10/1/2003	3000	
MW-9	Chloroethane	21.4	ug/l	4/1/2004	3000	
MW-9	Chloroethane	16.5	ug/l	10/1/2004	3000	
MW-9	Chloroethane	15.7	ug/l	4/1/2005	3000	
MW-9	Chloroethane	22.4	ug/l	10/1/2005	3000	
MW-9	Chloroethane	23.5	ug/l	4/1/2006	3000	
MW-9	Chloroethane	20.3	ug/l	10/1/2006	3000	
MW-9	Chloroethane	13.0	ug/l	5/1/2007	3000	
MW-9	Chloroethane	12.4	ug/l	10/1/2007	3000	
MW-9	Chloroethane	11.6	ug/l	4/1/2008	3000	
MW-9	Chloroethane	11.6	ug/l	4/23/2008	3000	
MW-9	Chloroethane	12.3	ug/l	10/16/2008	3000	
MW-9	Chloroethane	6.0	ug/l	4/22/2009	3000	
MW-9	Chloroethane	4.5	ug/l	10/22/2009	3000	
MW-9	Chloroethane	6.0	ug/l	4/21/2010	3000	
MW-9	**Chloroform**	**189.0**	**ug/l**	**4/1/2001**	**70**	**119**
MW-9	Chloromethane	0.3	ug/l	4/23/2008	70	
MW-9	Chloromethane	0.8	ug/l	10/22/2009	70	
MW-9	cis-1,2-Dichloroethene (-ethylene)	6.0	ug/l	10/1/2002	70	
MW-9	cis-1,2-Dichloroethene (-ethylene)	6.5	ug/l	4/1/2006	70	
MW-9	cis-1,2-Dichloroethene (-ethylene)	7.9	ug/l	10/1/2006	70	
MW-9	cis-1,2-Dichloroethene (-ethylene)	5.7	ug/l	5/1/2007	70	
MW-9	cis-1,2-Dichloroethene (-ethylene)	8.0	ug/l	10/1/2007	70	
MW-9	cis-1,2-Dichloroethene (-ethylene)	25.0	ug/l	4/1/2008	70	
MW-9	cis-1,2-Dichloroethene (-ethylene)	25.0	ug/l	4/23/2008	70	
MW-9	cis-1,2-Dichloroethene (-ethylene)	13.1	ug/l	10/16/2008	70	
MW-9	cis-1,2-Dichloroethene (-ethylene)	10.7	ug/l	4/22/2009	70	
MW-9	cis-1,2-Dichloroethene (-ethylene)	11.7	ug/l	10/22/2009	70	
MW-9	cis-1,2-Dichloroethene (-ethylene)	14.2	ug/l	4/21/2010	70	
MW-9	Dichlorodifluoromethane	2.5	ug/l	10/16/2008	1000	
MW-9	Dichlorodifluoromethane	0.6	ug/l	10/22/2009	1000	
MW-9	**Dichloromethane (Methylene chloride)**	**195.0**	**ug/l**	**10/1/2001**	**5**	**190**
MW-9	**Dichloromethane (Methylene chloride)**	**231.0**	**ug/l**	**4/1/2002**	**5**	**226**
MW-9	**Dichloromethane (Methylene chloride)**	**197.0**	**ug/l**	**4/1/2003**	**5**	**192**
MW-9	**Dichloromethane (Methylene chloride)**	**166.0**	**ug/l**	**10/1/2003**	**5**	**161**
MW-9	**Dichloromethane (Methylene chloride)**	**127.0**	**ug/l**	**4/1/2004**	**5**	**122**
MW-9	**Dichloromethane (Methylene chloride)**	**67.9**	**ug/l**	**10/1/2004**	**5**	**62.9**
MW-9	**Dichloromethane (Methylene chloride)**	**56.7**	**ug/l**	**4/1/2005**	**5**	**51.7**
MW-9	**Dichloromethane (Methylene chloride)**	**75.7**	**ug/l**	**10/1/2005**	**5**	**70.7**
MW-9	**Dichloromethane (Methylene chloride)**	**122.0**	**ug/l**	**4/1/2006**	**5**	**117**
MW-9	**Dichloromethane (Methylene chloride)**	**96.4**	**ug/l**	**10/1/2006**	**5**	**91.4**
MW-9	**Dichloromethane (Methylene chloride)**	**64.2**	**ug/l**	**5/1/2007**	**5**	**59.2**
MW-9	**Dichloromethane (Methylene chloride)**	**49.6**	**ug/l**	**10/1/2007**	**5**	**44.6**
MW-9	**Dichloromethane (Methylene chloride)**	**64.6**	**ug/l**	**10/16/2008**	**5**	**59.6**
MW-9	**Dichloromethane (Methylene chloride)**	**53.2**	**ug/l**	**4/22/2009**	**5**	**48.2**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-9	**Dichloromethane (Methylene chloride)**	**42.2**	**ug/l**	**10/22/2009**	**5**	**37.2**
MW-9	**Dichloromethane (Methylene chloride)**	**37.7**	**ug/l**	**4/21/2010**	**5**	**32.7**
MW-9	Methane	120.0	ug/l	12/4/2013	NE	
MW-9	Methane	0.5	ug/l	5/19/2014	NE	
MW-9	Nitrate Nitrogen as N	80.0	ug/l	12/4/2013	10000	
MW-9	Nitrate Nitrogen as N	100.0	ug/l	5/19/2014	10000	
MW-9	Nitrate Nitrogen as N	130.0	ug/L	3/24/2015	10000	
MW-9	Sulfate	2100.0	ug/L	3/24/2015	250000	
MW-9	Sulfide, total	547.0	ug/l	12/4/2013	NE	
MW-9	Sulfide, total	13000.0	ug/L	3/24/2015	NE	
MW-9	**Tetrachloroethene (-ethylene)**	**5.3**	**ug/l**	**10/1/2001**	**0.7**	**4.6**
MW-9	**Tetrachloroethene (-ethylene)**	**5.1**	**ug/l**	**4/1/2003**	**0.7**	**4.4**
MW-9	**Tetrachloroethene (-ethylene)**	**2.9**	**ug/l**	**10/1/2007**	**0.7**	**2.2**
MW-9	**Tetrachloroethene (-ethylene)**	**4.4**	**ug/l**	**4/1/2008**	**0.7**	**3.7**
MW-9	**Tetrachloroethene (-ethylene)**	**4.4**	**ug/l**	**4/23/2008**	**0.7**	**3.7**
MW-9	**Tetrachloroethene (-ethylene)**	**2.4**	**ug/l**	**10/16/2008**	**0.7**	**1.7**
MW-9	**Tetrachloroethene (-ethylene)**	**1.4**	**ug/l**	**4/22/2009**	**0.7**	**0.7**
MW-9	**Tetrachloroethene (-ethylene)**	**1.0**	**ug/l**	**10/22/2009**	**0.7**	**0.3**
MW-9	**Tetrachloroethene (-ethylene)**	**1.2**	**ug/l**	**4/21/2010**	**0.7**	**0.5**
MW-9	trans-1,2-Dichloroethene	0.2	ug/l	4/23/2008	100	
MW-9	trans-1,2-Dichloroethene	0.2	ug/l	10/16/2008	100	
MW-9	trans-1,2-Dichloroethene	0.2	ug/l	4/22/2009	100	
MW-9	**Trichloroethene (-ethylene)**	**11.0**	**ug/l**	**4/1/2001**	**3**	**8**
MW-9	**Trichloroethene (-ethylene)**	**15.0**	**ug/l**	**10/1/2001**	**3**	**12**
MW-9	**Trichloroethene (-ethylene)**	**9.8**	**ug/l**	**4/1/2002**	**3**	**6.8**
MW-9	**Trichloroethene (-ethylene)**	**10.0**	**ug/l**	**10/1/2002**	**3**	**7**
MW-9	**Trichloroethene (-ethylene)**	**9.5**	**ug/l**	**10/1/2003**	**3**	**6.5**
MW-9	**Trichloroethene (-ethylene)**	**8.2**	**ug/l**	**4/1/2004**	**3**	**5.2**
MW-9	**Trichloroethene (-ethylene)**	**5.8**	**ug/l**	**10/1/2004**	**3**	**2.8**
MW-9	**Trichloroethene (-ethylene)**	**7.0**	**ug/l**	**4/1/2005**	**3**	**4**
MW-9	**Trichloroethene (-ethylene)**	**6.5**	**ug/l**	**10/1/2005**	**3**	**3.5**
MW-9	**Trichloroethene (-ethylene)**	**6.2**	**ug/l**	**4/1/2006**	**3**	**3.2**
MW-9	**Trichloroethene (-ethylene)**	**5.0**	**ug/l**	**10/1/2006**	**3**	**2**
MW-9	**Trichloroethene (-ethylene)**	**4.7**	**ug/l**	**5/1/2007**	**3**	**1.7**
MW-9	**Trichloroethene (-ethylene)**	**3.9**	**ug/l**	**10/1/2007**	**3**	**0.9**
MW-9	**Trichloroethene (-ethylene)**	**5.9**	**ug/l**	**4/1/2008**	**3**	**2.9**
MW-9	**Trichloroethene (-ethylene)**	**5.9**	**ug/l**	**4/23/2008**	**3**	**2.9**
MW-9	**Trichloroethene (-ethylene)**	**4.2**	**ug/l**	**10/16/2008**	**3**	**1.2**
MW-9	Trichloroethene (-ethylene)	2.9	ug/l	4/22/2009	3	
MW-9	Trichloroethene (-ethylene)	2.4	ug/l	10/22/2009	3	
MW-9	Trichloroethene (-ethylene)	2.4	ug/l	4/21/2010	3	
MW-9	Trichlorofluoromethane	0.4	ug/l	4/23/2008	2000	
MW-9	**Vinyl chloride**	**9.1**	**ug/l**	**5/1/2007**	**0.03**	**9.07**
MW-9	**Vinyl chloride**	**5.9**	**ug/l**	**10/1/2007**	**0.03**	**5.87**
MW-9	**Vinyl chloride**	**6.5**	**ug/l**	**4/1/2008**	**0.03**	**6.47**
MW-9	**Vinyl chloride**	**6.5**	**ug/l**	**4/23/2008**	**0.03**	**6.47**
MW-9	**Vinyl chloride**	**8.7**	**ug/l**	**10/16/2008**	**0.03**	**8.67**
MW-9	**Vinyl chloride**	**6.4**	**ug/l**	**4/22/2009**	**0.03**	**6.37**
MW-9	**Vinyl chloride**	**6.3**	**ug/l**	**10/22/2009**	**0.03**	**6.27**
MW-9	**Vinyl chloride**	**7.9**	**ug/l**	**4/21/2010**	**0.03**	**7.87**
MW-9	Xylene	26.0	ug/l	4/1/2001	500	
MW-9	Xylene	39.0	ug/l	10/1/2001	500	
MW-9	Xylene	25.0	ug/l	4/1/2002	500	
MW-9	Xylene	24.5	ug/l	10/1/2002	500	
MW-9	Xylene	19.6	ug/l	4/1/2003	500	
MW-9	Xylene	15.6	ug/l	10/1/2003	500	
MW-9	Xylene	7.3	ug/l	4/1/2004	500	

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-9	Xylene	7.1	ug/l	4/1/2006	500	
MW-9	Xylene	5.6	ug/l	10/1/2006	500	
MW-9	Xylene	5.1	ug/l	4/1/2008	500	
MW-9	Xylene	5.1	ug/l	4/23/2008	500	
MW-9	Xylene	1.6	ug/l	10/16/2008	500	
MW-9	Xylene	2.8	ug/l	4/22/2009	500	
MW-9	Xylene	1.8	ug/l	10/22/2009	500	
MW-9	Xylene	1.7	ug/l	4/21/2010	500	
PZ-41S	1,1-Dichloroethane	0.5	ug/l	4/22/2008	6	
PZ-41S	1,1-Dichloroethane	3.5	ug/l	10/15/2008	6	
PZ-41S	1,1-Dichloroethane	1.1	ug/l	4/22/2009	6	
PZ-41S	1,1-Dichloroethane	3.0	ug/l	10/21/2009	6	
PZ-41S	1,1-Dichloroethane	1.3	ug/l	4/20/2010	6	
PZ-41S	1,1-Dichloroethane	4.3	ug/l	10/19/2010	6	
PZ-41S	1,1-Dichloroethane	2.3	ug/l	4/20/2011	6	
PZ-41S	1,1-Dichloroethane	3.2	ug/l	10/27/2011	6	
PZ-41S	1,1-Dichloroethane	1.4	ug/l	4/11/2012	6	
PZ-41S	1,1-Dichloroethane	2.1	ug/l	10/29/2012	6	
PZ-41S	1,1-Dichloroethane	0.8	ug/l	4/24/2013	6	
PZ-41S	1,1-Dichloroethane	1.0	ug/l	12/4/2013	6	
PZ-41S	1,1-Dichloroethane	1.0	ug/l	1/16/2014	6	
PZ-41S	1,1-Dichloroethane	0.4	ug/l	10/22/2014	6	
PZ-41S	1,1-Dichloroethane	0.2	ug/l	10/20/2015	6	
PZ-41S	1,4-Dichlorobenzene	0.6	ug/l	10/15/2008	6	
PZ-41S	1,4-Dichlorobenzene	0.4	ug/l	10/21/2009	6	
PZ-41S	1,4-Dichlorobenzene	2.4	ug/l	10/19/2010	6	
PZ-41S	1,4-Dichlorobenzene	1.8	ug/l	4/20/2011	6	
PZ-41S	1,4-Dichlorobenzene	1.7	ug/l	10/27/2011	6	
PZ-41S	1,4-Dichlorobenzene	0.8	ug/l	4/11/2012	6	
PZ-41S	1,4-Dichlorobenzene	1.3	ug/l	10/29/2012	6	
PZ-41S	1,4-Dichlorobenzene	0.6	ug/l	4/24/2013	6	
PZ-41S	1,4-Dichlorobenzene	0.5	ug/l	12/4/2013	6	
PZ-41S	1,4-Dichlorobenzene	0.5	ug/l	1/16/2014	6	
PZ-41S	2-Butanone (Methyl ethyl ketone)	2.0	ug/l	10/21/2009	4000	
PZ-41S	Acetone	5.0	ug/l	4/22/2008	6000	
PZ-41S	Acetone	1.4	ug/l	10/15/2008	6000	
PZ-41S	Acetone	5.1	ug/l	4/22/2009	6000	
PZ-41S	Acetone	1.5	ug/l	10/21/2009	6000	
PZ-41S	Acetone	11.5	ug/l	4/11/2012	6000	
PZ-41S	Acetone	12.2	ug/l	4/24/2013	6000	
PZ-41S	Acetone	436.0	ug/l	12/4/2013	6000	
PZ-41S	Acetone	9.5	ug/l	10/22/2014	6000	
PZ-41S	Acetone	5.4	ug/L	3/23/2015	6000	
PZ-41S	Benzene	0.2	ug/l	4/22/2008	1	
PZ-41S	Benzene	1.0	ug/l	10/15/2008	1	
PZ-41S	Benzene	0.6	ug/l	4/22/2009	1	
PZ-41S	**Benzene**	**1.3**	**ug/l**	**10/21/2009**	**1**	**0.3**
PZ-41S	Benzene	0.6	ug/l	4/20/2010	1	
PZ-41S	**Benzene**	**2.9**	**ug/l**	**10/19/2010**	**1**	**1.9**
PZ-41S	**Benzene**	**1.8**	**ug/l**	**4/20/2011**	**1**	**0.8**
PZ-41S	**Benzene**	**2.2**	**ug/l**	**10/27/2011**	**1**	**1.2**
PZ-41S	**Benzene**	**1.4**	**ug/l**	**4/11/2012**	**1**	**0.4**
PZ-41S	**Benzene**	**2.3**	**ug/l**	**10/29/2012**	**1**	**1.3**
PZ-41S	**Benzene**	**1.4**	**ug/l**	**4/24/2013**	**1**	**0.4**
PZ-41S	**Benzene**	**1.3**	**ug/l**	**12/4/2013**	**1**	**0.3**
PZ-41S	**Benzene**	**1.1**	**ug/l**	**1/16/2014**	**1**	**0.1**

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
PZ-41S	Benzene	0.5	ug/l	5/19/2014	1	
PZ-41S	Benzene	0.4	ug/l	10/22/2014	1	
PZ-41S	Chlorobenzene	0.4	ug/l	10/15/2008	50	
PZ-41S	Chlorobenzene	0.3	ug/l	10/21/2009	50	
PZ-41S	Chlorobenzene	0.6	ug/l	10/19/2010	50	
PZ-41S	Chlorobenzene	0.4	ug/l	4/20/2011	50	
PZ-41S	Chlorobenzene	0.5	ug/l	10/27/2011	50	
PZ-41S	Chlorobenzene	0.3	ug/l	10/29/2012	50	
PZ-41S	Chloroethane	1.4	ug/l	10/15/2008	3000	
PZ-41S	Chloroethane	1.3	ug/l	10/21/2009	3000	
PZ-41S	Chloroethane	0.7	ug/l	4/20/2010	3000	
PZ-41S	Chloroethane	1.4	ug/l	10/19/2010	3000	
PZ-41S	Chloroethane	0.7	ug/l	10/27/2011	3000	
PZ-41S	Chloromethane	0.2	ug/l	4/22/2008	70	
PZ-41S	Chloromethane	0.9	ug/l	10/21/2009	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	0.3	ug/l	4/22/2008	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	2.3	ug/l	10/15/2008	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	0.8	ug/l	4/22/2009	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	2.5	ug/l	10/21/2009	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	1.1	ug/l	4/20/2010	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	11.2	ug/l	10/19/2010	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	9.3	ug/l	4/20/2011	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	8.3	ug/l	10/27/2011	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	4.8	ug/l	4/11/2012	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	7.5	ug/l	10/29/2012	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	4.6	ug/l	4/24/2013	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	4.5	ug/l	12/4/2013	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	5.0	ug/l	1/16/2014	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	2.0	ug/l	5/19/2014	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	1.6	ug/l	10/22/2014	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	1.0	ug/L	3/23/2015	70	
PZ-41S	cis-1,2-Dichloroethene (-ethylene)	0.7	ug/l	10/20/2015	70	
PZ-41S	Dichloromethane (Methylene chloride)	0.5	ug/l	4/22/2008	5	
PZ-41S	Dichloromethane (Methylene chloride)	5.0	ug/l	10/15/2008	5	
PZ-41S	Dichloromethane (Methylene chloride)	1.8	ug/l	4/22/2009	5	
PZ-41S	Dichloromethane (Methylene chloride)	3.9	ug/l	10/21/2009	5	
PZ-41S	Dichloromethane (Methylene chloride)	1.5	ug/l	4/20/2010	5	
PZ-41S	**Dichloromethane (Methylene chloride)**	**10.8**	**ug/l**	**10/19/2010**	**5**	**5.8**
PZ-41S	**Dichloromethane (Methylene chloride)**	**6.2**	**ug/l**	**4/20/2011**	**5**	**1.2**
PZ-41S	**Dichloromethane (Methylene chloride)**	**6.3**	**ug/l**	**10/27/2011**	**5**	**1.3**
PZ-41S	Dichloromethane (Methylene chloride)	1.8	ug/l	4/11/2012	5	
PZ-41S	Dichloromethane (Methylene chloride)	3.3	ug/l	10/29/2012	5	
PZ-41S	Dichloromethane (Methylene chloride)	0.7	ug/l	4/24/2013	5	
PZ-41S	Dichloromethane (Methylene chloride)	0.7	ug/l	1/16/2014	5	
PZ-41S	Tetrachloroethene (-ethylene)	0.7	ug/l	10/15/2008	0.7	
PZ-41S	Tetrachloroethene (-ethylene)	0.6	ug/l	4/22/2009	0.7	
PZ-41S	**Tetrachloroethene (-ethylene)**	**1.8**	**ug/l**	**10/21/2009**	**0.7**	**1.1**
PZ-41S	**Tetrachloroethene (-ethylene)**	**1.1**	**ug/l**	**4/20/2010**	**0.7**	**0.4**
PZ-41S	**Tetrachloroethene (-ethylene)**	**1.8**	**ug/l**	**10/19/2010**	**0.7**	**1.1**
PZ-41S	**Tetrachloroethene (-ethylene)**	**1.5**	**ug/l**	**4/20/2011**	**0.7**	**0.8**
PZ-41S	**Tetrachloroethene (-ethylene)**	**2.1**	**ug/l**	**10/27/2011**	**0.7**	**1.4**
PZ-41S	**Tetrachloroethene (-ethylene)**	**1.5**	**ug/l**	**4/11/2012**	**0.7**	**0.8**
PZ-41S	**Tetrachloroethene (-ethylene)**	**3.2**	**ug/l**	**10/29/2012**	**0.7**	**2.5**
PZ-41S	**Tetrachloroethene (-ethylene)**	**1.9**	**ug/l**	**4/24/2013**	**0.7**	**1.2**
PZ-41S	**Tetrachloroethene (-ethylene)**	**1.8**	**ug/l**	**12/4/2013**	**0.7**	**1.1**
PZ-41S	**Tetrachloroethene (-ethylene)**	**1.7**	**ug/l**	**1/16/2014**	**0.7**	**1**
PZ-41S	Tetrachloroethene (-ethylene)	0.7	ug/l	5/19/2014	0.7	

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Table 4

Historic Organic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
PZ-41S	Tetrachloroethene (-ethylene)	0.4	ug/l	10/22/2014	0.7	
PZ-41S	Trichloroethene (-ethylene)	0.2	ug/l	4/22/2008	3	
PZ-41S	Trichloroethene (-ethylene)	0.9	ug/l	10/15/2008	3	
PZ-41S	Trichloroethene (-ethylene)	0.4	ug/l	4/22/2009	3	
PZ-41S	Trichloroethene (-ethylene)	1.5	ug/l	10/21/2009	3	
PZ-41S	Trichloroethene (-ethylene)	0.8	ug/l	4/20/2010	3	
PZ-41S	Trichloroethene (-ethylene)	1.9	ug/l	10/19/2010	3	
PZ-41S	Trichloroethene (-ethylene)	1.4	ug/l	4/20/2011	3	
PZ-41S	Trichloroethene (-ethylene)	2.0	ug/l	10/27/2011	3	
PZ-41S	Trichloroethene (-ethylene)	1.3	ug/l	4/11/2012	3	
PZ-41S	Trichloroethene (-ethylene)	2.3	ug/l	10/29/2012	3	
PZ-41S	Trichloroethene (-ethylene)	1.3	ug/l	4/24/2013	3	
PZ-41S	Trichloroethene (-ethylene)	1.3	ug/l	12/4/2013	3	
PZ-41S	Trichloroethene (-ethylene)	1.3	ug/l	1/16/2014	3	
PZ-41S	Trichloroethene (-ethylene)	0.5	ug/l	5/19/2014	3	
PZ-41S	Trichloroethene (-ethylene)	0.4	ug/l	10/22/2014	3	
PZ-41S	Trichlorofluoromethane	0.2	ug/l	10/15/2008	2000	
PZ-41S	**Vinyl chloride**	**3.1**	**ug/l**	**10/15/2008**	**0.03**	**3.07**
PZ-41S	**Vinyl chloride**	**1.3**	**ug/l**	**4/22/2009**	**0.03**	**1.27**
PZ-41S	**Vinyl chloride**	**2.8**	**ug/l**	**10/21/2009**	**0.03**	**2.77**
PZ-41S	**Vinyl chloride**	**2.7**	**ug/l**	**4/20/2010**	**0.03**	**2.67**
PZ-41S	**Vinyl chloride**	**2.9**	**ug/l**	**10/19/2010**	**0.03**	**2.87**
PZ-41S	**Vinyl chloride**	**1.9**	**ug/l**	**4/20/2011**	**0.03**	**1.87**
PZ-41S	**Vinyl chloride**	**2.9**	**ug/l**	**10/27/2011**	**0.03**	**2.87**
PZ-41S	**Vinyl chloride**	**1.8**	**ug/l**	**4/11/2012**	**0.03**	**1.77**
PZ-41S	**Vinyl chloride**	**2.1**	**ug/l**	**10/29/2012**	**0.03**	**2.07**
PZ-41S	**Vinyl chloride**	**1.5**	**ug/l**	**4/24/2013**	**0.03**	**1.47**
PZ-41S	**Vinyl chloride**	**1.5**	**ug/l**	**12/4/2013**	**0.03**	**1.47**
PZ-41S	**Vinyl chloride**	**1.2**	**ug/l**	**1/16/2014**	**0.03**	**1.17**
PZ-41S	**Vinyl chloride**	**1.1**	**ug/l**	**5/19/2014**	**0.03**	**1.07**
PZ-41S	**Vinyl chloride**	**0.9**	**ug/l**	**10/22/2014**	**0.03**	**0.87**
PZ-41S	**Vinyl chloride**	**0.8**	**ug/l**	**10/20/2015**	**0.03**	**0.77**
PZ-41S	Xylene	2.7	ug/l	10/19/2010	500	
PZ-41S	Xylene	0.7	ug/l	4/20/2011	500	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
GP-28W	Antimony, total *	0.1	ug/l	12/4/2013	1	
GP-28W	Antimony, total *	0.2	ug/l	5/19/2014	1	
GP-28W	Antimony, total *	0.6	ug/l	10/22/2014	1	
GP-28W	Antimony, total *	0.1	ug/L	3/23/2015	1	
GP-28W	Antimony, total *	0.1	ug/l	10/20/2015	1	
GP-28W	Arsenic, total	1.9	ug/l	12/4/2013	10	
GP-28W	Arsenic, total	0.4	ug/l	5/19/2014	10	
GP-28W	Arsenic, total	0.9	ug/l	10/22/2014	10	
GP-28W	Arsenic, total	1.1	ug/l	10/20/2015	10	
GP-28W	Barium, total	88.0	ug/l	12/4/2013	700	
GP-28W	Barium, total	89.4	ug/l	5/19/2014	700	
GP-28W	Barium, total	76.1	ug/l	10/22/2014	700	
GP-28W	Barium, total	73.0	ug/L	3/23/2015	700	
GP-28W	Barium, total	105.0	ug/l	10/20/2015	700	
GP-28W	Beryllium, total *	0.4	ug/l	12/4/2013	4	
GP-28W	Beryllium, total *	0.5	ug/l	5/19/2014	4	
GP-28W	Beryllium, total *	0.3	ug/l	10/22/2014	4	
GP-28W	Beryllium, total *	0.3	ug/L	3/23/2015	4	
GP-28W	Beryllium, total *	0.6	ug/l	10/20/2015	4	
GP-28W	Cadmium, total	0.6	ug/l	12/4/2013	2	
GP-28W	Cadmium, total	0.1	ug/l	5/19/2014	2	
GP-28W	Cadmium, total	0.1	ug/l	10/22/2014	2	
GP-28W	Cadmium, total	0.1	ug/L	3/23/2015	2	
GP-28W	Cadmium, total	0.1	ug/l	10/20/2015	2	
GP-28W	Chromium, total	10.0	ug/l	12/4/2013	10	
GP-28W	**Chromium, total**	**12.0**	**ug/l**	**5/19/2014**	**10**	**2**
GP-28W	Chromium, total	5.9	ug/l	10/22/2014	10	
GP-28W	Chromium, total	1.9	ug/L	3/23/2015	10	
GP-28W	**Chromium, total**	**13.0**	**ug/l**	**10/20/2015**	**10**	**3**
GP-28W	**Cobalt, total ***	**1.1**	**ug/l**	**12/4/2013**	**1**	**0.1**
GP-28W	Cobalt, total *	1.0	ug/l	5/19/2014	1	
GP-28W	Cobalt, total *	0.9	ug/l	10/22/2014	1	
GP-28W	**Cobalt, total ***	**1.2**	**ug/L**	**3/23/2015**	**1**	**0.2**
GP-28W	Cobalt, total *	1.0	ug/l	10/20/2015	1	
GP-28W	Copper, total	4.2	ug/l	12/4/2013	1000	
GP-28W	Copper, total	4.6	ug/l	5/19/2014	1000	
GP-28W	Copper, total	1.6	ug/l	10/22/2014	1000	
GP-28W	Copper, total	1.6	ug/L	3/23/2015	1000	
GP-28W	Copper, total	3.0	ug/l	10/20/2015	1000	
GP-28W	Lead, total	10.0	ug/l	12/4/2013	15	
GP-28W	**Lead, total**	**34.0**	**ug/l**	**5/19/2014**	**15**	**19**
GP-28W	Lead, total	5.1	ug/l	10/22/2014	15	
GP-28W	Lead, total	2.4	ug/L	3/23/2015	15	
GP-28W	Lead, total	13.0	ug/l	10/20/2015	15	
GP-28W	Nickel, total	2.7	ug/l	12/4/2013	100	
GP-28W	Nickel, total	2.2	ug/l	5/19/2014	100	
GP-28W	Nickel, total	1.6	ug/l	10/22/2014	100	
GP-28W	Nickel, total	2.0	ug/L	3/23/2015	100	
GP-28W	Nickel, total	1.9	ug/l	10/20/2015	100	
GP-28W	Selenium, total	0.9	ug/l	12/4/2013	20	
GP-28W	Selenium, total	0.3	ug/l	5/19/2014	20	
GP-28W	Selenium, total	0.5	ug/l	10/22/2014	20	
GP-28W	Selenium, total	0.5	ug/l	10/20/2015	20	
GP-28W	Thallium, total *	0.1	ug/l	12/4/2013	0.28	
GP-28W	Thallium, total *	0.1	ug/l	5/19/2014	0.28	
GP-28W	Thallium, total *	0.1	ug/l	10/20/2015	0.28	
GP-28W	**Vanadium ***	**17.0**	**ug/l**	**12/4/2013**	**0.3**	**16.7**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
GP-28W	**Vanadium ***	**19.8**	**ug/l**	**5/19/2014**	**0.3**	**19.5**
GP-28W	**Vanadium ***	**10.1**	**ug/l**	**10/22/2014**	**0.3**	**9.8**
GP-28W	**Vanadium ***	**3.3**	**ug/L**	**3/23/2015**	**0.3**	**3**
GP-28W	**Vanadium ***	**31.0**	**ug/l**	**10/20/2015**	**0.3**	**30.7**
GP-28W	Zinc	8.6	ug/l	12/4/2013	1000	
GP-28W	Zinc	20.0	ug/l	5/19/2014	1000	
GP-28W	Zinc	3.6	ug/l	10/22/2014	1000	
GP-28W	Zinc	13.0	ug/L	3/23/2015	1000	
GP-28W	Zinc	6.4	ug/l	10/20/2015	1000	
GP-30W	Antimony, total *	0.1	ug/l	12/4/2013	1	
GP-30W	Antimony, total *	0.1	ug/l	5/19/2014	1	
GP-30W	Antimony, total *	0.2	ug/l	10/22/2014	1	
GP-30W	Antimony, total *	0.3	ug/L	3/23/2015	1	
GP-30W	Antimony, total *	0.1	ug/l	10/20/2015	1	
GP-30W	Arsenic, total	7.0	ug/l	12/4/2013	10	
GP-30W	Arsenic, total	1.6	ug/l	5/19/2014	10	
GP-30W	Arsenic, total	2.0	ug/l	10/22/2014	10	
GP-30W	Arsenic, total	3.5	ug/L	3/23/2015	10	
GP-30W	Arsenic, total	3.0	ug/l	10/20/2015	10	
GP-30W	Barium, total	68.6	ug/l	12/4/2013	700	
GP-30W	Barium, total	46.9	ug/l	5/19/2014	700	
GP-30W	Barium, total	48.8	ug/l	10/22/2014	700	
GP-30W	Barium, total	72.0	ug/L	3/23/2015	700	
GP-30W	Barium, total	83.4	ug/l	10/20/2015	700	
GP-30W	Beryllium, total *	0.4	ug/l	12/4/2013	4	
GP-30W	Beryllium, total *	0.2	ug/l	5/19/2014	4	
GP-30W	Beryllium, total *	0.2	ug/l	10/22/2014	4	
GP-30W	Beryllium, total *	0.2	ug/L	3/23/2015	4	
GP-30W	Beryllium, total *	0.5	ug/l	10/20/2015	4	
GP-30W	Cadmium, total	0.4	ug/l	12/4/2013	2	
GP-30W	Cadmium, total	0.1	ug/l	5/19/2014	2	
GP-30W	Cadmium, total	0.2	ug/l	10/22/2014	2	
GP-30W	Cadmium, total	0.3	ug/l	10/20/2015	2	
GP-30W	**Chromium, total**	**41.0**	**ug/l**	**12/4/2013**	**10**	**31**
GP-30W	**Chromium, total**	**15.0**	**ug/l**	**5/19/2014**	**10**	**5**
GP-30W	**Chromium, total**	**21.0**	**ug/l**	**10/22/2014**	**10**	**11**
GP-30W	**Chromium, total**	**28.0**	**ug/L**	**3/23/2015**	**10**	**18**
GP-30W	**Chromium, total**	**63.0**	**ug/l**	**10/20/2015**	**10**	**53**
GP-30W	**Cobalt, total ***	**1.2**	**ug/l**	**12/4/2013**	**1**	**0.2**
GP-30W	Cobalt, total *	0.7	ug/l	5/19/2014	1	
GP-30W	Cobalt, total *	0.8	ug/l	10/22/2014	1	
GP-30W	**Cobalt, total ***	**1.6**	**ug/L**	**3/23/2015**	**1**	**0.6**
GP-30W	Copper, total	8.0	ug/l	12/4/2013	1000	
GP-30W	Copper, total	4.3	ug/l	5/19/2014	1000	
GP-30W	Copper, total	4.6	ug/l	10/22/2014	1000	
GP-30W	Copper, total	8.6	ug/L	3/23/2015	1000	
GP-30W	Copper, total	13.0	ug/l	10/20/2015	1000	
GP-30W	**Iron, total**	**30280.0**	**ug/l**	**12/4/2013**	**300**	**29980**
GP-30W	**Iron, total**	**30280.0**	**ug/l**	**12/4/2013**	**300**	**29980**
GP-30W	**Iron, total**	**571.0**	**ug/l**	**5/19/2014**	**300**	**271**
GP-30W	**Iron, total**	**571.0**	**ug/l**	**5/19/2014**	**300**	**271**
GP-30W	**Iron, total**	**18000.0**	**ug/L**	**3/23/2015**	**300**	**17700**
GP-30W	**Iron, total**	**18000.0**	**ug/L**	**3/23/2015**	**300**	**17700**
GP-30W	**Lead, total**	**22.0**	**ug/l**	**12/4/2013**	**15**	**7**
GP-30W	Lead, total	11.0	ug/l	5/19/2014	15	
GP-30W	Lead, total	13.0	ug/l	10/22/2014	15	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
GP-30W	Lead, total	14.0	ug/L	3/23/2015	15	
GP-30W	**Lead, total**	**29.0**	**ug/l**	**10/20/2015**	**15**	**14**
GP-30W	Nickel, total	4.5	ug/l	12/4/2013	100	
GP-30W	Nickel, total	2.0	ug/l	5/19/2014	100	
GP-30W	Nickel, total	2.1	ug/l	10/22/2014	100	
GP-30W	Nickel, total	4.3	ug/L	3/23/2015	100	
GP-30W	Nickel, total	2.8	ug/l	10/20/2015	100	
GP-30W	Selenium, total	2.8	ug/l	12/4/2013	20	
GP-30W	Selenium, total	0.9	ug/l	5/19/2014	20	
GP-30W	Selenium, total	1.3	ug/l	10/22/2014	20	
GP-30W	Selenium, total	1.1	ug/L	3/23/2015	20	
GP-30W	Selenium, total	1.5	ug/l	10/20/2015	20	
GP-30W	Thallium, total *	0.2	ug/l	12/4/2013	0.28	
GP-30W	Thallium, total *	0.1	ug/l	5/19/2014	0.28	
GP-30W	Thallium, total *	0.1	ug/L	3/23/2015	0.28	
GP-30W	Thallium, total *	0.2	ug/l	10/20/2015	0.28	
GP-30W	**Vanadium ***	**52.0**	**ug/l**	**12/4/2013**	**0.3**	**51.7**
GP-30W	**Vanadium ***	**17.7**	**ug/l**	**5/19/2014**	**0.3**	**17.4**
GP-30W	**Vanadium ***	**27.0**	**ug/l**	**10/22/2014**	**0.3**	**26.7**
GP-30W	**Vanadium ***	**36.0**	**ug/L**	**3/23/2015**	**0.3**	**35.7**
GP-30W	**Vanadium ***	**70.0**	**ug/l**	**10/20/2015**	**0.3**	**69.7**
GP-30W	Zinc	30.0	ug/l	12/4/2013	1000	
GP-30W	Zinc	7.4	ug/l	5/19/2014	1000	
GP-30W	Zinc	8.9	ug/l	10/22/2014	1000	
GP-30W	Zinc	42.0	ug/L	3/23/2015	1000	
GP-30W	Zinc	20.0	ug/l	10/20/2015	1000	
MW-1	Antimony, total *	0.5	ug/l	10/16/2008	1	
MW-1	Antimony, total *	0.2	ug/l	4/22/2009	1	
MW-1	Antimony, total *	0.6	ug/l	10/22/2009	1	
MW-1	Antimony, total *	0.5	ug/l	4/21/2010	1	
MW-1	Antimony, total *	0.3	ug/l	10/27/2011	1	
MW-1	Antimony, total *	0.3	ug/l	4/12/2012	1	
MW-1	Antimony, total *	0.7	ug/l	10/30/2012	1	
MW-1	Antimony, total *	0.6	ug/l	4/25/2013	1	
MW-1	Antimony, total *	0.8	ug/l	10/20/2015	1	
MW-1	Arsenic, total	0.3	ug/l	10/16/2008	10	
MW-1	Arsenic, total	0.2	ug/l	4/22/2009	10	
MW-1	Arsenic, total	0.5	ug/l	10/22/2009	10	
MW-1	Arsenic, total	0.3	ug/l	4/21/2010	10	
MW-1	Arsenic, total	0.4	ug/l	4/21/2011	10	
MW-1	Arsenic, total	0.2	ug/l	10/27/2011	10	
MW-1	Arsenic, total	0.2	ug/l	4/12/2012	10	
MW-1	Arsenic, total	0.2	ug/l	10/30/2012	10	
MW-1	Arsenic, total	0.3	ug/l	4/25/2013	10	
MW-1	Arsenic, total	0.5	ug/l	12/4/2013	10	
MW-1	Arsenic, total	0.1	ug/l	5/19/2014	10	
MW-1	Arsenic, total	0.8	ug/l	10/22/2014	10	
MW-1	Arsenic, total	0.6	ug/l	10/20/2015	10	
MW-1	Barium, total	25.2	ug/l	10/1/1994	700	
MW-1	Barium, total	24.0	ug/l	11/1/1994	700	
MW-1	Barium, total	17.0	ug/l	1/1/1995	700	
MW-1	Barium, total	58.6	ug/l	3/1/1995	700	
MW-1	Barium, total	83.0	ug/l	10/1/1997	700	
MW-1	Barium, total	100.0	ug/l	10/1/1998	700	
MW-1	Barium, total	37.7	ug/l	4/23/2008	700	
MW-1	Barium, total	24.2	ug/l	10/16/2008	700	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-1	Barium, total	32.3	ug/l	4/22/2009	700	
MW-1	Barium, total	36.0	ug/l	10/22/2009	700	
MW-1	Barium, total	17.9	ug/l	4/21/2010	700	
MW-1	Barium, total	26.2	ug/l	10/20/2010	700	
MW-1	Barium, total	26.9	ug/l	4/21/2011	700	
MW-1	Barium, total	25.9	ug/l	10/27/2011	700	
MW-1	Barium, total	38.3	ug/l	4/12/2012	700	
MW-1	Barium, total	31.4	ug/l	10/30/2012	700	
MW-1	Barium, total	28.8	ug/l	4/25/2013	700	
MW-1	Barium, total	35.4	ug/l	12/4/2013	700	
MW-1	Barium, total	51.1	ug/l	5/19/2014	700	
MW-1	Barium, total	81.1	ug/l	10/22/2014	700	
MW-1	Barium, total	22.0	ug/L	3/23/2015	700	
MW-1	Barium, total	43.6	ug/l	10/20/2015	700	
MW-1	**Beryllium, total ***	**24.0**	**ug/l**	**1/1/1995**	**4**	**20**
MW-1	**Beryllium, total ***	**6.0**	**ug/l**	**3/1/1995**	**4**	**2**
MW-1	Beryllium, total *	2.0	ug/l	9/1/1995	4	
MW-1	Beryllium, total *	2.7	ug/l	10/1/1996	4	
MW-1	**Beryllium, total ***	**5.7**	**ug/l**	**4/1/1997**	**4**	**1.69**
MW-1	Beryllium, total *	1.0	ug/l	10/1/1997	4	
MW-1	Beryllium, total *	4.0	ug/l	4/1/1998	4	
MW-1	Beryllium, total *	3.0	ug/l	10/1/1998	4	
MW-1	Beryllium, total *	2.0	ug/l	10/1/1999	4	
MW-1	Beryllium, total *	2.0	ug/l	4/1/2002	4	
MW-1	Beryllium, total *	0.9	ug/l	4/23/2008	4	
MW-1	Beryllium, total *	0.7	ug/l	10/16/2008	4	
MW-1	Beryllium, total *	0.8	ug/l	4/22/2009	4	
MW-1	Beryllium, total *	1.0	ug/l	10/22/2009	4	
MW-1	Beryllium, total *	0.9	ug/l	4/21/2010	4	
MW-1	Beryllium, total *	0.8	ug/l	10/20/2010	4	
MW-1	Beryllium, total *	0.7	ug/l	4/21/2011	4	
MW-1	Beryllium, total *	0.7	ug/l	10/27/2011	4	
MW-1	Beryllium, total *	0.9	ug/l	4/12/2012	4	
MW-1	Beryllium, total *	0.8	ug/l	10/30/2012	4	
MW-1	Beryllium, total *	0.7	ug/l	4/25/2013	4	
MW-1	Beryllium, total *	1.0	ug/l	12/4/2013	4	
MW-1	Beryllium, total *	2.0	ug/l	5/19/2014	4	
MW-1	Beryllium, total *	2.0	ug/l	10/22/2014	4	
MW-1	Beryllium, total *	0.8	ug/L	3/23/2015	4	
MW-1	Beryllium, total *	1.0	ug/l	10/20/2015	4	
MW-1	Cadmium, total	0.8	ug/l	10/1/1994	2	
MW-1	Cadmium, total	1.0	ug/l	11/1/1994	2	
MW-1	**Cadmium, total**	**4.0**	**ug/l**	**1/1/1995**	**2**	**2**
MW-1	Cadmium, total	1.0	ug/l	3/1/1995	2	
MW-1	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-1	Cadmium, total	0.1	ug/l	10/16/2008	2	
MW-1	Cadmium, total	0.1	ug/l	4/22/2009	2	
MW-1	Cadmium, total	0.1	ug/l	10/22/2009	2	
MW-1	Cadmium, total	0.2	ug/l	4/21/2010	2	
MW-1	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-1	Cadmium, total	0.1	ug/l	10/27/2011	2	
MW-1	Cadmium, total	0.1	ug/l	4/12/2012	2	
MW-1	Cadmium, total	0.1	ug/l	12/4/2013	2	
MW-1	Cadmium, total	0.2	ug/l	5/19/2014	2	
MW-1	Cadmium, total	0.1	ug/l	10/22/2014	2	
MW-1	Cadmium, total	0.1	ug/l	10/20/2015	2	
MW-1	Chromium, total	5.0	ug/l	10/1/1994	10	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-1	**Chromium, total**	**18.0**	**ug/l**	**1/1/1995**	**10**	**8**
MW-1	**Chromium, total**	**11.0**	**ug/l**	**3/1/1995**	**10**	**1**
MW-1	**Chromium, total**	**12.6**	**ug/l**	**4/1/1997**	**10**	**2.6**
MW-1	**Chromium, total**	**20.0**	**ug/l**	**4/1/1998**	**10**	**10**
MW-1	Chromium, total	0.2	ug/l	4/12/2012	10	
MW-1	Chromium, total	0.3	ug/l	12/4/2013	10	
MW-1	Chromium, total	1.4	ug/l	10/22/2014	10	
MW-1	Chromium, total	0.8	ug/L	3/23/2015	10	
MW-1	**Cobalt, total ***	**16.0**	**ug/l**	**1/1/1995**	**1**	**15**
MW-1	Cobalt, total *	0.5	ug/l	4/23/2008	1	
MW-1	Cobalt, total *	0.1	ug/l	10/16/2008	1	
MW-1	Cobalt, total *	0.6	ug/l	4/22/2009	1	
MW-1	Cobalt, total *	0.4	ug/l	10/22/2009	1	
MW-1	Cobalt, total *	0.7	ug/l	4/21/2010	1	
MW-1	Cobalt, total *	0.4	ug/l	10/20/2010	1	
MW-1	Cobalt, total *	0.4	ug/l	4/21/2011	1	
MW-1	Cobalt, total *	0.4	ug/l	10/27/2011	1	
MW-1	Cobalt, total *	0.2	ug/l	4/12/2012	1	
MW-1	Cobalt, total *	0.5	ug/l	10/30/2012	1	
MW-1	Cobalt, total *	0.3	ug/l	4/25/2013	1	
MW-1	Cobalt, total *	0.4	ug/l	12/4/2013	1	
MW-1	Cobalt, total *	0.6	ug/l	5/19/2014	1	
MW-1	Cobalt, total *	0.6	ug/l	10/22/2014	1	
MW-1	Cobalt, total *	0.4	ug/L	3/23/2015	1	
MW-1	Cobalt, total *	0.3	ug/l	10/20/2015	1	
MW-1	Copper, total	17.0	ug/l	10/1/1994	1000	
MW-1	Copper, total	78.0	ug/l	1/1/1995	1000	
MW-1	Copper, total	18.0	ug/l	3/1/1995	1000	
MW-1	Copper, total	7.0	ug/l	10/1/1997	1000	
MW-1	Copper, total	1.0	ug/l	4/23/2008	1000	
MW-1	Copper, total	0.4	ug/l	10/16/2008	1000	
MW-1	Copper, total	0.5	ug/l	4/22/2009	1000	
MW-1	Copper, total	4.7	ug/l	10/22/2009	1000	
MW-1	Copper, total	3.7	ug/l	4/21/2010	1000	
MW-1	Copper, total	2.5	ug/l	10/20/2010	1000	
MW-1	Copper, total	1.6	ug/l	4/21/2011	1000	
MW-1	Copper, total	1.7	ug/l	10/27/2011	1000	
MW-1	Copper, total	0.9	ug/l	4/12/2012	1000	
MW-1	Copper, total	0.9	ug/l	10/30/2012	1000	
MW-1	Copper, total	0.2	ug/l	4/25/2013	1000	
MW-1	Copper, total	1.5	ug/l	12/4/2013	1000	
MW-1	Copper, total	1.8	ug/l	5/19/2014	1000	
MW-1	Copper, total	2.0	ug/l	10/22/2014	1000	
MW-1	Copper, total	0.5	ug/L	3/23/2015	1000	
MW-1	Copper, total	1.6	ug/l	10/20/2015	1000	
MW-1	Lead, total	5.0	ug/l	10/1/1994	15	
MW-1	Lead, total	10.4	ug/l	1/1/1995	15	
MW-1	Lead, total	10.4	ug/l	3/1/1995	15	
MW-1	**Lead, total**	**20.0**	**ug/l**	**9/1/1995**	**15**	**5**
MW-1	**Lead, total**	**28.0**	**ug/l**	**4/1/1997**	**15**	**13**
MW-1	**Lead, total**	**18.0**	**ug/l**	**10/1/1997**	**15**	**3**
MW-1	Lead, total	0.3	ug/l	4/23/2008	15	
MW-1	Lead, total	0.3	ug/l	10/16/2008	15	
MW-1	Lead, total	0.1	ug/l	4/22/2009	15	
MW-1	Lead, total	0.3	ug/l	10/22/2009	15	
MW-1	Lead, total	0.3	ug/l	4/21/2010	15	
MW-1	Lead, total	0.2	ug/l	4/21/2011	15	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-1	Lead, total	0.2	ug/l	10/27/2011	15	
MW-1	Lead, total	0.2	ug/l	4/12/2012	15	
MW-1	Lead, total	0.2	ug/l	10/30/2012	15	
MW-1	Lead, total	0.1	ug/l	4/25/2013	15	
MW-1	Lead, total	0.6	ug/l	12/4/2013	15	
MW-1	Lead, total	1.0	ug/l	5/19/2014	15	
MW-1	Lead, total	3.8	ug/l	10/22/2014	15	
MW-1	Lead, total	0.2	ug/L	3/23/2015	15	
MW-1	Lead, total	1.1	ug/l	10/20/2015	15	
MW-1	Nickel, total	30.0	ug/l	1/1/1995	100	
MW-1	Nickel, total	0.5	ug/l	4/23/2008	100	
MW-1	Nickel, total	0.4	ug/l	10/16/2008	100	
MW-1	Nickel, total	0.6	ug/l	4/22/2009	100	
MW-1	Nickel, total	1.0	ug/l	10/22/2009	100	
MW-1	Nickel, total	0.5	ug/l	4/21/2010	100	
MW-1	Nickel, total	0.2	ug/l	4/21/2011	100	
MW-1	Nickel, total	1.1	ug/l	10/27/2011	100	
MW-1	Nickel, total	0.8	ug/l	4/12/2012	100	
MW-1	Nickel, total	0.8	ug/l	10/30/2012	100	
MW-1	Nickel, total	0.5	ug/l	4/25/2013	100	
MW-1	Nickel, total	1.2	ug/l	12/4/2013	100	
MW-1	Nickel, total	1.2	ug/l	5/19/2014	100	
MW-1	Nickel, total	1.1	ug/l	10/22/2014	100	
MW-1	Nickel, total	0.5	ug/L	3/23/2015	100	
MW-1	Nickel, total	0.5	ug/l	10/20/2015	100	
MW-1	Selenium, total	0.7	ug/l	10/22/2009	20	
MW-1	Selenium, total	0.5	ug/l	4/21/2011	20	
MW-1	Selenium, total	2.1	ug/l	4/12/2012	20	
MW-1	Selenium, total	0.1	ug/l	4/25/2013	20	
MW-1	Selenium, total	0.2	ug/l	10/22/2014	20	
MW-1	Silver, total	0.1	ug/l	4/21/2010	20	
MW-1	Silver, total	0.1	ug/l	10/27/2011	20	
MW-1	Silver, total	0.1	ug/l	4/12/2012	20	
MW-1	Thallium, total *	0.1	ug/l	4/22/2009	0.28	
MW-1	Thallium, total *	0.1	ug/l	4/21/2010	0.28	
MW-1	Thallium, total *	0.2	ug/l	4/21/2011	0.28	
MW-1	Thallium, total *	0.1	ug/l	10/27/2011	0.28	
MW-1	Thallium, total *	0.1	ug/l	4/12/2012	0.28	
MW-1	Thallium, total *	0.1	ug/l	10/30/2012	0.28	
MW-1	Thallium, total *	0.3	ug/l	4/25/2013	0.28	
MW-1	Tin, dissolved *	1.0	ug/l	4/1/1997	2000	
MW-1	Tin, dissolved *	1.0	ug/l	10/1/1997	2000	
MW-1	**Vanadium ***	**20.0**	**ug/l**	**10/1/1994**	**0.3**	**19.7**
MW-1	**Vanadium ***	**83.0**	**ug/l**	**1/1/1995**	**0.3**	**82.7**
MW-1	**Vanadium ***	**0.4**	**ug/l**	**4/23/2008**	**0.3**	**0.1**
MW-1	Vanadium *	0.3	ug/l	10/16/2008	0.3	
MW-1	**Vanadium ***	**0.8**	**ug/l**	**4/22/2009**	**0.3**	**0.5**
MW-1	**Vanadium ***	**1.4**	**ug/l**	**10/22/2009**	**0.3**	**1.1**
MW-1	Vanadium *	0.3	ug/l	4/21/2010	0.3	
MW-1	**Vanadium ***	**0.9**	**ug/l**	**10/20/2010**	**0.3**	**0.6**
MW-1	**Vanadium ***	**0.6**	**ug/l**	**4/21/2011**	**0.3**	**0.31**
MW-1	**Vanadium ***	**0.3**	**ug/l**	**10/27/2011**	**0.3**	**0.02**
MW-1	**Vanadium ***	**0.7**	**ug/l**	**10/30/2012**	**0.3**	**0.4**
MW-1	**Vanadium ***	**0.8**	**ug/l**	**4/25/2013**	**0.3**	**0.48**
MW-1	**Vanadium ***	**1.4**	**ug/l**	**12/4/2013**	**0.3**	**1.1**
MW-1	**Vanadium ***	**1.1**	**ug/l**	**5/19/2014**	**0.3**	**0.8**
MW-1	**Vanadium ***	**4.6**	**ug/l**	**10/22/2014**	**0.3**	**4.3**

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-1	**Vanadium ***	**1.4**	**ug/L**	**3/23/2015**	**0.3**	**1.1**
MW-1	**Vanadium ***	**2.3**	**ug/l**	**10/20/2015**	**0.3**	**2**
MW-1	Zinc	98.0	ug/l	10/1/1994	1000	
MW-1	Zinc	12.0	ug/l	11/1/1994	1000	
MW-1	Zinc	237.0	ug/l	1/1/1995	1000	
MW-1	Zinc	38.0	ug/l	3/1/1995	1000	
MW-1	Zinc	80.0	ug/l	9/1/1995	1000	
MW-1	Zinc	64.7	ug/l	4/1/1997	1000	
MW-1	Zinc	80.0	ug/l	4/1/2004	1000	
MW-1	Zinc	11.0	ug/l	5/1/2007	1000	
MW-1	Zinc	3.8	ug/l	4/23/2008	1000	
MW-1	Zinc	3.8	ug/l	10/16/2008	1000	
MW-1	Zinc	2.3	ug/l	4/22/2009	1000	
MW-1	Zinc	5.0	ug/l	10/22/2009	1000	
MW-1	Zinc	3.5	ug/l	4/21/2010	1000	
MW-1	Zinc	2.3	ug/l	10/20/2010	1000	
MW-1	Zinc	3.1	ug/l	4/21/2011	1000	
MW-1	Zinc	3.3	ug/l	10/27/2011	1000	
MW-1	Zinc	3.3	ug/l	4/12/2012	1000	
MW-1	Zinc	4.8	ug/l	10/30/2012	1000	
MW-1	Zinc	2.9	ug/l	4/25/2013	1000	
MW-1	Zinc	5.3	ug/l	12/4/2013	1000	
MW-1	Zinc	5.2	ug/l	5/19/2014	1000	
MW-1	Zinc	6.3	ug/l	10/22/2014	1000	
MW-1	Zinc	9.6	ug/L	3/23/2015	1000	
MW-1	Zinc	3.8	ug/l	10/20/2015	1000	
MW-10	Antimony, total *	0.1	ug/l	4/23/2008	1	
MW-10	Antimony, total *	0.3	ug/l	4/22/2009	1	
MW-10	Antimony, total *	0.1	ug/l	10/22/2009	1	
MW-10	Antimony, total *	0.2	ug/l	10/20/2010	1	
MW-10	Antimony, total *	0.4	ug/l	10/31/2012	1	
MW-10	Antimony, total *	0.1	ug/l	4/25/2013	1	
MW-10	Antimony, total *	0.1	ug/l	12/4/2013	1	
MW-10	Antimony, total *	0.1	ug/l	5/19/2014	1	
MW-10	Antimony, total *	0.1	ug/L	3/23/2015	1	
MW-10	Antimony, total *	0.1	ug/l	10/20/2015	1	
MW-10	Arsenic, total	9.1	ug/l	4/23/2008	10	
MW-10	Arsenic, total	2.6	ug/l	10/16/2008	10	
MW-10	**Arsenic, total**	**16.0**	**ug/l**	**4/22/2009**	**10**	**6**
MW-10	Arsenic, total	4.8	ug/l	10/22/2009	10	
MW-10	Arsenic, total	5.6	ug/l	4/21/2010	10	
MW-10	Arsenic, total	7.0	ug/l	10/20/2010	10	
MW-10	Arsenic, total	1.2	ug/l	4/21/2011	10	
MW-10	Arsenic, total	2.1	ug/l	4/12/2012	10	
MW-10	Arsenic, total	7.0	ug/l	10/31/2012	10	
MW-10	Arsenic, total	0.7	ug/l	4/25/2013	10	
MW-10	Arsenic, total	2.7	ug/l	12/4/2013	10	
MW-10	Arsenic, total	0.1	ug/l	5/19/2014	10	
MW-10	Arsenic, total	2.3	ug/l	10/22/2014	10	
MW-10	Arsenic, total	1.6	ug/l	10/20/2015	10	
MW-10	Barium, total	76.7	ug/l	4/23/2008	700	
MW-10	Barium, total	31.8	ug/l	10/16/2008	700	
MW-10	Barium, total	83.9	ug/l	4/22/2009	700	
MW-10	Barium, total	85.1	ug/l	10/22/2009	700	
MW-10	Barium, total	49.6	ug/l	4/21/2010	700	
MW-10	Barium, total	117.0	ug/l	10/20/2010	700	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-10	Barium, total	90.1	ug/l	4/21/2011	700	
MW-10	Barium, total	71.4	ug/l	4/12/2012	700	
MW-10	Barium, total	88.3	ug/l	10/31/2012	700	
MW-10	Barium, total	38.2	ug/l	4/25/2013	700	
MW-10	Barium, total	57.6	ug/l	12/4/2013	700	
MW-10	Barium, total	18.8	ug/l	5/19/2014	700	
MW-10	Barium, total	28.7	ug/l	10/22/2014	700	
MW-10	Barium, total	33.0	ug/L	3/23/2015	700	
MW-10	Barium, total	17.8	ug/l	10/20/2015	700	
MW-10	Beryllium, total *	0.2	ug/l	10/22/2009	4	
MW-10	Beryllium, total *	0.1	ug/l	4/21/2010	4	
MW-10	Beryllium, total *	0.1	ug/l	10/20/2010	4	
MW-10	Beryllium, total *	0.1	ug/l	4/21/2011	4	
MW-10	Beryllium, total *	0.4	ug/l	4/12/2012	4	
MW-10	Beryllium, total *	0.4	ug/l	10/31/2012	4	
MW-10	Beryllium, total *	0.1	ug/l	4/25/2013	4	
MW-10	Beryllium, total *	0.6	ug/l	12/4/2013	4	
MW-10	Beryllium, total *	0.1	ug/l	5/19/2014	4	
MW-10	Beryllium, total *	0.2	ug/l	10/22/2014	4	
MW-10	Beryllium, total *	0.2	ug/L	3/23/2015	4	
MW-10	Beryllium, total *	0.1	ug/l	10/20/2015	4	
MW-10	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-10	Cadmium, total	0.1	ug/l	10/16/2008	2	
MW-10	Cadmium, total	0.1	ug/l	4/22/2009	2	
MW-10	Cadmium, total	0.1	ug/l	10/22/2009	2	
MW-10	Cadmium, total	0.2	ug/l	4/21/2010	2	
MW-10	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-10	Cadmium, total	0.4	ug/l	4/21/2011	2	
MW-10	Cadmium, total	0.4	ug/l	4/12/2012	2	
MW-10	Cadmium, total	0.6	ug/l	10/31/2012	2	
MW-10	Cadmium, total	0.1	ug/l	4/25/2013	2	
MW-10	Cadmium, total	0.2	ug/l	12/4/2013	2	
MW-10	**Chromium, total**	**14.0**	**ug/l**	**4/1/2001**	**10**	**4**
MW-10	**Chromium, total**	**13.0**	**ug/l**	**4/1/2002**	**10**	**3**
MW-10	**Chromium, total**	**11.8**	**ug/l**	**10/1/2002**	**10**	**1.8**
MW-10	**Chromium, total**	**12.0**	**ug/l**	**10/1/2005**	**10**	**2**
MW-10	Chromium, total	1.0	ug/l	4/23/2008	10	
MW-10	Chromium, total	2.3	ug/l	10/16/2008	10	
MW-10	Chromium, total	1.1	ug/l	4/22/2009	10	
MW-10	Chromium, total	0.6	ug/l	10/22/2009	10	
MW-10	Chromium, total	1.1	ug/l	4/21/2010	10	
MW-10	Chromium, total	1.4	ug/l	10/20/2010	10	
MW-10	Chromium, total	2.1	ug/l	4/21/2011	10	
MW-10	Chromium, total	7.2	ug/l	4/12/2012	10	
MW-10	Chromium, total	5.8	ug/l	10/31/2012	10	
MW-10	Chromium, total	1.4	ug/l	4/25/2013	10	
MW-10	**Chromium, total**	**12.0**	**ug/l**	**12/4/2013**	**10**	**2**
MW-10	Chromium, total	0.4	ug/l	5/19/2014	10	
MW-10	Chromium, total	4.7	ug/l	10/22/2014	10	
MW-10	Chromium, total	1.3	ug/L	3/23/2015	10	
MW-10	Chromium, total	0.7	ug/l	10/20/2015	10	
MW-10	**Cobalt, total ***	**3.1**	**ug/l**	**4/23/2008**	**1**	**2.1**
MW-10	Cobalt, total *	0.7	ug/l	10/16/2008	1	
MW-10	**Cobalt, total ***	**3.7**	**ug/l**	**4/22/2009**	**1**	**2.7**
MW-10	Cobalt, total *	0.9	ug/l	10/22/2009	1	
MW-10	**Cobalt, total ***	**2.2**	**ug/l**	**4/21/2010**	**1**	**1.2**
MW-10	Cobalt, total *	0.5	ug/l	10/20/2010	1	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-10	Cobalt, total *	0.4	ug/l	4/21/2011	1	
MW-10	**Cobalt, total ***	**1.2**	**ug/l**	**4/12/2012**	**1**	**0.2**
MW-10	**Cobalt, total ***	**1.2**	**ug/l**	**10/31/2012**	**1**	**0.2**
MW-10	Cobalt, total *	0.9	ug/l	4/25/2013	1	
MW-10	Cobalt, total *	1.0	ug/l	12/4/2013	1	
MW-10	Cobalt, total *	0.2	ug/l	5/19/2014	1	
MW-10	Cobalt, total *	0.5	ug/l	10/22/2014	1	
MW-10	Cobalt, total *	0.8	ug/L	3/23/2015	1	
MW-10	Cobalt, total *	0.3	ug/l	10/20/2015	1	
MW-10	Copper, total	18.0	ug/l	10/1/2007	1000	
MW-10	Copper, total	21.0	ug/l	4/1/2008	1000	
MW-10	Copper, total	21.0	ug/l	4/23/2008	1000	
MW-10	Copper, total	7.7	ug/l	10/16/2008	1000	
MW-10	Copper, total	15.0	ug/l	4/22/2009	1000	
MW-10	Copper, total	10.0	ug/l	10/22/2009	1000	
MW-10	Copper, total	9.9	ug/l	4/21/2010	1000	
MW-10	Copper, total	15.0	ug/l	10/20/2010	1000	
MW-10	Copper, total	6.0	ug/l	4/21/2011	1000	
MW-10	Copper, total	10.0	ug/l	4/12/2012	1000	
MW-10	Copper, total	15.0	ug/l	10/31/2012	1000	
MW-10	Copper, total	4.2	ug/l	4/25/2013	1000	
MW-10	Copper, total	11.0	ug/l	12/4/2013	1000	
MW-10	Copper, total	0.9	ug/l	5/19/2014	1000	
MW-10	Copper, total	5.4	ug/l	10/22/2014	1000	
MW-10	Copper, total	1.1	ug/L	3/23/2015	1000	
MW-10	Copper, total	2.3	ug/l	10/20/2015	1000	
MW-10	**Iron, total**	**11270.0**	**ug/l**	**12/4/2013**	**300**	**10970**
MW-10	**Iron, total**	**11270.0**	**ug/l**	**12/4/2013**	**300**	**10970**
MW-10	**Iron, total**	**2217.0**	**ug/l**	**5/19/2014**	**300**	**1917**
MW-10	**Iron, total**	**2217.0**	**ug/l**	**5/19/2014**	**300**	**1917**
MW-10	**Iron, total**	**1000.0**	**ug/L**	**3/23/2015**	**300**	**700**
MW-10	**Iron, total**	**1000.0**	**ug/L**	**3/23/2015**	**300**	**700**
MW-10	Lead, total	12.0	ug/l	10/1/2002	15	
MW-10	Lead, total	1.0	ug/l	4/23/2008	15	
MW-10	Lead, total	0.7	ug/l	10/16/2008	15	
MW-10	Lead, total	2.1	ug/l	4/22/2009	15	
MW-10	Lead, total	2.1	ug/l	10/22/2009	15	
MW-10	Lead, total	1.3	ug/l	4/21/2010	15	
MW-10	Lead, total	2.6	ug/l	10/20/2010	15	
MW-10	Lead, total	1.4	ug/l	4/21/2011	15	
MW-10	Lead, total	6.4	ug/l	4/12/2012	15	
MW-10	Lead, total	9.3	ug/l	10/31/2012	15	
MW-10	Lead, total	1.1	ug/l	4/25/2013	15	
MW-10	Lead, total	9.1	ug/l	12/4/2013	15	
MW-10	Lead, total	0.9	ug/l	5/19/2014	15	
MW-10	Lead, total	3.4	ug/l	10/22/2014	15	
MW-10	Lead, total	2.0	ug/L	3/23/2015	15	
MW-10	Lead, total	0.9	ug/l	10/20/2015	15	
MW-10	Mercury	0.2	ug/l	10/16/2008	1	
MW-10	Mercury	0.3	ug/l	10/22/2009	1	
MW-10	Mercury	0.3	ug/l	10/20/2010	1	
MW-10	Mercury	0.3	ug/l	10/31/2012	1	
MW-10	Mercury	0.2	ug/l	10/22/2014	1	
MW-10	Mercury	0.1	ug/l	10/20/2015	1	
MW-10	Nickel, total	3.0	ug/l	4/23/2008	100	
MW-10	Nickel, total	0.9	ug/l	10/16/2008	100	
MW-10	Nickel, total	4.4	ug/l	4/22/2009	100	

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Table 5

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-10	Nickel, total	1.4	ug/l	10/22/2009	100	
MW-10	Nickel, total	1.8	ug/l	4/21/2010	100	
MW-10	Nickel, total	2.2	ug/l	10/20/2010	100	
MW-10	Nickel, total	1.4	ug/l	4/21/2011	100	
MW-10	Nickel, total	2.3	ug/l	4/12/2012	100	
MW-10	Nickel, total	2.8	ug/l	10/31/2012	100	
MW-10	Nickel, total	1.7	ug/l	4/25/2013	100	
MW-10	Nickel, total	2.3	ug/l	12/4/2013	100	
MW-10	Nickel, total	0.6	ug/l	5/19/2014	100	
MW-10	Nickel, total	1.1	ug/l	10/22/2014	100	
MW-10	Nickel, total	2.5	ug/L	3/23/2015	100	
MW-10	Nickel, total	0.8	ug/l	10/20/2015	100	
MW-10	Selenium, total	1.7	ug/l	4/23/2008	20	
MW-10	Selenium, total	0.3	ug/l	10/16/2008	20	
MW-10	Selenium, total	1.3	ug/l	4/22/2009	20	
MW-10	Selenium, total	0.6	ug/l	10/22/2009	20	
MW-10	Selenium, total	0.5	ug/l	4/21/2010	20	
MW-10	Selenium, total	1.0	ug/l	10/20/2010	20	
MW-10	Selenium, total	0.3	ug/l	4/21/2011	20	
MW-10	Selenium, total	0.6	ug/l	4/12/2012	20	
MW-10	Selenium, total	0.4	ug/l	10/31/2012	20	
MW-10	Selenium, total	0.3	ug/l	4/25/2013	20	
MW-10	Selenium, total	0.9	ug/l	12/4/2013	20	
MW-10	Selenium, total	0.5	ug/l	10/22/2014	20	
MW-10	Silver, total	0.1	ug/l	4/23/2008	20	
MW-10	Silver, total	0.1	ug/l	4/22/2009	20	
MW-10	Silver, total	0.1	ug/l	4/21/2010	20	
MW-10	Silver, total	0.1	ug/l	10/20/2010	20	
MW-10	Thallium, total *	0.2	ug/l	4/21/2011	0.28	
MW-10	Thallium, total *	0.1	ug/l	4/12/2012	0.28	
MW-10	Thallium, total *	0.1	ug/l	4/25/2013	0.28	
MW-10	Thallium, total *	0.1	ug/l	12/4/2013	0.28	
MW-10	Tin, dissolved *	0.5	ug/l	10/20/2010	2000	
MW-10	Tin, dissolved *	0.5	ug/l	10/31/2012	2000	
MW-10	**Vanadium ***	**2.5**	**ug/l**	**10/1/2002**	**0.3**	**2.16**
MW-10	**Vanadium ***	**3.7**	**ug/l**	**4/23/2008**	**0.3**	**3.4**
MW-10	**Vanadium ***	**2.3**	**ug/l**	**10/16/2008**	**0.3**	**2**
MW-10	**Vanadium ***	**5.2**	**ug/l**	**4/22/2009**	**0.3**	**4.9**
MW-10	**Vanadium ***	**5.2**	**ug/l**	**10/22/2009**	**0.3**	**4.9**
MW-10	**Vanadium ***	**2.8**	**ug/l**	**4/21/2010**	**0.3**	**2.5**
MW-10	**Vanadium ***	**5.8**	**ug/l**	**10/20/2010**	**0.3**	**5.5**
MW-10	**Vanadium ***	**4.8**	**ug/l**	**4/21/2011**	**0.3**	**4.5**
MW-10	**Vanadium ***	**14.7**	**ug/l**	**4/12/2012**	**0.3**	**14.4**
MW-10	**Vanadium ***	**12.9**	**ug/l**	**10/31/2012**	**0.3**	**12.6**
MW-10	**Vanadium ***	**3.7**	**ug/l**	**4/25/2013**	**0.3**	**3.4**
MW-10	**Vanadium ***	**25.0**	**ug/l**	**12/4/2013**	**0.3**	**24.7**
MW-10	**Vanadium ***	**1.1**	**ug/l**	**5/19/2014**	**0.3**	**0.8**
MW-10	**Vanadium ***	**10.2**	**ug/l**	**10/22/2014**	**0.3**	**9.9**
MW-10	**Vanadium ***	**2.5**	**ug/L**	**3/23/2015**	**0.3**	**2.2**
MW-10	**Vanadium ***	**3.0**	**ug/l**	**10/20/2015**	**0.3**	**2.7**
MW-10	Zinc	52.0	ug/l	4/1/2001	1000	
MW-10	Zinc	19.0	ug/l	5/1/2007	1000	
MW-10	Zinc	13.0	ug/l	4/1/2008	1000	
MW-10	Zinc	13.0	ug/l	4/23/2008	1000	
MW-10	Zinc	3.1	ug/l	10/16/2008	1000	
MW-10	Zinc	10.0	ug/l	4/22/2009	1000	
MW-10	Zinc	6.2	ug/l	10/22/2009	1000	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-10	Zinc	8.9	ug/l	4/21/2010	1000	
MW-10	Zinc	5.3	ug/l	10/20/2010	1000	
MW-10	Zinc	7.6	ug/l	4/21/2011	1000	
MW-10	Zinc	9.3	ug/l	4/12/2012	1000	
MW-10	Zinc	17.0	ug/l	10/31/2012	1000	
MW-10	Zinc	5.7	ug/l	4/25/2013	1000	
MW-10	Zinc	13.0	ug/l	12/4/2013	1000	
MW-10	Zinc	0.9	ug/l	5/19/2014	1000	
MW-10	Zinc	4.7	ug/l	10/22/2014	1000	
MW-10	Zinc	17.0	ug/L	3/23/2015	1000	
MW-10	Zinc	2.0	ug/l	10/20/2015	1000	
MW-11	Antimony, total *	0.1	ug/l	4/23/2008	1	
MW-11	Antimony, total *	0.1	ug/l	10/16/2008	1	
MW-11	**Antimony, total ***	**2.7**	**ug/l**	**4/21/2011**	**1**	**1.7**
MW-11	Antimony, total *	0.2	ug/l	10/26/2011	1	
MW-11	Antimony, total *	0.3	ug/l	4/11/2012	1	
MW-11	Antimony, total *	0.1	ug/l	4/25/2013	1	
MW-11	Arsenic, total	0.5	ug/l	10/16/2008	10	
MW-11	Arsenic, total	0.3	ug/l	4/22/2009	10	
MW-11	Arsenic, total	0.6	ug/l	10/22/2009	10	
MW-11	Arsenic, total	0.2	ug/l	10/26/2011	10	
MW-11	Arsenic, total	0.5	ug/l	4/11/2012	10	
MW-11	Arsenic, total	0.3	ug/l	10/31/2012	10	
MW-11	Arsenic, total	0.1	ug/l	4/25/2013	10	
MW-11	Barium, total	17.7	ug/l	4/23/2008	700	
MW-11	Barium, total	46.2	ug/l	10/16/2008	700	
MW-11	Barium, total	49.4	ug/l	4/22/2009	700	
MW-11	Barium, total	29.1	ug/l	10/22/2009	700	
MW-11	Barium, total	30.3	ug/l	4/21/2010	700	
MW-11	Barium, total	24.6	ug/l	10/20/2010	700	
MW-11	Barium, total	25.7	ug/l	4/21/2011	700	
MW-11	Barium, total	40.8	ug/l	10/26/2011	700	
MW-11	Barium, total	46.0	ug/l	4/11/2012	700	
MW-11	Barium, total	32.9	ug/l	10/31/2012	700	
MW-11	Barium, total	30.0	ug/l	4/25/2013	700	
MW-11	Beryllium, total *	0.2	ug/l	4/23/2008	4	
MW-11	Beryllium, total *	0.4	ug/l	10/16/2008	4	
MW-11	Beryllium, total *	0.3	ug/l	4/22/2009	4	
MW-11	Beryllium, total *	0.2	ug/l	10/22/2009	4	
MW-11	Beryllium, total *	0.1	ug/l	4/21/2010	4	
MW-11	Beryllium, total *	0.2	ug/l	10/20/2010	4	
MW-11	Beryllium, total *	0.1	ug/l	4/21/2011	4	
MW-11	Beryllium, total *	0.3	ug/l	10/26/2011	4	
MW-11	Beryllium, total *	0.2	ug/l	4/11/2012	4	
MW-11	Beryllium, total *	0.2	ug/l	10/31/2012	4	
MW-11	Beryllium, total *	0.1	ug/l	4/25/2013	4	
MW-11	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-11	Cadmium, total	0.1	ug/l	10/16/2008	2	
MW-11	Cadmium, total	0.1	ug/l	4/22/2009	2	
MW-11	Cadmium, total	0.2	ug/l	10/22/2009	2	
MW-11	Cadmium, total	0.1	ug/l	4/21/2010	2	
MW-11	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-11	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-11	Cadmium, total	1.0	ug/l	10/26/2011	2	
MW-11	Cadmium, total	0.1	ug/l	4/11/2012	2	
MW-11	Cadmium, total	0.5	ug/l	10/31/2012	2	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-11	Cadmium, total	0.1	ug/l	4/25/2013	2	
MW-11	Chromium, total	0.9	ug/l	4/23/2008	10	
MW-11	Chromium, total	3.7	ug/l	10/16/2008	10	
MW-11	Chromium, total	2.7	ug/l	4/22/2009	10	
MW-11	Chromium, total	1.7	ug/l	10/22/2009	10	
MW-11	Chromium, total	1.3	ug/l	4/21/2010	10	
MW-11	Chromium, total	2.1	ug/l	10/20/2010	10	
MW-11	Chromium, total	0.8	ug/l	4/21/2011	10	
MW-11	Chromium, total	4.1	ug/l	10/26/2011	10	
MW-11	Chromium, total	2.8	ug/l	4/11/2012	10	
MW-11	Chromium, total	0.7	ug/l	10/31/2012	10	
MW-11	Chromium, total	1.0	ug/l	4/25/2013	10	
MW-11	Cobalt, total *	0.6	ug/l	4/23/2008	1	
MW-11	Cobalt, total *	0.5	ug/l	10/16/2008	1	
MW-11	Cobalt, total *	0.6	ug/l	4/22/2009	1	
MW-11	Cobalt, total *	0.3	ug/l	10/22/2009	1	
MW-11	Cobalt, total *	0.4	ug/l	4/21/2010	1	
MW-11	Cobalt, total *	0.3	ug/l	10/20/2010	1	
MW-11	Cobalt, total *	0.3	ug/l	4/21/2011	1	
MW-11	Cobalt, total *	0.7	ug/l	10/26/2011	1	
MW-11	Cobalt, total *	0.7	ug/l	4/11/2012	1	
MW-11	Cobalt, total *	0.5	ug/l	10/31/2012	1	
MW-11	Cobalt, total *	0.4	ug/l	4/25/2013	1	
MW-11	Copper, total	1.4	ug/l	4/23/2008	1000	
MW-11	Copper, total	3.2	ug/l	10/16/2008	1000	
MW-11	Copper, total	2.7	ug/l	4/22/2009	1000	
MW-11	Copper, total	2.1	ug/l	10/22/2009	1000	
MW-11	Copper, total	1.4	ug/l	4/21/2010	1000	
MW-11	Copper, total	1.8	ug/l	10/20/2010	1000	
MW-11	Copper, total	1.2	ug/l	4/21/2011	1000	
MW-11	Copper, total	4.4	ug/l	10/26/2011	1000	
MW-11	Copper, total	3.3	ug/l	4/11/2012	1000	
MW-11	Copper, total	1.2	ug/l	10/31/2012	1000	
MW-11	Copper, total	1.9	ug/l	4/25/2013	1000	
MW-11	Lead, total	2.1	ug/l	4/23/2008	15	
MW-11	Lead, total	4.6	ug/l	10/16/2008	15	
MW-11	Lead, total	3.8	ug/l	4/22/2009	15	
MW-11	Lead, total	2.4	ug/l	10/22/2009	15	
MW-11	Lead, total	1.5	ug/l	4/21/2010	15	
MW-11	Lead, total	1.6	ug/l	10/20/2010	15	
MW-11	Lead, total	0.6	ug/l	4/21/2011	15	
MW-11	Lead, total	3.3	ug/l	10/26/2011	15	
MW-11	Lead, total	3.2	ug/l	4/11/2012	15	
MW-11	Lead, total	0.8	ug/l	10/31/2012	15	
MW-11	Lead, total	1.1	ug/l	4/25/2013	15	
MW-11	Nickel, total	0.5	ug/l	10/16/2008	100	
MW-11	Nickel, total	1.4	ug/l	4/22/2009	100	
MW-11	Nickel, total	0.8	ug/l	10/22/2009	100	
MW-11	Nickel, total	0.5	ug/l	4/21/2010	100	
MW-11	Nickel, total	0.2	ug/l	10/20/2010	100	
MW-11	Nickel, total	0.6	ug/l	4/21/2011	100	
MW-11	Nickel, total	1.3	ug/l	10/26/2011	100	
MW-11	Nickel, total	1.1	ug/l	4/11/2012	100	
MW-11	Nickel, total	0.9	ug/l	10/31/2012	100	
MW-11	Nickel, total	1.6	ug/l	4/25/2013	100	
MW-11	Selenium, total	0.4	ug/l	4/23/2008	20	
MW-11	Selenium, total	0.2	ug/l	10/16/2008	20	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-11	Selenium, total	0.5	ug/l	4/22/2009	20	
MW-11	Selenium, total	0.2	ug/l	10/22/2009	20	
MW-11	Selenium, total	0.3	ug/l	10/26/2011	20	
MW-11	Selenium, total	0.3	ug/l	10/31/2012	20	
MW-11	Selenium, total	0.3	ug/l	4/25/2013	20	
MW-11	Silver, total	0.1	ug/l	4/23/2008	20	
MW-11	Thallium, total *	0.1	ug/l	4/23/2008	0.28	
MW-11	Thallium, total *	0.1	ug/l	10/16/2008	0.28	
MW-11	Thallium, total *	0.1	ug/l	4/22/2009	0.28	
MW-11	Thallium, total *	0.1	ug/l	10/26/2011	0.28	
MW-11	Thallium, total *	0.1	ug/l	4/11/2012	0.28	
MW-11	Thallium, total *	0.3	ug/l	10/31/2012	0.28	
MW-11	**Vanadium ***	**1.9**	**ug/l**	**4/23/2008**	**0.3**	**1.6**
MW-11	**Vanadium ***	**6.2**	**ug/l**	**10/16/2008**	**0.3**	**5.9**
MW-11	**Vanadium ***	**6.1**	**ug/l**	**4/22/2009**	**0.3**	**5.8**
MW-11	**Vanadium ***	**4.5**	**ug/l**	**10/22/2009**	**0.3**	**4.2**
MW-11	**Vanadium ***	**2.4**	**ug/l**	**4/21/2010**	**0.3**	**2.1**
MW-11	**Vanadium ***	**3.5**	**ug/l**	**10/20/2010**	**0.3**	**3.2**
MW-11	**Vanadium ***	**1.4**	**ug/l**	**4/21/2011**	**0.3**	**1.1**
MW-11	**Vanadium ***	**6.2**	**ug/l**	**10/26/2011**	**0.3**	**5.9**
MW-11	**Vanadium ***	**4.8**	**ug/l**	**4/11/2012**	**0.3**	**4.5**
MW-11	**Vanadium ***	**1.8**	**ug/l**	**10/31/2012**	**0.3**	**1.5**
MW-11	**Vanadium ***	**4.1**	**ug/l**	**4/25/2013**	**0.3**	**3.8**
MW-11	Zinc	6.5	ug/l	4/23/2008	1000	
MW-11	Zinc	9.8	ug/l	10/16/2008	1000	
MW-11	Zinc	9.1	ug/l	4/22/2009	1000	
MW-11	Zinc	7.3	ug/l	10/22/2009	1000	
MW-11	Zinc	3.9	ug/l	4/21/2010	1000	
MW-11	Zinc	4.9	ug/l	10/20/2010	1000	
MW-11	Zinc	3.0	ug/l	4/21/2011	1000	
MW-11	Zinc	7.2	ug/l	10/26/2011	1000	
MW-11	Zinc	7.0	ug/l	4/11/2012	1000	
MW-11	Zinc	3.5	ug/l	10/31/2012	1000	
MW-11	Zinc	3.7	ug/l	4/25/2013	1000	
MW-12	Antimony, total *	0.2	ug/l	10/16/2008	1	
MW-12	Antimony, total *	0.7	ug/l	4/21/2011	1	
MW-12	Antimony, total *	0.2	ug/l	10/26/2011	1	
MW-12	Antimony, total *	0.2	ug/l	4/11/2012	1	
MW-12	Antimony, total *	0.1	ug/l	10/31/2012	1	
MW-12	Arsenic, total	0.4	ug/l	10/16/2008	10	
MW-12	Arsenic, total	0.6	ug/l	4/22/2009	10	
MW-12	Arsenic, total	0.5	ug/l	10/22/2009	10	
MW-12	Arsenic, total	0.2	ug/l	4/21/2011	10	
MW-12	Arsenic, total	0.5	ug/l	10/26/2011	10	
MW-12	Arsenic, total	0.4	ug/l	4/11/2012	10	
MW-12	Arsenic, total	0.1	ug/l	4/25/2013	10	
MW-12	Barium, total	42.2	ug/l	4/23/2008	700	
MW-12	Barium, total	45.5	ug/l	10/16/2008	700	
MW-12	Barium, total	69.0	ug/l	4/22/2009	700	
MW-12	Barium, total	49.5	ug/l	10/22/2009	700	
MW-12	Barium, total	33.3	ug/l	4/21/2010	700	
MW-12	Barium, total	29.1	ug/l	10/20/2010	700	
MW-12	Barium, total	41.4	ug/l	4/21/2011	700	
MW-12	Barium, total	66.8	ug/l	10/26/2011	700	
MW-12	Barium, total	40.0	ug/l	4/11/2012	700	
MW-12	Barium, total	27.2	ug/l	10/31/2012	700	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-12	Barium, total	26.8	ug/l	4/25/2013	700	
MW-12	Beryllium, total *	1.5	ug/l	4/23/2008	4	
MW-12	Beryllium, total *	2.0	ug/l	10/16/2008	4	
MW-12	Beryllium, total *	3.5	ug/l	4/22/2009	4	
MW-12	Beryllium, total *	2.2	ug/l	10/22/2009	4	
MW-12	Beryllium, total *	1.2	ug/l	4/21/2010	4	
MW-12	Beryllium, total *	1.0	ug/l	10/20/2010	4	
MW-12	Beryllium, total *	1.0	ug/l	4/21/2011	4	
MW-12	Beryllium, total *	3.0	ug/l	10/26/2011	4	
MW-12	Beryllium, total *	2.0	ug/l	4/11/2012	4	
MW-12	Beryllium, total *	0.9	ug/l	10/31/2012	4	
MW-12	Beryllium, total *	1.0	ug/l	4/25/2013	4	
MW-12	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-12	Cadmium, total	0.3	ug/l	10/16/2008	2	
MW-12	Cadmium, total	0.2	ug/l	4/22/2009	2	
MW-12	Cadmium, total	0.1	ug/l	10/22/2009	2	
MW-12	Cadmium, total	0.2	ug/l	4/21/2010	2	
MW-12	Cadmium, total	0.2	ug/l	10/20/2010	2	
MW-12	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-12	Cadmium, total	0.4	ug/l	10/26/2011	2	
MW-12	Cadmium, total	0.1	ug/l	4/11/2012	2	
MW-12	Cadmium, total	0.2	ug/l	10/31/2012	2	
MW-12	Chromium, total	0.2	ug/l	4/23/2008	10	
MW-12	Chromium, total	0.6	ug/l	10/16/2008	10	
MW-12	Chromium, total	2.0	ug/l	4/22/2009	10	
MW-12	Chromium, total	4.5	ug/l	10/26/2011	10	
MW-12	Chromium, total	1.1	ug/l	4/11/2012	10	
MW-12	Cobalt, total *	0.8	ug/l	4/23/2008	1	
MW-12	Cobalt, total *	0.8	ug/l	10/16/2008	1	
MW-12	**Cobalt, total ***	**1.2**	**ug/l**	**4/22/2009**	**1**	**0.2**
MW-12	Cobalt, total *	0.9	ug/l	10/22/2009	1	
MW-12	Cobalt, total *	0.6	ug/l	4/21/2010	1	
MW-12	Cobalt, total *	0.4	ug/l	10/20/2010	1	
MW-12	Cobalt, total *	0.6	ug/l	4/21/2011	1	
MW-12	**Cobalt, total ***	**1.3**	**ug/l**	**10/26/2011**	**1**	**0.3**
MW-12	Cobalt, total *	0.7	ug/l	4/11/2012	1	
MW-12	Cobalt, total *	0.4	ug/l	10/31/2012	1	
MW-12	Cobalt, total *	0.4	ug/l	4/25/2013	1	
MW-12	Copper, total	2.7	ug/l	4/23/2008	1000	
MW-12	Copper, total	2.9	ug/l	10/16/2008	1000	
MW-12	Copper, total	6.9	ug/l	4/22/2009	1000	
MW-12	Copper, total	3.6	ug/l	10/22/2009	1000	
MW-12	Copper, total	1.0	ug/l	4/21/2010	1000	
MW-12	Copper, total	1.2	ug/l	10/20/2010	1000	
MW-12	Copper, total	1.8	ug/l	4/21/2011	1000	
MW-12	Copper, total	9.4	ug/l	10/26/2011	1000	
MW-12	Copper, total	3.5	ug/l	4/11/2012	1000	
MW-12	Copper, total	0.9	ug/l	10/31/2012	1000	
MW-12	Copper, total	1.4	ug/l	4/25/2013	1000	
MW-12	Lead, total	1.8	ug/l	4/23/2008	15	
MW-12	Lead, total	2.1	ug/l	10/16/2008	15	
MW-12	Lead, total	6.6	ug/l	4/22/2009	15	
MW-12	Lead, total	2.8	ug/l	10/22/2009	15	
MW-12	Lead, total	0.6	ug/l	4/21/2010	15	
MW-12	Lead, total	0.5	ug/l	10/20/2010	15	
MW-12	Lead, total	0.7	ug/l	4/21/2011	15	
MW-12	Lead, total	9.2	ug/l	10/26/2011	15	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-12	Lead, total	3.5	ug/l	4/11/2012	15	
MW-12	Lead, total	0.5	ug/l	10/31/2012	15	
MW-12	Lead, total	0.4	ug/l	4/25/2013	15	
MW-12	Nickel, total	0.2	ug/l	4/23/2008	100	
MW-12	Nickel, total	1.5	ug/l	10/16/2008	100	
MW-12	Nickel, total	1.9	ug/l	4/22/2009	100	
MW-12	Nickel, total	1.4	ug/l	10/22/2009	100	
MW-12	Nickel, total	0.8	ug/l	4/21/2010	100	
MW-12	Nickel, total	0.4	ug/l	10/20/2010	100	
MW-12	Nickel, total	1.0	ug/l	4/21/2011	100	
MW-12	Nickel, total	2.2	ug/l	10/26/2011	100	
MW-12	Nickel, total	1.1	ug/l	4/11/2012	100	
MW-12	Nickel, total	1.1	ug/l	10/31/2012	100	
MW-12	Nickel, total	0.9	ug/l	4/25/2013	100	
MW-12	Selenium, total	0.2	ug/l	10/16/2008	20	
MW-12	Selenium, total	0.2	ug/l	4/22/2009	20	
MW-12	Selenium, total	0.2	ug/l	10/22/2009	20	
MW-12	Selenium, total	0.6	ug/l	10/26/2011	20	
MW-12	Silver, total	0.1	ug/l	4/23/2008	20	
MW-12	Silver, total	0.1	ug/l	10/16/2008	20	
MW-12	Silver, total	0.1	ug/l	4/22/2009	20	
MW-12	Silver, total	0.1	ug/l	4/21/2010	20	
MW-12	Silver, total	0.1	ug/l	10/26/2011	20	
MW-12	Thallium, total *	0.1	ug/l	10/16/2008	0.28	
MW-12	Thallium, total *	0.2	ug/l	4/21/2010	0.28	
MW-12	**Vanadium ***	**2.8**	**ug/l**	**4/23/2008**	**0.3**	**2.5**
MW-12	**Vanadium ***	**2.6**	**ug/l**	**10/16/2008**	**0.3**	**2.3**
MW-12	**Vanadium ***	**8.0**	**ug/l**	**4/22/2009**	**0.3**	**7.7**
MW-12	**Vanadium ***	**4.4**	**ug/l**	**10/22/2009**	**0.3**	**4.1**
MW-12	**Vanadium ***	**1.0**	**ug/l**	**4/21/2010**	**0.3**	**0.7**
MW-12	**Vanadium ***	**1.6**	**ug/l**	**10/20/2010**	**0.3**	**1.3**
MW-12	**Vanadium ***	**1.1**	**ug/l**	**4/21/2011**	**0.3**	**0.8**
MW-12	**Vanadium ***	**14.5**	**ug/l**	**10/26/2011**	**0.3**	**14.2**
MW-12	**Vanadium ***	**5.2**	**ug/l**	**4/11/2012**	**0.3**	**4.9**
MW-12	**Vanadium ***	**1.4**	**ug/l**	**10/31/2012**	**0.3**	**1.1**
MW-12	**Vanadium ***	**2.4**	**ug/l**	**4/25/2013**	**0.3**	**2.1**
MW-12	Zinc	8.5	ug/l	4/23/2008	1000	
MW-12	Zinc	12.0	ug/l	10/16/2008	1000	
MW-12	Zinc	15.0	ug/l	4/22/2009	1000	
MW-12	Zinc	8.5	ug/l	10/22/2009	1000	
MW-12	Zinc	5.4	ug/l	4/21/2010	1000	
MW-12	Zinc	3.9	ug/l	10/20/2010	1000	
MW-12	Zinc	4.4	ug/l	4/21/2011	1000	
MW-12	Zinc	13.0	ug/l	10/26/2011	1000	
MW-12	Zinc	5.7	ug/l	4/11/2012	1000	
MW-12	Zinc	4.4	ug/l	10/31/2012	1000	
MW-12	Zinc	2.0	ug/l	4/25/2013	1000	
MW-13	Antimony, total *	0.5	ug/l	4/23/2008	1	
MW-13	Antimony, total *	0.2	ug/l	10/16/2008	1	
MW-13	Antimony, total *	0.1	ug/l	4/22/2009	1	
MW-13	Antimony, total *	0.3	ug/l	10/22/2009	1	
MW-13	Antimony, total *	0.3	ug/l	4/21/2011	1	
MW-13	Antimony, total *	0.6	ug/l	10/31/2012	1	
MW-13	Antimony, total *	0.1	ug/l	4/25/2013	1	
MW-13	Arsenic, total	0.1	ug/l	4/23/2008	10	
MW-13	Arsenic, total	0.2	ug/l	10/16/2008	10	

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Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-13	Arsenic, total	0.5	ug/l	4/22/2009	10	
MW-13	Arsenic, total	0.7	ug/l	10/22/2009	10	
MW-13	Arsenic, total	0.3	ug/l	4/21/2010	10	
MW-13	Arsenic, total	0.5	ug/l	4/21/2011	10	
MW-13	Arsenic, total	0.3	ug/l	10/26/2011	10	
MW-13	Arsenic, total	0.5	ug/l	4/11/2012	10	
MW-13	Arsenic, total	0.2	ug/l	10/31/2012	10	
MW-13	Arsenic, total	0.3	ug/l	4/25/2013	10	
MW-13	Barium, total	82.8	ug/l	4/23/2008	700	
MW-13	Barium, total	62.0	ug/l	10/16/2008	700	
MW-13	Barium, total	66.6	ug/l	4/22/2009	700	
MW-13	Barium, total	73.8	ug/l	10/22/2009	700	
MW-13	Barium, total	63.5	ug/l	4/21/2010	700	
MW-13	Barium, total	66.1	ug/l	10/20/2010	700	
MW-13	Barium, total	102.0	ug/l	4/21/2011	700	
MW-13	Barium, total	92.2	ug/l	10/26/2011	700	
MW-13	Barium, total	41.3	ug/l	4/11/2012	700	
MW-13	Barium, total	89.7	ug/l	10/31/2012	700	
MW-13	Barium, total	82.1	ug/l	4/25/2013	700	
MW-13	Beryllium, total *	0.3	ug/l	4/23/2008	4	
MW-13	Beryllium, total *	0.2	ug/l	10/16/2008	4	
MW-13	Beryllium, total *	0.2	ug/l	4/22/2009	4	
MW-13	Beryllium, total *	0.2	ug/l	10/22/2009	4	
MW-13	Beryllium, total *	0.1	ug/l	4/21/2010	4	
MW-13	Beryllium, total *	0.2	ug/l	10/20/2010	4	
MW-13	Beryllium, total *	0.2	ug/l	4/21/2011	4	
MW-13	Beryllium, total *	0.3	ug/l	10/26/2011	4	
MW-13	Beryllium, total *	0.3	ug/l	4/11/2012	4	
MW-13	Beryllium, total *	0.3	ug/l	10/31/2012	4	
MW-13	Beryllium, total *	0.1	ug/l	4/25/2013	4	
MW-13	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-13	Cadmium, total	0.1	ug/l	10/16/2008	2	
MW-13	Cadmium, total	0.1	ug/l	4/22/2009	2	
MW-13	Cadmium, total	0.1	ug/l	10/22/2009	2	
MW-13	Cadmium, total	0.8	ug/l	4/21/2010	2	
MW-13	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-13	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-13	Cadmium, total	0.2	ug/l	10/26/2011	2	
MW-13	Cadmium, total	0.3	ug/l	4/11/2012	2	
MW-13	Cadmium, total	0.4	ug/l	10/31/2012	2	
MW-13	Chromium, total	0.3	ug/l	4/23/2008	10	
MW-13	Chromium, total	0.3	ug/l	10/16/2008	10	
MW-13	Chromium, total	0.5	ug/l	10/26/2011	10	
MW-13	Chromium, total	0.1	ug/l	4/11/2012	10	
MW-13	**Cobalt, total ***	**1.6**	**ug/l**	**4/23/2008**	**1**	**0.6**
MW-13	Cobalt, total *	0.7	ug/l	10/16/2008	1	
MW-13	Cobalt, total *	1.0	ug/l	4/22/2009	1	
MW-13	Cobalt, total *	0.7	ug/l	10/22/2009	1	
MW-13	**Cobalt, total ***	**1.4**	**ug/l**	**4/21/2010**	**1**	**0.4**
MW-13	Cobalt, total *	0.7	ug/l	10/20/2010	1	
MW-13	**Cobalt, total ***	**5.9**	**ug/l**	**4/21/2011**	**1**	**4.9**
MW-13	**Cobalt, total ***	**2.1**	**ug/l**	**10/26/2011**	**1**	**1.1**
MW-13	**Cobalt, total ***	**1.2**	**ug/l**	**4/11/2012**	**1**	**0.2**
MW-13	**Cobalt, total ***	**1.2**	**ug/l**	**10/31/2012**	**1**	**0.2**
MW-13	**Cobalt, total ***	**1.7**	**ug/l**	**4/25/2013**	**1**	**0.7**
MW-13	Copper, total	1.1	ug/l	4/23/2008	1000	
MW-13	Copper, total	0.7	ug/l	10/16/2008	1000	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-13	Copper, total	0.5	ug/l	4/22/2009	1000	
MW-13	Copper, total	1.9	ug/l	10/22/2009	1000	
MW-13	Copper, total	1.6	ug/l	4/21/2010	1000	
MW-13	Copper, total	1.0	ug/l	10/20/2010	1000	
MW-13	Copper, total	2.0	ug/l	4/21/2011	1000	
MW-13	Copper, total	1.5	ug/l	10/26/2011	1000	
MW-13	Copper, total	1.7	ug/l	4/11/2012	1000	
MW-13	Copper, total	1.7	ug/l	10/31/2012	1000	
MW-13	Copper, total	0.7	ug/l	4/25/2013	1000	
MW-13	Lead, total	1.2	ug/l	4/23/2008	15	
MW-13	Lead, total	0.3	ug/l	10/16/2008	15	
MW-13	Lead, total	0.3	ug/l	10/22/2009	15	
MW-13	Lead, total	0.1	ug/l	4/21/2010	15	
MW-13	Lead, total	0.1	ug/l	10/20/2010	15	
MW-13	Lead, total	0.3	ug/l	4/21/2011	15	
MW-13	Lead, total	0.7	ug/l	10/26/2011	15	
MW-13	Lead, total	0.5	ug/l	4/11/2012	15	
MW-13	Lead, total	0.5	ug/l	10/31/2012	15	
MW-13	Nickel, total	0.2	ug/l	4/23/2008	100	
MW-13	Nickel, total	1.4	ug/l	10/16/2008	100	
MW-13	Nickel, total	1.0	ug/l	4/22/2009	100	
MW-13	Nickel, total	1.3	ug/l	10/22/2009	100	
MW-13	Nickel, total	1.0	ug/l	4/21/2010	100	
MW-13	Nickel, total	0.7	ug/l	10/20/2010	100	
MW-13	Nickel, total	1.6	ug/l	4/21/2011	100	
MW-13	Nickel, total	1.5	ug/l	10/26/2011	100	
MW-13	Nickel, total	0.7	ug/l	4/11/2012	100	
MW-13	Nickel, total	4.7	ug/l	10/31/2012	100	
MW-13	Nickel, total	1.3	ug/l	4/25/2013	100	
MW-13	Selenium, total	0.3	ug/l	4/22/2009	20	
MW-13	Selenium, total	0.3	ug/l	10/22/2009	20	
MW-13	Selenium, total	0.4	ug/l	4/21/2011	20	
MW-13	Silver, total	0.1	ug/l	4/23/2008	20	
MW-13	Silver, total	0.1	ug/l	4/21/2010	20	
MW-13	Silver, total	0.1	ug/l	10/31/2012	20	
MW-13	Thallium, total *	0.1	ug/l	4/23/2008	0.28	
MW-13	Thallium, total *	0.1	ug/l	4/22/2009	0.28	
MW-13	**Vanadium ***	**1.9**	**ug/l**	**4/23/2008**	**0.3**	**1.6**
MW-13	**Vanadium ***	**1.0**	**ug/l**	**10/16/2008**	**0.3**	**0.7**
MW-13	**Vanadium ***	**1.9**	**ug/l**	**4/22/2009**	**0.3**	**1.6**
MW-13	**Vanadium ***	**1.9**	**ug/l**	**10/22/2009**	**0.3**	**1.6**
MW-13	**Vanadium ***	**0.6**	**ug/l**	**4/21/2010**	**0.3**	**0.3**
MW-13	**Vanadium ***	**1.1**	**ug/l**	**10/20/2010**	**0.3**	**0.8**
MW-13	**Vanadium ***	**0.8**	**ug/l**	**4/21/2011**	**0.3**	**0.51**
MW-13	**Vanadium ***	**1.1**	**ug/l**	**10/26/2011**	**0.3**	**0.8**
MW-13	**Vanadium ***	**1.8**	**ug/l**	**4/11/2012**	**0.3**	**1.5**
MW-13	**Vanadium ***	**1.0**	**ug/l**	**10/31/2012**	**0.3**	**0.65**
MW-13	**Vanadium ***	**1.5**	**ug/l**	**4/25/2013**	**0.3**	**1.2**
MW-13	Zinc	6.0	ug/l	4/23/2008	1000	
MW-13	Zinc	5.3	ug/l	10/16/2008	1000	
MW-13	Zinc	4.0	ug/l	4/22/2009	1000	
MW-13	Zinc	4.9	ug/l	10/22/2009	1000	
MW-13	Zinc	4.0	ug/l	4/21/2010	1000	
MW-13	Zinc	3.7	ug/l	10/20/2010	1000	
MW-13	Zinc	3.8	ug/l	4/21/2011	1000	
MW-13	Zinc	4.4	ug/l	10/26/2011	1000	
MW-13	Zinc	3.0	ug/l	4/11/2012	1000	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-13	Zinc	8.1	ug/l	10/31/2012	1000	
MW-13	Zinc	1.2	ug/l	4/25/2013	1000	
MW-14	Antimony, total *	0.1	ug/l	4/23/2008	1	
MW-14	Antimony, total *	0.8	ug/l	4/21/2010	1	
MW-14	Antimony, total *	0.2	ug/l	4/11/2012	1	
MW-14	Antimony, total *	0.2	ug/l	10/31/2012	1	
MW-14	Arsenic, total	0.1	ug/l	4/23/2008	10	
MW-14	Arsenic, total	0.2	ug/l	10/16/2008	10	
MW-14	Arsenic, total	0.4	ug/l	4/22/2009	10	
MW-14	Arsenic, total	0.4	ug/l	10/22/2009	10	
MW-14	Arsenic, total	0.2	ug/l	4/21/2011	10	
MW-14	Arsenic, total	0.6	ug/l	10/26/2011	10	
MW-14	Arsenic, total	0.8	ug/l	4/11/2012	10	
MW-14	Arsenic, total	0.3	ug/l	4/25/2013	10	
MW-14	Barium, total	47.3	ug/l	4/23/2008	700	
MW-14	Barium, total	51.5	ug/l	10/16/2008	700	
MW-14	Barium, total	53.4	ug/l	4/22/2009	700	
MW-14	Barium, total	48.8	ug/l	10/22/2009	700	
MW-14	Barium, total	52.5	ug/l	4/21/2010	700	
MW-14	Barium, total	47.6	ug/l	10/20/2010	700	
MW-14	Barium, total	45.8	ug/l	4/21/2011	700	
MW-14	Barium, total	66.9	ug/l	10/26/2011	700	
MW-14	Barium, total	63.9	ug/l	4/11/2012	700	
MW-14	Barium, total	31.8	ug/l	10/31/2012	700	
MW-14	Barium, total	34.9	ug/l	4/25/2013	700	
MW-14	Beryllium, total *	0.6	ug/l	4/23/2008	4	
MW-14	Beryllium, total *	0.4	ug/l	10/16/2008	4	
MW-14	Beryllium, total *	1.0	ug/l	4/22/2009	4	
MW-14	Beryllium, total *	0.6	ug/l	10/22/2009	4	
MW-14	Beryllium, total *	0.8	ug/l	4/21/2010	4	
MW-14	Beryllium, total *	0.9	ug/l	10/20/2010	4	
MW-14	Beryllium, total *	0.9	ug/l	4/21/2011	4	
MW-14	**Beryllium, total ***	**5.0**	**ug/l**	**10/26/2011**	**4**	**1**
MW-14	Beryllium, total *	3.0	ug/l	4/11/2012	4	
MW-14	Beryllium, total *	0.5	ug/l	10/31/2012	4	
MW-14	Beryllium, total *	0.7	ug/l	4/25/2013	4	
MW-14	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-14	Cadmium, total	0.2	ug/l	10/16/2008	2	
MW-14	Cadmium, total	0.1	ug/l	4/22/2009	2	
MW-14	Cadmium, total	0.1	ug/l	10/22/2009	2	
MW-14	Cadmium, total	0.1	ug/l	4/21/2010	2	
MW-14	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-14	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-14	Cadmium, total	0.3	ug/l	10/26/2011	2	
MW-14	Cadmium, total	0.4	ug/l	4/11/2012	2	
MW-14	Cadmium, total	0.1	ug/l	10/31/2012	2	
MW-14	Chromium, total	0.5	ug/l	4/23/2008	10	
MW-14	Chromium, total	0.3	ug/l	10/16/2008	10	
MW-14	Chromium, total	0.7	ug/l	4/22/2009	10	
MW-14	Chromium, total	0.4	ug/l	4/21/2010	10	
MW-14	Chromium, total	0.5	ug/l	10/20/2010	10	
MW-14	Chromium, total	0.5	ug/l	4/21/2011	10	
MW-14	Chromium, total	4.8	ug/l	10/26/2011	10	
MW-14	Chromium, total	2.1	ug/l	4/11/2012	10	
MW-14	Cobalt, total *	0.7	ug/l	4/23/2008	1	
MW-14	Cobalt, total *	0.7	ug/l	10/16/2008	1	

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Table 5

Historic Inorganic Detections

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-14	Cobalt, total *	0.8	ug/l	4/22/2009	1	
MW-14	Cobalt, total *	0.4	ug/l	10/22/2009	1	
MW-14	Cobalt, total *	0.5	ug/l	4/21/2010	1	
MW-14	Cobalt, total *	0.7	ug/l	10/20/2010	1	
MW-14	Cobalt, total *	0.3	ug/l	4/21/2011	1	
MW-14	**Cobalt, total ***	**1.3**	**ug/l**	**10/26/2011**	**1**	**0.3**
MW-14	Cobalt, total *	1.0	ug/l	4/11/2012	1	
MW-14	Cobalt, total *	0.2	ug/l	10/31/2012	1	
MW-14	Cobalt, total *	0.1	ug/l	4/25/2013	1	
MW-14	Copper, total	1.3	ug/l	4/23/2008	1000	
MW-14	Copper, total	1.1	ug/l	10/16/2008	1000	
MW-14	Copper, total	3.2	ug/l	4/22/2009	1000	
MW-14	Copper, total	1.2	ug/l	10/22/2009	1000	
MW-14	Copper, total	1.7	ug/l	4/21/2010	1000	
MW-14	Copper, total	2.0	ug/l	10/20/2010	1000	
MW-14	Copper, total	1.4	ug/l	4/21/2011	1000	
MW-14	Copper, total	4.9	ug/l	10/26/2011	1000	
MW-14	Copper, total	4.6	ug/l	4/11/2012	1000	
MW-14	Copper, total	0.9	ug/l	10/31/2012	1000	
MW-14	Copper, total	1.3	ug/l	4/25/2013	1000	
MW-14	Lead, total	1.7	ug/l	4/23/2008	15	
MW-14	Lead, total	0.5	ug/l	10/16/2008	15	
MW-14	Lead, total	1.8	ug/l	4/22/2009	15	
MW-14	Lead, total	0.6	ug/l	10/22/2009	15	
MW-14	Lead, total	0.9	ug/l	4/21/2010	15	
MW-14	Lead, total	1.1	ug/l	10/20/2010	15	
MW-14	Lead, total	1.0	ug/l	4/21/2011	15	
MW-14	Lead, total	7.4	ug/l	10/26/2011	15	
MW-14	Lead, total	5.4	ug/l	4/11/2012	15	
MW-14	Lead, total	0.6	ug/l	10/31/2012	15	
MW-14	Lead, total	0.4	ug/l	4/25/2013	15	
MW-14	Nickel, total	0.2	ug/l	4/23/2008	100	
MW-14	Nickel, total	2.2	ug/l	10/16/2008	100	
MW-14	Nickel, total	1.6	ug/l	4/22/2009	100	
MW-14	Nickel, total	1.5	ug/l	10/22/2009	100	
MW-14	Nickel, total	1.7	ug/l	4/21/2010	100	
MW-14	Nickel, total	0.9	ug/l	10/20/2010	100	
MW-14	Nickel, total	1.7	ug/l	4/21/2011	100	
MW-14	Nickel, total	2.7	ug/l	10/26/2011	100	
MW-14	Nickel, total	2.1	ug/l	4/11/2012	100	
MW-14	Nickel, total	1.1	ug/l	10/31/2012	100	
MW-14	Nickel, total	1.0	ug/l	4/25/2013	100	
MW-14	Selenium, total	0.2	ug/l	4/23/2008	20	
MW-14	Selenium, total	0.3	ug/l	10/16/2008	20	
MW-14	Selenium, total	0.2	ug/l	4/22/2009	20	
MW-14	Selenium, total	0.3	ug/l	10/22/2009	20	
MW-14	Selenium, total	0.8	ug/l	10/26/2011	20	
MW-14	Selenium, total	0.5	ug/l	4/11/2012	20	
MW-14	Selenium, total	0.2	ug/l	4/25/2013	20	
MW-14	Silver, total	0.1	ug/l	4/21/2010	20	
MW-14	Thallium, total *	0.1	ug/l	4/22/2009	0.28	
MW-14	**Vanadium ***	**2.9**	**ug/l**	**4/23/2008**	**0.3**	**2.6**
MW-14	**Vanadium ***	**1.5**	**ug/l**	**10/16/2008**	**0.3**	**1.2**
MW-14	**Vanadium ***	**5.9**	**ug/l**	**4/22/2009**	**0.3**	**5.6**
MW-14	**Vanadium ***	**2.9**	**ug/l**	**10/22/2009**	**0.3**	**2.6**
MW-14	**Vanadium ***	**2.4**	**ug/l**	**4/21/2010**	**0.3**	**2.1**
MW-14	**Vanadium ***	**4.6**	**ug/l**	**10/20/2010**	**0.3**	**4.3**

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Table 5

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Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-14	**Vanadium ***	**2.9**	**ug/l**	**4/21/2011**	**0.3**	**2.6**
MW-14	**Vanadium ***	**18.3**	**ug/l**	**10/26/2011**	**0.3**	**18**
MW-14	**Vanadium ***	**9.1**	**ug/l**	**4/11/2012**	**0.3**	**8.8**
MW-14	**Vanadium ***	**1.8**	**ug/l**	**10/31/2012**	**0.3**	**1.5**
MW-14	**Vanadium ***	**2.3**	**ug/l**	**4/25/2013**	**0.3**	**2**
MW-14	Zinc	8.7	ug/l	4/23/2008	1000	
MW-14	Zinc	12.0	ug/l	10/16/2008	1000	
MW-14	Zinc	8.5	ug/l	4/22/2009	1000	
MW-14	Zinc	7.9	ug/l	10/22/2009	1000	
MW-14	Zinc	11.0	ug/l	4/21/2010	1000	
MW-14	Zinc	6.3	ug/l	10/20/2010	1000	
MW-14	Zinc	5.4	ug/l	4/21/2011	1000	
MW-14	Zinc	17.0	ug/l	10/26/2011	1000	
MW-14	Zinc	13.0	ug/l	4/11/2012	1000	
MW-14	Zinc	4.4	ug/l	10/31/2012	1000	
MW-14	Zinc	4.1	ug/l	4/25/2013	1000	
MW-15	Antimony, total *	0.1	ug/l	4/23/2008	1	
MW-15	Antimony, total *	0.2	ug/l	10/16/2008	1	
MW-15	Antimony, total *	0.2	ug/l	4/21/2010	1	
MW-15	Antimony, total *	0.2	ug/l	4/11/2012	1	
MW-15	**Antimony, total ***	**1.9**	**ug/l**	**4/25/2013**	**1**	**0.9**
MW-15	Arsenic, total	1.6	ug/l	4/23/2008	10	
MW-15	Arsenic, total	2.0	ug/l	10/16/2008	10	
MW-15	Arsenic, total	0.6	ug/l	4/22/2009	10	
MW-15	Arsenic, total	1.4	ug/l	10/22/2009	10	
MW-15	Arsenic, total	0.2	ug/l	4/21/2010	10	
MW-15	Arsenic, total	0.8	ug/l	10/20/2010	10	
MW-15	Arsenic, total	0.6	ug/l	4/21/2011	10	
MW-15	Arsenic, total	2.2	ug/l	4/11/2012	10	
MW-15	Arsenic, total	1.9	ug/l	4/25/2013	10	
MW-15	Barium, total	32.7	ug/l	4/23/2008	700	
MW-15	Barium, total	47.9	ug/l	10/16/2008	700	
MW-15	Barium, total	23.5	ug/l	4/22/2009	700	
MW-15	Barium, total	36.9	ug/l	10/22/2009	700	
MW-15	Barium, total	19.4	ug/l	4/21/2010	700	
MW-15	Barium, total	116.0	ug/l	10/20/2010	700	
MW-15	Barium, total	24.8	ug/l	4/21/2011	700	
MW-15	Barium, total	39.8	ug/l	4/11/2012	700	
MW-15	Barium, total	22.1	ug/l	4/25/2013	700	
MW-15	Beryllium, total *	0.1	ug/l	10/16/2008	4	
MW-15	Beryllium, total *	0.1	ug/l	10/22/2009	4	
MW-15	Beryllium, total *	0.1	ug/l	4/21/2010	4	
MW-15	Beryllium, total *	1.0	ug/l	10/20/2010	4	
MW-15	Beryllium, total *	0.1	ug/l	4/21/2011	4	
MW-15	Beryllium, total *	0.1	ug/l	4/11/2012	4	
MW-15	Beryllium, total *	0.1	ug/l	4/25/2013	4	
MW-15	Cadmium, total	0.2	ug/l	4/23/2008	2	
MW-15	Cadmium, total	0.2	ug/l	10/16/2008	2	
MW-15	Cadmium, total	0.2	ug/l	4/22/2009	2	
MW-15	Cadmium, total	0.2	ug/l	10/22/2009	2	
MW-15	Cadmium, total	0.2	ug/l	4/21/2010	2	
MW-15	Cadmium, total	0.4	ug/l	10/20/2010	2	
MW-15	Cadmium, total	0.3	ug/l	4/21/2011	2	
MW-15	Cadmium, total	1.0	ug/l	4/11/2012	2	
MW-15	Cadmium, total	0.1	ug/l	4/25/2013	2	
MW-15	Chromium, total	0.2	ug/l	4/23/2008	10	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-15	Chromium, total	0.8	ug/l	10/16/2008	10	
MW-15	Chromium, total	0.5	ug/l	10/22/2009	10	
MW-15	Chromium, total	0.1	ug/l	4/21/2010	10	
MW-15	Chromium, total	0.1	ug/l	10/20/2010	10	
MW-15	Chromium, total	0.2	ug/l	4/21/2011	10	
MW-15	Chromium, total	1.4	ug/l	4/11/2012	10	
MW-15	Chromium, total	0.4	ug/l	4/25/2013	10	
MW-15	**Cobalt, total ***	**1.2**	**ug/l**	**4/23/2008**	**1**	**0.2**
MW-15	**Cobalt, total ***	**1.2**	**ug/l**	**10/16/2008**	**1**	**0.2**
MW-15	Cobalt, total *	0.5	ug/l	4/22/2009	1	
MW-15	Cobalt, total *	0.6	ug/l	10/22/2009	1	
MW-15	Cobalt, total *	0.5	ug/l	4/21/2010	1	
MW-15	**Cobalt, total ***	**1.5**	**ug/l**	**10/20/2010**	**1**	**0.5**
MW-15	Cobalt, total *	0.3	ug/l	4/21/2011	1	
MW-15	Cobalt, total *	0.9	ug/l	4/11/2012	1	
MW-15	Cobalt, total *	0.5	ug/l	4/25/2013	1	
MW-15	Copper, total	0.9	ug/l	4/23/2008	1000	
MW-15	Copper, total	1.9	ug/l	10/16/2008	1000	
MW-15	Copper, total	1.0	ug/l	4/22/2009	1000	
MW-15	Copper, total	1.6	ug/l	10/22/2009	1000	
MW-15	Copper, total	1.5	ug/l	4/21/2010	1000	
MW-15	Copper, total	3.0	ug/l	10/20/2010	1000	
MW-15	Copper, total	2.1	ug/l	4/21/2011	1000	
MW-15	Copper, total	7.9	ug/l	4/11/2012	1000	
MW-15	Copper, total	4.6	ug/l	4/25/2013	1000	
MW-15	Lead, total	0.7	ug/l	4/23/2008	15	
MW-15	Lead, total	0.9	ug/l	10/16/2008	15	
MW-15	Lead, total	0.1	ug/l	4/22/2009	15	
MW-15	Lead, total	1.0	ug/l	10/22/2009	15	
MW-15	Lead, total	0.3	ug/l	4/21/2010	15	
MW-15	Lead, total	0.9	ug/l	10/20/2010	15	
MW-15	Lead, total	0.3	ug/l	4/21/2011	15	
MW-15	Lead, total	2.0	ug/l	4/11/2012	15	
MW-15	Lead, total	1.0	ug/l	4/25/2013	15	
MW-15	Nickel, total	0.7	ug/l	4/23/2008	100	
MW-15	Nickel, total	1.5	ug/l	10/16/2008	100	
MW-15	Nickel, total	0.5	ug/l	4/22/2009	100	
MW-15	Nickel, total	1.0	ug/l	10/22/2009	100	
MW-15	Nickel, total	0.8	ug/l	4/21/2010	100	
MW-15	Nickel, total	1.6	ug/l	10/20/2010	100	
MW-15	Nickel, total	1.1	ug/l	4/21/2011	100	
MW-15	Nickel, total	1.5	ug/l	4/11/2012	100	
MW-15	Nickel, total	0.8	ug/l	4/25/2013	100	
MW-15	Selenium, total	0.3	ug/l	4/25/2013	20	
MW-15	Silver, total	0.1	ug/l	10/16/2008	20	
MW-15	Thallium, total *	0.1	ug/l	10/16/2008	0.28	
MW-15	Thallium, total *	0.1	ug/l	4/22/2009	0.28	
MW-15	**Vanadium ***	**1.8**	**ug/l**	**4/23/2008**	**0.3**	**1.5**
MW-15	**Vanadium ***	**2.2**	**ug/l**	**10/16/2008**	**0.3**	**1.9**
MW-15	**Vanadium ***	**2.2**	**ug/l**	**4/22/2009**	**0.3**	**1.9**
MW-15	**Vanadium ***	**2.0**	**ug/l**	**10/22/2009**	**0.3**	**1.7**
MW-15	**Vanadium ***	**1.1**	**ug/l**	**4/21/2010**	**0.3**	**0.8**
MW-15	**Vanadium ***	**2.1**	**ug/l**	**10/20/2010**	**0.3**	**1.8**
MW-15	**Vanadium ***	**0.6**	**ug/l**	**4/21/2011**	**0.3**	**0.28**
MW-15	**Vanadium ***	**6.7**	**ug/l**	**4/11/2012**	**0.3**	**6.4**
MW-15	**Vanadium ***	**4.6**	**ug/l**	**4/25/2013**	**0.3**	**4.3**
MW-15	Zinc	8.3	ug/l	4/23/2008	1000	

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Table 5

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Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-15	Zinc	7.3	ug/l	10/16/2008	1000	
MW-15	Zinc	3.8	ug/l	4/22/2009	1000	
MW-15	Zinc	4.3	ug/l	10/22/2009	1000	
MW-15	Zinc	8.5	ug/l	4/21/2010	1000	
MW-15	Zinc	7.1	ug/l	10/20/2010	1000	
MW-15	Zinc	3.8	ug/l	4/21/2011	1000	
MW-15	Zinc	6.8	ug/l	4/11/2012	1000	
MW-15	Zinc	4.7	ug/l	4/25/2013	1000	
MW-16	Antimony, total *	0.1	ug/L	3/24/2015	1	
MW-16	Antimony, total *	1.0	ug/l	10/21/2015	1	
MW-16	Arsenic, total	0.1	ug/l	4/23/2008	10	
MW-16	Arsenic, total	0.4	ug/l	10/16/2008	10	
MW-16	Arsenic, total	0.3	ug/l	10/20/2010	10	
MW-16	Arsenic, total	0.5	ug/l	4/21/2011	10	
MW-16	Arsenic, total	0.3	ug/l	10/27/2011	10	
MW-16	Arsenic, total	0.1	ug/l	4/12/2012	10	
MW-16	Arsenic, total	0.2	ug/l	4/25/2013	10	
MW-16	Arsenic, total	0.6	ug/l	12/4/2013	10	
MW-16	Arsenic, total	0.4	ug/l	5/21/2014	10	
MW-16	Arsenic, total	3.5	ug/L	3/24/2015	10	
MW-16	Arsenic, total	1.4	ug/l	10/21/2015	10	
MW-16	Barium, total	112.0	ug/l	10/1/1994	700	
MW-16	Barium, total	194.0	ug/l	11/1/1994	700	
MW-16	Barium, total	114.0	ug/l	1/1/1995	700	
MW-16	Barium, total	147.0	ug/l	3/1/1995	700	
MW-16	Barium, total	104.0	ug/l	10/1/1997	700	
MW-16	Barium, total	99.0	ug/l	4/1/1998	700	
MW-16	Barium, total	100.0	ug/l	10/1/1998	700	
MW-16	Barium, total	281.0	ug/l	3/1/1999	700	
MW-16	Barium, total	162.0	ug/l	10/1/1999	700	
MW-16	Barium, total	60.0	ug/l	4/1/2000	700	
MW-16	Barium, total	61.7	ug/l	4/23/2008	700	
MW-16	Barium, total	74.8	ug/l	10/16/2008	700	
MW-16	Barium, total	80.5	ug/l	4/22/2009	700	
MW-16	Barium, total	69.6	ug/l	10/22/2009	700	
MW-16	Barium, total	57.1	ug/l	4/21/2010	700	
MW-16	Barium, total	51.7	ug/l	10/20/2010	700	
MW-16	Barium, total	92.9	ug/l	4/21/2011	700	
MW-16	Barium, total	56.4	ug/l	10/27/2011	700	
MW-16	Barium, total	57.5	ug/l	4/12/2012	700	
MW-16	Barium, total	63.2	ug/l	10/30/2012	700	
MW-16	Barium, total	60.1	ug/l	4/25/2013	700	
MW-16	Barium, total	244.0	ug/l	12/4/2013	700	
MW-16	Barium, total	74.1	ug/l	5/21/2014	700	
MW-16	Barium, total	190.0	ug/L	3/24/2015	700	
MW-16	Barium, total	218.0	ug/l	10/21/2015	700	
MW-16	**Beryllium, total ***	**5.0**	**ug/l**	**12/4/2013**	**4**	**1**
MW-16	Beryllium, total *	2.0	ug/l	5/21/2014	4	
MW-16	**Beryllium, total ***	**6.9**	**ug/L**	**3/24/2015**	**4**	**2.9**
MW-16	**Beryllium, total ***	**7.0**	**ug/l**	**10/21/2015**	**4**	**3**
MW-16	Cadmium, total	1.8	ug/l	10/1/1994	2	
MW-16	Cadmium, total	1.0	ug/l	11/1/1994	2	
MW-16	**Cadmium, total**	**6.0**	**ug/l**	**1/1/1995**	**2**	**4**
MW-16	**Cadmium, total**	**7.0**	**ug/l**	**3/1/1995**	**2**	**5**
MW-16	Cadmium, total	2.0	ug/l	9/1/1995	2	
MW-16	**Cadmium, total**	**7.5**	**ug/l**	**10/1/1996**	**2**	**5.5**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-16	**Cadmium, total**	**4.9**	**ug/l**	**4/1/1997**	**2**	**2.93**
MW-16	Cadmium, total	1.0	ug/l	3/1/1999	2	
MW-16	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-16	Cadmium, total	0.1	ug/l	10/16/2008	2	
MW-16	Cadmium, total	0.2	ug/l	4/22/2009	2	
MW-16	Cadmium, total	0.1	ug/l	10/22/2009	2	
MW-16	Cadmium, total	0.1	ug/l	4/21/2010	2	
MW-16	Cadmium, total	0.2	ug/l	10/20/2010	2	
MW-16	Cadmium, total	0.2	ug/l	4/21/2011	2	
MW-16	Cadmium, total	0.2	ug/l	10/27/2011	2	
MW-16	Cadmium, total	0.5	ug/l	4/12/2012	2	
MW-16	Cadmium, total	0.5	ug/l	10/30/2012	2	
MW-16	Cadmium, total	0.3	ug/l	4/25/2013	2	
MW-16	Cadmium, total	0.9	ug/l	12/4/2013	2	
MW-16	Cadmium, total	0.2	ug/l	5/21/2014	2	
MW-16	Cadmium, total	0.1	ug/L	3/24/2015	2	
MW-16	Cadmium, total	1.0	ug/l	10/21/2015	2	
MW-16	Chromium, total	4.0	ug/l	10/1/1994	10	
MW-16	Chromium, total	7.0	ug/l	11/1/1994	10	
MW-16	Chromium, total	5.0	ug/l	3/1/1995	10	
MW-16	Chromium, total	10.0	ug/l	9/1/1995	10	
MW-16	**Chromium, total**	**19.2**	**ug/l**	**4/1/1997**	**10**	**9.2**
MW-16	Chromium, total	6.0	ug/l	4/1/1998	10	
MW-16	Chromium, total	8.0	ug/l	10/1/1998	10	
MW-16	**Chromium, total**	**62.0**	**ug/l**	**3/1/1999**	**10**	**52**
MW-16	**Chromium, total**	**19.0**	**ug/l**	**10/1/1999**	**10**	**9**
MW-16	Chromium, total	0.2	ug/l	4/23/2008	10	
MW-16	Chromium, total	0.4	ug/l	10/16/2008	10	
MW-16	Chromium, total	0.1	ug/l	4/21/2010	10	
MW-16	Chromium, total	3.2	ug/l	4/21/2011	10	
MW-16	Chromium, total	0.2	ug/l	10/27/2011	10	
MW-16	Chromium, total	0.1	ug/l	4/12/2012	10	
MW-16	Chromium, total	8.0	ug/l	12/4/2013	10	
MW-16	Chromium, total	6.4	ug/l	5/21/2014	10	
MW-16	**Chromium, total**	**83.0**	**ug/L**	**3/24/2015**	**10**	**73**
MW-16	**Chromium, total**	**17.0**	**ug/l**	**10/21/2015**	**10**	**7**
MW-16	**Cobalt, total ***	**11.2**	**ug/l**	**10/1/1996**	**1**	**10.2**
MW-16	**Cobalt, total ***	**7.2**	**ug/l**	**12/4/2013**	**1**	**6.2**
MW-16	**Cobalt, total ***	**2.7**	**ug/l**	**5/21/2014**	**1**	**1.7**
MW-16	**Cobalt, total ***	**26.0**	**ug/L**	**3/24/2015**	**1**	**25**
MW-16	**Cobalt, total ***	**5.9**	**ug/l**	**10/21/2015**	**1**	**4.9**
MW-16	Copper, total	8.0	ug/l	10/1/1994	1000	
MW-16	Copper, total	9.0	ug/l	11/1/1994	1000	
MW-16	Copper, total	18.0	ug/l	1/1/1995	1000	
MW-16	Copper, total	14.0	ug/l	3/1/1995	1000	
MW-16	Copper, total	12.0	ug/l	12/4/2013	1000	
MW-16	Copper, total	6.7	ug/l	5/21/2014	1000	
MW-16	Copper, total	66.0	ug/L	3/24/2015	1000	
MW-16	Copper, total	17.0	ug/l	10/21/2015	1000	
MW-16	Lead, total	2.0	ug/l	10/1/1994	15	
MW-16	Lead, total	3.0	ug/l	11/1/1994	15	
MW-16	Lead, total	4.0	ug/l	3/1/1995	15	
MW-16	Lead, total	13.0	ug/l	9/1/1995	15	
MW-16	Lead, total	12.3	ug/l	10/1/1996	15	
MW-16	**Lead, total**	**20.2**	**ug/l**	**4/1/1997**	**15**	**5.2**
MW-16	Lead, total	2.0	ug/l	10/1/1997	15	
MW-16	Lead, total	5.0	ug/l	10/1/1998	15	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-16	**Lead, total**	**39.0**	**ug/l**	**3/1/1999**	**15**	**24**
MW-16	Lead, total	11.0	ug/l	10/1/1999	15	
MW-16	Lead, total	2.0	ug/l	4/1/2000	15	
MW-16	Lead, total	0.5	ug/l	4/23/2008	15	
MW-16	Lead, total	0.3	ug/l	10/16/2008	15	
MW-16	Lead, total	0.3	ug/l	4/22/2009	15	
MW-16	Lead, total	0.1	ug/l	10/22/2009	15	
MW-16	Lead, total	0.1	ug/l	4/21/2010	15	
MW-16	Lead, total	0.2	ug/l	10/20/2010	15	
MW-16	Lead, total	2.9	ug/l	4/21/2011	15	
MW-16	Lead, total	0.5	ug/l	10/27/2011	15	
MW-16	Lead, total	0.2	ug/l	4/12/2012	15	
MW-16	Lead, total	0.3	ug/l	10/30/2012	15	
MW-16	Lead, total	0.2	ug/l	4/25/2013	15	
MW-16	**Lead, total**	**35.0**	**ug/l**	**12/4/2013**	**15**	**20**
MW-16	Lead, total	14.0	ug/l	5/21/2014	15	
MW-16	**Lead, total**	**58.0**	**ug/L**	**3/24/2015**	**15**	**43**
MW-16	**Lead, total**	**59.0**	**ug/l**	**10/21/2015**	**15**	**44**
MW-16	Mercury	0.2	ug/l	10/1/1998	1	
MW-16	Mercury	0.1	ug/l	10/16/2008	1	
MW-16	Mercury	0.1	ug/l	4/22/2009	1	
MW-16	Mercury	0.1	ug/l	4/21/2011	1	
MW-16	Mercury	0.1	ug/l	4/25/2013	1	
MW-16	Nickel, total	3.3	ug/l	12/4/2013	100	
MW-16	Nickel, total	2.2	ug/l	5/21/2014	100	
MW-16	Nickel, total	19.0	ug/L	3/24/2015	100	
MW-16	Nickel, total	4.2	ug/l	10/21/2015	100	
MW-16	Selenium, total	0.3	ug/l	4/22/2009	20	
MW-16	Selenium, total	0.6	ug/l	10/20/2010	20	
MW-16	Selenium, total	0.2	ug/l	4/21/2011	20	
MW-16	Selenium, total	0.7	ug/l	10/27/2011	20	
MW-16	Selenium, total	2.9	ug/l	12/4/2013	20	
MW-16	Selenium, total	0.7	ug/l	5/21/2014	20	
MW-16	Selenium, total	2.0	ug/L	3/24/2015	20	
MW-16	Selenium, total	4.0	ug/l	10/21/2015	20	
MW-16	Silver, total	0.1	ug/l	4/22/2009	20	
MW-16	Silver, total	0.2	ug/l	12/4/2013	20	
MW-16	Silver, total	0.1	ug/l	5/21/2014	20	
MW-16	Silver, total	0.2	ug/L	3/24/2015	20	
MW-16	Silver, total	0.8	ug/l	10/21/2015	20	
MW-16	Thallium, total *	0.2	ug/l	12/4/2013	0.28	
MW-16	Thallium, total *	0.1	ug/l	5/21/2014	0.28	
MW-16	Thallium, total *	0.3	ug/L	3/24/2015	0.28	
MW-16	Thallium, total *	0.3	ug/l	10/21/2015	0.28	
MW-16	**Vanadium ***	**5.0**	**ug/l**	**10/1/1994**	**0.3**	**4.7**
MW-16	**Vanadium ***	**12.0**	**ug/l**	**11/1/1994**	**0.3**	**11.7**
MW-16	**Vanadium ***	**41.0**	**ug/l**	**12/4/2013**	**0.3**	**40.7**
MW-16	**Vanadium ***	**19.0**	**ug/l**	**5/21/2014**	**0.3**	**18.7**
MW-16	**Vanadium ***	**180.0**	**ug/L**	**3/24/2015**	**0.3**	**179.7**
MW-16	**Vanadium ***	**56.0**	**ug/l**	**10/21/2015**	**0.3**	**55.7**
MW-16	Zinc	12.0	ug/l	10/1/1994	1000	
MW-16	Zinc	14.0	ug/l	11/1/1994	1000	
MW-16	Zinc	15.0	ug/l	1/1/1995	1000	
MW-16	Zinc	27.0	ug/l	3/1/1995	1000	
MW-16	Zinc	69.7	ug/l	10/1/1996	1000	
MW-16	Zinc	65.0	ug/l	12/4/2013	1000	
MW-16	Zinc	28.0	ug/l	5/21/2014	1000	

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Table 5

Historic Inorganic Detections

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-16	Zinc	96.0	ug/L	3/24/2015	1000	
MW-16	Zinc	93.0	ug/l	10/21/2015	1000	
MW-2	Antimony, total *	0.1	ug/l	4/22/2009	1	
MW-2	Antimony, total *	0.6	ug/l	10/22/2009	1	
MW-2	Antimony, total *	0.1	ug/l	4/21/2011	1	
MW-2	Antimony, total *	0.1	ug/l	4/25/2013	1	
MW-2	Antimony, total *	0.1	ug/l	5/19/2014	1	
MW-2	Antimony, total *	0.2	ug/l	10/20/2015	1	
MW-2	Arsenic, total	5.0	ug/l	3/1/1995	10	
MW-2	**Arsenic, total**	**33.0**	**ug/l**	**9/1/1995**	**10**	**23**
MW-2	Arsenic, total	0.3	ug/l	10/16/2008	10	
MW-2	Arsenic, total	0.2	ug/l	4/22/2009	10	
MW-2	Arsenic, total	0.5	ug/l	10/22/2009	10	
MW-2	Arsenic, total	0.2	ug/l	4/21/2010	10	
MW-2	Arsenic, total	0.4	ug/l	4/21/2011	10	
MW-2	Arsenic, total	0.3	ug/l	4/12/2012	10	
MW-2	Arsenic, total	0.3	ug/l	10/30/2012	10	
MW-2	Arsenic, total	0.1	ug/l	4/25/2013	10	
MW-2	Arsenic, total	0.3	ug/l	12/4/2013	10	
MW-2	Arsenic, total	0.4	ug/l	10/22/2014	10	
MW-2	Arsenic, total	0.6	ug/l	10/20/2015	10	
MW-2	Barium, total	143.0	ug/l	10/1/1994	700	
MW-2	Barium, total	40.4	ug/l	11/1/1994	700	
MW-2	Barium, total	48.9	ug/l	1/1/1995	700	
MW-2	Barium, total	46.9	ug/l	3/1/1995	700	
MW-2	Barium, total	82.0	ug/l	9/1/1995	700	
MW-2	Barium, total	50.0	ug/l	10/1/1997	700	
MW-2	Barium, total	100.0	ug/l	10/1/1998	700	
MW-2	Barium, total	50.9	ug/l	4/23/2008	700	
MW-2	Barium, total	58.5	ug/l	10/16/2008	700	
MW-2	Barium, total	57.9	ug/l	4/22/2009	700	
MW-2	Barium, total	48.7	ug/l	10/22/2009	700	
MW-2	Barium, total	51.8	ug/l	4/21/2010	700	
MW-2	Barium, total	54.3	ug/l	10/20/2010	700	
MW-2	Barium, total	56.1	ug/l	4/21/2011	700	
MW-2	Barium, total	49.9	ug/l	10/27/2011	700	
MW-2	Barium, total	45.0	ug/l	4/12/2012	700	
MW-2	Barium, total	56.6	ug/l	10/30/2012	700	
MW-2	Barium, total	48.7	ug/l	4/25/2013	700	
MW-2	Barium, total	48.0	ug/l	12/4/2013	700	
MW-2	Barium, total	47.7	ug/l	5/19/2014	700	
MW-2	Barium, total	57.0	ug/l	10/22/2014	700	
MW-2	Barium, total	58.0	ug/L	3/23/2015	700	
MW-2	Barium, total	59.9	ug/l	10/20/2015	700	
MW-2	**Beryllium, total ***	**12.0**	**ug/l**	**1/1/1995**	**4**	**8**
MW-2	**Beryllium, total ***	**35.0**	**ug/l**	**3/1/1995**	**4**	**31**
MW-2	**Beryllium, total ***	**4.2**	**ug/l**	**4/1/1996**	**4**	**0.18**
MW-2	**Beryllium, total ***	**4.6**	**ug/l**	**10/1/1996**	**4**	**0.62**
MW-2	**Beryllium, total ***	**4.8**	**ug/l**	**4/1/1997**	**4**	**0.8**
MW-2	Beryllium, total *	2.0	ug/l	10/1/1997	4	
MW-2	Beryllium, total *	4.0	ug/l	4/1/1998	4	
MW-2	Beryllium, total *	3.0	ug/l	10/1/1998	4	
MW-2	**Beryllium, total ***	**8.0**	**ug/l**	**10/1/1999**	**4**	**4**
MW-2	Beryllium, total *	2.0	ug/l	4/1/2000	4	
MW-2	Beryllium, total *	2.0	ug/l	4/1/2001	4	
MW-2	Beryllium, total *	2.0	ug/l	10/1/2001	4	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-2	Beryllium, total *	2.0	ug/l	4/1/2002	4	
MW-2	Beryllium, total *	4.0	ug/l	4/1/2003	4	
MW-2	Beryllium, total *	2.0	ug/l	4/1/2004	4	
MW-2	Beryllium, total *	3.0	ug/l	10/1/2004	4	
MW-2	Beryllium, total *	2.0	ug/l	5/1/2007	4	
MW-2	Beryllium, total *	1.5	ug/l	10/1/2007	4	
MW-2	Beryllium, total *	2.0	ug/l	4/23/2008	4	
MW-2	Beryllium, total *	2.0	ug/l	10/16/2008	4	
MW-2	Beryllium, total *	1.9	ug/l	4/22/2009	4	
MW-2	Beryllium, total *	1.8	ug/l	10/22/2009	4	
MW-2	Beryllium, total *	1.7	ug/l	4/21/2010	4	
MW-2	Beryllium, total *	2.0	ug/l	10/20/2010	4	
MW-2	Beryllium, total *	2.0	ug/l	4/21/2011	4	
MW-2	Beryllium, total *	2.0	ug/l	10/27/2011	4	
MW-2	Beryllium, total *	1.0	ug/l	4/12/2012	4	
MW-2	Beryllium, total *	2.0	ug/l	10/30/2012	4	
MW-2	Beryllium, total *	2.0	ug/l	4/25/2013	4	
MW-2	Beryllium, total *	2.0	ug/l	12/4/2013	4	
MW-2	Beryllium, total *	2.0	ug/l	5/19/2014	4	
MW-2	Beryllium, total *	2.0	ug/l	10/22/2014	4	
MW-2	Beryllium, total *	1.9	ug/L	3/23/2015	4	
MW-2	Beryllium, total *	2.0	ug/l	10/20/2015	4	
MW-2	Cadmium, total	1.0	ug/l	11/1/1994	2	
MW-2	Cadmium, total	1.0	ug/l	1/1/1995	2	
MW-2	**Cadmium, total**	**3.0**	**ug/l**	**3/1/1995**	**2**	**1**
MW-2	**Cadmium, total**	**4.0**	**ug/l**	**9/1/1995**	**2**	**2**
MW-2	Cadmium, total	0.3	ug/l	4/23/2008	2	
MW-2	Cadmium, total	0.1	ug/l	10/16/2008	2	
MW-2	Cadmium, total	0.2	ug/l	4/22/2009	2	
MW-2	Cadmium, total	0.2	ug/l	4/21/2010	2	
MW-2	Cadmium, total	0.3	ug/l	10/20/2010	2	
MW-2	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-2	Cadmium, total	0.2	ug/l	10/27/2011	2	
MW-2	Cadmium, total	0.1	ug/l	10/30/2012	2	
MW-2	Cadmium, total	0.1	ug/l	12/4/2013	2	
MW-2	Cadmium, total	0.1	ug/l	10/20/2015	2	
MW-2	Chromium, total	6.0	ug/l	10/1/1994	10	
MW-2	**Chromium, total**	**33.0**	**ug/l**	**11/1/1994**	**10**	**23**
MW-2	**Chromium, total**	**20.0**	**ug/l**	**3/1/1995**	**10**	**10**
MW-2	**Chromium, total**	**20.0**	**ug/l**	**9/1/1995**	**10**	**10**
MW-2	**Chromium, total**	**11.7**	**ug/l**	**4/1/1997**	**10**	**1.7**
MW-2	Chromium, total	10.0	ug/l	10/1/1999	10	
MW-2	Chromium, total	1.5	ug/l	4/21/2011	10	
MW-2	Chromium, total	0.5	ug/l	10/30/2012	10	
MW-2	Chromium, total	0.2	ug/l	10/22/2014	10	
MW-2	Chromium, total	1.2	ug/L	3/23/2015	10	
MW-2	**Cobalt, total ***	**9.0**	**ug/l**	**11/1/1994**	**1**	**8**
MW-2	**Cobalt, total ***	**10.0**	**ug/l**	**3/1/1995**	**1**	**9**
MW-2	**Cobalt, total ***	**70.0**	**ug/l**	**9/1/1995**	**1**	**69**
MW-2	**Cobalt, total ***	**1.3**	**ug/l**	**4/23/2008**	**1**	**0.3**
MW-2	**Cobalt, total ***	**1.4**	**ug/l**	**10/16/2008**	**1**	**0.4**
MW-2	**Cobalt, total ***	**1.4**	**ug/l**	**4/22/2009**	**1**	**0.4**
MW-2	**Cobalt, total ***	**1.3**	**ug/l**	**10/22/2009**	**1**	**0.3**
MW-2	**Cobalt, total ***	**1.3**	**ug/l**	**4/21/2010**	**1**	**0.3**
MW-2	**Cobalt, total ***	**1.3**	**ug/l**	**10/20/2010**	**1**	**0.3**
MW-2	**Cobalt, total ***	**1.3**	**ug/l**	**4/21/2011**	**1**	**0.3**
MW-2	**Cobalt, total ***	**1.2**	**ug/l**	**10/27/2011**	**1**	**0.2**

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Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-2	**Cobalt, total ***	**1.2**	**ug/l**	**4/12/2012**	**1**	**0.2**
MW-2	**Cobalt, total ***	**1.4**	**ug/l**	**10/30/2012**	**1**	**0.4**
MW-2	**Cobalt, total ***	**1.1**	**ug/l**	**4/25/2013**	**1**	**0.1**
MW-2	Cobalt, total *	1.0	ug/l	12/4/2013	1	
MW-2	**Cobalt, total ***	**1.1**	**ug/l**	**5/19/2014**	**1**	**0.1**
MW-2	**Cobalt, total ***	**1.1**	**ug/l**	**10/22/2014**	**1**	**0.1**
MW-2	**Cobalt, total ***	**1.6**	**ug/L**	**3/23/2015**	**1**	**0.6**
MW-2	**Cobalt, total ***	**1.1**	**ug/l**	**10/20/2015**	**1**	**0.1**
MW-2	Copper, total	27.0	ug/l	10/1/1994	1000	
MW-2	Copper, total	46.0	ug/l	11/1/1994	1000	
MW-2	Copper, total	37.0	ug/l	1/1/1995	1000	
MW-2	Copper, total	41.0	ug/l	3/1/1995	1000	
MW-2	Copper, total	8.0	ug/l	10/1/1997	1000	
MW-2	Copper, total	1.1	ug/l	4/23/2008	1000	
MW-2	Copper, total	0.7	ug/l	10/16/2008	1000	
MW-2	Copper, total	1.3	ug/l	4/22/2009	1000	
MW-2	Copper, total	0.8	ug/l	10/22/2009	1000	
MW-2	Copper, total	1.1	ug/l	4/21/2010	1000	
MW-2	Copper, total	1.1	ug/l	10/20/2010	1000	
MW-2	Copper, total	2.2	ug/l	4/21/2011	1000	
MW-2	Copper, total	1.1	ug/l	10/27/2011	1000	
MW-2	Copper, total	0.8	ug/l	4/12/2012	1000	
MW-2	Copper, total	1.6	ug/l	10/30/2012	1000	
MW-2	Copper, total	1.0	ug/l	4/25/2013	1000	
MW-2	Copper, total	1.2	ug/l	12/4/2013	1000	
MW-2	Copper, total	0.8	ug/l	5/19/2014	1000	
MW-2	Copper, total	0.8	ug/l	10/22/2014	1000	
MW-2	Copper, total	1.4	ug/L	3/23/2015	1000	
MW-2	Copper, total	0.9	ug/l	10/20/2015	1000	
MW-2	**Iron, total**	**507.0**	**ug/l**	**12/4/2013**	**300**	**207**
MW-2	**Iron, total**	**507.0**	**ug/l**	**12/4/2013**	**300**	**207**
MW-2	**Iron, total**	**8715.0**	**ug/l**	**5/19/2014**	**300**	**8415**
MW-2	**Iron, total**	**8715.0**	**ug/l**	**5/19/2014**	**300**	**8415**
MW-2	**Iron, total**	**2800.0**	**ug/L**	**3/23/2015**	**300**	**2500**
MW-2	**Iron, total**	**2800.0**	**ug/L**	**3/23/2015**	**300**	**2500**
MW-2	Lead, total	6.0	ug/l	10/1/1994	15	
MW-2	**Lead, total**	**25.0**	**ug/l**	**11/1/1994**	**15**	**10**
MW-2	**Lead, total**	**25.0**	**ug/l**	**1/1/1995**	**15**	**10**
MW-2	**Lead, total**	**41.0**	**ug/l**	**3/1/1995**	**15**	**26**
MW-2	**Lead, total**	**25.0**	**ug/l**	**9/1/1995**	**15**	**10**
MW-2	Lead, total	14.8	ug/l	4/1/1997	15	
MW-2	Lead, total	4.0	ug/l	10/1/1997	15	
MW-2	Lead, total	10.0	ug/l	10/1/1999	15	
MW-2	Lead, total	0.7	ug/l	4/23/2008	15	
MW-2	Lead, total	0.4	ug/l	10/16/2008	15	
MW-2	Lead, total	0.8	ug/l	4/22/2009	15	
MW-2	Lead, total	0.2	ug/l	10/22/2009	15	
MW-2	Lead, total	0.4	ug/l	4/21/2010	15	
MW-2	Lead, total	0.2	ug/l	10/20/2010	15	
MW-2	Lead, total	2.3	ug/l	4/21/2011	15	
MW-2	Lead, total	0.6	ug/l	10/27/2011	15	
MW-2	Lead, total	0.5	ug/l	4/12/2012	15	
MW-2	Lead, total	1.6	ug/l	10/30/2012	15	
MW-2	Lead, total	0.7	ug/l	4/25/2013	15	
MW-2	Lead, total	0.3	ug/l	12/4/2013	15	
MW-2	Lead, total	0.5	ug/l	5/19/2014	15	
MW-2	Lead, total	1.1	ug/l	10/22/2014	15	

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Table 5

Historic Inorganic Detections

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-2	Lead, total	1.2	ug/L	3/23/2015	15	
MW-2	Lead, total	1.1	ug/l	10/20/2015	15	
MW-2	Mercury	0.8	ug/l	10/1/1997	1	
MW-2	Mercury	0.1	ug/l	10/20/2015	1	
MW-2	Nickel, total	20.0	ug/l	11/1/1994	100	
MW-2	Nickel, total	10.0	ug/l	3/1/1995	100	
MW-2	Nickel, total	1.4	ug/l	4/23/2008	100	
MW-2	Nickel, total	1.3	ug/l	10/16/2008	100	
MW-2	Nickel, total	1.6	ug/l	4/22/2009	100	
MW-2	Nickel, total	1.5	ug/l	10/22/2009	100	
MW-2	Nickel, total	1.4	ug/l	4/21/2010	100	
MW-2	Nickel, total	1.4	ug/l	10/20/2010	100	
MW-2	Nickel, total	1.2	ug/l	4/21/2011	100	
MW-2	Nickel, total	1.7	ug/l	10/27/2011	100	
MW-2	Nickel, total	1.6	ug/l	4/12/2012	100	
MW-2	Nickel, total	1.9	ug/l	10/30/2012	100	
MW-2	Nickel, total	1.8	ug/l	4/25/2013	100	
MW-2	Nickel, total	1.4	ug/l	12/4/2013	100	
MW-2	Nickel, total	1.4	ug/l	5/19/2014	100	
MW-2	Nickel, total	1.3	ug/l	10/22/2014	100	
MW-2	Nickel, total	2.0	ug/L	3/23/2015	100	
MW-2	Nickel, total	1.4	ug/l	10/20/2015	100	
MW-2	Selenium, total	0.2	ug/l	4/23/2008	20	
MW-2	Selenium, total	0.2	ug/l	10/16/2008	20	
MW-2	Selenium, total	0.3	ug/l	4/22/2009	20	
MW-2	Selenium, total	0.3	ug/l	10/22/2009	20	
MW-2	Selenium, total	0.3	ug/l	4/21/2011	20	
MW-2	Selenium, total	0.2	ug/l	10/30/2012	20	
MW-2	Selenium, total	0.3	ug/l	4/25/2013	20	
MW-2	Selenium, total	0.3	ug/l	12/4/2013	20	
MW-2	Silver, total	0.1	ug/l	4/22/2009	20	
MW-2	Silver, total	0.1	ug/l	10/22/2009	20	
MW-2	Silver, total	0.1	ug/l	4/21/2010	20	
MW-2	Thallium, total *	0.1	ug/l	4/22/2009	0.28	
MW-2	Thallium, total *	0.1	ug/l	10/22/2009	0.28	
MW-2	Thallium, total *	0.2	ug/l	12/4/2013	0.28	
MW-2	Tin, dissolved *	10.0	ug/l	10/1/1997	2000	
MW-2	**Vanadium ***	**24.0**	**ug/l**	**10/1/1994**	**0.3**	**23.7**
MW-2	**Vanadium ***	**22.0**	**ug/l**	**1/1/1995**	**0.3**	**21.7**
MW-2	**Vanadium ***	**70.0**	**ug/l**	**3/1/1995**	**0.3**	**69.7**
MW-2	**Vanadium ***	**50.0**	**ug/l**	**9/1/1995**	**0.3**	**49.7**
MW-2	**Vanadium ***	**1.2**	**ug/l**	**4/23/2008**	**0.3**	**0.9**
MW-2	**Vanadium ***	**0.7**	**ug/l**	**10/16/2008**	**0.3**	**0.4**
MW-2	**Vanadium ***	**1.8**	**ug/l**	**4/22/2009**	**0.3**	**1.5**
MW-2	**Vanadium ***	**1.2**	**ug/l**	**10/22/2009**	**0.3**	**0.9**
MW-2	**Vanadium ***	**0.6**	**ug/l**	**4/21/2010**	**0.3**	**0.3**
MW-2	**Vanadium ***	**0.9**	**ug/l**	**10/20/2010**	**0.3**	**0.6**
MW-2	**Vanadium ***	**6.2**	**ug/l**	**4/21/2011**	**0.3**	**5.9**
MW-2	**Vanadium ***	**0.9**	**ug/l**	**10/27/2011**	**0.3**	**0.59**
MW-2	**Vanadium ***	**1.0**	**ug/l**	**4/12/2012**	**0.3**	**0.7**
MW-2	**Vanadium ***	**3.9**	**ug/l**	**10/30/2012**	**0.3**	**3.6**
MW-2	**Vanadium ***	**1.8**	**ug/l**	**4/25/2013**	**0.3**	**1.5**
MW-2	**Vanadium ***	**0.5**	**ug/l**	**12/4/2013**	**0.3**	**0.19**
MW-2	**Vanadium ***	**0.6**	**ug/l**	**5/19/2014**	**0.3**	**0.31**
MW-2	**Vanadium ***	**2.2**	**ug/l**	**10/22/2014**	**0.3**	**1.9**
MW-2	**Vanadium ***	**3.5**	**ug/L**	**3/23/2015**	**0.3**	**3.2**
MW-2	**Vanadium ***	**4.1**	**ug/l**	**10/20/2015**	**0.3**	**3.8**

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Table 5

Historic Inorganic Detections

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-2	Zinc	37.0	ug/l	10/1/1994	1000	
MW-2	Zinc	26.0	ug/l	11/1/1994	1000	
MW-2	Zinc	9.6	ug/l	1/1/1995	1000	
MW-2	Zinc	10.4	ug/l	3/1/1995	1000	
MW-2	Zinc	50.0	ug/l	9/1/1995	1000	
MW-2	Zinc	10.2	ug/l	10/1/1996	1000	
MW-2	Zinc	23.0	ug/l	10/1/1997	1000	
MW-2	Zinc	60.0	ug/l	10/1/1999	1000	
MW-2	Zinc	13.0	ug/l	5/1/2007	1000	
MW-2	Zinc	12.0	ug/l	4/23/2008	1000	
MW-2	Zinc	9.1	ug/l	10/16/2008	1000	
MW-2	Zinc	9.6	ug/l	4/22/2009	1000	
MW-2	Zinc	6.1	ug/l	10/22/2009	1000	
MW-2	Zinc	7.9	ug/l	4/21/2010	1000	
MW-2	Zinc	12.0	ug/l	10/20/2010	1000	
MW-2	Zinc	16.0	ug/l	4/21/2011	1000	
MW-2	Zinc	18.0	ug/l	10/27/2011	1000	
MW-2	Zinc	14.0	ug/l	4/12/2012	1000	
MW-2	Zinc	11.0	ug/l	10/30/2012	1000	
MW-2	Zinc	7.8	ug/l	4/25/2013	1000	
MW-2	Zinc	8.4	ug/l	12/4/2013	1000	
MW-2	Zinc	12.0	ug/l	5/19/2014	1000	
MW-2	Zinc	6.4	ug/l	10/22/2014	1000	
MW-2	Zinc	18.0	ug/L	3/23/2015	1000	
MW-2	Zinc	9.9	ug/l	10/20/2015	1000	
MW-23B	Arsenic, total	0.5	ug/l	10/16/2008	10	
MW-23B	Arsenic, total	0.2	ug/l	4/21/2010	10	
MW-23B	Arsenic, total	0.2	ug/l	10/30/2012	10	
MW-23B	Arsenic, total	0.3	ug/l	4/25/2013	10	
MW-23B	Barium, total	71.0	ug/l	10/1/1994	700	
MW-23B	Barium, total	170.0	ug/l	11/1/1994	700	
MW-23B	Barium, total	109.0	ug/l	1/1/1995	700	
MW-23B	Barium, total	228.0	ug/l	3/1/1995	700	
MW-23B	Barium, total	76.0	ug/l	2/1/1996	700	
MW-23B	Barium, total	29.0	ug/l	4/1/1998	700	
MW-23B	Barium, total	77.0	ug/l	10/1/1998	700	
MW-23B	Barium, total	26.0	ug/l	3/1/1999	700	
MW-23B	Barium, total	16.0	ug/l	10/1/1999	700	
MW-23B	Barium, total	84.0	ug/l	4/1/2000	700	
MW-23B	Barium, total	101.0	ug/l	4/1/2008	700	
MW-23B	Barium, total	101.0	ug/l	4/23/2008	700	
MW-23B	Barium, total	101.0	ug/l	10/16/2008	700	
MW-23B	Barium, total	75.4	ug/l	4/22/2009	700	
MW-23B	Barium, total	85.7	ug/l	10/22/2009	700	
MW-23B	Barium, total	92.1	ug/l	4/21/2010	700	
MW-23B	Barium, total	78.4	ug/l	10/20/2010	700	
MW-23B	Barium, total	59.7	ug/l	4/21/2011	700	
MW-23B	Barium, total	59.1	ug/l	10/27/2011	700	
MW-23B	Barium, total	41.0	ug/l	4/12/2012	700	
MW-23B	Barium, total	89.2	ug/l	10/30/2012	700	
MW-23B	Barium, total	73.5	ug/l	4/25/2013	700	
MW-23B	Beryllium, total *	2.0	ug/l	11/1/1994	4	
MW-23B	**Beryllium, total ***	**20.0**	**ug/l**	**3/1/1995**	**4**	**16**
MW-23B	Cadmium, total	0.8	ug/l	10/1/1994	2	
MW-23B	Cadmium, total	1.0	ug/l	11/1/1994	2	
MW-23B	Cadmium, total	0.1	ug/l	10/16/2008	2	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-23B	Cadmium, total	0.1	ug/l	4/22/2009	2	
MW-23B	Cadmium, total	0.7	ug/l	10/22/2009	2	
MW-23B	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-23B	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-23B	Cadmium, total	0.2	ug/l	10/27/2011	2	
MW-23B	Cadmium, total	0.1	ug/l	4/12/2012	2	
MW-23B	Cadmium, total	0.1	ug/l	10/30/2012	2	
MW-23B	Chromium, total	9.0	ug/l	10/1/1994	10	
MW-23B	**Chromium, total**	**25.0**	**ug/l**	**11/1/1994**	**10**	**15**
MW-23B	**Chromium, total**	**12.0**	**ug/l**	**3/1/1995**	**10**	**2**
MW-23B	**Chromium, total**	**10.5**	**ug/l**	**2/1/1996**	**10**	**0.5**
MW-23B	**Chromium, total**	**25.0**	**ug/l**	**3/1/1999**	**10**	**15**
MW-23B	**Chromium, total**	**10.4**	**ug/l**	**10/1/1999**	**10**	**0.4**
MW-23B	Copper, total	15.0	ug/l	10/1/1994	1000	
MW-23B	Copper, total	33.4	ug/l	11/1/1994	1000	
MW-23B	Copper, total	20.0	ug/l	1/1/1995	1000	
MW-23B	Copper, total	37.0	ug/l	3/1/1995	1000	
MW-23B	Lead, total	5.0	ug/l	10/1/1994	15	
MW-23B	Lead, total	15.0	ug/l	11/1/1994	15	
MW-23B	Lead, total	6.0	ug/l	1/1/1995	15	
MW-23B	**Lead, total**	**18.0**	**ug/l**	**3/1/1995**	**15**	**3**
MW-23B	**Lead, total**	**15.7**	**ug/l**	**2/1/1996**	**15**	**0.7**
MW-23B	Lead, total	5.0	ug/l	10/1/1997	15	
MW-23B	Lead, total	2.0	ug/l	4/1/1998	15	
MW-23B	Lead, total	9.0	ug/l	10/1/1998	15	
MW-23B	**Lead, total**	**49.0**	**ug/l**	**3/1/1999**	**15**	**34**
MW-23B	**Lead, total**	**89.0**	**ug/l**	**10/1/1999**	**15**	**74**
MW-23B	Lead, total	0.8	ug/l	4/23/2008	15	
MW-23B	Lead, total	0.9	ug/l	10/16/2008	15	
MW-23B	Lead, total	0.4	ug/l	4/22/2009	15	
MW-23B	Lead, total	0.7	ug/l	10/22/2009	15	
MW-23B	Lead, total	0.6	ug/l	4/21/2010	15	
MW-23B	Lead, total	0.5	ug/l	10/20/2010	15	
MW-23B	Lead, total	0.4	ug/l	4/21/2011	15	
MW-23B	Lead, total	0.8	ug/l	10/27/2011	15	
MW-23B	Lead, total	0.3	ug/l	4/12/2012	15	
MW-23B	Lead, total	1.3	ug/l	10/30/2012	15	
MW-23B	Lead, total	0.4	ug/l	4/25/2013	15	
MW-23B	**Mercury**	**1.7**	**ug/l**	**3/1/1999**	**1**	**0.7**
MW-23B	Mercury	0.3	ug/l	10/1/1999	1	
MW-23B	Mercury	0.1	ug/l	4/21/2011	1	
MW-23B	Mercury	0.1	ug/l	4/25/2013	1	
MW-23B	Selenium, total	2.0	ug/l	10/1/1999	20	
MW-23B	Selenium, total	0.1	ug/l	4/25/2013	20	
MW-23B	Silver, total	0.1	ug/l	1/1/1995	20	
MW-23B	Silver, total	0.1	ug/l	10/20/2010	20	
MW-23B	Silver, total	0.1	ug/l	10/27/2011	20	
MW-23B	**Vanadium ***	**13.0**	**ug/l**	**10/1/1994**	**0.3**	**12.7**
MW-23B	**Vanadium ***	**50.0**	**ug/l**	**11/1/1994**	**0.3**	**49.7**
MW-23B	**Vanadium ***	**6.0**	**ug/l**	**1/1/1995**	**0.3**	**5.7**
MW-23B	**Vanadium ***	**40.0**	**ug/l**	**3/1/1995**	**0.3**	**39.7**
MW-23B	Zinc	43.0	ug/l	10/1/1994	1000	
MW-23B	Zinc	35.0	ug/l	11/1/1994	1000	
MW-23B	Zinc	21.0	ug/l	1/1/1995	1000	
MW-23B	Zinc	47.0	ug/l	3/1/1995	1000	
MW-3	Barium, total	95.0	ug/l	10/1/1994	700	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-3	Barium, total	174.0	ug/l	11/1/1994	700	
MW-3	Barium, total	83.0	ug/l	1/1/1995	700	
MW-3	Barium, total	61.0	ug/l	3/1/1995	700	
MW-3	Barium, total	62.0	ug/l	10/1/1997	700	
MW-3	Barium, total	100.0	ug/l	3/1/1999	700	
MW-3	Beryllium, total *	4.0	ug/l	11/1/1994	4	
MW-3	**Beryllium, total ***	**80.0**	**ug/l**	**1/1/1995**	**4**	**76**
MW-3	**Beryllium, total ***	**7.0**	**ug/l**	**3/1/1995**	**4**	**3**
MW-3	**Beryllium, total ***	**7.0**	**ug/l**	**9/1/1995**	**4**	**3**
MW-3	**Beryllium, total ***	**6.2**	**ug/l**	**4/1/1996**	**4**	**2.17**
MW-3	**Beryllium, total ***	**11.1**	**ug/l**	**10/1/1996**	**4**	**7.1**
MW-3	**Beryllium, total ***	**8.9**	**ug/l**	**4/1/1997**	**4**	**4.85**
MW-3	Beryllium, total *	4.0	ug/l	10/1/1997	4	
MW-3	**Beryllium, total ***	**5.0**	**ug/l**	**4/1/1998**	**4**	**1**
MW-3	**Beryllium, total ***	**5.0**	**ug/l**	**10/1/1998**	**4**	**1**
MW-3	**Beryllium, total ***	**11.0**	**ug/l**	**3/1/1999**	**4**	**7**
MW-3	**Beryllium, total ***	**8.0**	**ug/l**	**10/1/1999**	**4**	**4**
MW-3	**Beryllium, total ***	**6.0**	**ug/l**	**4/1/2000**	**4**	**2**
MW-3	**Beryllium, total ***	**5.0**	**ug/l**	**10/1/2000**	**4**	**1**
MW-3	**Beryllium, total ***	**5.0**	**ug/l**	**10/1/2001**	**4**	**1**
MW-3	**Beryllium, total ***	**5.0**	**ug/l**	**4/1/2002**	**4**	**1**
MW-3	**Beryllium, total ***	**5.0**	**ug/l**	**10/1/2002**	**4**	**1**
MW-3	**Beryllium, total ***	**5.0**	**ug/l**	**4/1/2003**	**4**	**1**
MW-3	**Beryllium, total ***	**5.0**	**ug/l**	**10/1/2003**	**4**	**1**
MW-3	**Beryllium, total ***	**5.0**	**ug/l**	**4/1/2004**	**4**	**1**
MW-3	**Beryllium, total ***	**6.0**	**ug/l**	**10/1/2004**	**4**	**2**
MW-3	Cadmium, total	2.0	ug/l	11/1/1994	2	
MW-3	Cadmium, total	1.0	ug/l	1/1/1995	2	
MW-3	**Cadmium, total**	**11.0**	**ug/l**	**3/1/1995**	**2**	**9**
MW-3	Chromium, total	5.0	ug/l	10/1/1994	10	
MW-3	Chromium, total	3.0	ug/l	3/1/1995	10	
MW-3	Chromium, total	10.0	ug/l	10/1/1999	10	
MW-3	**Chromium, total**	**14.0**	**ug/l**	**4/1/2002**	**10**	**4**
MW-3	**Cobalt, total ***	**5.0**	**ug/l**	**11/1/1994**	**1**	**4**
MW-3	**Cobalt, total ***	**12.0**	**ug/l**	**1/1/1995**	**1**	**11**
MW-3	Copper, total	6.0	ug/l	3/1/1995	1000	
MW-3	Copper, total	6.0	ug/l	10/1/1997	1000	
MW-3	Lead, total	6.0	ug/l	10/1/1994	15	
MW-3	Lead, total	3.0	ug/l	10/1/1997	15	
MW-3	Lead, total	10.0	ug/l	10/1/1999	15	
MW-3	**Vanadium ***	**9.0**	**ug/l**	**10/1/1994**	**0.3**	**8.7**
MW-3	**Vanadium ***	**70.0**	**ug/l**	**3/1/1995**	**0.3**	**69.7**
MW-3	Zinc	23.0	ug/l	10/1/1994	1000	
MW-3	Zinc	39.0	ug/l	11/1/1994	1000	
MW-3	Zinc	18.0	ug/l	1/1/1995	1000	
MW-3	Zinc	18.0	ug/l	3/1/1995	1000	
MW-3	Zinc	60.0	ug/l	9/1/1995	1000	
MW-3	Zinc	30.0	ug/l	10/1/1997	1000	
MW-3	Zinc	50.0	ug/l	10/1/1999	1000	
MW-3	Zinc	15.0	ug/l	5/1/2007	1000	
MW-31	Antimony, total *	0.1	ug/l	10/22/2009	1	
MW-31	Antimony, total *	0.2	ug/l	10/30/2012	1	
MW-31	Antimony, total *	0.2	ug/l	4/25/2013	1	
MW-31	Arsenic, total	5.0	ug/l	3/1/1995	10	
MW-31	**Arsenic, total**	**55.0**	**ug/l**	**9/1/1995**	**10**	**45**
MW-31	**Arsenic, total**	**11.0**	**ug/l**	**4/1/1996**	**10**	**1**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-31	**Arsenic, total**	**31.5**	**ug/l**	**4/1/1997**	**10**	**21.5**
MW-31	Arsenic, total	5.0	ug/l	10/1/1997	10	
MW-31	Arsenic, total	4.4	ug/l	4/23/2008	10	
MW-31	Arsenic, total	4.8	ug/l	10/16/2008	10	
MW-31	Arsenic, total	0.9	ug/l	4/22/2009	10	
MW-31	Arsenic, total	1.2	ug/l	10/22/2009	10	
MW-31	Arsenic, total	0.4	ug/l	4/21/2010	10	
MW-31	Arsenic, total	2.3	ug/l	4/21/2011	10	
MW-31	Arsenic, total	3.0	ug/l	10/27/2011	10	
MW-31	Arsenic, total	0.2	ug/l	4/25/2013	10	
MW-31	Barium, total	40.0	ug/l	10/1/1994	700	
MW-31	Barium, total	157.0	ug/l	1/1/1995	700	
MW-31	Barium, total	97.0	ug/l	3/1/1995	700	
MW-31	Barium, total	98.0	ug/l	10/1/1997	700	
MW-31	Barium, total	100.0	ug/l	3/1/1999	700	
MW-31	Barium, total	33.2	ug/l	4/23/2008	700	
MW-31	Barium, total	29.9	ug/l	10/16/2008	700	
MW-31	Barium, total	10.0	ug/l	4/22/2009	700	
MW-31	Barium, total	9.5	ug/l	10/22/2009	700	
MW-31	Barium, total	9.2	ug/l	4/21/2010	700	
MW-31	Barium, total	5.9	ug/l	10/20/2010	700	
MW-31	Barium, total	24.0	ug/l	4/21/2011	700	
MW-31	Barium, total	22.3	ug/l	10/27/2011	700	
MW-31	Barium, total	6.4	ug/l	4/12/2012	700	
MW-31	Barium, total	6.3	ug/l	10/30/2012	700	
MW-31	Barium, total	6.1	ug/l	4/25/2013	700	
MW-31	**Beryllium, total ***	**28.0**	**ug/l**	**11/1/1994**	**4**	**24**
MW-31	**Beryllium, total ***	**6.0**	**ug/l**	**9/1/1995**	**4**	**2**
MW-31	Beryllium, total *	3.5	ug/l	4/1/1997	4	
MW-31	Beryllium, total *	1.0	ug/l	10/1/1997	4	
MW-31	Beryllium, total *	2.0	ug/l	3/1/1999	4	
MW-31	**Beryllium, total ***	**5.0**	**ug/l**	**10/1/1999**	**4**	**1**
MW-31	Beryllium, total *	0.4	ug/l	4/23/2008	4	
MW-31	Beryllium, total *	0.5	ug/l	10/16/2008	4	
MW-31	Beryllium, total *	0.1	ug/l	4/22/2009	4	
MW-31	Beryllium, total *	0.1	ug/l	10/22/2009	4	
MW-31	Beryllium, total *	0.1	ug/l	4/21/2010	4	
MW-31	Beryllium, total *	0.1	ug/l	10/20/2010	4	
MW-31	Beryllium, total *	0.3	ug/l	4/21/2011	4	
MW-31	Beryllium, total *	0.3	ug/l	10/27/2011	4	
MW-31	Beryllium, total *	0.1	ug/l	4/12/2012	4	
MW-31	Beryllium, total *	0.1	ug/l	10/30/2012	4	
MW-31	Beryllium, total *	0.1	ug/l	4/25/2013	4	
MW-31	**Cadmium, total**	**5.0**	**ug/l**	**1/1/1995**	**2**	**3**
MW-31	**Cadmium, total**	**3.0**	**ug/l**	**3/1/1995**	**2**	**1**
MW-31	**Cadmium, total**	**3.0**	**ug/l**	**9/1/1995**	**2**	**1**
MW-31	Cadmium, total	1.3	ug/l	4/1/1997	2	
MW-31	Cadmium, total	0.5	ug/l	4/23/2008	2	
MW-31	Cadmium, total	0.3	ug/l	10/16/2008	2	
MW-31	Cadmium, total	0.1	ug/l	4/22/2009	2	
MW-31	Cadmium, total	0.1	ug/l	4/21/2010	2	
MW-31	Cadmium, total	0.2	ug/l	4/21/2011	2	
MW-31	Cadmium, total	0.6	ug/l	10/27/2011	2	
MW-31	Cadmium, total	0.1	ug/l	4/12/2012	2	
MW-31	Cadmium, total	0.1	ug/l	10/30/2012	2	
MW-31	Cadmium, total	0.1	ug/l	4/25/2013	2	
MW-31	**Chromium, total**	**21.0**	**ug/l**	**10/1/1994**	**10**	**11**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-31	**Chromium, total**	**15.0**	**ug/l**	**11/1/1994**	**10**	**5**
MW-31	**Chromium, total**	**21.0**	**ug/l**	**1/1/1995**	**10**	**11**
MW-31	**Chromium, total**	**21.0**	**ug/l**	**9/1/1995**	**10**	**11**
MW-31	**Chromium, total**	**43.6**	**ug/l**	**4/1/1996**	**10**	**33.6**
MW-31	**Chromium, total**	**12.4**	**ug/l**	**4/1/1997**	**10**	**2.4**
MW-31	Chromium, total	6.0	ug/l	10/1/1997	10	
MW-31	Chromium, total	4.0	ug/l	10/1/1998	10	
MW-31	Chromium, total	8.0	ug/l	3/1/1999	10	
MW-31	Chromium, total	10.0	ug/l	10/1/1999	10	
MW-31	Chromium, total	10.0	ug/l	4/1/2000	10	
MW-31	Chromium, total	9.5	ug/l	4/23/2008	10	
MW-31	Chromium, total	8.6	ug/l	10/16/2008	10	
MW-31	Chromium, total	2.4	ug/l	4/22/2009	10	
MW-31	Chromium, total	1.8	ug/l	10/22/2009	10	
MW-31	Chromium, total	2.2	ug/l	4/21/2010	10	
MW-31	Chromium, total	0.6	ug/l	10/20/2010	10	
MW-31	Chromium, total	7.0	ug/l	4/21/2011	10	
MW-31	Chromium, total	8.0	ug/l	10/27/2011	10	
MW-31	Chromium, total	0.8	ug/l	4/12/2012	10	
MW-31	Chromium, total	0.7	ug/l	10/30/2012	10	
MW-31	Chromium, total	0.7	ug/l	4/25/2013	10	
MW-31	**Cobalt, total ***	**7.0**	**ug/l**	**1/1/1995**	**1**	**6**
MW-31	**Cobalt, total ***	**20.0**	**ug/l**	**9/1/1995**	**1**	**19**
MW-31	Cobalt, total *	0.5	ug/l	4/23/2008	1	
MW-31	Cobalt, total *	0.4	ug/l	10/16/2008	1	
MW-31	Cobalt, total *	0.2	ug/l	4/22/2009	1	
MW-31	Cobalt, total *	0.2	ug/l	10/22/2009	1	
MW-31	Cobalt, total *	0.2	ug/l	4/21/2010	1	
MW-31	Cobalt, total *	0.1	ug/l	10/20/2010	1	
MW-31	Cobalt, total *	0.3	ug/l	4/21/2011	1	
MW-31	Cobalt, total *	0.5	ug/l	10/27/2011	1	
MW-31	Cobalt, total *	0.1	ug/l	4/12/2012	1	
MW-31	Cobalt, total *	0.1	ug/l	10/30/2012	1	
MW-31	Cobalt, total *	0.1	ug/l	4/25/2013	1	
MW-31	Copper, total	17.0	ug/l	10/1/1994	1000	
MW-31	Copper, total	12.0	ug/l	11/1/1994	1000	
MW-31	Copper, total	95.0	ug/l	1/1/1995	1000	
MW-31	Copper, total	40.0	ug/l	3/1/1995	1000	
MW-31	Copper, total	22.0	ug/l	9/1/1995	1000	
MW-31	Copper, total	33.4	ug/l	4/1/1996	1000	
MW-31	Copper, total	43.0	ug/l	10/1/1997	1000	
MW-31	Copper, total	60.0	ug/l	10/1/1998	1000	
MW-31	Copper, total	70.0	ug/l	3/1/1999	1000	
MW-31	Copper, total	6.1	ug/l	4/23/2008	1000	
MW-31	Copper, total	5.1	ug/l	10/16/2008	1000	
MW-31	Copper, total	2.0	ug/l	4/22/2009	1000	
MW-31	Copper, total	2.1	ug/l	10/22/2009	1000	
MW-31	Copper, total	1.9	ug/l	4/21/2010	1000	
MW-31	Copper, total	0.5	ug/l	10/20/2010	1000	
MW-31	Copper, total	5.7	ug/l	4/21/2011	1000	
MW-31	Copper, total	5.5	ug/l	10/27/2011	1000	
MW-31	Copper, total	0.9	ug/l	4/12/2012	1000	
MW-31	Copper, total	0.4	ug/l	10/30/2012	1000	
MW-31	Copper, total	0.8	ug/l	4/25/2013	1000	
MW-31	Lead, total	11.0	ug/l	10/1/1994	15	
MW-31	Lead, total	6.0	ug/l	11/1/1994	15	
MW-31	Lead, total	5.2	ug/l	1/1/1995	15	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-31	Lead, total	3.3	ug/l	3/1/1995	15	
MW-31	Lead, total	1.7	ug/l	9/1/1995	15	
MW-31	Lead, total	3.1	ug/l	4/1/1996	15	
MW-31	Lead, total	8.8	ug/l	4/1/1997	15	
MW-31	Lead, total	4.5	ug/l	10/1/1997	15	
MW-31	Lead, total	3.0	ug/l	10/1/1998	15	
MW-31	Lead, total	5.0	ug/l	3/1/1999	15	
MW-31	Lead, total	6.0	ug/l	10/1/1999	15	
MW-31	Lead, total	1.4	ug/l	4/23/2008	15	
MW-31	Lead, total	1.3	ug/l	10/16/2008	15	
MW-31	Lead, total	2.3	ug/l	4/22/2009	15	
MW-31	Lead, total	2.4	ug/l	10/22/2009	15	
MW-31	Lead, total	1.8	ug/l	4/21/2010	15	
MW-31	Lead, total	0.4	ug/l	10/20/2010	15	
MW-31	Lead, total	8.4	ug/l	4/21/2011	15	
MW-31	Lead, total	8.7	ug/l	10/27/2011	15	
MW-31	Lead, total	0.4	ug/l	4/12/2012	15	
MW-31	Lead, total	0.4	ug/l	10/30/2012	15	
MW-31	Lead, total	0.6	ug/l	4/25/2013	15	
MW-31	Nickel, total	0.6	ug/l	4/23/2008	100	
MW-31	Nickel, total	0.3	ug/l	10/16/2008	100	
MW-31	Nickel, total	0.4	ug/l	4/22/2009	100	
MW-31	Nickel, total	0.6	ug/l	10/22/2009	100	
MW-31	Nickel, total	0.5	ug/l	4/21/2011	100	
MW-31	Nickel, total	9.1	ug/l	10/27/2011	100	
MW-31	Nickel, total	0.3	ug/l	4/12/2012	100	
MW-31	Nickel, total	0.5	ug/l	10/30/2012	100	
MW-31	Selenium, total	0.3	ug/l	4/23/2008	20	
MW-31	Selenium, total	0.2	ug/l	10/16/2008	20	
MW-31	Silver, total	0.1	ug/l	4/23/2008	20	
MW-31	Silver, total	0.1	ug/l	10/16/2008	20	
MW-31	Silver, total	0.1	ug/l	4/21/2010	20	
MW-31	Thallium, total *	0.1	ug/l	4/23/2008	0.28	
MW-31	Thallium, total *	0.1	ug/l	10/16/2008	0.28	
MW-31	Thallium, total *	0.1	ug/l	4/21/2011	0.28	
MW-31	Thallium, total *	0.1	ug/l	10/27/2011	0.28	
MW-31	**Vanadium ***	**4.5**	**ug/l**	**10/1/1994**	**0.3**	**4.2**
MW-31	**Vanadium ***	**2.6**	**ug/l**	**11/1/1994**	**0.3**	**2.3**
MW-31	**Vanadium ***	**3.2**	**ug/l**	**1/1/1995**	**0.3**	**2.9**
MW-31	**Vanadium ***	**8.0**	**ug/l**	**3/1/1995**	**0.3**	**7.7**
MW-31	**Vanadium ***	**4.1**	**ug/l**	**9/1/1995**	**0.3**	**3.8**
MW-31	**Vanadium ***	**8.7**	**ug/l**	**4/1/1996**	**0.3**	**8.39**
MW-31	**Vanadium ***	**23.5**	**ug/l**	**4/1/1997**	**0.3**	**23.2**
MW-31	**Vanadium ***	**11.0**	**ug/l**	**10/1/1997**	**0.3**	**10.7**
MW-31	**Vanadium ***	**40.0**	**ug/l**	**10/1/1998**	**0.3**	**39.7**
MW-31	**Vanadium ***	**13.0**	**ug/l**	**3/1/1999**	**0.3**	**12.7**
MW-31	**Vanadium ***	**20.7**	**ug/l**	**4/23/2008**	**0.3**	**20.4**
MW-31	**Vanadium ***	**19.9**	**ug/l**	**10/16/2008**	**0.3**	**19.6**
MW-31	**Vanadium ***	**6.2**	**ug/l**	**4/22/2009**	**0.3**	**5.9**
MW-31	**Vanadium ***	**6.5**	**ug/l**	**10/22/2009**	**0.3**	**6.2**
MW-31	**Vanadium ***	**4.3**	**ug/l**	**4/21/2010**	**0.3**	**4**
MW-31	**Vanadium ***	**1.5**	**ug/l**	**10/20/2010**	**0.3**	**1.2**
MW-31	**Vanadium ***	**14.4**	**ug/l**	**4/21/2011**	**0.3**	**14.1**
MW-31	**Vanadium ***	**17.2**	**ug/l**	**10/27/2011**	**0.3**	**16.9**
MW-31	**Vanadium ***	**1.0**	**ug/l**	**4/12/2012**	**0.3**	**0.7**
MW-31	**Vanadium ***	**0.4**	**ug/l**	**10/30/2012**	**0.3**	**0.08**
MW-31	**Vanadium ***	**1.9**	**ug/l**	**4/25/2013**	**0.3**	**1.6**

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-31	Zinc	17.0	ug/l	10/1/1994	1000	
MW-31	Zinc	10.0	ug/l	11/1/1994	1000	
MW-31	Zinc	27.0	ug/l	1/1/1995	1000	
MW-31	Zinc	37.0	ug/l	3/1/1995	1000	
MW-31	Zinc	70.0	ug/l	9/1/1995	1000	
MW-31	Zinc	50.0	ug/l	10/1/1997	1000	
MW-31	Zinc	40.0	ug/l	10/1/1998	1000	
MW-31	Zinc	40.0	ug/l	3/1/1999	1000	
MW-31	Zinc	10.0	ug/l	10/1/1999	1000	
MW-31	Zinc	17.0	ug/l	5/1/2007	1000	
MW-31	Zinc	10.0	ug/l	4/23/2008	1000	
MW-31	Zinc	6.9	ug/l	10/16/2008	1000	
MW-31	Zinc	3.3	ug/l	4/22/2009	1000	
MW-31	Zinc	3.0	ug/l	10/22/2009	1000	
MW-31	Zinc	1.9	ug/l	4/21/2010	1000	
MW-31	Zinc	0.7	ug/l	10/20/2010	1000	
MW-31	Zinc	5.7	ug/l	4/21/2011	1000	
MW-31	Zinc	5.9	ug/l	10/27/2011	1000	
MW-31	Zinc	2.4	ug/l	4/12/2012	1000	
MW-31	Zinc	1.1	ug/l	10/30/2012	1000	
MW-31	Zinc	1.4	ug/l	4/25/2013	1000	
MW-32	**Antimony, total ***	**4.0**	**ug/l**	**11/1/1994**	**1**	**3**
MW-32	Antimony, total *	0.1	ug/L	3/24/2015	1	
MW-32	Antimony, total *	0.1	ug/l	10/21/2015	1	
MW-32	Arsenic, total	3.6	ug/l	4/23/2008	10	
MW-32	Arsenic, total	1.1	ug/l	10/16/2008	10	
MW-32	Arsenic, total	1.0	ug/l	4/22/2009	10	
MW-32	Arsenic, total	2.8	ug/l	10/22/2009	10	
MW-32	Arsenic, total	0.5	ug/l	4/21/2010	10	
MW-32	Arsenic, total	0.5	ug/l	10/20/2010	10	
MW-32	Arsenic, total	2.4	ug/l	4/21/2011	10	
MW-32	Arsenic, total	0.4	ug/l	10/27/2011	10	
MW-32	Arsenic, total	1.0	ug/l	4/12/2012	10	
MW-32	Arsenic, total	1.7	ug/l	10/30/2012	10	
MW-32	Arsenic, total	0.7	ug/l	4/25/2013	10	
MW-32	Arsenic, total	0.4	ug/l	12/4/2013	10	
MW-32	Arsenic, total	0.1	ug/l	5/20/2014	10	
MW-32	Arsenic, total	0.3	ug/l	10/23/2014	10	
MW-32	Arsenic, total	0.6	ug/l	10/21/2015	10	
MW-32	Barium, total	97.0	ug/l	10/1/1994	700	
MW-32	Barium, total	64.6	ug/l	11/1/1994	700	
MW-32	Barium, total	145.0	ug/l	1/1/1995	700	
MW-32	Barium, total	251.0	ug/l	3/1/1995	700	
MW-32	Barium, total	43.0	ug/l	4/1/1998	700	
MW-32	Barium, total	249.0	ug/l	10/1/1998	700	
MW-32	Barium, total	352.0	ug/l	3/1/1999	700	
MW-32	Barium, total	303.0	ug/l	10/1/1999	700	
MW-32	Barium, total	67.0	ug/l	4/1/2000	700	
MW-32	Barium, total	105.0	ug/l	4/1/2008	700	
MW-32	Barium, total	105.0	ug/l	4/23/2008	700	
MW-32	Barium, total	62.9	ug/l	10/16/2008	700	
MW-32	Barium, total	59.2	ug/l	4/22/2009	700	
MW-32	Barium, total	110.0	ug/l	10/22/2009	700	
MW-32	Barium, total	35.5	ug/l	4/21/2010	700	
MW-32	Barium, total	41.3	ug/l	10/20/2010	700	
MW-32	Barium, total	360.0	ug/l	4/21/2011	700	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-32	Barium, total	29.0	ug/l	10/27/2011	700	
MW-32	Barium, total	43.3	ug/l	4/12/2012	700	
MW-32	Barium, total	60.2	ug/l	10/30/2012	700	
MW-32	Barium, total	32.5	ug/l	4/25/2013	700	
MW-32	Barium, total	54.7	ug/l	12/4/2013	700	
MW-32	Barium, total	45.7	ug/l	5/20/2014	700	
MW-32	Barium, total	61.0	ug/l	10/23/2014	700	
MW-32	Barium, total	82.0	ug/L	3/24/2015	700	
MW-32	Barium, total	82.4	ug/l	10/21/2015	700	
MW-32	Beryllium, total *	4.0	ug/l	3/1/1995	4	
MW-32	Beryllium, total *	0.1	ug/l	12/4/2013	4	
MW-32	Beryllium, total *	0.2	ug/l	10/23/2014	4	
MW-32	Beryllium, total *	0.5	ug/l	10/21/2015	4	
MW-32	Cadmium, total	1.3	ug/l	10/1/1994	2	
MW-32	**Cadmium, total**	**4.0**	**ug/l**	**11/1/1994**	**2**	**2**
MW-32	**Cadmium, total**	**25.0**	**ug/l**	**10/1/1998**	**2**	**23**
MW-32	Cadmium, total	1.0	ug/l	3/1/1999	2	
MW-32	Cadmium, total	1.0	ug/l	10/1/1999	2	
MW-32	Cadmium, total	1.0	ug/l	4/1/2008	2	
MW-32	Cadmium, total	1.0	ug/l	4/23/2008	2	
MW-32	Cadmium, total	0.2	ug/l	10/16/2008	2	
MW-32	Cadmium, total	0.2	ug/l	4/22/2009	2	
MW-32	Cadmium, total	0.5	ug/l	10/22/2009	2	
MW-32	Cadmium, total	0.1	ug/l	4/21/2010	2	
MW-32	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-32	Cadmium, total	1.0	ug/l	4/21/2011	2	
MW-32	Cadmium, total	0.1	ug/l	10/27/2011	2	
MW-32	Cadmium, total	0.2	ug/l	4/12/2012	2	
MW-32	Cadmium, total	0.2	ug/l	10/30/2012	2	
MW-32	Cadmium, total	0.1	ug/l	4/25/2013	2	
MW-32	Cadmium, total	0.2	ug/l	12/4/2013	2	
MW-32	Cadmium, total	0.2	ug/l	10/23/2014	2	
MW-32	Cadmium, total	0.4	ug/l	10/21/2015	2	
MW-32	Chromium, total	4.0	ug/l	10/1/1994	10	
MW-32	**Chromium, total**	**13.3**	**ug/l**	**11/1/1994**	**10**	**3.3**
MW-32	**Chromium, total**	**15.0**	**ug/l**	**1/1/1995**	**10**	**5**
MW-32	**Chromium, total**	**22.0**	**ug/l**	**3/1/1995**	**10**	**12**
MW-32	**Chromium, total**	**38.0**	**ug/l**	**3/1/1999**	**10**	**28**
MW-32	**Chromium, total**	**41.0**	**ug/l**	**10/1/1999**	**10**	**31**
MW-32	**Chromium, total**	**94.0**	**ug/l**	**4/1/2003**	**10**	**84**
MW-32	**Chromium, total**	**12.0**	**ug/l**	**10/1/2003**	**10**	**2**
MW-32	Chromium, total	9.5	ug/l	4/23/2008	10	
MW-32	Chromium, total	4.9	ug/l	10/16/2008	10	
MW-32	Chromium, total	5.0	ug/l	4/22/2009	10	
MW-32	Chromium, total	7.9	ug/l	10/22/2009	10	
MW-32	Chromium, total	2.6	ug/l	4/21/2010	10	
MW-32	Chromium, total	3.0	ug/l	10/20/2010	10	
MW-32	**Chromium, total**	**14.0**	**ug/l**	**4/21/2011**	**10**	**4**
MW-32	Chromium, total	2.3	ug/l	10/27/2011	10	
MW-32	Chromium, total	5.5	ug/l	4/12/2012	10	
MW-32	Chromium, total	8.1	ug/l	10/30/2012	10	
MW-32	Chromium, total	3.3	ug/l	4/25/2013	10	
MW-32	Chromium, total	0.3	ug/l	12/4/2013	10	
MW-32	Chromium, total	0.1	ug/l	5/20/2014	10	
MW-32	Chromium, total	0.6	ug/l	10/23/2014	10	
MW-32	Chromium, total	0.8	ug/L	3/24/2015	10	
MW-32	Chromium, total	1.9	ug/l	10/21/2015	10	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-32	**Cobalt, total ***	**39.0**	**ug/l**	**11/1/1994**	**1**	**38**
MW-32	**Cobalt, total ***	**13.0**	**ug/l**	**1/1/1995**	**1**	**12**
MW-32	**Cobalt, total ***	**9.0**	**ug/l**	**3/1/1995**	**1**	**8**
MW-32	Cobalt, total *	0.5	ug/l	12/4/2013	1	
MW-32	Cobalt, total *	0.1	ug/l	5/20/2014	1	
MW-32	Cobalt, total *	0.4	ug/l	10/23/2014	1	
MW-32	Cobalt, total *	0.2	ug/L	3/24/2015	1	
MW-32	**Cobalt, total ***	**1.3**	**ug/l**	**10/21/2015**	**1**	**0.3**
MW-32	Copper, total	6.0	ug/l	10/1/1994	1000	
MW-32	Copper, total	94.0	ug/l	11/1/1994	1000	
MW-32	Copper, total	17.0	ug/l	1/1/1995	1000	
MW-32	Copper, total	26.0	ug/l	3/1/1995	1000	
MW-32	Copper, total	1.1	ug/l	12/4/2013	1000	
MW-32	Copper, total	0.8	ug/l	5/20/2014	1000	
MW-32	Copper, total	1.0	ug/l	10/23/2014	1000	
MW-32	Copper, total	1.1	ug/L	3/24/2015	1000	
MW-32	Copper, total	2.0	ug/l	10/21/2015	1000	
MW-32	Lead, total	2.0	ug/l	10/1/1994	15	
MW-32	**Lead, total**	**90.0**	**ug/l**	**11/1/1994**	**15**	**75**
MW-32	Lead, total	10.0	ug/l	1/1/1995	15	
MW-32	**Lead, total**	**20.0**	**ug/l**	**3/1/1995**	**15**	**5**
MW-32	Lead, total	4.0	ug/l	10/1/1997	15	
MW-32	Lead, total	2.0	ug/l	4/1/1998	15	
MW-32	Lead, total	12.0	ug/l	10/1/1998	15	
MW-32	**Lead, total**	**64.0**	**ug/l**	**3/1/1999**	**15**	**49**
MW-32	**Lead, total**	**33.0**	**ug/l**	**10/1/1999**	**15**	**18**
MW-32	**Lead, total**	**63.0**	**ug/l**	**4/1/2003**	**15**	**48**
MW-32	**Lead, total**	**29.0**	**ug/l**	**4/1/2005**	**15**	**14**
MW-32	**Lead, total**	**21.0**	**ug/l**	**4/1/2006**	**15**	**6**
MW-32	Lead, total	11.0	ug/l	5/1/2007	15	
MW-32	Lead, total	11.0	ug/l	10/1/2007	15	
MW-32	**Lead, total**	**24.0**	**ug/l**	**4/1/2008**	**15**	**9**
MW-32	**Lead, total**	**24.0**	**ug/l**	**4/23/2008**	**15**	**9**
MW-32	Lead, total	8.7	ug/l	10/16/2008	15	
MW-32	Lead, total	8.2	ug/l	4/22/2009	15	
MW-32	**Lead, total**	**23.0**	**ug/l**	**10/22/2009**	**15**	**8**
MW-32	Lead, total	3.0	ug/l	4/21/2010	15	
MW-32	Lead, total	4.3	ug/l	10/20/2010	15	
MW-32	**Lead, total**	**52.0**	**ug/l**	**4/21/2011**	**15**	**37**
MW-32	Lead, total	2.9	ug/l	10/27/2011	15	
MW-32	Lead, total	6.6	ug/l	4/12/2012	15	
MW-32	Lead, total	13.0	ug/l	10/30/2012	15	
MW-32	Lead, total	4.2	ug/l	4/25/2013	15	
MW-32	Lead, total	0.5	ug/l	12/4/2013	15	
MW-32	Lead, total	0.2	ug/l	5/20/2014	15	
MW-32	Lead, total	0.9	ug/l	10/23/2014	15	
MW-32	Lead, total	0.2	ug/L	3/24/2015	15	
MW-32	Lead, total	2.3	ug/l	10/21/2015	15	
MW-32	Mercury	0.1	ug/l	10/22/2009	1	
MW-32	Mercury	0.2	ug/l	4/21/2011	1	
MW-32	Mercury	0.1	ug/l	4/25/2013	1	
MW-32	Nickel, total	50.0	ug/l	11/1/1994	100	
MW-32	Nickel, total	1.2	ug/l	12/4/2013	100	
MW-32	Nickel, total	0.7	ug/l	5/20/2014	100	
MW-32	Nickel, total	1.0	ug/l	10/23/2014	100	
MW-32	Nickel, total	0.7	ug/L	3/24/2015	100	
MW-32	Nickel, total	1.4	ug/l	10/21/2015	100	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-32	Selenium, total	2.0	ug/l	11/1/1994	20	
MW-32	Selenium, total	0.6	ug/l	4/23/2008	20	
MW-32	Selenium, total	0.3	ug/l	10/16/2008	20	
MW-32	Selenium, total	0.4	ug/l	4/22/2009	20	
MW-32	Selenium, total	0.6	ug/l	10/22/2009	20	
MW-32	Selenium, total	2.4	ug/l	4/21/2011	20	
MW-32	Selenium, total	0.5	ug/l	10/30/2012	20	
MW-32	Selenium, total	0.2	ug/l	4/25/2013	20	
MW-32	Selenium, total	0.1	ug/l	12/4/2013	20	
MW-32	Selenium, total	0.1	ug/l	5/20/2014	20	
MW-32	Selenium, total	0.3	ug/l	10/23/2014	20	
MW-32	Selenium, total	0.4	ug/l	10/21/2015	20	
MW-32	Silver, total	0.1	ug/l	4/23/2008	20	
MW-32	Silver, total	0.1	ug/l	10/16/2008	20	
MW-32	Silver, total	0.1	ug/l	4/22/2009	20	
MW-32	Silver, total	0.1	ug/l	10/22/2009	20	
MW-32	Silver, total	0.1	ug/l	4/21/2010	20	
MW-32	Silver, total	0.3	ug/l	4/21/2011	20	
MW-32	**Vanadium ***	**5.0**	**ug/l**	**10/1/1994**	**0.3**	**4.7**
MW-32	**Vanadium ***	**4.1**	**ug/l**	**11/1/1994**	**0.3**	**3.8**
MW-32	**Vanadium ***	**4.5**	**ug/l**	**1/1/1995**	**0.3**	**4.2**
MW-32	**Vanadium ***	**9.0**	**ug/l**	**3/1/1995**	**0.3**	**8.7**
MW-32	**Vanadium ***	**2.3**	**ug/l**	**12/4/2013**	**0.3**	**2**
MW-32	**Vanadium ***	**1.4**	**ug/l**	**5/20/2014**	**0.3**	**1.1**
MW-32	**Vanadium ***	**2.9**	**ug/l**	**10/23/2014**	**0.3**	**2.6**
MW-32	**Vanadium ***	**5.3**	**ug/l**	**10/21/2015**	**0.3**	**5**
MW-32	Zinc	8.0	ug/l	10/1/1994	1000	
MW-32	Zinc	18.9	ug/l	11/1/1994	1000	
MW-32	Zinc	29.0	ug/l	1/1/1995	1000	
MW-32	Zinc	51.0	ug/l	3/1/1995	1000	
MW-32	Zinc	11.0	ug/l	12/4/2013	1000	
MW-32	Zinc	2.6	ug/l	5/20/2014	1000	
MW-32	Zinc	9.0	ug/l	10/23/2014	1000	
MW-32	Zinc	18.0	ug/L	3/24/2015	1000	
MW-32	Zinc	10.0	ug/l	10/21/2015	1000	
MW-33	Antimony, total *	0.8	ug/l	10/21/2015	1	
MW-33	Arsenic, total	0.1	ug/l	4/23/2008	10	
MW-33	Arsenic, total	0.5	ug/l	10/16/2008	10	
MW-33	Arsenic, total	0.3	ug/l	4/22/2009	10	
MW-33	Arsenic, total	0.4	ug/l	10/22/2009	10	
MW-33	Arsenic, total	0.4	ug/l	4/21/2010	10	
MW-33	Arsenic, total	0.6	ug/l	10/20/2010	10	
MW-33	Arsenic, total	0.9	ug/l	4/21/2011	10	
MW-33	Arsenic, total	0.5	ug/l	10/27/2011	10	
MW-33	Arsenic, total	0.5	ug/l	4/12/2012	10	
MW-33	Arsenic, total	0.5	ug/l	10/30/2012	10	
MW-33	Arsenic, total	0.8	ug/l	4/25/2013	10	
MW-33	Arsenic, total	0.6	ug/l	12/4/2013	10	
MW-33	Arsenic, total	0.4	ug/l	5/20/2014	10	
MW-33	Arsenic, total	1.1	ug/l	10/23/2014	10	
MW-33	Arsenic, total	1.4	ug/l	10/21/2015	10	
MW-33	Barium, total	100.0	ug/l	10/1/1994	700	
MW-33	Barium, total	332.0	ug/l	11/1/1994	700	
MW-33	Barium, total	184.0	ug/l	1/1/1995	700	
MW-33	Barium, total	120.0	ug/l	3/1/1995	700	
MW-33	Barium, total	135.0	ug/l	10/1/1997	700	

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Table 5

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Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-33	Barium, total	5.0	ug/l	4/1/1998	700	
MW-33	Barium, total	185.0	ug/l	10/1/1998	700	
MW-33	Barium, total	107.0	ug/l	3/1/1999	700	
MW-33	Barium, total	121.0	ug/l	10/1/1999	700	
MW-33	Barium, total	60.0	ug/l	4/1/2000	700	
MW-33	Barium, total	59.0	ug/l	4/23/2008	700	
MW-33	Barium, total	63.7	ug/l	10/16/2008	700	
MW-33	Barium, total	70.0	ug/l	4/22/2009	700	
MW-33	Barium, total	83.0	ug/l	10/22/2009	700	
MW-33	Barium, total	62.3	ug/l	4/21/2010	700	
MW-33	Barium, total	59.1	ug/l	10/20/2010	700	
MW-33	Barium, total	78.3	ug/l	4/21/2011	700	
MW-33	Barium, total	47.6	ug/l	10/27/2011	700	
MW-33	Barium, total	59.1	ug/l	4/12/2012	700	
MW-33	Barium, total	66.7	ug/l	10/30/2012	700	
MW-33	Barium, total	56.7	ug/l	4/25/2013	700	
MW-33	Barium, total	68.2	ug/l	12/4/2013	700	
MW-33	Barium, total	43.3	ug/l	5/20/2014	700	
MW-33	Barium, total	75.1	ug/l	10/23/2014	700	
MW-33	Barium, total	44.0	ug/L	3/24/2015	700	
MW-33	Barium, total	59.8	ug/l	10/21/2015	700	
MW-33	**Beryllium, total ***	**8.0**	**ug/l**	**3/1/1995**	**4**	**4**
MW-33	**Beryllium, total ***	**7.0**	**ug/l**	**9/1/1995**	**4**	**3**
MW-33	Beryllium, total *	3.8	ug/l	10/1/1996	4	
MW-33	Beryllium, total *	2.0	ug/l	12/4/2013	4	
MW-33	Beryllium, total *	2.0	ug/l	5/20/2014	4	
MW-33	Beryllium, total *	3.0	ug/l	10/23/2014	4	
MW-33	Beryllium, total *	1.5	ug/L	3/24/2015	4	
MW-33	Beryllium, total *	2.0	ug/l	10/21/2015	4	
MW-33	**Cadmium, total**	**2.1**	**ug/l**	**10/1/1994**	**2**	**0.1**
MW-33	**Cadmium, total**	**3.0**	**ug/l**	**11/1/1994**	**2**	**1**
MW-33	**Cadmium, total**	**5.0**	**ug/l**	**1/1/1995**	**2**	**3**
MW-33	Cadmium, total	0.7	ug/l	4/23/2008	2	
MW-33	Cadmium, total	0.2	ug/l	10/16/2008	2	
MW-33	Cadmium, total	0.2	ug/l	4/22/2009	2	
MW-33	Cadmium, total	0.1	ug/l	10/22/2009	2	
MW-33	Cadmium, total	0.1	ug/l	4/21/2010	2	
MW-33	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-33	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-33	Cadmium, total	0.1	ug/l	10/27/2011	2	
MW-33	Cadmium, total	0.1	ug/l	4/12/2012	2	
MW-33	Cadmium, total	0.3	ug/l	10/30/2012	2	
MW-33	Cadmium, total	0.1	ug/l	10/23/2014	2	
MW-33	Chromium, total	5.0	ug/l	10/1/1994	10	
MW-33	**Chromium, total**	**12.0**	**ug/l**	**11/1/1994**	**10**	**2**
MW-33	**Chromium, total**	**14.0**	**ug/l**	**1/1/1995**	**10**	**4**
MW-33	Chromium, total	6.0	ug/l	3/1/1995	10	
MW-33	**Chromium, total**	**12.0**	**ug/l**	**10/1/1998**	**10**	**2**
MW-33	Chromium, total	7.0	ug/l	3/1/1999	10	
MW-33	Chromium, total	0.7	ug/l	4/21/2011	10	
MW-33	Chromium, total	1.0	ug/l	10/23/2014	10	
MW-33	Chromium, total	0.7	ug/L	3/24/2015	10	
MW-33	Chromium, total	0.3	ug/l	10/21/2015	10	
MW-33	**Cobalt, total ***	**6.0**	**ug/l**	**11/1/1994**	**1**	**5**
MW-33	**Cobalt, total ***	**6.0**	**ug/l**	**1/1/1995**	**1**	**5**
MW-33	Cobalt, total *	0.8	ug/l	12/4/2013	1	
MW-33	Cobalt, total *	0.7	ug/l	5/20/2014	1	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-33	Cobalt, total *	0.8	ug/l	10/23/2014	1	
MW-33	Cobalt, total *	0.8	ug/L	3/24/2015	1	
MW-33	Cobalt, total *	0.7	ug/l	10/21/2015	1	
MW-33	Copper, total	13.0	ug/l	10/1/1994	1000	
MW-33	Copper, total	20.0	ug/l	11/1/1994	1000	
MW-33	Copper, total	28.0	ug/l	1/1/1995	1000	
MW-33	Copper, total	15.0	ug/l	3/1/1995	1000	
MW-33	Copper, total	0.8	ug/l	12/4/2013	1000	
MW-33	Copper, total	0.5	ug/l	5/20/2014	1000	
MW-33	Copper, total	2.1	ug/l	10/23/2014	1000	
MW-33	Copper, total	0.7	ug/L	3/24/2015	1000	
MW-33	Copper, total	1.3	ug/l	10/21/2015	1000	
MW-33	Lead, total	4.0	ug/l	10/1/1994	15	
MW-33	Lead, total	12.0	ug/l	11/1/1994	15	
MW-33	Lead, total	14.0	ug/l	1/1/1995	15	
MW-33	Lead, total	6.0	ug/l	3/1/1995	15	
MW-33	Lead, total	4.0	ug/l	10/1/1997	15	
MW-33	**Lead, total**	**16.0**	**ug/l**	**10/1/1998**	**15**	**1**
MW-33	Lead, total	10.0	ug/l	3/1/1999	15	
MW-33	Lead, total	11.0	ug/l	10/1/1999	15	
MW-33	Lead, total	0.4	ug/l	4/23/2008	15	
MW-33	Lead, total	0.7	ug/l	10/16/2008	15	
MW-33	Lead, total	0.4	ug/l	4/22/2009	15	
MW-33	Lead, total	1.0	ug/l	10/22/2009	15	
MW-33	Lead, total	0.4	ug/l	4/21/2010	15	
MW-33	Lead, total	0.4	ug/l	10/20/2010	15	
MW-33	Lead, total	1.4	ug/l	4/21/2011	15	
MW-33	Lead, total	0.3	ug/l	10/27/2011	15	
MW-33	Lead, total	0.2	ug/l	4/12/2012	15	
MW-33	Lead, total	0.5	ug/l	10/30/2012	15	
MW-33	Lead, total	0.1	ug/l	4/25/2013	15	
MW-33	Lead, total	0.2	ug/l	12/4/2013	15	
MW-33	Lead, total	0.2	ug/l	5/20/2014	15	
MW-33	Lead, total	2.4	ug/l	10/23/2014	15	
MW-33	Lead, total	0.2	ug/L	3/24/2015	15	
MW-33	Lead, total	0.7	ug/l	10/21/2015	15	
MW-33	Mercury	0.4	ug/l	10/1/1997	1	
MW-33	Mercury	0.5	ug/l	4/1/2001	1	
MW-33	Mercury	0.1	ug/l	10/22/2009	1	
MW-33	Mercury	0.1	ug/l	4/21/2011	1	
MW-33	Nickel, total	1.2	ug/l	12/4/2013	100	
MW-33	Nickel, total	0.9	ug/l	5/20/2014	100	
MW-33	Nickel, total	1.2	ug/l	10/23/2014	100	
MW-33	Nickel, total	1.2	ug/L	3/24/2015	100	
MW-33	Nickel, total	0.9	ug/l	10/21/2015	100	
MW-33	Selenium, total	0.2	ug/l	12/4/2013	20	
MW-33	Selenium, total	0.5	ug/l	10/23/2014	20	
MW-33	Selenium, total	0.2	ug/l	10/21/2015	20	
MW-33	Silver, total	0.1	ug/l	10/22/2009	20	
MW-33	**Vanadium ***	**8.0**	**ug/l**	**10/1/1994**	**0.3**	**7.7**
MW-33	**Vanadium ***	**20.0**	**ug/l**	**11/1/1994**	**0.3**	**19.7**
MW-33	**Vanadium ***	**20.0**	**ug/l**	**1/1/1995**	**0.3**	**19.7**
MW-33	**Vanadium ***	**0.5**	**ug/l**	**12/4/2013**	**0.3**	**0.2**
MW-33	Vanadium *	0.2	ug/l	5/20/2014	0.3	
MW-33	**Vanadium ***	**2.6**	**ug/l**	**10/23/2014**	**0.3**	**2.3**
MW-33	**Vanadium ***	**0.7**	**ug/l**	**10/21/2015**	**0.3**	**0.37**
MW-33	Zinc	11.0	ug/l	10/1/1994	1000	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-33	Zinc	26.0	ug/l	11/1/1994	1000	
MW-33	Zinc	42.0	ug/l	1/1/1995	1000	
MW-33	Zinc	23.0	ug/l	3/1/1995	1000	
MW-33	Zinc	4.0	ug/l	12/4/2013	1000	
MW-33	Zinc	1.8	ug/l	5/20/2014	1000	
MW-33	Zinc	5.0	ug/l	10/23/2014	1000	
MW-33	Zinc	4.7	ug/L	3/24/2015	1000	
MW-33	Zinc	3.0	ug/l	10/21/2015	1000	
MW-34	Antimony, total *	0.3	ug/l	10/21/2015	1	
MW-34	Arsenic, total	0.2	ug/l	10/16/2008	10	
MW-34	Arsenic, total	0.3	ug/l	10/22/2009	10	
MW-34	Arsenic, total	0.4	ug/l	10/20/2010	10	
MW-34	Arsenic, total	0.3	ug/l	4/21/2011	10	
MW-34	Arsenic, total	0.1	ug/l	4/25/2013	10	
MW-34	Arsenic, total	1.3	ug/l	12/4/2013	10	
MW-34	Arsenic, total	1.0	ug/l	5/20/2014	10	
MW-34	Arsenic, total	1.2	ug/l	10/23/2014	10	
MW-34	Arsenic, total	1.0	ug/L	3/24/2015	10	
MW-34	Arsenic, total	1.4	ug/l	10/21/2015	10	
MW-34	Barium, total	11.2	ug/l	10/1/1997	700	
MW-34	Barium, total	5.0	ug/l	4/1/1998	700	
MW-34	Barium, total	20.1	ug/l	10/1/1998	700	
MW-34	Barium, total	24.6	ug/l	3/1/1999	700	
MW-34	Barium, total	22.1	ug/l	10/1/1999	700	
MW-34	Barium, total	62.0	ug/l	4/1/2000	700	
MW-34	Barium, total	42.6	ug/l	4/23/2008	700	
MW-34	Barium, total	39.9	ug/l	10/16/2008	700	
MW-34	Barium, total	48.1	ug/l	4/22/2009	700	
MW-34	Barium, total	65.5	ug/l	10/22/2009	700	
MW-34	Barium, total	55.6	ug/l	4/21/2010	700	
MW-34	Barium, total	51.6	ug/l	10/20/2010	700	
MW-34	Barium, total	69.1	ug/l	4/21/2011	700	
MW-34	Barium, total	38.0	ug/l	10/27/2011	700	
MW-34	Barium, total	40.7	ug/l	4/12/2012	700	
MW-34	Barium, total	41.9	ug/l	10/30/2012	700	
MW-34	Barium, total	41.1	ug/l	4/25/2013	700	
MW-34	Barium, total	358.0	ug/l	12/4/2013	700	
MW-34	Barium, total	230.0	ug/l	5/20/2014	700	
MW-34	Barium, total	371.0	ug/l	10/23/2014	700	
MW-34	Barium, total	250.0	ug/L	3/24/2015	700	
MW-34	Barium, total	400.0	ug/l	10/21/2015	700	
MW-34	Beryllium, total *	2.0	ug/l	12/4/2013	4	
MW-34	Beryllium, total *	2.0	ug/l	5/20/2014	4	
MW-34	Beryllium, total *	3.0	ug/l	10/23/2014	4	
MW-34	Beryllium, total *	1.2	ug/L	3/24/2015	4	
MW-34	Beryllium, total *	2.0	ug/l	10/21/2015	4	
MW-34	Cadmium, total	1.0	ug/l	4/1/2008	2	
MW-34	Cadmium, total	1.0	ug/l	4/23/2008	2	
MW-34	Cadmium, total	1.0	ug/l	10/16/2008	2	
MW-34	Cadmium, total	0.3	ug/l	4/22/2009	2	
MW-34	Cadmium, total	0.6	ug/l	10/22/2009	2	
MW-34	Cadmium, total	0.8	ug/l	4/21/2010	2	
MW-34	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-34	Cadmium, total	0.2	ug/l	4/21/2011	2	
MW-34	Cadmium, total	0.5	ug/l	10/27/2011	2	
MW-34	Cadmium, total	0.3	ug/l	4/12/2012	2	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-34	Cadmium, total	0.1	ug/l	10/30/2012	2	
MW-34	Cadmium, total	0.1	ug/l	4/25/2013	2	
MW-34	Cadmium, total	0.1	ug/l	12/4/2013	2	
MW-34	Cadmium, total	0.1	ug/l	5/20/2014	2	
MW-34	Cadmium, total	0.2	ug/l	10/23/2014	2	
MW-34	**Chromium, total**	**17.0**	**ug/l**	**10/1/1998**	**10**	**7**
MW-34	**Chromium, total**	**31.0**	**ug/l**	**3/1/1999**	**10**	**21**
MW-34	**Chromium, total**	**12.0**	**ug/l**	**10/1/1999**	**10**	**2**
MW-34	Chromium, total	0.6	ug/l	10/22/2009	10	
MW-34	Chromium, total	2.7	ug/l	4/21/2010	10	
MW-34	Chromium, total	2.3	ug/l	4/21/2011	10	
MW-34	Chromium, total	1.9	ug/l	12/4/2013	10	
MW-34	Chromium, total	0.3	ug/l	5/20/2014	10	
MW-34	Chromium, total	3.5	ug/l	10/23/2014	10	
MW-34	Chromium, total	3.1	ug/L	3/24/2015	10	
MW-34	Chromium, total	1.4	ug/l	10/21/2015	10	
MW-34	**Cobalt, total ***	**9.8**	**ug/l**	**12/4/2013**	**1**	**8.8**
MW-34	**Cobalt, total ***	**6.5**	**ug/l**	**5/20/2014**	**1**	**5.5**
MW-34	**Cobalt, total ***	**7.8**	**ug/l**	**10/23/2014**	**1**	**6.8**
MW-34	**Cobalt, total ***	**10.0**	**ug/L**	**3/24/2015**	**1**	**9**
MW-34	**Cobalt, total ***	**12.0**	**ug/l**	**10/21/2015**	**1**	**11**
MW-34	Copper, total	4.4	ug/l	12/4/2013	1000	
MW-34	Copper, total	3.4	ug/l	5/20/2014	1000	
MW-34	Copper, total	7.8	ug/l	10/23/2014	1000	
MW-34	Copper, total	3.1	ug/L	3/24/2015	1000	
MW-34	Copper, total	3.6	ug/l	10/21/2015	1000	
MW-34	Lead, total	3.0	ug/l	10/1/1997	15	
MW-34	Lead, total	2.0	ug/l	4/1/1998	15	
MW-34	**Lead, total**	**20.0**	**ug/l**	**10/1/1998**	**15**	**5**
MW-34	**Lead, total**	**25.0**	**ug/l**	**3/1/1999**	**15**	**10**
MW-34	**Lead, total**	**20.0**	**ug/l**	**10/1/1999**	**15**	**5**
MW-34	Lead, total	0.1	ug/l	4/23/2008	15	
MW-34	Lead, total	0.2	ug/l	10/16/2008	15	
MW-34	Lead, total	0.1	ug/l	4/22/2009	15	
MW-34	Lead, total	1.8	ug/l	10/22/2009	15	
MW-34	**Lead, total**	**60.0**	**ug/l**	**4/21/2010**	**15**	**45**
MW-34	Lead, total	1.9	ug/l	10/20/2010	15	
MW-34	Lead, total	4.0	ug/l	4/21/2011	15	
MW-34	Lead, total	1.0	ug/l	10/27/2011	15	
MW-34	Lead, total	0.8	ug/l	4/12/2012	15	
MW-34	Lead, total	0.8	ug/l	10/30/2012	15	
MW-34	Lead, total	0.1	ug/l	4/25/2013	15	
MW-34	Lead, total	2.9	ug/l	12/4/2013	15	
MW-34	Lead, total	3.2	ug/l	5/20/2014	15	
MW-34	Lead, total	11.0	ug/l	10/23/2014	15	
MW-34	Lead, total	2.2	ug/L	3/24/2015	15	
MW-34	Lead, total	3.7	ug/l	10/21/2015	15	
MW-34	Mercury	0.3	ug/l	10/1/1998	1	
MW-34	Mercury	0.3	ug/l	3/1/1999	1	
MW-34	Mercury	0.1	ug/l	10/22/2009	1	
MW-34	Mercury	0.1	ug/l	4/21/2011	1	
MW-34	Nickel, total	3.0	ug/l	12/4/2013	100	
MW-34	Nickel, total	2.0	ug/l	5/20/2014	100	
MW-34	Nickel, total	2.9	ug/l	10/23/2014	100	
MW-34	Nickel, total	2.9	ug/L	3/24/2015	100	
MW-34	Nickel, total	2.3	ug/l	10/21/2015	100	
MW-34	Selenium, total	0.2	ug/l	4/22/2009	20	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-34	Selenium, total	0.2	ug/l	10/22/2009	20	
MW-34	Selenium, total	1.2	ug/l	10/20/2010	20	
MW-34	Selenium, total	0.2	ug/l	4/21/2011	20	
MW-34	Selenium, total	1.5	ug/l	12/4/2013	20	
MW-34	Selenium, total	0.5	ug/l	5/20/2014	20	
MW-34	Selenium, total	1.9	ug/l	10/23/2014	20	
MW-34	Selenium, total	1.4	ug/l	10/21/2015	20	
MW-34	Silver, total	0.1	ug/l	4/23/2008	20	
MW-34	Silver, total	0.1	ug/l	10/22/2009	20	
MW-34	Thallium, total *	0.1	ug/l	12/4/2013	0.28	
MW-34	Thallium, total *	0.1	ug/l	10/21/2015	0.28	
MW-34	**Vanadium ***	**8.4**	**ug/l**	**12/4/2013**	**0.3**	**8.1**
MW-34	**Vanadium ***	**3.4**	**ug/l**	**5/20/2014**	**0.3**	**3.1**
MW-34	**Vanadium ***	**13.7**	**ug/l**	**10/23/2014**	**0.3**	**13.4**
MW-34	**Vanadium ***	**7.6**	**ug/L**	**3/24/2015**	**0.3**	**7.3**
MW-34	**Vanadium ***	**5.5**	**ug/l**	**10/21/2015**	**0.3**	**5.2**
MW-34	Zinc	9.5	ug/l	12/4/2013	1000	
MW-34	Zinc	6.4	ug/l	5/20/2014	1000	
MW-34	Zinc	14.0	ug/l	10/23/2014	1000	
MW-34	Zinc	11.0	ug/L	3/24/2015	1000	
MW-34	Zinc	7.3	ug/l	10/21/2015	1000	
MW-35	Antimony, total *	0.2	ug/l	10/21/2015	1	
MW-35	Arsenic, total	0.8	ug/l	4/23/2008	10	
MW-35	Arsenic, total	0.8	ug/l	10/16/2008	10	
MW-35	Arsenic, total	0.8	ug/l	4/22/2009	10	
MW-35	Arsenic, total	1.5	ug/l	10/22/2009	10	
MW-35	Arsenic, total	1.0	ug/l	4/21/2010	10	
MW-35	Arsenic, total	0.9	ug/l	10/20/2010	10	
MW-35	Arsenic, total	9.0	ug/l	4/21/2011	10	
MW-35	Arsenic, total	0.9	ug/l	10/27/2011	10	
MW-35	Arsenic, total	1.0	ug/l	4/12/2012	10	
MW-35	Arsenic, total	1.1	ug/l	10/30/2012	10	
MW-35	Arsenic, total	1.6	ug/l	4/25/2013	10	
MW-35	Arsenic, total	0.2	ug/l	12/4/2013	10	
MW-35	Arsenic, total	0.3	ug/l	10/21/2015	10	
MW-35	Barium, total	21.0	ug/l	4/1/1997	700	
MW-35	Barium, total	87.7	ug/l	10/1/1997	700	
MW-35	Barium, total	50.0	ug/l	4/1/1998	700	
MW-35	Barium, total	48.9	ug/l	10/1/1998	700	
MW-35	Barium, total	48.8	ug/l	3/1/1999	700	
MW-35	Barium, total	51.2	ug/l	10/1/1999	700	
MW-35	Barium, total	13.2	ug/l	4/1/2000	700	
MW-35	Barium, total	13.2	ug/l	5/1/2007	700	
MW-35	Barium, total	31.8	ug/l	10/1/2007	700	
MW-35	Barium, total	22.5	ug/l	4/1/2008	700	
MW-35	Barium, total	22.5	ug/l	4/23/2008	700	
MW-35	Barium, total	25.0	ug/l	10/16/2008	700	
MW-35	Barium, total	17.9	ug/l	4/22/2009	700	
MW-35	Barium, total	29.0	ug/l	10/22/2009	700	
MW-35	Barium, total	17.9	ug/l	4/21/2010	700	
MW-35	Barium, total	40.5	ug/l	10/20/2010	700	
MW-35	Barium, total	42.3	ug/l	4/21/2011	700	
MW-35	Barium, total	53.5	ug/l	10/27/2011	700	
MW-35	Barium, total	33.5	ug/l	4/12/2012	700	
MW-35	Barium, total	54.3	ug/l	10/30/2012	700	
MW-35	Barium, total	38.8	ug/l	4/25/2013	700	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-35	Barium, total	50.6	ug/l	12/4/2013	700	
MW-35	Barium, total	50.6	ug/l	5/20/2014	700	
MW-35	Barium, total	68.7	ug/l	10/23/2014	700	
MW-35	Barium, total	48.0	ug/L	3/24/2015	700	
MW-35	Barium, total	54.3	ug/l	10/21/2015	700	
MW-35	Beryllium, total *	2.0	ug/l	12/4/2013	4	
MW-35	Beryllium, total *	2.0	ug/l	5/20/2014	4	
MW-35	Beryllium, total *	3.0	ug/l	10/23/2014	4	
MW-35	Beryllium, total *	1.5	ug/L	3/24/2015	4	
MW-35	Beryllium, total *	2.0	ug/l	10/21/2015	4	
MW-35	**Cadmium, total**	**11.9**	**ug/l**	**4/1/1997**	**2**	**9.9**
MW-35	**Cadmium, total**	**2.1**	**ug/l**	**10/1/1997**	**2**	**0.08**
MW-35	Cadmium, total	1.0	ug/l	3/1/1999	2	
MW-35	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-35	Cadmium, total	0.1	ug/l	10/16/2008	2	
MW-35	Cadmium, total	0.2	ug/l	4/22/2009	2	
MW-35	Cadmium, total	0.2	ug/l	10/22/2009	2	
MW-35	Cadmium, total	0.2	ug/l	4/21/2010	2	
MW-35	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-35	Cadmium, total	0.7	ug/l	4/21/2011	2	
MW-35	Cadmium, total	0.1	ug/l	10/27/2011	2	
MW-35	Cadmium, total	0.2	ug/l	4/12/2012	2	
MW-35	Cadmium, total	0.8	ug/l	10/30/2012	2	
MW-35	Cadmium, total	0.2	ug/l	4/25/2013	2	
MW-35	Cadmium, total	0.1	ug/l	12/4/2013	2	
MW-35	Cadmium, total	0.2	ug/l	10/23/2014	2	
MW-35	Chromium, total	4.1	ug/l	4/1/1997	10	
MW-35	Chromium, total	7.7	ug/l	10/1/1998	10	
MW-35	**Chromium, total**	**14.8**	**ug/l**	**3/1/1999**	**10**	**4.8**
MW-35	Chromium, total	3.5	ug/l	10/1/1999	10	
MW-35	Chromium, total	6.0	ug/l	4/1/2000	10	
MW-35	Chromium, total	0.2	ug/l	4/23/2008	10	
MW-35	Chromium, total	1.2	ug/l	4/22/2009	10	
MW-35	Chromium, total	1.6	ug/l	4/21/2010	10	
MW-35	Chromium, total	0.5	ug/l	10/20/2010	10	
MW-35	Chromium, total	7.0	ug/l	4/21/2011	10	
MW-35	Chromium, total	0.2	ug/l	10/27/2011	10	
MW-35	Chromium, total	1.0	ug/l	4/12/2012	10	
MW-35	Chromium, total	0.3	ug/l	10/30/2012	10	
MW-35	Chromium, total	0.2	ug/l	4/25/2013	10	
MW-35	Chromium, total	1.1	ug/l	10/23/2014	10	
MW-35	Chromium, total	0.9	ug/L	3/24/2015	10	
MW-35	Chromium, total	0.1	ug/l	10/21/2015	10	
MW-35	Cobalt, total *	0.4	ug/l	12/4/2013	1	
MW-35	Cobalt, total *	0.4	ug/l	5/20/2014	1	
MW-35	Cobalt, total *	0.7	ug/l	10/23/2014	1	
MW-35	Cobalt, total *	0.7	ug/L	3/24/2015	1	
MW-35	Cobalt, total *	0.5	ug/l	10/21/2015	1	
MW-35	Copper, total	0.7	ug/l	12/4/2013	1000	
MW-35	Copper, total	0.6	ug/l	5/20/2014	1000	
MW-35	Copper, total	2.5	ug/l	10/23/2014	1000	
MW-35	Copper, total	1.7	ug/L	3/24/2015	1000	
MW-35	Copper, total	1.8	ug/l	10/21/2015	1000	
MW-35	Lead, total	3.6	ug/l	4/1/1997	15	
MW-35	Lead, total	10.5	ug/l	10/1/1997	15	
MW-35	Lead, total	2.0	ug/l	4/1/1998	15	
MW-35	Lead, total	5.5	ug/l	10/1/1998	15	

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Table 5

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Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-35	Lead, total	1.1	ug/l	3/1/1999	15	
MW-35	Lead, total	4.3	ug/l	10/1/1999	15	
MW-35	Lead, total	3.0	ug/l	4/1/2000	15	
MW-35	Lead, total	0.7	ug/l	4/23/2008	15	
MW-35	Lead, total	0.5	ug/l	10/16/2008	15	
MW-35	Lead, total	1.3	ug/l	4/22/2009	15	
MW-35	Lead, total	1.0	ug/l	10/22/2009	15	
MW-35	Lead, total	1.8	ug/l	4/21/2010	15	
MW-35	Lead, total	0.9	ug/l	10/20/2010	15	
MW-35	Lead, total	9.8	ug/l	4/21/2011	15	
MW-35	Lead, total	0.9	ug/l	10/27/2011	15	
MW-35	Lead, total	1.2	ug/l	4/12/2012	15	
MW-35	Lead, total	0.7	ug/l	10/30/2012	15	
MW-35	Lead, total	0.8	ug/l	4/25/2013	15	
MW-35	Lead, total	1.2	ug/l	12/4/2013	15	
MW-35	Lead, total	0.7	ug/l	5/20/2014	15	
MW-35	Lead, total	4.4	ug/l	10/23/2014	15	
MW-35	Lead, total	1.4	ug/L	3/24/2015	15	
MW-35	Lead, total	1.4	ug/l	10/21/2015	15	
MW-35	**Mercury**	**2.0**	**ug/l**	**4/1/1997**	**1**	**0.95**
MW-35	Mercury	0.2	ug/l	10/1/1998	1	
MW-35	Mercury	0.4	ug/l	3/1/1999	1	
MW-35	Mercury	0.1	ug/l	10/22/2009	1	
MW-35	Mercury	0.2	ug/l	4/21/2011	1	
MW-35	Mercury	0.1	ug/l	4/25/2013	1	
MW-35	Nickel, total	0.7	ug/l	12/4/2013	100	
MW-35	Nickel, total	0.8	ug/l	5/20/2014	100	
MW-35	Nickel, total	4.4	ug/l	10/23/2014	100	
MW-35	Nickel, total	3.1	ug/L	3/24/2015	100	
MW-35	Nickel, total	1.0	ug/l	10/21/2015	100	
MW-35	Selenium, total	4.0	ug/l	10/1/1997	20	
MW-35	Selenium, total	1.0	ug/l	4/23/2008	20	
MW-35	Selenium, total	1.3	ug/l	10/16/2008	20	
MW-35	Selenium, total	0.8	ug/l	4/22/2009	20	
MW-35	Selenium, total	1.3	ug/l	10/22/2009	20	
MW-35	Selenium, total	0.5	ug/l	4/21/2010	20	
MW-35	Selenium, total	1.6	ug/l	10/20/2010	20	
MW-35	Selenium, total	2.7	ug/l	4/21/2011	20	
MW-35	Selenium, total	0.7	ug/l	10/27/2011	20	
MW-35	Selenium, total	0.4	ug/l	4/12/2012	20	
MW-35	Selenium, total	0.9	ug/l	10/30/2012	20	
MW-35	Selenium, total	1.2	ug/l	4/25/2013	20	
MW-35	Selenium, total	0.1	ug/l	12/4/2013	20	
MW-35	Selenium, total	0.5	ug/l	10/23/2014	20	
MW-35	Selenium, total	0.2	ug/l	10/21/2015	20	
MW-35	Silver, total	0.1	ug/l	10/22/2009	20	
MW-35	Silver, total	0.1	ug/l	10/20/2010	20	
MW-35	Silver, total	0.1	ug/l	4/21/2011	20	
MW-35	**Vanadium ***	**1.3**	**ug/l**	**12/4/2013**	**0.3**	**1**
MW-35	**Vanadium ***	**0.7**	**ug/l**	**5/20/2014**	**0.3**	**0.39**
MW-35	**Vanadium ***	**4.4**	**ug/l**	**10/23/2014**	**0.3**	**4.1**
MW-35	**Vanadium ***	**1.5**	**ug/L**	**3/24/2015**	**0.3**	**1.2**
MW-35	**Vanadium ***	**1.1**	**ug/l**	**10/21/2015**	**0.3**	**0.8**
MW-35	Zinc	4.1	ug/l	12/4/2013	1000	
MW-35	Zinc	1.7	ug/l	5/20/2014	1000	
MW-35	Zinc	13.0	ug/l	10/23/2014	1000	
MW-35	Zinc	21.0	ug/L	3/24/2015	1000	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-35	Zinc	5.2	ug/l	10/21/2015	1000	
MW-3R	Antimony, total *	0.1	ug/l	10/16/2008	1	
MW-3R	Antimony, total *	0.1	ug/l	4/22/2009	1	
MW-3R	Antimony, total *	0.2	ug/l	10/22/2009	1	
MW-3R	Antimony, total *	1.0	ug/l	4/21/2010	1	
MW-3R	Arsenic, total	1.0	ug/l	10/16/2008	10	
MW-3R	Arsenic, total	0.3	ug/l	4/22/2009	10	
MW-3R	Arsenic, total	0.7	ug/l	10/22/2009	10	
MW-3R	Arsenic, total	0.1	ug/l	4/25/2013	10	
MW-3R	Barium, total	82.7	ug/l	4/23/2008	700	
MW-3R	Barium, total	124.0	ug/l	10/16/2008	700	
MW-3R	Barium, total	107.0	ug/l	4/22/2009	700	
MW-3R	Barium, total	86.7	ug/l	10/22/2009	700	
MW-3R	Barium, total	87.5	ug/l	4/21/2010	700	
MW-3R	Barium, total	80.2	ug/l	10/20/2010	700	
MW-3R	Barium, total	91.6	ug/l	4/21/2011	700	
MW-3R	Barium, total	73.7	ug/l	10/27/2011	700	
MW-3R	Barium, total	73.7	ug/l	4/12/2012	700	
MW-3R	Barium, total	62.2	ug/l	10/30/2012	700	
MW-3R	Barium, total	80.0	ug/l	4/25/2013	700	
MW-3R	Beryllium, total *	1.0	ug/l	4/23/2008	4	
MW-3R	Beryllium, total *	2.0	ug/l	10/16/2008	4	
MW-3R	Beryllium, total *	2.7	ug/l	4/22/2009	4	
MW-3R	Beryllium, total *	3.2	ug/l	10/22/2009	4	
MW-3R	Beryllium, total *	2.8	ug/l	4/21/2010	4	
MW-3R	Beryllium, total *	3.0	ug/l	10/20/2010	4	
MW-3R	Beryllium, total *	3.0	ug/l	4/21/2011	4	
MW-3R	Beryllium, total *	3.0	ug/l	10/27/2011	4	
MW-3R	Beryllium, total *	3.0	ug/l	4/12/2012	4	
MW-3R	Beryllium, total *	3.0	ug/l	10/30/2012	4	
MW-3R	Beryllium, total *	3.0	ug/l	4/25/2013	4	
MW-3R	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-3R	Cadmium, total	0.1	ug/l	10/16/2008	2	
MW-3R	Cadmium, total	0.1	ug/l	4/22/2009	2	
MW-3R	Cadmium, total	0.1	ug/l	10/22/2009	2	
MW-3R	Cadmium, total	0.1	ug/l	4/21/2010	2	
MW-3R	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-3R	Cadmium, total	0.1	ug/l	10/27/2011	2	
MW-3R	Cadmium, total	0.1	ug/l	10/30/2012	2	
MW-3R	Chromium, total	1.6	ug/l	10/16/2008	10	
MW-3R	Chromium, total	0.5	ug/l	4/22/2009	10	
MW-3R	Chromium, total	0.4	ug/l	4/21/2011	10	
MW-3R	**Cobalt, total ***	**2.2**	**ug/l**	**4/23/2008**	**1**	**1.2**
MW-3R	**Cobalt, total ***	**5.5**	**ug/l**	**10/16/2008**	**1**	**4.5**
MW-3R	**Cobalt, total ***	**3.0**	**ug/l**	**4/22/2009**	**1**	**2**
MW-3R	**Cobalt, total ***	**3.5**	**ug/l**	**10/22/2009**	**1**	**2.5**
MW-3R	**Cobalt, total ***	**2.5**	**ug/l**	**4/21/2010**	**1**	**1.5**
MW-3R	**Cobalt, total ***	**2.6**	**ug/l**	**10/20/2010**	**1**	**1.6**
MW-3R	**Cobalt, total ***	**2.1**	**ug/l**	**4/21/2011**	**1**	**1.1**
MW-3R	**Cobalt, total ***	**3.0**	**ug/l**	**10/27/2011**	**1**	**2**
MW-3R	**Cobalt, total ***	**2.2**	**ug/l**	**4/12/2012**	**1**	**1.2**
MW-3R	**Cobalt, total ***	**2.1**	**ug/l**	**10/30/2012**	**1**	**1.1**
MW-3R	**Cobalt, total ***	**1.5**	**ug/l**	**4/25/2013**	**1**	**0.5**
MW-3R	Copper, total	1.0	ug/l	4/23/2008	1000	
MW-3R	Copper, total	2.1	ug/l	10/16/2008	1000	
MW-3R	Copper, total	1.2	ug/l	4/22/2009	1000	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-3R	Copper, total	1.1	ug/l	10/22/2009	1000	
MW-3R	Copper, total	0.7	ug/l	4/21/2010	1000	
MW-3R	Copper, total	0.3	ug/l	10/20/2010	1000	
MW-3R	Copper, total	1.1	ug/l	4/21/2011	1000	
MW-3R	Copper, total	0.6	ug/l	10/27/2011	1000	
MW-3R	Copper, total	0.4	ug/l	4/12/2012	1000	
MW-3R	Copper, total	0.6	ug/l	10/30/2012	1000	
MW-3R	Copper, total	0.9	ug/l	4/25/2013	1000	
MW-3R	Lead, total	0.4	ug/l	4/23/2008	15	
MW-3R	Lead, total	1.9	ug/l	10/16/2008	15	
MW-3R	Lead, total	0.8	ug/l	4/22/2009	15	
MW-3R	Lead, total	0.3	ug/l	10/22/2009	15	
MW-3R	Lead, total	0.2	ug/l	4/21/2010	15	
MW-3R	Lead, total	0.1	ug/l	10/20/2010	15	
MW-3R	Lead, total	0.8	ug/l	4/21/2011	15	
MW-3R	Lead, total	0.1	ug/l	10/27/2011	15	
MW-3R	Lead, total	0.1	ug/l	4/12/2012	15	
MW-3R	Lead, total	0.1	ug/l	10/30/2012	15	
MW-3R	Lead, total	0.1	ug/l	4/25/2013	15	
MW-3R	Nickel, total	2.3	ug/l	4/23/2008	100	
MW-3R	Nickel, total	4.6	ug/l	10/16/2008	100	
MW-3R	Nickel, total	3.2	ug/l	4/22/2009	100	
MW-3R	Nickel, total	3.7	ug/l	10/22/2009	100	
MW-3R	Nickel, total	2.4	ug/l	4/21/2010	100	
MW-3R	Nickel, total	2.4	ug/l	10/20/2010	100	
MW-3R	Nickel, total	2.5	ug/l	4/21/2011	100	
MW-3R	Nickel, total	3.3	ug/l	10/27/2011	100	
MW-3R	Nickel, total	2.3	ug/l	4/12/2012	100	
MW-3R	Nickel, total	2.8	ug/l	10/30/2012	100	
MW-3R	Nickel, total	1.5	ug/l	4/25/2013	100	
MW-3R	Selenium, total	0.2	ug/l	10/16/2008	20	
MW-3R	Silver, total	0.1	ug/l	4/21/2010	20	
MW-3R	Thallium, total *	0.2	ug/l	10/30/2012	0.28	
MW-3R	**Vanadium ***	**0.7**	**ug/l**	**4/23/2008**	**0.3**	**0.4**
MW-3R	**Vanadium ***	**3.6**	**ug/l**	**10/16/2008**	**0.3**	**3.3**
MW-3R	**Vanadium ***	**2.2**	**ug/l**	**4/22/2009**	**0.3**	**1.9**
MW-3R	**Vanadium ***	**1.7**	**ug/l**	**10/22/2009**	**0.3**	**1.4**
MW-3R	**Vanadium ***	**0.5**	**ug/l**	**4/21/2010**	**0.3**	**0.2**
MW-3R	**Vanadium ***	**1.1**	**ug/l**	**10/20/2010**	**0.3**	**0.8**
MW-3R	**Vanadium ***	**1.9**	**ug/l**	**4/21/2011**	**0.3**	**1.6**
MW-3R	**Vanadium ***	**0.3**	**ug/l**	**10/27/2011**	**0.3**	**0.03**
MW-3R	**Vanadium ***	**0.4**	**ug/l**	**4/12/2012**	**0.3**	**0.05**
MW-3R	**Vanadium ***	**0.4**	**ug/l**	**10/30/2012**	**0.3**	**0.1**
MW-3R	**Vanadium ***	**0.9**	**ug/l**	**4/25/2013**	**0.3**	**0.64**
MW-3R	Zinc	14.0	ug/l	4/23/2008	1000	
MW-3R	Zinc	22.0	ug/l	10/16/2008	1000	
MW-3R	Zinc	16.0	ug/l	4/22/2009	1000	
MW-3R	Zinc	14.0	ug/l	10/22/2009	1000	
MW-3R	Zinc	12.0	ug/l	4/21/2010	1000	
MW-3R	Zinc	11.0	ug/l	10/20/2010	1000	
MW-3R	Zinc	12.0	ug/l	4/21/2011	1000	
MW-3R	Zinc	11.0	ug/l	10/27/2011	1000	
MW-3R	Zinc	8.7	ug/l	4/12/2012	1000	
MW-3R	Zinc	11.0	ug/l	10/30/2012	1000	
MW-3R	Zinc	8.2	ug/l	4/25/2013	1000	
MW-4	Antimony, total *	0.4	ug/l	4/22/2009	1	

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Table 5

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Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-4	Antimony, total *	0.2	ug/l	10/22/2009	1	
MW-4	Antimony, total *	0.3	ug/l	4/21/2010	1	
MW-4	Antimony, total *	0.1	ug/l	10/30/2012	1	
MW-4	Antimony, total *	0.3	ug/l	4/25/2013	1	
MW-4	Antimony, total *	0.2	ug/l	12/4/2013	1	
MW-4	Antimony, total *	0.1	ug/l	5/19/2014	1	
MW-4	Antimony, total *	0.2	ug/L	3/23/2015	1	
MW-4	Antimony, total *	0.1	ug/l	10/20/2015	1	
MW-4	Arsenic, total	0.3	ug/l	4/23/2008	10	
MW-4	Arsenic, total	1.4	ug/l	10/16/2008	10	
MW-4	Arsenic, total	0.4	ug/l	4/22/2009	10	
MW-4	Arsenic, total	0.5	ug/l	10/22/2009	10	
MW-4	Arsenic, total	0.3	ug/l	4/21/2010	10	
MW-4	Arsenic, total	3.1	ug/l	4/21/2011	10	
MW-4	Arsenic, total	0.3	ug/l	10/27/2011	10	
MW-4	Arsenic, total	0.2	ug/l	4/12/2012	10	
MW-4	Arsenic, total	0.3	ug/l	10/30/2012	10	
MW-4	Arsenic, total	0.3	ug/l	4/25/2013	10	
MW-4	Arsenic, total	0.3	ug/l	12/4/2013	10	
MW-4	Arsenic, total	0.1	ug/l	5/19/2014	10	
MW-4	Arsenic, total	0.2	ug/l	10/22/2014	10	
MW-4	Arsenic, total	0.5	ug/l	10/20/2015	10	
MW-4	Barium, total	106.0	ug/l	10/1/1994	700	
MW-4	Barium, total	47.0	ug/l	11/1/1994	700	
MW-4	Barium, total	70.0	ug/l	1/1/1995	700	
MW-4	Barium, total	41.0	ug/l	3/1/1995	700	
MW-4	Barium, total	127.0	ug/l	10/1/1997	700	
MW-4	Barium, total	100.0	ug/l	3/1/1999	700	
MW-4	Barium, total	56.9	ug/l	4/23/2008	700	
MW-4	Barium, total	84.1	ug/l	10/16/2008	700	
MW-4	Barium, total	76.8	ug/l	4/22/2009	700	
MW-4	Barium, total	55.4	ug/l	10/22/2009	700	
MW-4	Barium, total	65.5	ug/l	4/21/2010	700	
MW-4	Barium, total	153.0	ug/l	4/21/2011	700	
MW-4	Barium, total	56.9	ug/l	10/27/2011	700	
MW-4	Barium, total	60.5	ug/l	4/12/2012	700	
MW-4	Barium, total	60.5	ug/l	10/30/2012	700	
MW-4	Barium, total	54.1	ug/l	4/25/2013	700	
MW-4	Barium, total	70.9	ug/l	12/4/2013	700	
MW-4	Barium, total	81.0	ug/l	5/19/2014	700	
MW-4	Barium, total	67.4	ug/l	10/22/2014	700	
MW-4	Barium, total	75.0	ug/L	3/23/2015	700	
MW-4	Barium, total	72.9	ug/l	10/20/2015	700	
MW-4	Beryllium, total *	3.0	ug/l	1/1/1995	4	
MW-4	Beryllium, total *	3.0	ug/l	3/1/1995	4	
MW-4	**Beryllium, total ***	**6.0**	**ug/l**	**9/1/1995**	**4**	**2**
MW-4	**Beryllium, total ***	**6.2**	**ug/l**	**4/1/1996**	**4**	**2.17**
MW-4	**Beryllium, total ***	**14.4**	**ug/l**	**10/1/1996**	**4**	**10.4**
MW-4	**Beryllium, total ***	**5.6**	**ug/l**	**4/1/1997**	**4**	**1.59**
MW-4	**Beryllium, total ***	**9.0**	**ug/l**	**10/1/1997**	**4**	**5**
MW-4	Beryllium, total *	3.0	ug/l	4/1/1998	4	
MW-4	Beryllium, total *	4.0	ug/l	10/1/1998	4	
MW-4	**Beryllium, total ***	**10.0**	**ug/l**	**3/1/1999**	**4**	**6**
MW-4	**Beryllium, total ***	**12.0**	**ug/l**	**10/1/1999**	**4**	**8**
MW-4	Beryllium, total *	4.0	ug/l	4/1/2000	4	
MW-4	Beryllium, total *	3.0	ug/l	10/1/2000	4	
MW-4	Beryllium, total *	2.0	ug/l	4/1/2001	4	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-4	Beryllium, total *	3.0	ug/l	10/1/2001	4	
MW-4	Beryllium, total *	3.0	ug/l	4/1/2002	4	
MW-4	Beryllium, total *	3.0	ug/l	10/1/2002	4	
MW-4	Beryllium, total *	3.0	ug/l	4/1/2003	4	
MW-4	Beryllium, total *	2.0	ug/l	4/1/2004	4	
MW-4	Beryllium, total *	4.0	ug/l	10/1/2004	4	
MW-4	Beryllium, total *	2.0	ug/l	10/1/2005	4	
MW-4	Beryllium, total *	2.0	ug/l	4/1/2006	4	
MW-4	Beryllium, total *	2.0	ug/l	10/1/2006	4	
MW-4	Beryllium, total *	2.0	ug/l	5/1/2007	4	
MW-4	Beryllium, total *	2.6	ug/l	10/1/2007	4	
MW-4	Beryllium, total *	3.0	ug/l	4/23/2008	4	
MW-4	**Beryllium, total ***	**6.0**	**ug/l**	**10/16/2008**	**4**	**2**
MW-4	Beryllium, total *	2.9	ug/l	4/22/2009	4	
MW-4	Beryllium, total *	3.0	ug/l	10/22/2009	4	
MW-4	Beryllium, total *	2.8	ug/l	4/21/2010	4	
MW-4	**Beryllium, total ***	**7.0**	**ug/l**	**4/21/2011**	**4**	**3**
MW-4	Beryllium, total *	3.0	ug/l	10/27/2011	4	
MW-4	Beryllium, total *	2.0	ug/l	4/12/2012	4	
MW-4	Beryllium, total *	3.0	ug/l	10/30/2012	4	
MW-4	Beryllium, total *	3.0	ug/l	4/25/2013	4	
MW-4	Beryllium, total *	3.0	ug/l	12/4/2013	4	
MW-4	Beryllium, total *	3.0	ug/l	5/19/2014	4	
MW-4	Beryllium, total *	3.0	ug/l	10/22/2014	4	
MW-4	Beryllium, total *	2.6	ug/L	3/23/2015	4	
MW-4	Beryllium, total *	4.0	ug/l	10/20/2015	4	
MW-4	Cadmium, total	1.0	ug/l	11/1/1994	2	
MW-4	**Cadmium, total**	**4.0**	**ug/l**	**3/1/1995**	**2**	**2**
MW-4	Cadmium, total	0.3	ug/l	4/23/2008	2	
MW-4	Cadmium, total	0.1	ug/l	10/16/2008	2	
MW-4	Cadmium, total	0.3	ug/l	4/22/2009	2	
MW-4	Cadmium, total	0.2	ug/l	10/22/2009	2	
MW-4	Cadmium, total	0.1	ug/l	4/21/2010	2	
MW-4	Cadmium, total	0.6	ug/l	4/21/2011	2	
MW-4	Cadmium, total	0.1	ug/l	10/27/2011	2	
MW-4	Cadmium, total	0.1	ug/l	4/12/2012	2	
MW-4	Cadmium, total	0.2	ug/l	10/30/2012	2	
MW-4	Cadmium, total	0.1	ug/l	12/4/2013	2	
MW-4	Cadmium, total	0.1	ug/l	10/20/2015	2	
MW-4	Chromium, total	3.0	ug/l	10/1/1994	10	
MW-4	**Chromium, total**	**24.0**	**ug/l**	**11/1/1994**	**10**	**14**
MW-4	**Chromium, total**	**11.1**	**ug/l**	**10/1/1996**	**10**	**1.1**
MW-4	Chromium, total	10.0	ug/l	10/1/1997	10	
MW-4	Chromium, total	10.0	ug/l	3/1/1999	10	
MW-4	**Chromium, total**	**30.0**	**ug/l**	**10/1/1999**	**10**	**20**
MW-4	Chromium, total	1.9	ug/l	10/16/2008	10	
MW-4	Chromium, total	6.7	ug/l	4/21/2011	10	
MW-4	Chromium, total	0.8	ug/L	3/23/2015	10	
MW-4	**Cobalt, total ***	**11.0**	**ug/l**	**11/1/1994**	**1**	**10**
MW-4	**Cobalt, total ***	**10.0**	**ug/l**	**10/1/1999**	**1**	**9**
MW-4	**Cobalt, total ***	**1.9**	**ug/l**	**4/23/2008**	**1**	**0.9**
MW-4	**Cobalt, total ***	**1.3**	**ug/l**	**10/16/2008**	**1**	**0.3**
MW-4	**Cobalt, total ***	**2.3**	**ug/l**	**4/22/2009**	**1**	**1.3**
MW-4	**Cobalt, total ***	**1.8**	**ug/l**	**10/22/2009**	**1**	**0.8**
MW-4	**Cobalt, total ***	**2.1**	**ug/l**	**4/21/2010**	**1**	**1.1**
MW-4	**Cobalt, total ***	**3.3**	**ug/l**	**4/21/2011**	**1**	**2.3**
MW-4	**Cobalt, total ***	**2.0**	**ug/l**	**10/27/2011**	**1**	**1**

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Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-4	**Cobalt, total ***	**1.8**	**ug/l**	**4/12/2012**	**1**	**0.8**
MW-4	**Cobalt, total ***	**2.0**	**ug/l**	**10/30/2012**	**1**	**1**
MW-4	**Cobalt, total ***	**2.0**	**ug/l**	**4/25/2013**	**1**	**1**
MW-4	**Cobalt, total ***	**1.8**	**ug/l**	**12/4/2013**	**1**	**0.8**
MW-4	**Cobalt, total ***	**2.2**	**ug/l**	**5/19/2014**	**1**	**1.2**
MW-4	**Cobalt, total ***	**2.1**	**ug/l**	**10/22/2014**	**1**	**1.1**
MW-4	**Cobalt, total ***	**3.0**	**ug/L**	**3/23/2015**	**1**	**2**
MW-4	**Cobalt, total ***	**2.0**	**ug/l**	**10/20/2015**	**1**	**1**
MW-4	Copper, total	10.0	ug/l	10/1/1994	1000	
MW-4	Copper, total	33.0	ug/l	11/1/1994	1000	
MW-4	Copper, total	5.0	ug/l	1/1/1995	1000	
MW-4	Copper, total	6.0	ug/l	3/1/1995	1000	
MW-4	Copper, total	10.0	ug/l	10/1/1997	1000	
MW-4	Copper, total	1.1	ug/l	4/23/2008	1000	
MW-4	Copper, total	1.9	ug/l	10/16/2008	1000	
MW-4	Copper, total	1.5	ug/l	4/22/2009	1000	
MW-4	Copper, total	2.7	ug/l	10/22/2009	1000	
MW-4	Copper, total	1.7	ug/l	4/21/2010	1000	
MW-4	Copper, total	6.9	ug/l	4/21/2011	1000	
MW-4	Copper, total	2.3	ug/l	10/27/2011	1000	
MW-4	Copper, total	1.7	ug/l	4/12/2012	1000	
MW-4	Copper, total	1.2	ug/l	10/30/2012	1000	
MW-4	Copper, total	1.1	ug/l	4/25/2013	1000	
MW-4	Copper, total	1.4	ug/l	12/4/2013	1000	
MW-4	Copper, total	1.2	ug/l	5/19/2014	1000	
MW-4	Copper, total	1.2	ug/l	10/22/2014	1000	
MW-4	Copper, total	2.0	ug/L	3/23/2015	1000	
MW-4	Copper, total	1.4	ug/l	10/20/2015	1000	
MW-4	Lead, total	4.0	ug/l	10/1/1994	15	
MW-4	**Lead, total**	**18.0**	**ug/l**	**11/1/1994**	**15**	**3**
MW-4	Lead, total	2.0	ug/l	1/1/1995	15	
MW-4	Lead, total	2.0	ug/l	3/1/1995	15	
MW-4	**Lead, total**	**17.7**	**ug/l**	**10/1/1996**	**15**	**2.7**
MW-4	Lead, total	11.5	ug/l	4/1/1997	15	
MW-4	Lead, total	13.0	ug/l	10/1/1997	15	
MW-4	Lead, total	10.0	ug/l	3/1/1999	15	
MW-4	**Lead, total**	**20.0**	**ug/l**	**10/1/1999**	**15**	**5**
MW-4	Lead, total	0.5	ug/l	4/23/2008	15	
MW-4	Lead, total	3.3	ug/l	10/16/2008	15	
MW-4	Lead, total	0.4	ug/l	4/22/2009	15	
MW-4	Lead, total	0.3	ug/l	10/22/2009	15	
MW-4	Lead, total	0.2	ug/l	4/21/2010	15	
MW-4	Lead, total	14.0	ug/l	4/21/2011	15	
MW-4	Lead, total	0.5	ug/l	10/27/2011	15	
MW-4	Lead, total	0.4	ug/l	4/12/2012	15	
MW-4	Lead, total	0.4	ug/l	10/30/2012	15	
MW-4	Lead, total	0.3	ug/l	4/25/2013	15	
MW-4	Lead, total	0.4	ug/l	12/4/2013	15	
MW-4	Lead, total	0.4	ug/l	5/19/2014	15	
MW-4	Lead, total	0.5	ug/l	10/22/2014	15	
MW-4	Lead, total	2.3	ug/L	3/23/2015	15	
MW-4	Lead, total	0.6	ug/l	10/20/2015	15	
MW-4	Nickel, total	10.0	ug/l	10/1/1997	100	
MW-4	Nickel, total	1.7	ug/l	4/23/2008	100	
MW-4	Nickel, total	1.3	ug/l	10/16/2008	100	
MW-4	Nickel, total	2.4	ug/l	4/22/2009	100	
MW-4	Nickel, total	2.2	ug/l	10/22/2009	100	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-4	Nickel, total	2.0	ug/l	4/21/2010	100	
MW-4	Nickel, total	2.5	ug/l	4/21/2011	100	
MW-4	Nickel, total	2.2	ug/l	10/27/2011	100	
MW-4	Nickel, total	2.0	ug/l	4/12/2012	100	
MW-4	Nickel, total	2.1	ug/l	10/30/2012	100	
MW-4	Nickel, total	2.0	ug/l	4/25/2013	100	
MW-4	Nickel, total	2.1	ug/l	12/4/2013	100	
MW-4	Nickel, total	2.3	ug/l	5/19/2014	100	
MW-4	Nickel, total	2.2	ug/l	10/22/2014	100	
MW-4	Nickel, total	2.9	ug/L	3/23/2015	100	
MW-4	Nickel, total	2.1	ug/l	10/20/2015	100	
MW-4	Selenium, total	1.0	ug/l	4/23/2008	20	
MW-4	Selenium, total	0.9	ug/l	10/16/2008	20	
MW-4	Selenium, total	0.7	ug/l	4/22/2009	20	
MW-4	Selenium, total	0.4	ug/l	10/22/2009	20	
MW-4	Selenium, total	0.9	ug/l	4/21/2010	20	
MW-4	Selenium, total	2.2	ug/l	4/21/2011	20	
MW-4	Selenium, total	0.2	ug/l	10/27/2011	20	
MW-4	Selenium, total	0.4	ug/l	10/30/2012	20	
MW-4	Selenium, total	0.6	ug/l	4/25/2013	20	
MW-4	Selenium, total	0.5	ug/l	12/4/2013	20	
MW-4	Selenium, total	0.4	ug/l	5/19/2014	20	
MW-4	Selenium, total	0.2	ug/l	10/22/2014	20	
MW-4	Silver, total	0.1	ug/l	10/16/2008	20	
MW-4	Silver, total	0.1	ug/l	4/22/2009	20	
MW-4	Silver, total	0.2	ug/l	10/22/2009	20	
MW-4	Silver, total	0.1	ug/l	4/21/2010	20	
MW-4	Silver, total	0.1	ug/l	4/21/2011	20	
MW-4	Silver, total	0.1	ug/l	10/27/2011	20	
MW-4	Silver, total	0.1	ug/l	4/12/2012	20	
MW-4	Silver, total	0.1	ug/l	10/30/2012	20	
MW-4	Thallium, total *	0.1	ug/l	10/16/2008	0.28	
MW-4	Thallium, total *	0.1	ug/l	4/22/2009	0.28	
MW-4	Thallium, total *	0.1	ug/l	10/22/2009	0.28	
MW-4	Thallium, total *	0.2	ug/l	4/21/2011	0.28	
MW-4	**Thallium, total ***	**0.3**	**ug/l**	**10/27/2011**	**0.28**	**0.04**
MW-4	Thallium, total *	0.2	ug/l	4/12/2012	0.28	
MW-4	**Thallium, total ***	**0.3**	**ug/l**	**10/30/2012**	**0.28**	**0.02**
MW-4	Thallium, total *	0.1	ug/l	5/19/2014	0.28	
MW-4	**Vanadium ***	**33.4**	**ug/l**	**11/1/1994**	**0.3**	**33.1**
MW-4	**Vanadium ***	**50.0**	**ug/l**	**10/1/1999**	**0.3**	**49.7**
MW-4	**Vanadium ***	**0.5**	**ug/l**	**4/23/2008**	**0.3**	**0.2**
MW-4	**Vanadium ***	**4.3**	**ug/l**	**10/16/2008**	**0.3**	**4**
MW-4	**Vanadium ***	**0.7**	**ug/l**	**4/22/2009**	**0.3**	**0.4**
MW-4	**Vanadium ***	**1.1**	**ug/l**	**10/22/2009**	**0.3**	**0.8**
MW-4	**Vanadium ***	**14.5**	**ug/l**	**4/21/2011**	**0.3**	**14.2**
MW-4	**Vanadium ***	**0.6**	**ug/l**	**10/27/2011**	**0.3**	**0.32**
MW-4	**Vanadium ***	**0.7**	**ug/l**	**4/12/2012**	**0.3**	**0.42**
MW-4	**Vanadium ***	**0.5**	**ug/l**	**10/30/2012**	**0.3**	**0.24**
MW-4	**Vanadium ***	**0.9**	**ug/l**	**4/25/2013**	**0.3**	**0.64**
MW-4	**Vanadium ***	**0.5**	**ug/l**	**12/4/2013**	**0.3**	**0.23**
MW-4	Vanadium *	0.3	ug/l	5/19/2014	0.3	
MW-4	**Vanadium ***	**0.7**	**ug/l**	**10/22/2014**	**0.3**	**0.36**
MW-4	**Vanadium ***	**1.5**	**ug/L**	**3/23/2015**	**0.3**	**1.2**
MW-4	**Vanadium ***	**0.9**	**ug/l**	**10/20/2015**	**0.3**	**0.63**
MW-4	Zinc	26.0	ug/l	10/1/1994	1000	
MW-4	Zinc	93.0	ug/l	11/1/1994	1000	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-4	Zinc	28.0	ug/l	1/1/1995	1000	
MW-4	Zinc	26.0	ug/l	3/1/1995	1000	
MW-4	Zinc	52.0	ug/l	4/1/1997	1000	
MW-4	Zinc	42.0	ug/l	10/1/1997	1000	
MW-4	Zinc	40.0	ug/l	3/1/1999	1000	
MW-4	Zinc	12.0	ug/l	10/1/1999	1000	
MW-4	Zinc	19.0	ug/l	5/1/2007	1000	
MW-4	Zinc	17.0	ug/l	4/23/2008	1000	
MW-4	Zinc	13.0	ug/l	10/16/2008	1000	
MW-4	Zinc	16.0	ug/l	4/22/2009	1000	
MW-4	Zinc	10.0	ug/l	10/22/2009	1000	
MW-4	Zinc	13.0	ug/l	4/21/2010	1000	
MW-4	Zinc	40.0	ug/l	4/21/2011	1000	
MW-4	Zinc	24.0	ug/l	10/27/2011	1000	
MW-4	Zinc	14.0	ug/l	4/12/2012	1000	
MW-4	Zinc	36.0	ug/l	10/30/2012	1000	
MW-4	Zinc	11.0	ug/l	4/25/2013	1000	
MW-4	Zinc	15.0	ug/l	12/4/2013	1000	
MW-4	Zinc	11.0	ug/l	5/19/2014	1000	
MW-4	Zinc	13.0	ug/l	10/22/2014	1000	
MW-4	Zinc	28.0	ug/L	3/23/2015	1000	
MW-4	Zinc	22.0	ug/l	10/20/2015	1000	
MW-5	Antimony, total *	0.2	ug/l	10/16/2008	1	
MW-5	Antimony, total *	0.1	ug/l	4/22/2009	1	
MW-5	Antimony, total *	0.4	ug/l	10/22/2009	1	
MW-5	Antimony, total *	0.2	ug/l	10/27/2011	1	
MW-5	Antimony, total *	0.1	ug/l	10/30/2012	1	
MW-5	Antimony, total *	0.3	ug/l	4/25/2013	1	
MW-5	**Arsenic, total**	**20.0**	**ug/l**	**4/1/2000**	**10**	**10**
MW-5	Arsenic, total	0.7	ug/l	10/16/2008	10	
MW-5	Arsenic, total	0.6	ug/l	10/22/2009	10	
MW-5	Arsenic, total	0.3	ug/l	10/27/2011	10	
MW-5	Arsenic, total	0.2	ug/l	4/25/2013	10	
MW-5	Barium, total	208.0	ug/l	10/1/1994	700	
MW-5	Barium, total	142.0	ug/l	11/1/1994	700	
MW-5	Barium, total	243.0	ug/l	1/1/1995	700	
MW-5	Barium, total	104.0	ug/l	3/1/1995	700	
MW-5	Barium, total	100.0	ug/l	4/1/1998	700	
MW-5	Barium, total	200.0	ug/l	10/1/1998	700	
MW-5	Barium, total	200.0	ug/l	3/1/1999	700	
MW-5	Barium, total	112.0	ug/l	5/1/2007	700	
MW-5	Barium, total	103.0	ug/l	10/1/2007	700	
MW-5	Barium, total	95.2	ug/l	4/23/2008	700	
MW-5	Barium, total	197.0	ug/l	10/16/2008	700	
MW-5	Barium, total	129.0	ug/l	4/22/2009	700	
MW-5	Barium, total	117.0	ug/l	10/22/2009	700	
MW-5	Barium, total	113.0	ug/l	4/21/2010	700	
MW-5	Barium, total	115.0	ug/l	10/20/2010	700	
MW-5	Barium, total	112.0	ug/l	4/21/2011	700	
MW-5	Barium, total	101.0	ug/l	10/27/2011	700	
MW-5	Barium, total	106.0	ug/l	4/12/2012	700	
MW-5	Barium, total	105.0	ug/l	10/30/2012	700	
MW-5	Barium, total	74.1	ug/l	4/25/2013	700	
MW-5	Beryllium, total *	2.4	ug/l	10/1/1996	4	
MW-5	Beryllium, total *	2.0	ug/l	10/1/1998	4	
MW-5	Beryllium, total *	3.0	ug/l	3/1/1999	4	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-5	**Beryllium, total ***	**6.0**	**ug/l**	**10/1/1999**	**4**	**2**
MW-5	Beryllium, total *	0.2	ug/l	4/23/2008	4	
MW-5	Beryllium, total *	3.0	ug/l	10/16/2008	4	
MW-5	Beryllium, total *	0.2	ug/l	4/22/2009	4	
MW-5	Beryllium, total *	0.3	ug/l	10/22/2009	4	
MW-5	Beryllium, total *	0.2	ug/l	4/21/2010	4	
MW-5	Beryllium, total *	0.2	ug/l	10/20/2010	4	
MW-5	Beryllium, total *	0.3	ug/l	4/21/2011	4	
MW-5	Beryllium, total *	0.2	ug/l	10/27/2011	4	
MW-5	Beryllium, total *	0.2	ug/l	4/12/2012	4	
MW-5	Beryllium, total *	0.2	ug/l	10/30/2012	4	
MW-5	Beryllium, total *	0.2	ug/l	4/25/2013	4	
MW-5	Cadmium, total	1.0	ug/l	1/1/1995	2	
MW-5	Cadmium, total	1.1	ug/l	4/1/1996	2	
MW-5	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-5	Cadmium, total	0.2	ug/l	10/16/2008	2	
MW-5	Cadmium, total	0.3	ug/l	4/22/2009	2	
MW-5	Cadmium, total	0.4	ug/l	10/22/2009	2	
MW-5	Cadmium, total	0.1	ug/l	4/21/2010	2	
MW-5	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-5	Cadmium, total	0.2	ug/l	10/27/2011	2	
MW-5	Cadmium, total	0.1	ug/l	4/12/2012	2	
MW-5	Cadmium, total	0.2	ug/l	10/30/2012	2	
MW-5	Cadmium, total	0.1	ug/l	4/25/2013	2	
MW-5	Chromium, total	9.0	ug/l	10/1/1994	10	
MW-5	Chromium, total	1.2	ug/l	10/16/2008	10	
MW-5	**Cobalt, total ***	**1.6**	**ug/l**	**4/23/2008**	**1**	**0.6**
MW-5	**Cobalt, total ***	**1.9**	**ug/l**	**10/16/2008**	**1**	**0.9**
MW-5	**Cobalt, total ***	**1.9**	**ug/l**	**4/22/2009**	**1**	**0.9**
MW-5	**Cobalt, total ***	**4.6**	**ug/l**	**10/22/2009**	**1**	**3.6**
MW-5	**Cobalt, total ***	**2.4**	**ug/l**	**4/21/2010**	**1**	**1.4**
MW-5	**Cobalt, total ***	**4.7**	**ug/l**	**10/20/2010**	**1**	**3.7**
MW-5	Cobalt, total *	0.4	ug/l	4/21/2011	1	
MW-5	**Cobalt, total ***	**2.2**	**ug/l**	**10/27/2011**	**1**	**1.2**
MW-5	**Cobalt, total ***	**1.2**	**ug/l**	**4/12/2012**	**1**	**0.2**
MW-5	**Cobalt, total ***	**2.6**	**ug/l**	**10/30/2012**	**1**	**1.6**
MW-5	**Cobalt, total ***	**1.3**	**ug/l**	**4/25/2013**	**1**	**0.3**
MW-5	Copper, total	17.0	ug/l	10/1/1994	1000	
MW-5	Copper, total	6.0	ug/l	11/1/1994	1000	
MW-5	Copper, total	7.0	ug/l	1/1/1995	1000	
MW-5	Copper, total	6.0	ug/l	3/1/1995	1000	
MW-5	Copper, total	0.4	ug/l	4/23/2008	1000	
MW-5	Copper, total	6.0	ug/l	10/16/2008	1000	
MW-5	Copper, total	1.1	ug/l	4/22/2009	1000	
MW-5	Copper, total	2.1	ug/l	10/22/2009	1000	
MW-5	Copper, total	1.1	ug/l	4/21/2010	1000	
MW-5	Copper, total	1.1	ug/l	10/20/2010	1000	
MW-5	Copper, total	1.4	ug/l	4/21/2011	1000	
MW-5	Copper, total	1.5	ug/l	10/27/2011	1000	
MW-5	Copper, total	1.1	ug/l	4/12/2012	1000	
MW-5	Copper, total	0.5	ug/l	10/30/2012	1000	
MW-5	Copper, total	1.1	ug/l	4/25/2013	1000	
MW-5	Lead, total	8.0	ug/l	10/1/1994	15	
MW-5	Lead, total	2.0	ug/l	11/1/1994	15	
MW-5	Lead, total	8.0	ug/l	1/1/1995	15	
MW-5	Lead, total	2.0	ug/l	10/1/1997	15	
MW-5	Lead, total	0.1	ug/l	4/23/2008	15	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-5	Lead, total	5.0	ug/l	10/16/2008	15	
MW-5	Lead, total	0.2	ug/l	4/22/2009	15	
MW-5	Lead, total	0.3	ug/l	10/22/2009	15	
MW-5	Lead, total	0.2	ug/l	4/21/2010	15	
MW-5	Lead, total	0.1	ug/l	10/20/2010	15	
MW-5	Lead, total	0.3	ug/l	4/21/2011	15	
MW-5	Lead, total	0.1	ug/l	10/27/2011	15	
MW-5	Lead, total	0.2	ug/l	4/12/2012	15	
MW-5	Lead, total	0.1	ug/l	10/30/2012	15	
MW-5	Lead, total	0.1	ug/l	4/25/2013	15	
MW-5	Nickel, total	80.0	ug/l	3/1/1995	100	
MW-5	Nickel, total	1.6	ug/l	4/23/2008	100	
MW-5	Nickel, total	2.0	ug/l	10/16/2008	100	
MW-5	Nickel, total	2.1	ug/l	4/22/2009	100	
MW-5	Nickel, total	2.3	ug/l	10/22/2009	100	
MW-5	Nickel, total	1.6	ug/l	4/21/2010	100	
MW-5	Nickel, total	1.5	ug/l	10/20/2010	100	
MW-5	Nickel, total	1.1	ug/l	4/21/2011	100	
MW-5	Nickel, total	2.3	ug/l	10/27/2011	100	
MW-5	Nickel, total	1.8	ug/l	4/12/2012	100	
MW-5	Nickel, total	2.7	ug/l	10/30/2012	100	
MW-5	Nickel, total	2.7	ug/l	4/25/2013	100	
MW-5	Selenium, total	0.4	ug/l	10/22/2009	20	
MW-5	Selenium, total	0.2	ug/l	4/25/2013	20	
MW-5	Silver, total	0.1	ug/l	10/16/2008	20	
MW-5	Silver, total	0.1	ug/l	4/21/2010	20	
MW-5	Thallium, total *	0.2	ug/l	10/27/2011	0.28	
MW-5	Thallium, total *	0.2	ug/l	4/12/2012	0.28	
MW-5	Thallium, total *	0.1	ug/l	10/30/2012	0.28	
MW-5	**Vanadium ***	**6.0**	**ug/l**	**10/1/1994**	**0.3**	**5.7**
MW-5	Vanadium *	0.1	ug/l	4/23/2008	0.3	
MW-5	**Vanadium ***	**4.0**	**ug/l**	**10/16/2008**	**0.3**	**3.7**
MW-5	**Vanadium ***	**1.0**	**ug/l**	**4/22/2009**	**0.3**	**0.7**
MW-5	**Vanadium ***	**1.2**	**ug/l**	**10/22/2009**	**0.3**	**0.9**
MW-5	Vanadium *	0.3	ug/l	4/21/2010	0.3	
MW-5	**Vanadium ***	**0.8**	**ug/l**	**10/20/2010**	**0.3**	**0.5**
MW-5	**Vanadium ***	**0.7**	**ug/l**	**4/21/2011**	**0.3**	**0.44**
MW-5	Vanadium *	0.3	ug/l	10/27/2011	0.3	
MW-5	Vanadium *	0.2	ug/l	4/12/2012	0.3	
MW-5	Vanadium *	0.3	ug/l	10/30/2012	0.3	
MW-5	**Vanadium ***	**0.5**	**ug/l**	**4/25/2013**	**0.3**	**0.24**
MW-5	Zinc	27.0	ug/l	10/1/1994	1000	
MW-5	Zinc	19.0	ug/l	11/1/1994	1000	
MW-5	Zinc	26.0	ug/l	1/1/1995	1000	
MW-5	Zinc	10.0	ug/l	3/1/1995	1000	
MW-5	Zinc	19.0	ug/l	10/1/1997	1000	
MW-5	Zinc	2.9	ug/l	4/23/2008	1000	
MW-5	Zinc	14.0	ug/l	10/16/2008	1000	
MW-5	Zinc	7.7	ug/l	4/22/2009	1000	
MW-5	Zinc	6.4	ug/l	10/22/2009	1000	
MW-5	Zinc	2.9	ug/l	4/21/2010	1000	
MW-5	Zinc	3.9	ug/l	10/20/2010	1000	
MW-5	Zinc	2.6	ug/l	4/21/2011	1000	
MW-5	Zinc	5.0	ug/l	10/27/2011	1000	
MW-5	Zinc	3.8	ug/l	4/12/2012	1000	
MW-5	Zinc	3.9	ug/l	10/30/2012	1000	
MW-5	Zinc	4.6	ug/l	4/25/2013	1000	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-53	Antimony, total *	0.2	ug/l	10/30/2012	1	
MW-53	Antimony, total *	0.1	ug/l	12/4/2013	1	
MW-53	Antimony, total *	0.1	ug/l	5/19/2014	1	
MW-53	Antimony, total *	0.1	ug/L	3/23/2015	1	
MW-53	Arsenic, total	0.9	ug/l	4/21/2011	10	
MW-53	Arsenic, total	2.8	ug/l	10/27/2011	10	
MW-53	Arsenic, total	1.1	ug/l	4/12/2012	10	
MW-53	Arsenic, total	2.6	ug/l	10/30/2012	10	
MW-53	Arsenic, total	5.0	ug/l	4/25/2013	10	
MW-53	Arsenic, total	2.9	ug/l	12/4/2013	10	
MW-53	Arsenic, total	7.0	ug/l	5/19/2014	10	
MW-53	Arsenic, total	1.8	ug/l	10/22/2014	10	
MW-53	Arsenic, total	3.8	ug/L	3/23/2015	10	
MW-53	Arsenic, total	2.4	ug/l	10/20/2015	10	
MW-53	Barium, total	61.2	ug/l	10/20/2010	700	
MW-53	Barium, total	109.0	ug/l	4/21/2011	700	
MW-53	Barium, total	34.1	ug/l	10/27/2011	700	
MW-53	Barium, total	76.9	ug/l	4/12/2012	700	
MW-53	Barium, total	35.3	ug/l	10/30/2012	700	
MW-53	Barium, total	65.2	ug/l	4/25/2013	700	
MW-53	Barium, total	109.0	ug/l	12/4/2013	700	
MW-53	Barium, total	52.1	ug/l	5/19/2014	700	
MW-53	Barium, total	76.5	ug/l	10/22/2014	700	
MW-53	Barium, total	56.0	ug/L	3/23/2015	700	
MW-53	Barium, total	121.0	ug/l	10/20/2015	700	
MW-53	Beryllium, total *	0.2	ug/l	10/20/2010	4	
MW-53	Beryllium, total *	0.5	ug/l	4/21/2011	4	
MW-53	Beryllium, total *	0.1	ug/l	10/27/2011	4	
MW-53	Beryllium, total *	0.5	ug/l	4/12/2012	4	
MW-53	Beryllium, total *	0.1	ug/l	10/30/2012	4	
MW-53	Beryllium, total *	0.1	ug/l	4/25/2013	4	
MW-53	Beryllium, total *	0.2	ug/l	12/4/2013	4	
MW-53	Beryllium, total *	0.2	ug/l	10/22/2014	4	
MW-53	Beryllium, total *	0.5	ug/l	10/20/2015	4	
MW-53	Cadmium, total	0.7	ug/l	10/20/2010	2	
MW-53	Cadmium, total	0.5	ug/l	4/21/2011	2	
MW-53	Cadmium, total	0.1	ug/l	10/27/2011	2	
MW-53	Cadmium, total	0.1	ug/l	4/12/2012	2	
MW-53	Cadmium, total	0.8	ug/l	10/30/2012	2	
MW-53	Cadmium, total	0.1	ug/l	12/4/2013	2	
MW-53	Chromium, total	1.2	ug/l	10/20/2010	10	
MW-53	Chromium, total	0.5	ug/l	4/21/2011	10	
MW-53	Chromium, total	0.4	ug/l	4/12/2012	10	
MW-53	Chromium, total	0.4	ug/l	12/4/2013	10	
MW-53	Chromium, total	0.3	ug/l	5/19/2014	10	
MW-53	Chromium, total	0.5	ug/l	10/22/2014	10	
MW-53	Chromium, total	0.8	ug/L	3/23/2015	10	
MW-53	**Cobalt, total ***	**2.9**	**ug/l**	**10/20/2010**	**1**	**1.9**
MW-53	**Cobalt, total ***	**3.5**	**ug/l**	**4/21/2011**	**1**	**2.5**
MW-53	**Cobalt, total ***	**1.7**	**ug/l**	**10/27/2011**	**1**	**0.7**
MW-53	**Cobalt, total ***	**1.8**	**ug/l**	**4/12/2012**	**1**	**0.8**
MW-53	**Cobalt, total ***	**1.1**	**ug/l**	**10/30/2012**	**1**	**0.1**
MW-53	**Cobalt, total ***	**2.6**	**ug/l**	**4/25/2013**	**1**	**1.6**
MW-53	**Cobalt, total ***	**2.2**	**ug/l**	**12/4/2013**	**1**	**1.2**
MW-53	**Cobalt, total ***	**2.6**	**ug/l**	**5/19/2014**	**1**	**1.6**
MW-53	**Cobalt, total ***	**1.2**	**ug/l**	**10/22/2014**	**1**	**0.2**

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-53	**Cobalt, total ***	**2.0**	**ug/L**	**3/23/2015**	**1**	**1**
MW-53	Cobalt, total *	0.7	ug/l	10/20/2015	1	
MW-53	Copper, total	15.0	ug/l	10/20/2010	1000	
MW-53	Copper, total	2.4	ug/l	4/21/2011	1000	
MW-53	Copper, total	1.4	ug/l	10/27/2011	1000	
MW-53	Copper, total	2.3	ug/l	4/12/2012	1000	
MW-53	Copper, total	1.0	ug/l	10/30/2012	1000	
MW-53	Copper, total	3.3	ug/l	4/25/2013	1000	
MW-53	Copper, total	3.6	ug/l	12/4/2013	1000	
MW-53	Copper, total	4.6	ug/l	5/19/2014	1000	
MW-53	Copper, total	1.5	ug/l	10/22/2014	1000	
MW-53	Copper, total	5.0	ug/L	3/23/2015	1000	
MW-53	Copper, total	0.8	ug/l	10/20/2015	1000	
MW-53	Lead, total	1.8	ug/l	10/20/2010	15	
MW-53	Lead, total	1.2	ug/l	4/21/2011	15	
MW-53	Lead, total	0.9	ug/l	10/27/2011	15	
MW-53	Lead, total	1.3	ug/l	4/12/2012	15	
MW-53	Lead, total	0.7	ug/l	10/30/2012	15	
MW-53	Lead, total	0.9	ug/l	4/25/2013	15	
MW-53	Lead, total	1.5	ug/l	12/4/2013	15	
MW-53	Lead, total	1.2	ug/l	5/19/2014	15	
MW-53	Lead, total	0.8	ug/l	10/22/2014	15	
MW-53	Lead, total	1.0	ug/L	3/23/2015	15	
MW-53	Lead, total	0.8	ug/l	10/20/2015	15	
MW-53	Mercury	0.5	ug/l	10/22/2014	1	
MW-53	Mercury	0.1	ug/l	10/20/2015	1	
MW-53	Nickel, total	3.2	ug/l	10/20/2010	100	
MW-53	Nickel, total	4.2	ug/l	4/21/2011	100	
MW-53	Nickel, total	1.5	ug/l	10/27/2011	100	
MW-53	Nickel, total	2.2	ug/l	4/12/2012	100	
MW-53	Nickel, total	1.4	ug/l	10/30/2012	100	
MW-53	Nickel, total	1.8	ug/l	4/25/2013	100	
MW-53	Nickel, total	2.1	ug/l	12/4/2013	100	
MW-53	Nickel, total	1.7	ug/l	5/19/2014	100	
MW-53	Nickel, total	1.3	ug/l	10/22/2014	100	
MW-53	Nickel, total	1.4	ug/L	3/23/2015	100	
MW-53	Nickel, total	1.9	ug/l	10/20/2015	100	
MW-53	Selenium, total	0.8	ug/l	4/21/2011	20	
MW-53	Selenium, total	0.4	ug/l	10/27/2011	20	
MW-53	Selenium, total	0.7	ug/l	4/12/2012	20	
MW-53	Selenium, total	0.2	ug/l	10/30/2012	20	
MW-53	Selenium, total	1.8	ug/l	4/25/2013	20	
MW-53	Selenium, total	1.0	ug/l	12/4/2013	20	
MW-53	Selenium, total	2.3	ug/l	5/19/2014	20	
MW-53	Selenium, total	0.4	ug/l	10/22/2014	20	
MW-53	Selenium, total	1.3	ug/L	3/23/2015	20	
MW-53	Selenium, total	1.5	ug/l	10/20/2015	20	
MW-53	Thallium, total *	0.1	ug/l	4/25/2013	0.28	
MW-53	Thallium, total *	0.1	ug/l	10/20/2015	0.28	
MW-53	**Vanadium ***	**5.3**	**ug/l**	**10/20/2010**	**0.3**	**5**
MW-53	**Vanadium ***	**1.4**	**ug/l**	**4/21/2011**	**0.3**	**1.1**
MW-53	**Vanadium ***	**1.2**	**ug/l**	**10/27/2011**	**0.3**	**0.9**
MW-53	**Vanadium ***	**1.9**	**ug/l**	**4/12/2012**	**0.3**	**1.6**
MW-53	**Vanadium ***	**0.7**	**ug/l**	**10/30/2012**	**0.3**	**0.35**
MW-53	**Vanadium ***	**3.4**	**ug/l**	**4/25/2013**	**0.3**	**3.1**
MW-53	**Vanadium ***	**5.4**	**ug/l**	**12/4/2013**	**0.3**	**5.1**
MW-53	**Vanadium ***	**0.9**	**ug/l**	**5/19/2014**	**0.3**	**0.56**

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-53	**Vanadium ***	**3.9**	**ug/l**	**10/22/2014**	**0.3**	**3.6**
MW-53	**Vanadium ***	**1.7**	**ug/l**	**10/20/2015**	**0.3**	**1.4**
MW-53	Zinc	9.4	ug/l	10/20/2010	1000	
MW-53	Zinc	7.8	ug/l	4/21/2011	1000	
MW-53	Zinc	6.0	ug/l	10/27/2011	1000	
MW-53	Zinc	4.2	ug/l	4/12/2012	1000	
MW-53	Zinc	5.0	ug/l	10/30/2012	1000	
MW-53	Zinc	2.8	ug/l	4/25/2013	1000	
MW-53	Zinc	5.2	ug/l	12/4/2013	1000	
MW-53	Zinc	1.9	ug/l	5/19/2014	1000	
MW-53	Zinc	2.2	ug/l	10/22/2014	1000	
MW-53	Zinc	22.0	ug/L	3/23/2015	1000	
MW-53	Zinc	2.3	ug/l	10/20/2015	1000	
MW-56	Antimony, total *	0.1	ug/L	3/23/2015	1	
MW-56	Arsenic, total	0.2	ug/l	4/21/2011	10	
MW-56	Arsenic, total	2.9	ug/l	10/27/2011	10	
MW-56	Arsenic, total	0.3	ug/l	4/12/2012	10	
MW-56	Arsenic, total	0.2	ug/l	10/30/2012	10	
MW-56	Arsenic, total	0.7	ug/l	4/25/2013	10	
MW-56	Arsenic, total	0.6	ug/l	12/4/2013	10	
MW-56	Arsenic, total	0.2	ug/l	5/19/2014	10	
MW-56	Arsenic, total	0.9	ug/l	10/22/2014	10	
MW-56	Arsenic, total	1.8	ug/l	10/20/2015	10	
MW-56	Barium, total	55.7	ug/l	10/20/2010	700	
MW-56	Barium, total	82.0	ug/l	4/21/2011	700	
MW-56	Barium, total	66.6	ug/l	10/27/2011	700	
MW-56	Barium, total	64.0	ug/l	4/12/2012	700	
MW-56	Barium, total	29.9	ug/l	10/30/2012	700	
MW-56	Barium, total	77.4	ug/l	4/25/2013	700	
MW-56	Barium, total	45.8	ug/l	12/4/2013	700	
MW-56	Barium, total	64.2	ug/l	5/19/2014	700	
MW-56	Barium, total	41.0	ug/l	10/22/2014	700	
MW-56	Barium, total	100.0	ug/L	3/23/2015	700	
MW-56	Barium, total	52.9	ug/l	10/20/2015	700	
MW-56	Beryllium, total *	0.4	ug/l	10/20/2010	4	
MW-56	Beryllium, total *	0.6	ug/l	4/21/2011	4	
MW-56	Beryllium, total *	0.7	ug/l	10/27/2011	4	
MW-56	Beryllium, total *	0.5	ug/l	4/12/2012	4	
MW-56	Beryllium, total *	0.3	ug/l	10/30/2012	4	
MW-56	Beryllium, total *	0.6	ug/l	4/25/2013	4	
MW-56	Beryllium, total *	0.4	ug/l	12/4/2013	4	
MW-56	Beryllium, total *	0.7	ug/l	5/19/2014	4	
MW-56	Beryllium, total *	0.6	ug/l	10/22/2014	4	
MW-56	Beryllium, total *	0.8	ug/L	3/23/2015	4	
MW-56	Beryllium, total *	0.9	ug/l	10/20/2015	4	
MW-56	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-56	Cadmium, total	0.7	ug/l	4/21/2011	2	
MW-56	Cadmium, total	0.3	ug/l	10/27/2011	2	
MW-56	Cadmium, total	0.4	ug/l	4/12/2012	2	
MW-56	Cadmium, total	0.1	ug/l	10/30/2012	2	
MW-56	Cadmium, total	0.1	ug/l	4/25/2013	2	
MW-56	Cadmium, total	0.1	ug/l	12/4/2013	2	
MW-56	Cadmium, total	0.1	ug/l	10/20/2015	2	
MW-56	Chromium, total	0.1	ug/l	10/20/2010	10	
MW-56	Chromium, total	0.6	ug/l	4/21/2011	10	
MW-56	Chromium, total	4.7	ug/l	10/27/2011	10	

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Table 5

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-56	Chromium, total	0.4	ug/l	4/12/2012	10	
MW-56	Chromium, total	0.5	ug/l	4/25/2013	10	
MW-56	Chromium, total	0.1	ug/l	12/4/2013	10	
MW-56	Chromium, total	0.2	ug/l	5/19/2014	10	
MW-56	Chromium, total	1.9	ug/l	10/22/2014	10	
MW-56	Chromium, total	2.0	ug/L	3/23/2015	10	
MW-56	Chromium, total	2.5	ug/l	10/20/2015	10	
MW-56	**Cobalt, total ***	**2.1**	**ug/l**	**10/20/2010**	**1**	**1.1**
MW-56	**Cobalt, total ***	**2.5**	**ug/l**	**4/21/2011**	**1**	**1.5**
MW-56	**Cobalt, total ***	**1.3**	**ug/l**	**10/27/2011**	**1**	**0.3**
MW-56	**Cobalt, total ***	**2.1**	**ug/l**	**4/12/2012**	**1**	**1.1**
MW-56	Cobalt, total *	0.9	ug/l	10/30/2012	1	
MW-56	**Cobalt, total ***	**1.8**	**ug/l**	**4/25/2013**	**1**	**0.8**
MW-56	Cobalt, total *	0.9	ug/l	12/4/2013	1	
MW-56	**Cobalt, total ***	**1.1**	**ug/l**	**5/19/2014**	**1**	**0.1**
MW-56	Cobalt, total *	0.6	ug/l	10/22/2014	1	
MW-56	**Cobalt, total ***	**2.6**	**ug/L**	**3/23/2015**	**1**	**1.6**
MW-56	**Cobalt, total ***	**4.5**	**ug/l**	**10/20/2015**	**1**	**3.5**
MW-56	Copper, total	1.2	ug/l	10/20/2010	1000	
MW-56	Copper, total	3.0	ug/l	4/21/2011	1000	
MW-56	Copper, total	6.5	ug/l	10/27/2011	1000	
MW-56	Copper, total	1.7	ug/l	4/12/2012	1000	
MW-56	Copper, total	0.8	ug/l	10/30/2012	1000	
MW-56	Copper, total	1.7	ug/l	4/25/2013	1000	
MW-56	Copper, total	1.3	ug/l	12/4/2013	1000	
MW-56	Copper, total	1.2	ug/l	5/19/2014	1000	
MW-56	Copper, total	1.8	ug/l	10/22/2014	1000	
MW-56	Copper, total	3.6	ug/L	3/23/2015	1000	
MW-56	Copper, total	3.4	ug/l	10/20/2015	1000	
MW-56	Lead, total	2.3	ug/l	10/20/2010	15	
MW-56	Lead, total	1.9	ug/l	4/21/2011	15	
MW-56	Lead, total	12.0	ug/l	10/27/2011	15	
MW-56	Lead, total	1.4	ug/l	4/12/2012	15	
MW-56	Lead, total	0.8	ug/l	10/30/2012	15	
MW-56	Lead, total	3.0	ug/l	4/25/2013	15	
MW-56	Lead, total	1.4	ug/l	12/4/2013	15	
MW-56	Lead, total	1.2	ug/l	5/19/2014	15	
MW-56	Lead, total	3.7	ug/l	10/22/2014	15	
MW-56	Lead, total	2.5	ug/L	3/23/2015	15	
MW-56	Lead, total	7.4	ug/l	10/20/2015	15	
MW-56	Nickel, total	2.0	ug/l	10/20/2010	100	
MW-56	Nickel, total	2.5	ug/l	4/21/2011	100	
MW-56	Nickel, total	1.8	ug/l	10/27/2011	100	
MW-56	Nickel, total	1.7	ug/l	4/12/2012	100	
MW-56	Nickel, total	0.9	ug/l	10/30/2012	100	
MW-56	Nickel, total	1.8	ug/l	4/25/2013	100	
MW-56	Nickel, total	1.1	ug/l	12/4/2013	100	
MW-56	Nickel, total	1.1	ug/l	5/19/2014	100	
MW-56	Nickel, total	0.7	ug/l	10/22/2014	100	
MW-56	Nickel, total	2.3	ug/L	3/23/2015	100	
MW-56	Nickel, total	0.9	ug/l	10/20/2015	100	
MW-56	Selenium, total	0.3	ug/l	4/21/2011	20	
MW-56	Selenium, total	0.2	ug/l	10/27/2011	20	
MW-56	Selenium, total	0.3	ug/l	4/25/2013	20	
MW-56	Selenium, total	0.2	ug/l	12/4/2013	20	
MW-56	Thallium, total *	0.1	ug/l	10/27/2011	0.28	
MW-56	**Vanadium ***	**2.3**	**ug/l**	**10/20/2010**	**0.3**	**2**

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Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-56	**Vanadium ***	**1.7**	**ug/l**	**4/21/2011**	**0.3**	**1.4**
MW-56	**Vanadium ***	**13.6**	**ug/l**	**10/27/2011**	**0.3**	**13.3**
MW-56	**Vanadium ***	**1.5**	**ug/l**	**4/12/2012**	**0.3**	**1.2**
MW-56	**Vanadium ***	**1.1**	**ug/l**	**10/30/2012**	**0.3**	**0.8**
MW-56	**Vanadium ***	**4.1**	**ug/l**	**4/25/2013**	**0.3**	**3.8**
MW-56	**Vanadium ***	**1.8**	**ug/l**	**12/4/2013**	**0.3**	**1.5**
MW-56	**Vanadium ***	**1.4**	**ug/l**	**5/19/2014**	**0.3**	**1.1**
MW-56	**Vanadium ***	**5.9**	**ug/l**	**10/22/2014**	**0.3**	**5.6**
MW-56	**Vanadium ***	**4.3**	**ug/L**	**3/23/2015**	**0.3**	**4**
MW-56	**Vanadium ***	**14.1**	**ug/l**	**10/20/2015**	**0.3**	**13.8**
MW-56	Zinc	16.0	ug/l	10/20/2010	1000	
MW-56	Zinc	17.0	ug/l	4/21/2011	1000	
MW-56	Zinc	15.0	ug/l	10/27/2011	1000	
MW-56	Zinc	7.1	ug/l	4/12/2012	1000	
MW-56	Zinc	4.0	ug/l	10/30/2012	1000	
MW-56	Zinc	6.8	ug/l	4/25/2013	1000	
MW-56	Zinc	4.5	ug/l	12/4/2013	1000	
MW-56	Zinc	3.4	ug/l	5/19/2014	1000	
MW-56	Zinc	3.8	ug/l	10/22/2014	1000	
MW-56	Zinc	19.0	ug/L	3/23/2015	1000	
MW-56	Zinc	9.3	ug/l	10/20/2015	1000	
MW-57	Antimony, total *	0.1	ug/l	10/30/2012	1	
MW-57	Antimony, total *	0.1	ug/l	12/4/2013	1	
MW-57	Antimony, total *	0.4	ug/l	10/22/2014	1	
MW-57	Antimony, total *	0.2	ug/L	3/23/2015	1	
MW-57	Arsenic, total	0.6	ug/l	10/20/2010	10	
MW-57	Arsenic, total	0.6	ug/l	4/21/2011	10	
MW-57	Arsenic, total	3.0	ug/l	10/27/2011	10	
MW-57	Arsenic, total	0.9	ug/l	4/12/2012	10	
MW-57	Arsenic, total	0.8	ug/l	10/30/2012	10	
MW-57	Arsenic, total	0.8	ug/l	4/25/2013	10	
MW-57	Arsenic, total	3.9	ug/l	12/4/2013	10	
MW-57	Arsenic, total	1.1	ug/l	5/19/2014	10	
MW-57	Arsenic, total	1.4	ug/l	10/22/2014	10	
MW-57	Arsenic, total	1.9	ug/L	3/23/2015	10	
MW-57	Arsenic, total	1.8	ug/l	10/20/2015	10	
MW-57	Barium, total	105.0	ug/l	10/20/2010	700	
MW-57	Barium, total	103.0	ug/l	4/21/2011	700	
MW-57	Barium, total	121.0	ug/l	10/27/2011	700	
MW-57	Barium, total	90.2	ug/l	4/12/2012	700	
MW-57	Barium, total	108.0	ug/l	10/30/2012	700	
MW-57	Barium, total	70.2	ug/l	4/25/2013	700	
MW-57	Barium, total	208.0	ug/l	12/4/2013	700	
MW-57	Barium, total	98.6	ug/l	5/19/2014	700	
MW-57	Barium, total	184.0	ug/l	10/22/2014	700	
MW-57	Barium, total	180.0	ug/L	3/23/2015	700	
MW-57	Barium, total	241.0	ug/l	10/20/2015	700	
MW-57	Beryllium, total *	0.8	ug/l	10/20/2010	4	
MW-57	Beryllium, total *	0.7	ug/l	4/21/2011	4	
MW-57	Beryllium, total *	2.0	ug/l	10/27/2011	4	
MW-57	Beryllium, total *	0.6	ug/l	4/12/2012	4	
MW-57	Beryllium, total *	0.9	ug/l	10/30/2012	4	
MW-57	Beryllium, total *	0.3	ug/l	4/25/2013	4	
MW-57	Beryllium, total *	2.0	ug/l	12/4/2013	4	
MW-57	Beryllium, total *	0.3	ug/l	5/19/2014	4	
MW-57	Beryllium, total *	0.7	ug/l	10/22/2014	4	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-57	Beryllium, total *	0.6	ug/L	3/23/2015	4	
MW-57	Beryllium, total *	0.8	ug/l	10/20/2015	4	
MW-57	Cadmium, total	0.9	ug/l	10/20/2010	2	
MW-57	Cadmium, total	0.6	ug/l	4/21/2011	2	
MW-57	Cadmium, total	0.1	ug/l	10/27/2011	2	
MW-57	Cadmium, total	0.1	ug/l	4/12/2012	2	
MW-57	Cadmium, total	0.2	ug/l	10/30/2012	2	
MW-57	Cadmium, total	0.1	ug/l	4/25/2013	2	
MW-57	Cadmium, total	0.1	ug/l	12/4/2013	2	
MW-57	Cadmium, total	0.1	ug/l	10/22/2014	2	
MW-57	Chromium, total	0.9	ug/l	10/20/2010	10	
MW-57	Chromium, total	0.6	ug/l	4/21/2011	10	
MW-57	**Chromium, total**	**11.0**	**ug/l**	**10/27/2011**	**10**	**1**
MW-57	Chromium, total	0.3	ug/l	4/12/2012	10	
MW-57	Chromium, total	1.2	ug/l	10/30/2012	10	
MW-57	Chromium, total	0.6	ug/l	4/25/2013	10	
MW-57	**Chromium, total**	**11.0**	**ug/l**	**12/4/2013**	**10**	**1**
MW-57	Chromium, total	0.1	ug/l	5/19/2014	10	
MW-57	Chromium, total	1.6	ug/l	10/22/2014	10	
MW-57	Chromium, total	4.2	ug/L	3/23/2015	10	
MW-57	Chromium, total	1.1	ug/l	10/20/2015	10	
MW-57	**Cobalt, total ***	**3.3**	**ug/l**	**10/20/2010**	**1**	**2.3**
MW-57	**Cobalt, total ***	**3.2**	**ug/l**	**4/21/2011**	**1**	**2.2**
MW-57	**Cobalt, total ***	**2.8**	**ug/l**	**10/27/2011**	**1**	**1.8**
MW-57	**Cobalt, total ***	**3.2**	**ug/l**	**4/12/2012**	**1**	**2.2**
MW-57	**Cobalt, total ***	**2.9**	**ug/l**	**10/30/2012**	**1**	**1.9**
MW-57	**Cobalt, total ***	**3.4**	**ug/l**	**4/25/2013**	**1**	**2.4**
MW-57	**Cobalt, total ***	**2.4**	**ug/l**	**12/4/2013**	**1**	**1.4**
MW-57	**Cobalt, total ***	**4.3**	**ug/l**	**5/19/2014**	**1**	**3.3**
MW-57	**Cobalt, total ***	**4.6**	**ug/l**	**10/22/2014**	**1**	**3.6**
MW-57	**Cobalt, total ***	**5.5**	**ug/L**	**3/23/2015**	**1**	**4.5**
MW-57	Cobalt, total *	0.9	ug/l	10/20/2015	1	
MW-57	Copper, total	3.3	ug/l	10/20/2010	1000	
MW-57	Copper, total	2.2	ug/l	4/21/2011	1000	
MW-57	Copper, total	6.6	ug/l	10/27/2011	1000	
MW-57	Copper, total	2.2	ug/l	4/12/2012	1000	
MW-57	Copper, total	3.2	ug/l	10/30/2012	1000	
MW-57	Copper, total	1.4	ug/l	4/25/2013	1000	
MW-57	Copper, total	11.0	ug/l	12/4/2013	1000	
MW-57	Copper, total	0.6	ug/l	5/19/2014	1000	
MW-57	Copper, total	2.3	ug/l	10/22/2014	1000	
MW-57	Copper, total	3.9	ug/L	3/23/2015	1000	
MW-57	Copper, total	3.8	ug/l	10/20/2015	1000	
MW-57	Lead, total	1.3	ug/l	10/20/2010	15	
MW-57	Lead, total	1.0	ug/l	4/21/2011	15	
MW-57	**Lead, total**	**16.0**	**ug/l**	**10/27/2011**	**15**	**1**
MW-57	Lead, total	0.7	ug/l	4/12/2012	15	
MW-57	Lead, total	1.8	ug/l	10/30/2012	15	
MW-57	Lead, total	1.0	ug/l	4/25/2013	15	
MW-57	**Lead, total**	**19.0**	**ug/l**	**12/4/2013**	**15**	**4**
MW-57	Lead, total	0.5	ug/l	5/19/2014	15	
MW-57	Lead, total	1.9	ug/l	10/22/2014	15	
MW-57	Lead, total	4.0	ug/L	3/23/2015	15	
MW-57	Lead, total	2.8	ug/l	10/20/2015	15	
MW-57	Nickel, total	2.8	ug/l	10/20/2010	100	
MW-57	Nickel, total	2.9	ug/l	4/21/2011	100	
MW-57	Nickel, total	2.8	ug/l	10/27/2011	100	

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Table 5

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-57	Nickel, total	2.4	ug/l	4/12/2012	100	
MW-57	Nickel, total	2.7	ug/l	10/30/2012	100	
MW-57	Nickel, total	2.1	ug/l	4/25/2013	100	
MW-57	Nickel, total	2.4	ug/l	12/4/2013	100	
MW-57	Nickel, total	2.4	ug/l	5/19/2014	100	
MW-57	Nickel, total	3.3	ug/l	10/22/2014	100	
MW-57	Nickel, total	3.5	ug/L	3/23/2015	100	
MW-57	Nickel, total	3.2	ug/l	10/20/2015	100	
MW-57	Selenium, total	1.4	ug/l	10/20/2010	20	
MW-57	Selenium, total	1.1	ug/l	4/21/2011	20	
MW-57	Selenium, total	0.9	ug/l	10/27/2011	20	
MW-57	Selenium, total	0.6	ug/l	4/12/2012	20	
MW-57	Selenium, total	0.9	ug/l	10/30/2012	20	
MW-57	Selenium, total	0.9	ug/l	4/25/2013	20	
MW-57	Selenium, total	2.0	ug/l	12/4/2013	20	
MW-57	Selenium, total	1.4	ug/l	10/22/2014	20	
MW-57	Selenium, total	1.6	ug/L	3/23/2015	20	
MW-57	Selenium, total	2.9	ug/l	10/20/2015	20	
MW-57	Silver, total	0.1	ug/l	10/20/2010	20	
MW-57	Silver, total	0.1	ug/l	10/27/2011	20	
MW-57	Silver, total	0.1	ug/l	12/4/2013	20	
MW-57	Silver, total	0.1	ug/l	5/19/2014	20	
MW-57	Thallium, total *	0.1	ug/l	10/27/2011	0.28	
MW-57	Thallium, total *	0.2	ug/l	12/4/2013	0.28	
MW-57	Thallium, total *	0.1	ug/l	5/19/2014	0.28	
MW-57	Thallium, total *	0.1	ug/l	10/20/2015	0.28	
MW-57	**Vanadium ***	**3.7**	**ug/l**	**10/20/2010**	**0.3**	**3.4**
MW-57	**Vanadium ***	**1.8**	**ug/l**	**4/21/2011**	**0.3**	**1.5**
MW-57	**Vanadium ***	**34.0**	**ug/l**	**10/27/2011**	**0.3**	**33.7**
MW-57	**Vanadium ***	**1.4**	**ug/l**	**4/12/2012**	**0.3**	**1.1**
MW-57	**Vanadium ***	**3.5**	**ug/l**	**10/30/2012**	**0.3**	**3.2**
MW-57	**Vanadium ***	**4.5**	**ug/l**	**4/25/2013**	**0.3**	**4.2**
MW-57	**Vanadium ***	**55.0**	**ug/l**	**12/4/2013**	**0.3**	**54.7**
MW-57	Vanadium *	0.3	ug/l	5/19/2014	0.3	
MW-57	**Vanadium ***	**5.7**	**ug/l**	**10/22/2014**	**0.3**	**5.4**
MW-57	**Vanadium ***	**11.0**	**ug/L**	**3/23/2015**	**0.3**	**10.7**
MW-57	**Vanadium ***	**6.6**	**ug/l**	**10/20/2015**	**0.3**	**6.3**
MW-57	Zinc	8.7	ug/l	10/20/2010	1000	
MW-57	Zinc	9.8	ug/l	4/21/2011	1000	
MW-57	Zinc	12.0	ug/l	10/27/2011	1000	
MW-57	Zinc	5.5	ug/l	4/12/2012	1000	
MW-57	Zinc	8.2	ug/l	10/30/2012	1000	
MW-57	Zinc	3.9	ug/l	4/25/2013	1000	
MW-57	Zinc	13.0	ug/l	12/4/2013	1000	
MW-57	Zinc	4.0	ug/l	5/19/2014	1000	
MW-57	Zinc	7.0	ug/l	10/22/2014	1000	
MW-57	Zinc	25.0	ug/L	3/23/2015	1000	
MW-57	Zinc	6.9	ug/l	10/20/2015	1000	
MW-58	Arsenic, total	0.4	ug/l	4/21/2011	10	
MW-58	Arsenic, total	1.6	ug/l	10/27/2011	10	
MW-58	Arsenic, total	1.1	ug/l	4/12/2012	10	
MW-58	Arsenic, total	0.4	ug/l	10/30/2012	10	
MW-58	Arsenic, total	0.7	ug/l	4/25/2013	10	
MW-58	Barium, total	34.8	ug/l	10/20/2010	700	
MW-58	Barium, total	41.8	ug/l	4/21/2011	700	
MW-58	Barium, total	60.1	ug/l	10/27/2011	700	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-58	Barium, total	45.4	ug/l	4/12/2012	700	
MW-58	Barium, total	27.6	ug/l	10/30/2012	700	
MW-58	Barium, total	33.2	ug/l	4/25/2013	700	
MW-58	Beryllium, total *	0.1	ug/l	10/20/2010	4	
MW-58	Beryllium, total *	0.1	ug/l	4/21/2011	4	
MW-58	Beryllium, total *	0.2	ug/l	10/27/2011	4	
MW-58	Beryllium, total *	0.1	ug/l	4/12/2012	4	
MW-58	Beryllium, total *	0.1	ug/l	10/30/2012	4	
MW-58	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-58	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-58	Cadmium, total	0.1	ug/l	10/27/2011	2	
MW-58	Cadmium, total	1.0	ug/l	4/12/2012	2	
MW-58	Cadmium, total	0.1	ug/l	10/30/2012	2	
MW-58	Chromium, total	3.2	ug/l	10/20/2010	10	
MW-58	Chromium, total	1.3	ug/l	4/21/2011	10	
MW-58	**Chromium, total**	**16.0**	**ug/l**	**10/27/2011**	**10**	**6**
MW-58	Chromium, total	1.4	ug/l	4/12/2012	10	
MW-58	Chromium, total	1.6	ug/l	10/30/2012	10	
MW-58	Chromium, total	0.9	ug/l	4/25/2013	10	
MW-58	**Cobalt, total ***	**1.1**	**ug/l**	**10/20/2010**	**1**	**0.1**
MW-58	**Cobalt, total ***	**1.2**	**ug/l**	**4/21/2011**	**1**	**0.2**
MW-58	**Cobalt, total ***	**1.5**	**ug/l**	**10/27/2011**	**1**	**0.5**
MW-58	**Cobalt, total ***	**1.2**	**ug/l**	**4/12/2012**	**1**	**0.2**
MW-58	Cobalt, total *	0.5	ug/l	10/30/2012	1	
MW-58	Cobalt, total *	0.9	ug/l	4/25/2013	1	
MW-58	Copper, total	1.6	ug/l	10/20/2010	1000	
MW-58	Copper, total	1.8	ug/l	4/21/2011	1000	
MW-58	Copper, total	9.1	ug/l	10/27/2011	1000	
MW-58	Copper, total	2.0	ug/l	4/12/2012	1000	
MW-58	Copper, total	1.1	ug/l	10/30/2012	1000	
MW-58	Copper, total	1.1	ug/l	4/25/2013	1000	
MW-58	Lead, total	1.8	ug/l	10/20/2010	15	
MW-58	Lead, total	0.6	ug/l	4/21/2011	15	
MW-58	Lead, total	14.0	ug/l	10/27/2011	15	
MW-58	Lead, total	1.0	ug/l	4/12/2012	15	
MW-58	Lead, total	1.1	ug/l	10/30/2012	15	
MW-58	Lead, total	0.9	ug/l	4/25/2013	15	
MW-58	Nickel, total	1.1	ug/l	10/20/2010	100	
MW-58	Nickel, total	1.3	ug/l	4/21/2011	100	
MW-58	Nickel, total	3.5	ug/l	10/27/2011	100	
MW-58	Nickel, total	1.7	ug/l	4/12/2012	100	
MW-58	Nickel, total	1.3	ug/l	10/30/2012	100	
MW-58	Nickel, total	1.3	ug/l	4/25/2013	100	
MW-58	Selenium, total	0.3	ug/l	10/27/2011	20	
MW-58	Thallium, total *	0.1	ug/l	10/27/2011	0.28	
MW-58	**Vanadium ***	**4.5**	**ug/l**	**10/20/2010**	**0.3**	**4.2**
MW-58	**Vanadium ***	**1.7**	**ug/l**	**4/21/2011**	**0.3**	**1.4**
MW-58	**Vanadium ***	**18.4**	**ug/l**	**10/27/2011**	**0.3**	**18.1**
MW-58	**Vanadium ***	**2.8**	**ug/l**	**4/12/2012**	**0.3**	**2.5**
MW-58	**Vanadium ***	**2.6**	**ug/l**	**10/30/2012**	**0.3**	**2.3**
MW-58	**Vanadium ***	**3.5**	**ug/l**	**4/25/2013**	**0.3**	**3.2**
MW-58	Zinc	2.7	ug/l	10/20/2010	1000	
MW-58	Zinc	3.8	ug/l	4/21/2011	1000	
MW-58	Zinc	8.5	ug/l	10/27/2011	1000	
MW-58	Zinc	5.7	ug/l	4/12/2012	1000	
MW-58	Zinc	2.9	ug/l	10/30/2012	1000	
MW-58	Zinc	1.8	ug/l	4/25/2013	1000	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-59	Arsenic, total	1.6	ug/l	10/20/2010	10	
MW-59	Arsenic, total	1.2	ug/l	4/21/2011	10	
MW-59	Arsenic, total	6.2	ug/l	10/27/2011	10	
MW-59	Arsenic, total	1.6	ug/l	4/12/2012	10	
MW-59	Arsenic, total	3.0	ug/l	10/30/2012	10	
MW-59	Arsenic, total	2.4	ug/l	4/25/2013	10	
MW-59	Barium, total	104.0	ug/l	10/20/2010	700	
MW-59	Barium, total	75.1	ug/l	4/21/2011	700	
MW-59	Barium, total	96.3	ug/l	10/27/2011	700	
MW-59	Barium, total	64.2	ug/l	4/12/2012	700	
MW-59	Barium, total	52.6	ug/l	10/30/2012	700	
MW-59	Barium, total	63.5	ug/l	4/25/2013	700	
MW-59	Beryllium, total *	0.5	ug/l	10/20/2010	4	
MW-59	Beryllium, total *	1.0	ug/l	4/21/2011	4	
MW-59	Beryllium, total *	2.0	ug/l	10/27/2011	4	
MW-59	Beryllium, total *	0.8	ug/l	4/12/2012	4	
MW-59	Beryllium, total *	0.6	ug/l	10/30/2012	4	
MW-59	Beryllium, total *	0.7	ug/l	4/25/2013	4	
MW-59	Cadmium, total	0.2	ug/l	10/20/2010	2	
MW-59	Cadmium, total	0.2	ug/l	4/21/2011	2	
MW-59	Cadmium, total	0.2	ug/l	10/27/2011	2	
MW-59	Cadmium, total	0.1	ug/l	4/12/2012	2	
MW-59	Cadmium, total	0.2	ug/l	10/30/2012	2	
MW-59	Cadmium, total	0.1	ug/l	4/25/2013	2	
MW-59	Chromium, total	3.8	ug/l	10/20/2010	10	
MW-59	**Chromium, total**	**20.0**	**ug/l**	**4/21/2011**	**10**	**10**
MW-59	**Chromium, total**	**12.0**	**ug/l**	**10/27/2011**	**10**	**2**
MW-59	Chromium, total	0.9	ug/l	4/12/2012	10	
MW-59	Chromium, total	1.8	ug/l	10/30/2012	10	
MW-59	Chromium, total	1.2	ug/l	4/25/2013	10	
MW-59	**Cobalt, total ***	**5.2**	**ug/l**	**10/20/2010**	**1**	**4.2**
MW-59	**Cobalt, total ***	**2.9**	**ug/l**	**4/21/2011**	**1**	**1.9**
MW-59	**Cobalt, total ***	**2.9**	**ug/l**	**10/27/2011**	**1**	**1.9**
MW-59	**Cobalt, total ***	**2.6**	**ug/l**	**4/12/2012**	**1**	**1.6**
MW-59	**Cobalt, total ***	**3.0**	**ug/l**	**10/30/2012**	**1**	**2**
MW-59	**Cobalt, total ***	**2.6**	**ug/l**	**4/25/2013**	**1**	**1.6**
MW-59	Copper, total	10.0	ug/l	10/20/2010	1000	
MW-59	Copper, total	12.0	ug/l	4/21/2011	1000	
MW-59	Copper, total	34.0	ug/l	10/27/2011	1000	
MW-59	Copper, total	23.0	ug/l	4/12/2012	1000	
MW-59	Copper, total	14.0	ug/l	10/30/2012	1000	
MW-59	Copper, total	11.0	ug/l	4/25/2013	1000	
MW-59	Lead, total	6.1	ug/l	10/20/2010	15	
MW-59	Lead, total	4.8	ug/l	4/21/2011	15	
MW-59	**Lead, total**	**29.0**	**ug/l**	**10/27/2011**	**15**	**14**
MW-59	Lead, total	6.0	ug/l	4/12/2012	15	
MW-59	Lead, total	7.0	ug/l	10/30/2012	15	
MW-59	Lead, total	4.7	ug/l	4/25/2013	15	
MW-59	Nickel, total	5.7	ug/l	10/20/2010	100	
MW-59	Nickel, total	2.7	ug/l	4/21/2011	100	
MW-59	Nickel, total	3.3	ug/l	10/27/2011	100	
MW-59	Nickel, total	2.6	ug/l	4/12/2012	100	
MW-59	Nickel, total	2.3	ug/l	10/30/2012	100	
MW-59	Nickel, total	2.2	ug/l	4/25/2013	100	
MW-59	Selenium, total	0.5	ug/l	10/20/2010	20	
MW-59	Selenium, total	0.5	ug/l	4/21/2011	20	
MW-59	Selenium, total	1.4	ug/l	10/27/2011	20	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-59	Selenium, total	0.3	ug/l	10/30/2012	20	
MW-59	Selenium, total	0.5	ug/l	4/25/2013	20	
MW-59	Silver, total	0.1	ug/l	10/27/2011	20	
MW-59	Thallium, total *	0.1	ug/l	4/21/2011	0.28	
MW-59	Thallium, total *	0.1	ug/l	10/27/2011	0.28	
MW-59	**Vanadium ***	**11.4**	**ug/l**	**10/20/2010**	**0.3**	**11.1**
MW-59	**Vanadium ***	**7.3**	**ug/l**	**4/21/2011**	**0.3**	**7**
MW-59	**Vanadium ***	**35.0**	**ug/l**	**10/27/2011**	**0.3**	**34.7**
MW-59	**Vanadium ***	**3.7**	**ug/l**	**4/12/2012**	**0.3**	**3.4**
MW-59	**Vanadium ***	**6.4**	**ug/l**	**10/30/2012**	**0.3**	**6.1**
MW-59	**Vanadium ***	**6.8**	**ug/l**	**4/25/2013**	**0.3**	**6.5**
MW-59	Zinc	15.0	ug/l	10/20/2010	1000	
MW-59	Zinc	6.9	ug/l	4/21/2011	1000	
MW-59	Zinc	14.0	ug/l	10/27/2011	1000	
MW-59	Zinc	6.4	ug/l	4/12/2012	1000	
MW-59	Zinc	7.0	ug/l	10/30/2012	1000	
MW-59	Zinc	5.8	ug/l	4/25/2013	1000	
MW-6	Antimony, total *	0.2	ug/l	4/23/2008	1	
MW-6	Antimony, total *	0.1	ug/l	10/16/2008	1	
MW-6	Antimony, total *	0.1	ug/l	4/22/2009	1	
MW-6	Antimony, total *	0.1	ug/l	10/22/2009	1	
MW-6	Arsenic, total	5.0	ug/l	3/1/1995	10	
MW-6	Arsenic, total	2.2	ug/l	4/23/2008	10	
MW-6	Arsenic, total	1.0	ug/l	10/16/2008	10	
MW-6	Arsenic, total	1.6	ug/l	4/22/2009	10	
MW-6	Arsenic, total	0.8	ug/l	10/22/2009	10	
MW-6	Arsenic, total	1.7	ug/l	4/21/2010	10	
MW-6	Barium, total	68.0	ug/l	10/1/1994	700	
MW-6	Barium, total	96.0	ug/l	11/1/1994	700	
MW-6	Barium, total	141.0	ug/l	1/1/1995	700	
MW-6	Barium, total	62.0	ug/l	3/1/1995	700	
MW-6	Barium, total	84.0	ug/l	10/1/1997	700	
MW-6	Barium, total	100.0	ug/l	4/1/1998	700	
MW-6	Barium, total	100.0	ug/l	10/1/1998	700	
MW-6	Barium, total	148.0	ug/l	5/1/2007	700	
MW-6	Barium, total	103.0	ug/l	10/1/2007	700	
MW-6	Barium, total	140.0	ug/l	4/23/2008	700	
MW-6	Barium, total	136.0	ug/l	10/16/2008	700	
MW-6	Barium, total	118.0	ug/l	4/22/2009	700	
MW-6	Barium, total	97.0	ug/l	10/22/2009	700	
MW-6	Barium, total	153.0	ug/l	4/21/2010	700	
MW-6	Beryllium, total *	0.2	ug/l	4/23/2008	4	
MW-6	Beryllium, total *	0.3	ug/l	10/16/2008	4	
MW-6	Beryllium, total *	0.2	ug/l	4/22/2009	4	
MW-6	Beryllium, total *	0.2	ug/l	10/22/2009	4	
MW-6	Beryllium, total *	0.3	ug/l	4/21/2010	4	
MW-6	**Cadmium, total**	**5.0**	**ug/l**	**10/1/1994**	**2**	**3**
MW-6	**Cadmium, total**	**9.0**	**ug/l**	**11/1/1994**	**2**	**7**
MW-6	**Cadmium, total**	**4.0**	**ug/l**	**1/1/1995**	**2**	**2**
MW-6	Cadmium, total	0.8	ug/l	4/23/2008	2	
MW-6	Cadmium, total	0.5	ug/l	10/16/2008	2	
MW-6	Cadmium, total	0.4	ug/l	4/22/2009	2	
MW-6	Cadmium, total	0.3	ug/l	10/22/2009	2	
MW-6	Cadmium, total	1.4	ug/l	4/21/2010	2	
MW-6	Chromium, total	3.0	ug/l	10/1/1994	10	
MW-6	**Chromium, total**	**33.0**	**ug/l**	**11/1/1994**	**10**	**23**

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-6	Chromium, total	5.0	ug/l	3/1/1995	10	
MW-6	**Chromium, total**	**20.1**	**ug/l**	**4/1/1996**	**10**	**10.1**
MW-6	**Chromium, total**	**12.3**	**ug/l**	**4/1/1997**	**10**	**2.3**
MW-6	**Chromium, total**	**17.0**	**ug/l**	**4/1/2002**	**10**	**7**
MW-6	Chromium, total	0.2	ug/l	4/23/2008	10	
MW-6	Chromium, total	1.2	ug/l	10/16/2008	10	
MW-6	Chromium, total	1.2	ug/l	4/22/2009	10	
MW-6	Chromium, total	7.4	ug/l	4/21/2010	10	
MW-6	**Cobalt, total ***	**10.7**	**ug/l**	**4/1/1997**	**1**	**9.7**
MW-6	**Cobalt, total ***	**9.0**	**ug/l**	**10/1/1997**	**1**	**8**
MW-6	**Cobalt, total ***	**10.0**	**ug/l**	**3/1/1999**	**1**	**9**
MW-6	**Cobalt, total ***	**10.0**	**ug/l**	**4/1/2000**	**1**	**9**
MW-6	**Cobalt, total ***	**11.0**	**ug/l**	**4/1/2001**	**1**	**10**
MW-6	**Cobalt, total ***	**12.0**	**ug/l**	**10/1/2001**	**1**	**11**
MW-6	**Cobalt, total ***	**13.0**	**ug/l**	**4/1/2002**	**1**	**12**
MW-6	**Cobalt, total ***	**19.0**	**ug/l**	**4/1/2003**	**1**	**18**
MW-6	**Cobalt, total ***	**15.0**	**ug/l**	**10/1/2003**	**1**	**14**
MW-6	**Cobalt, total ***	**15.0**	**ug/l**	**4/1/2004**	**1**	**14**
MW-6	**Cobalt, total ***	**19.0**	**ug/l**	**10/1/2004**	**1**	**18**
MW-6	**Cobalt, total ***	**17.0**	**ug/l**	**4/1/2005**	**1**	**16**
MW-6	**Cobalt, total ***	**13.0**	**ug/l**	**10/1/2005**	**1**	**12**
MW-6	**Cobalt, total ***	**17.0**	**ug/l**	**4/1/2006**	**1**	**16**
MW-6	**Cobalt, total ***	**16.0**	**ug/l**	**10/1/2006**	**1**	**15**
MW-6	**Cobalt, total ***	**28.0**	**ug/l**	**5/1/2007**	**1**	**27**
MW-6	**Cobalt, total ***	**17.0**	**ug/l**	**10/1/2007**	**1**	**16**
MW-6	**Cobalt, total ***	**30.0**	**ug/l**	**4/23/2008**	**1**	**29**
MW-6	**Cobalt, total ***	**27.0**	**ug/l**	**10/16/2008**	**1**	**26**
MW-6	**Cobalt, total ***	**20.0**	**ug/l**	**4/22/2009**	**1**	**19**
MW-6	**Cobalt, total ***	**22.0**	**ug/l**	**10/22/2009**	**1**	**21**
MW-6	**Cobalt, total ***	**34.0**	**ug/l**	**4/21/2010**	**1**	**33**
MW-6	Copper, total	19.0	ug/l	11/1/1994	1000	
MW-6	Copper, total	10.0	ug/l	1/1/1995	1000	
MW-6	Copper, total	8.0	ug/l	3/1/1995	1000	
MW-6	Copper, total	20.0	ug/l	10/1/1997	1000	
MW-6	Copper, total	2.7	ug/l	4/23/2008	1000	
MW-6	Copper, total	3.5	ug/l	10/16/2008	1000	
MW-6	Copper, total	3.2	ug/l	4/22/2009	1000	
MW-6	Copper, total	1.5	ug/l	10/22/2009	1000	
MW-6	Copper, total	7.0	ug/l	4/21/2010	1000	
MW-6	Lead, total	9.0	ug/l	10/1/1994	15	
MW-6	**Lead, total**	**19.0**	**ug/l**	**11/1/1994**	**15**	**4**
MW-6	**Lead, total**	**33.0**	**ug/l**	**1/1/1995**	**15**	**18**
MW-6	Lead, total	7.0	ug/l	3/1/1995	15	
MW-6	**Lead, total**	**37.0**	**ug/l**	**9/1/1995**	**15**	**22**
MW-6	**Lead, total**	**19.2**	**ug/l**	**4/1/1996**	**15**	**4.2**
MW-6	Lead, total	10.5	ug/l	4/1/1997	15	
MW-6	Lead, total	7.0	ug/l	10/1/1997	15	
MW-6	Lead, total	2.0	ug/l	4/23/2008	15	
MW-6	Lead, total	7.2	ug/l	10/16/2008	15	
MW-6	Lead, total	9.3	ug/l	4/22/2009	15	
MW-6	Lead, total	5.8	ug/l	10/22/2009	15	
MW-6	**Lead, total**	**19.0**	**ug/l**	**4/21/2010**	**15**	**4**
MW-6	**Mercury**	**10.5**	**ug/l**	**4/1/1997**	**1**	**9.5**
MW-6	Mercury	0.4	ug/l	10/1/1997	1	
MW-6	Mercury	0.4	ug/l	4/1/1998	1	
MW-6	Mercury	0.4	ug/l	10/1/1998	1	
MW-6	**Mercury**	**2.0**	**ug/l**	**10/1/1999**	**1**	**1**

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-6	Mercury	0.6	ug/l	10/1/2002	1	
MW-6	Mercury	0.8	ug/l	10/1/2003	1	
MW-6	Mercury	0.1	ug/l	10/16/2008	1	
MW-6	Mercury	0.1	ug/l	10/22/2009	1	
MW-6	Nickel, total	5.0	ug/l	10/1/1994	100	
MW-6	Nickel, total	2.5	ug/l	4/23/2008	100	
MW-6	Nickel, total	1.5	ug/l	10/16/2008	100	
MW-6	Nickel, total	1.9	ug/l	4/22/2009	100	
MW-6	Nickel, total	1.4	ug/l	10/22/2009	100	
MW-6	Nickel, total	1.6	ug/l	4/21/2010	100	
MW-6	Selenium, total	1.0	ug/l	4/23/2008	20	
MW-6	Selenium, total	1.0	ug/l	10/16/2008	20	
MW-6	Selenium, total	1.3	ug/l	4/22/2009	20	
MW-6	Selenium, total	0.7	ug/l	10/22/2009	20	
MW-6	Selenium, total	0.4	ug/l	4/21/2010	20	
MW-6	Silver, total	0.1	ug/l	4/22/2009	20	
MW-6	Silver, total	0.1	ug/l	4/21/2010	20	
MW-6	Thallium, total *	0.1	ug/l	4/23/2008	0.28	
MW-6	Thallium, total *	0.1	ug/l	10/16/2008	0.28	
MW-6	Thallium, total *	0.2	ug/l	4/22/2009	0.28	
MW-6	Thallium, total *	0.1	ug/l	10/22/2009	0.28	
MW-6	Thallium, total *	0.2	ug/l	4/21/2010	0.28	
MW-6	Tin, dissolved *	10.5	ug/l	4/1/1997	2000	
MW-6	Tin, dissolved *	10.0	ug/l	10/1/1997	2000	
MW-6	Tin, dissolved *	0.7	ug/l	10/16/2008	2000	
MW-6	**Vanadium ***	**8.0**	**ug/l**	**10/1/1994**	**0.3**	**7.7**
MW-6	**Vanadium ***	**74.0**	**ug/l**	**11/1/1994**	**0.3**	**73.7**
MW-6	**Vanadium ***	**26.0**	**ug/l**	**1/1/1995**	**0.3**	**25.7**
MW-6	**Vanadium ***	**55.2**	**ug/l**	**4/1/1996**	**0.3**	**54.9**
MW-6	**Vanadium ***	**2.0**	**ug/l**	**4/23/2008**	**0.3**	**1.7**
MW-6	**Vanadium ***	**5.5**	**ug/l**	**10/16/2008**	**0.3**	**5.2**
MW-6	**Vanadium ***	**5.6**	**ug/l**	**4/22/2009**	**0.3**	**5.3**
MW-6	**Vanadium ***	**2.5**	**ug/l**	**10/22/2009**	**0.3**	**2.2**
MW-6	**Vanadium ***	**24.3**	**ug/l**	**4/21/2010**	**0.3**	**24**
MW-6	Zinc	38.0	ug/l	10/1/1994	1000	
MW-6	Zinc	47.0	ug/l	11/1/1994	1000	
MW-6	Zinc	29.0	ug/l	1/1/1995	1000	
MW-6	Zinc	18.0	ug/l	3/1/1995	1000	
MW-6	Zinc	17.0	ug/l	10/1/1997	1000	
MW-6	Zinc	91.5	ug/l	10/1/2004	1000	
MW-6	Zinc	15.0	ug/l	10/1/2007	1000	
MW-6	Zinc	16.0	ug/l	4/23/2008	1000	
MW-6	Zinc	8.7	ug/l	10/16/2008	1000	
MW-6	Zinc	9.7	ug/l	4/22/2009	1000	
MW-6	Zinc	7.2	ug/l	10/22/2009	1000	
MW-6	Zinc	10.0	ug/l	4/21/2010	1000	
MW-6B	Antimony, total *	0.1	ug/l	4/25/2013	1	
MW-6B	Arsenic, total	0.5	ug/l	10/20/2010	10	
MW-6B	Arsenic, total	0.5	ug/l	4/21/2011	10	
MW-6B	Arsenic, total	1.0	ug/l	10/27/2011	10	
MW-6B	Arsenic, total	1.5	ug/l	4/12/2012	10	
MW-6B	Arsenic, total	1.0	ug/l	10/30/2012	10	
MW-6B	Arsenic, total	1.0	ug/l	4/25/2013	10	
MW-6B	Barium, total	136.0	ug/l	10/20/2010	700	
MW-6B	Barium, total	198.0	ug/l	4/21/2011	700	
MW-6B	Barium, total	145.0	ug/l	10/27/2011	700	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-6B	Barium, total	220.0	ug/l	4/12/2012	700	
MW-6B	Barium, total	199.0	ug/l	10/30/2012	700	
MW-6B	Barium, total	202.0	ug/l	4/25/2013	700	
MW-6B	Beryllium, total *	0.1	ug/l	10/20/2010	4	
MW-6B	Beryllium, total *	0.1	ug/l	4/21/2011	4	
MW-6B	Beryllium, total *	0.1	ug/l	10/27/2011	4	
MW-6B	Beryllium, total *	0.1	ug/l	4/12/2012	4	
MW-6B	Beryllium, total *	0.1	ug/l	4/25/2013	4	
MW-6B	Cadmium, total	0.2	ug/l	10/20/2010	2	
MW-6B	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-6B	Cadmium, total	0.2	ug/l	10/27/2011	2	
MW-6B	Cadmium, total	0.1	ug/l	4/12/2012	2	
MW-6B	Cadmium, total	0.1	ug/l	10/30/2012	2	
MW-6B	Cadmium, total	0.1	ug/l	4/25/2013	2	
MW-6B	Chromium, total	1.6	ug/l	10/20/2010	10	
MW-6B	Chromium, total	1.6	ug/l	4/21/2011	10	
MW-6B	Chromium, total	2.9	ug/l	10/27/2011	10	
MW-6B	Chromium, total	1.2	ug/l	4/12/2012	10	
MW-6B	Chromium, total	1.6	ug/l	10/30/2012	10	
MW-6B	Chromium, total	0.9	ug/l	4/25/2013	10	
MW-6B	**Cobalt, total ***	**29.0**	**ug/l**	**10/20/2010**	**1**	**28**
MW-6B	**Cobalt, total ***	**60.0**	**ug/l**	**4/21/2011**	**1**	**59**
MW-6B	**Cobalt, total ***	**39.0**	**ug/l**	**10/27/2011**	**1**	**38**
MW-6B	**Cobalt, total ***	**46.0**	**ug/l**	**4/12/2012**	**1**	**45**
MW-6B	**Cobalt, total ***	**68.0**	**ug/l**	**10/30/2012**	**1**	**67**
MW-6B	**Cobalt, total ***	**72.0**	**ug/l**	**4/25/2013**	**1**	**71**
MW-6B	Copper, total	2.0	ug/l	10/20/2010	1000	
MW-6B	Copper, total	2.7	ug/l	4/21/2011	1000	
MW-6B	Copper, total	3.3	ug/l	10/27/2011	1000	
MW-6B	Copper, total	5.0	ug/l	4/12/2012	1000	
MW-6B	Copper, total	2.3	ug/l	10/30/2012	1000	
MW-6B	Copper, total	1.3	ug/l	4/25/2013	1000	
MW-6B	Lead, total	2.1	ug/l	10/20/2010	15	
MW-6B	Lead, total	2.0	ug/l	4/21/2011	15	
MW-6B	Lead, total	3.4	ug/l	10/27/2011	15	
MW-6B	Lead, total	3.0	ug/l	4/12/2012	15	
MW-6B	Lead, total	4.2	ug/l	10/30/2012	15	
MW-6B	Lead, total	1.8	ug/l	4/25/2013	15	
MW-6B	Mercury	0.8	ug/l	10/20/2010	1	
MW-6B	Nickel, total	2.2	ug/l	10/20/2010	100	
MW-6B	Nickel, total	1.7	ug/l	4/21/2011	100	
MW-6B	Nickel, total	2.2	ug/l	10/27/2011	100	
MW-6B	Nickel, total	1.7	ug/l	4/12/2012	100	
MW-6B	Nickel, total	2.7	ug/l	10/30/2012	100	
MW-6B	Nickel, total	1.8	ug/l	4/25/2013	100	
MW-6B	Selenium, total	0.4	ug/l	10/20/2010	20	
MW-6B	Selenium, total	0.4	ug/l	10/27/2011	20	
MW-6B	Selenium, total	0.4	ug/l	4/12/2012	20	
MW-6B	Selenium, total	0.2	ug/l	4/25/2013	20	
MW-6B	Thallium, total *	0.2	ug/l	10/20/2010	0.28	
MW-6B	Thallium, total *	0.2	ug/l	4/21/2011	0.28	
MW-6B	**Thallium, total ***	**0.4**	**ug/l**	**10/27/2011**	**0.28**	**0.07**
MW-6B	**Thallium, total ***	**0.5**	**ug/l**	**4/12/2012**	**0.28**	**0.22**
MW-6B	**Thallium, total ***	**0.9**	**ug/l**	**10/30/2012**	**0.28**	**0.64**
MW-6B	**Thallium, total ***	**1.0**	**ug/l**	**4/25/2013**	**0.28**	**0.72**
MW-6B	Tin, dissolved *	0.5	ug/l	10/20/2010	2000	
MW-6B	Tin, dissolved *	0.4	ug/l	10/27/2011	2000	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-6B	Tin, dissolved *	0.3	ug/l	10/30/2012	2000	
MW-6B	**Vanadium ***	**6.9**	**ug/l**	**10/20/2010**	**0.3**	**6.6**
MW-6B	**Vanadium ***	**5.8**	**ug/l**	**4/21/2011**	**0.3**	**5.5**
MW-6B	**Vanadium ***	**10.9**	**ug/l**	**10/27/2011**	**0.3**	**10.6**
MW-6B	**Vanadium ***	**4.3**	**ug/l**	**4/12/2012**	**0.3**	**4**
MW-6B	**Vanadium ***	**6.0**	**ug/l**	**10/30/2012**	**0.3**	**5.7**
MW-6B	**Vanadium ***	**3.8**	**ug/l**	**4/25/2013**	**0.3**	**3.5**
MW-6B	Zinc	6.2	ug/l	10/20/2010	1000	
MW-6B	Zinc	5.5	ug/l	4/21/2011	1000	
MW-6B	Zinc	6.2	ug/l	10/27/2011	1000	
MW-6B	Zinc	4.3	ug/l	4/12/2012	1000	
MW-6B	Zinc	5.7	ug/l	10/30/2012	1000	
MW-6B	Zinc	2.2	ug/l	4/25/2013	1000	
MW-7	Barium, total	8.9	ug/l	10/1/1994	700	
MW-7	Barium, total	2.0	ug/l	3/1/1995	700	
MW-7	Beryllium, total *	1.0	ug/l	3/1/1995	4	
MW-7	Cadmium, total	1.3	ug/l	10/1/1994	2	
MW-7	Cadmium, total	1.0	ug/l	3/1/1995	2	
MW-7	**Chromium, total**	**30.0**	**ug/l**	**10/1/1994**	**10**	**20**
MW-7	**Chromium, total**	**40.0**	**ug/l**	**3/1/1995**	**10**	**30**
MW-7	**Cobalt, total ***	**14.6**	**ug/l**	**10/1/1994**	**1**	**13.6**
MW-7	**Cobalt, total ***	**13.0**	**ug/l**	**3/1/1995**	**1**	**12**
MW-7	Copper, total	33.4	ug/l	10/1/1994	1000	
MW-7	Copper, total	36.0	ug/l	3/1/1995	1000	
MW-7	**Lead, total**	**51.9**	**ug/l**	**10/1/1994**	**15**	**36.9**
MW-7	**Lead, total**	**44.0**	**ug/l**	**3/1/1995**	**15**	**29**
MW-7	Nickel, total	20.0	ug/l	10/1/1994	100	
MW-7	**Vanadium ***	**19.7**	**ug/l**	**10/1/1994**	**0.3**	**19.4**
MW-7	**Vanadium ***	**6.0**	**ug/l**	**3/1/1995**	**0.3**	**5.7**
MW-7	Zinc	51.0	ug/l	10/1/1994	1000	
MW-7	Zinc	65.0	ug/l	3/1/1995	1000	
MW-7B	Antimony, total *	0.3	ug/l	4/23/2008	1	
MW-7B	Antimony, total *	0.7	ug/l	10/16/2008	1	
MW-7B	Antimony, total *	0.1	ug/l	4/22/2009	1	
MW-7B	Antimony, total *	0.1	ug/l	10/22/2009	1	
MW-7B	Antimony, total *	0.3	ug/l	4/12/2012	1	
MW-7B	Antimony, total *	0.3	ug/l	4/25/2013	1	
MW-7B	Arsenic, total	0.2	ug/l	4/23/2008	10	
MW-7B	Arsenic, total	1.8	ug/l	10/16/2008	10	
MW-7B	Arsenic, total	2.9	ug/l	4/22/2009	10	
MW-7B	Arsenic, total	1.0	ug/l	10/22/2009	10	
MW-7B	Arsenic, total	0.5	ug/l	4/21/2010	10	
MW-7B	Arsenic, total	0.6	ug/l	10/20/2010	10	
MW-7B	Arsenic, total	0.9	ug/l	4/21/2011	10	
MW-7B	Arsenic, total	0.5	ug/l	10/27/2011	10	
MW-7B	Arsenic, total	1.1	ug/l	4/12/2012	10	
MW-7B	Arsenic, total	0.6	ug/l	10/30/2012	10	
MW-7B	Arsenic, total	1.0	ug/l	4/25/2013	10	
MW-7B	Barium, total	55.0	ug/l	9/1/1995	700	
MW-7B	Barium, total	30.0	ug/l	4/1/1998	700	
MW-7B	Barium, total	90.0	ug/l	3/1/1999	700	
MW-7B	Barium, total	50.0	ug/l	4/1/2000	700	
MW-7B	Barium, total	34.1	ug/l	5/1/2007	700	
MW-7B	Barium, total	34.5	ug/l	10/1/2007	700	
MW-7B	Barium, total	26.8	ug/l	4/1/2008	700	
MW-7B	Barium, total	26.8	ug/l	4/23/2008	700	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-7B	Barium, total	64.0	ug/l	10/16/2008	700	
MW-7B	Barium, total	62.6	ug/l	4/22/2009	700	
MW-7B	Barium, total	45.3	ug/l	10/22/2009	700	
MW-7B	Barium, total	36.4	ug/l	4/21/2010	700	
MW-7B	Barium, total	26.0	ug/l	10/20/2010	700	
MW-7B	Barium, total	26.5	ug/l	4/21/2011	700	
MW-7B	Barium, total	31.8	ug/l	10/27/2011	700	
MW-7B	Barium, total	29.3	ug/l	4/12/2012	700	
MW-7B	Barium, total	35.4	ug/l	10/30/2012	700	
MW-7B	Barium, total	20.4	ug/l	4/25/2013	700	
MW-7B	Beryllium, total *	3.0	ug/l	9/1/1995	4	
MW-7B	Beryllium, total *	2.7	ug/l	4/1/1997	4	
MW-7B	Beryllium, total *	4.0	ug/l	3/1/1999	4	
MW-7B	Beryllium, total *	0.3	ug/l	4/23/2008	4	
MW-7B	Beryllium, total *	0.1	ug/l	10/16/2008	4	
MW-7B	Beryllium, total *	0.1	ug/l	4/22/2009	4	
MW-7B	Beryllium, total *	0.3	ug/l	10/22/2009	4	
MW-7B	Beryllium, total *	0.2	ug/l	4/21/2010	4	
MW-7B	Beryllium, total *	0.1	ug/l	10/20/2010	4	
MW-7B	Beryllium, total *	0.1	ug/l	4/21/2011	4	
MW-7B	Beryllium, total *	0.2	ug/l	10/27/2011	4	
MW-7B	Beryllium, total *	0.2	ug/l	4/12/2012	4	
MW-7B	Beryllium, total *	0.1	ug/l	10/30/2012	4	
MW-7B	Beryllium, total *	0.1	ug/l	4/25/2013	4	
MW-7B	**Cadmium, total**	**4.0**	**ug/l**	**9/1/1995**	**2**	**2**
MW-7B	**Cadmium, total**	**4.5**	**ug/l**	**4/1/1997**	**2**	**2.46**
MW-7B	Cadmium, total	0.2	ug/l	4/23/2008	2	
MW-7B	Cadmium, total	0.1	ug/l	10/16/2008	2	
MW-7B	Cadmium, total	0.1	ug/l	4/22/2009	2	
MW-7B	Cadmium, total	0.1	ug/l	10/22/2009	2	
MW-7B	Cadmium, total	0.2	ug/l	4/21/2010	2	
MW-7B	Cadmium, total	1.0	ug/l	10/20/2010	2	
MW-7B	Cadmium, total	0.7	ug/l	4/21/2011	2	
MW-7B	Cadmium, total	0.2	ug/l	10/27/2011	2	
MW-7B	Cadmium, total	0.5	ug/l	4/12/2012	2	
MW-7B	Cadmium, total	0.1	ug/l	10/30/2012	2	
MW-7B	Cadmium, total	0.5	ug/l	4/25/2013	2	
MW-7B	**Chromium, total**	**90.0**	**ug/l**	**9/1/1995**	**10**	**80**
MW-7B	**Chromium, total**	**19.9**	**ug/l**	**4/1/1996**	**10**	**9.9**
MW-7B	**Chromium, total**	**20.7**	**ug/l**	**10/1/1996**	**10**	**10.7**
MW-7B	**Chromium, total**	**71.1**	**ug/l**	**4/1/1997**	**10**	**61.1**
MW-7B	**Chromium, total**	**11.0**	**ug/l**	**10/1/1997**	**10**	**1**
MW-7B	Chromium, total	10.0	ug/l	4/1/1998	10	
MW-7B	**Chromium, total**	**90.0**	**ug/l**	**3/1/1999**	**10**	**80**
MW-7B	Chromium, total	10.0	ug/l	10/1/1999	10	
MW-7B	**Chromium, total**	**14.0**	**ug/l**	**10/1/2000**	**10**	**4**
MW-7B	**Chromium, total**	**13.0**	**ug/l**	**4/1/2002**	**10**	**3**
MW-7B	Chromium, total	1.9	ug/l	10/22/2009	10	
MW-7B	Chromium, total	0.6	ug/l	4/21/2010	10	
MW-7B	Chromium, total	0.3	ug/l	4/21/2011	10	
MW-7B	Chromium, total	0.7	ug/l	4/12/2012	10	
MW-7B	Chromium, total	0.1	ug/l	4/25/2013	10	
MW-7B	**Cobalt, total ***	**40.0**	**ug/l**	**9/1/1995**	**1**	**39**
MW-7B	**Cobalt, total ***	**12.1**	**ug/l**	**4/1/1996**	**1**	**11.1**
MW-7B	**Cobalt, total ***	**18.2**	**ug/l**	**4/1/1997**	**1**	**17.2**
MW-7B	**Cobalt, total ***	**11.0**	**ug/l**	**10/1/1997**	**1**	**10**
MW-7B	**Cobalt, total ***	**70.0**	**ug/l**	**3/1/1999**	**1**	**69**

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-7B	**Cobalt, total ***	**20.0**	**ug/l**	**10/1/1999**	**1**	**19**
MW-7B	**Cobalt, total ***	**19.0**	**ug/l**	**10/1/2000**	**1**	**18**
MW-7B	**Cobalt, total ***	**20.0**	**ug/l**	**4/1/2001**	**1**	**19**
MW-7B	**Cobalt, total ***	**14.0**	**ug/l**	**10/1/2001**	**1**	**13**
MW-7B	**Cobalt, total ***	**24.0**	**ug/l**	**10/1/2002**	**1**	**23**
MW-7B	**Cobalt, total ***	**17.0**	**ug/l**	**4/1/2003**	**1**	**16**
MW-7B	**Cobalt, total ***	**25.0**	**ug/l**	**10/1/2003**	**1**	**24**
MW-7B	**Cobalt, total ***	**22.0**	**ug/l**	**4/1/2004**	**1**	**21**
MW-7B	**Cobalt, total ***	**19.0**	**ug/l**	**10/1/2004**	**1**	**18**
MW-7B	**Cobalt, total ***	**15.0**	**ug/l**	**4/1/2005**	**1**	**14**
MW-7B	**Cobalt, total ***	**22.0**	**ug/l**	**10/1/2005**	**1**	**21**
MW-7B	**Cobalt, total ***	**32.0**	**ug/l**	**4/1/2006**	**1**	**31**
MW-7B	**Cobalt, total ***	**31.0**	**ug/l**	**10/1/2006**	**1**	**30**
MW-7B	**Cobalt, total ***	**25.0**	**ug/l**	**5/1/2007**	**1**	**24**
MW-7B	**Cobalt, total ***	**26.0**	**ug/l**	**10/1/2007**	**1**	**25**
MW-7B	**Cobalt, total ***	**31.0**	**ug/l**	**4/1/2008**	**1**	**30**
MW-7B	**Cobalt, total ***	**31.0**	**ug/l**	**4/23/2008**	**1**	**30**
MW-7B	**Cobalt, total ***	**36.0**	**ug/l**	**10/16/2008**	**1**	**35**
MW-7B	**Cobalt, total ***	**24.0**	**ug/l**	**4/22/2009**	**1**	**23**
MW-7B	**Cobalt, total ***	**29.0**	**ug/l**	**10/22/2009**	**1**	**28**
MW-7B	**Cobalt, total ***	**21.0**	**ug/l**	**4/21/2010**	**1**	**20**
MW-7B	**Cobalt, total ***	**9.6**	**ug/l**	**10/20/2010**	**1**	**8.6**
MW-7B	**Cobalt, total ***	**12.0**	**ug/l**	**4/21/2011**	**1**	**11**
MW-7B	**Cobalt, total ***	**28.0**	**ug/l**	**10/27/2011**	**1**	**27**
MW-7B	**Cobalt, total ***	**13.0**	**ug/l**	**4/12/2012**	**1**	**12**
MW-7B	**Cobalt, total ***	**27.0**	**ug/l**	**10/30/2012**	**1**	**26**
MW-7B	**Cobalt, total ***	**8.2**	**ug/l**	**4/25/2013**	**1**	**7.2**
MW-7B	Copper, total	13.0	ug/l	10/1/1997	1000	
MW-7B	Copper, total	80.0	ug/l	3/1/1999	1000	
MW-7B	Copper, total	1.7	ug/l	4/23/2008	1000	
MW-7B	Copper, total	2.0	ug/l	10/16/2008	1000	
MW-7B	Copper, total	4.1	ug/l	4/22/2009	1000	
MW-7B	Copper, total	3.1	ug/l	10/22/2009	1000	
MW-7B	Copper, total	2.1	ug/l	4/21/2010	1000	
MW-7B	Copper, total	1.2	ug/l	10/20/2010	1000	
MW-7B	Copper, total	2.0	ug/l	4/21/2011	1000	
MW-7B	Copper, total	2.5	ug/l	10/27/2011	1000	
MW-7B	Copper, total	3.0	ug/l	4/12/2012	1000	
MW-7B	Copper, total	2.7	ug/l	10/30/2012	1000	
MW-7B	Copper, total	1.9	ug/l	4/25/2013	1000	
MW-7B	**Lead, total**	**36.0**	**ug/l**	**9/1/1995**	**15**	**21**
MW-7B	**Lead, total**	**19.6**	**ug/l**	**4/1/1996**	**15**	**4.6**
MW-7B	**Lead, total**	**87.2**	**ug/l**	**10/1/1996**	**15**	**72.2**
MW-7B	**Lead, total**	**26.4**	**ug/l**	**4/1/1997**	**15**	**11.4**
MW-7B	**Lead, total**	**62.0**	**ug/l**	**10/1/1997**	**15**	**47**
MW-7B	**Lead, total**	**70.0**	**ug/l**	**4/1/1998**	**15**	**55**
MW-7B	**Lead, total**	**71.0**	**ug/l**	**3/1/1999**	**15**	**56**
MW-7B	**Lead, total**	**50.0**	**ug/l**	**10/1/1999**	**15**	**35**
MW-7B	**Lead, total**	**100.0**	**ug/l**	**4/1/2000**	**15**	**85**
MW-7B	**Lead, total**	**36.0**	**ug/l**	**10/1/2000**	**15**	**21**
MW-7B	**Lead, total**	**17.0**	**ug/l**	**10/1/2001**	**15**	**2**
MW-7B	**Lead, total**	**20.0**	**ug/l**	**4/1/2002**	**15**	**5**
MW-7B	**Lead, total**	**35.0**	**ug/l**	**10/1/2003**	**15**	**20**
MW-7B	**Lead, total**	**18.0**	**ug/l**	**10/1/2004**	**15**	**3**
MW-7B	**Lead, total**	**27.0**	**ug/l**	**4/1/2005**	**15**	**12**
MW-7B	**Lead, total**	**19.0**	**ug/l**	**10/1/2005**	**15**	**4**
MW-7B	Lead, total	10.0	ug/l	4/1/2006	15	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-7B	Lead, total	15.0	ug/l	10/1/2006	15	
MW-7B	Lead, total	14.0	ug/l	5/1/2007	15	
MW-7B	**Lead, total**	**31.0**	**ug/l**	**10/1/2007**	**15**	**16**
MW-7B	Lead, total	9.9	ug/l	4/23/2008	15	
MW-7B	**Lead, total**	**19.0**	**ug/l**	**10/16/2008**	**15**	**4**
MW-7B	Lead, total	15.0	ug/l	4/22/2009	15	
MW-7B	**Lead, total**	**61.0**	**ug/l**	**10/22/2009**	**15**	**46**
MW-7B	**Lead, total**	**23.0**	**ug/l**	**4/21/2010**	**15**	**8**
MW-7B	**Lead, total**	**17.0**	**ug/l**	**10/20/2010**	**15**	**2**
MW-7B	Lead, total	13.0	ug/l	4/21/2011	15	
MW-7B	**Lead, total**	**34.0**	**ug/l**	**10/27/2011**	**15**	**19**
MW-7B	**Lead, total**	**52.0**	**ug/l**	**4/12/2012**	**15**	**37**
MW-7B	**Lead, total**	**41.0**	**ug/l**	**10/30/2012**	**15**	**26**
MW-7B	Lead, total	9.7	ug/l	4/25/2013	15	
MW-7B	Mercury	0.6	ug/l	10/1/1997	1	
MW-7B	Mercury	1.0	ug/l	10/1/1999	1	
MW-7B	Mercury	1.0	ug/l	10/1/2001	1	
MW-7B	**Mercury**	**2.7**	**ug/l**	**10/1/2002**	**1**	**1.7**
MW-7B	**Mercury**	**1.4**	**ug/l**	**10/1/2003**	**1**	**0.42**
MW-7B	**Mercury**	**1.1**	**ug/l**	**10/1/2004**	**1**	**0.1**
MW-7B	**Mercury**	**1.5**	**ug/l**	**10/1/2005**	**1**	**0.5**
MW-7B	**Mercury**	**4.6**	**ug/l**	**10/1/2006**	**1**	**3.6**
MW-7B	**Mercury**	**2.6**	**ug/l**	**10/1/2007**	**1**	**1.6**
MW-7B	Mercury	0.4	ug/l	10/16/2008	1	
MW-7B	Mercury	0.6	ug/l	10/22/2009	1	
MW-7B	Mercury	0.3	ug/l	10/20/2010	1	
MW-7B	Mercury	0.3	ug/l	10/27/2011	1	
MW-7B	Mercury	0.2	ug/l	10/30/2012	1	
MW-7B	Nickel, total	1.9	ug/l	4/23/2008	100	
MW-7B	Nickel, total	1.6	ug/l	10/16/2008	100	
MW-7B	Nickel, total	2.0	ug/l	4/22/2009	100	
MW-7B	Nickel, total	1.6	ug/l	10/22/2009	100	
MW-7B	Nickel, total	1.7	ug/l	4/21/2010	100	
MW-7B	Nickel, total	1.2	ug/l	10/20/2010	100	
MW-7B	Nickel, total	1.4	ug/l	4/21/2011	100	
MW-7B	Nickel, total	1.7	ug/l	10/27/2011	100	
MW-7B	Nickel, total	1.7	ug/l	4/12/2012	100	
MW-7B	Nickel, total	21.0	ug/l	10/30/2012	100	
MW-7B	Nickel, total	2.3	ug/l	4/25/2013	100	
MW-7B	Selenium, total	0.5	ug/l	4/23/2008	20	
MW-7B	Selenium, total	0.3	ug/l	10/16/2008	20	
MW-7B	Selenium, total	0.3	ug/l	4/22/2009	20	
MW-7B	Selenium, total	0.4	ug/l	10/22/2009	20	
MW-7B	Selenium, total	1.2	ug/l	10/20/2010	20	
MW-7B	Selenium, total	0.5	ug/l	4/21/2011	20	
MW-7B	Selenium, total	0.6	ug/l	4/12/2012	20	
MW-7B	Selenium, total	0.2	ug/l	10/30/2012	20	
MW-7B	Selenium, total	0.4	ug/l	4/25/2013	20	
MW-7B	Silver, total	0.1	ug/l	4/23/2008	20	
MW-7B	Silver, total	0.1	ug/l	10/16/2008	20	
MW-7B	Silver, total	0.1	ug/l	4/22/2009	20	
MW-7B	**Thallium, total ***	**0.4**	**ug/l**	**4/23/2008**	**0.28**	**0.12**
MW-7B	**Thallium, total ***	**2.8**	**ug/l**	**10/16/2008**	**0.28**	**2.52**
MW-7B	**Thallium, total ***	**2.2**	**ug/l**	**4/22/2009**	**0.28**	**1.92**
MW-7B	**Thallium, total ***	**1.1**	**ug/l**	**10/22/2009**	**0.28**	**0.82**
MW-7B	**Thallium, total ***	**0.8**	**ug/l**	**4/21/2010**	**0.28**	**0.52**
MW-7B	**Thallium, total ***	**0.5**	**ug/l**	**10/20/2010**	**0.28**	**0.22**

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-7B	**Thallium, total ***	**0.8**	**ug/l**	**4/21/2011**	**0.28**	**0.53**
MW-7B	**Thallium, total ***	**1.0**	**ug/l**	**10/27/2011**	**0.28**	**0.72**
MW-7B	**Thallium, total ***	**0.8**	**ug/l**	**4/12/2012**	**0.28**	**0.48**
MW-7B	**Thallium, total ***	**1.2**	**ug/l**	**10/30/2012**	**0.28**	**0.92**
MW-7B	**Thallium, total ***	**0.4**	**ug/l**	**4/25/2013**	**0.28**	**0.16**
MW-7B	Tin, dissolved *	1.8	ug/l	10/1/2002	2000	
MW-7B	Tin, dissolved *	0.9	ug/l	10/16/2008	2000	
MW-7B	Tin, dissolved *	0.1	ug/l	10/20/2010	2000	
MW-7B	Tin, dissolved *	0.3	ug/l	10/27/2011	2000	
MW-7B	Tin, dissolved *	0.6	ug/l	10/30/2012	2000	
MW-7B	**Vanadium ***	**6.0**	**ug/l**	**9/1/1995**	**0.3**	**5.7**
MW-7B	**Vanadium ***	**6.4**	**ug/l**	**4/1/1996**	**0.3**	**6.05**
MW-7B	**Vanadium ***	**5.4**	**ug/l**	**10/1/1996**	**0.3**	**5.12**
MW-7B	**Vanadium ***	**1.7**	**ug/l**	**4/1/1997**	**0.3**	**1.4**
MW-7B	**Vanadium ***	**2.1**	**ug/l**	**3/1/1999**	**0.3**	**1.8**
MW-7B	Vanadium *	0.3	ug/l	4/23/2008	0.3	
MW-7B	**Vanadium ***	**0.4**	**ug/l**	**10/16/2008**	**0.3**	**0.1**
MW-7B	**Vanadium ***	**1.4**	**ug/l**	**4/22/2009**	**0.3**	**1.1**
MW-7B	**Vanadium ***	**10.7**	**ug/l**	**10/22/2009**	**0.3**	**10.4**
MW-7B	**Vanadium ***	**1.6**	**ug/l**	**4/21/2010**	**0.3**	**1.3**
MW-7B	**Vanadium ***	**1.5**	**ug/l**	**10/20/2010**	**0.3**	**1.2**
MW-7B	**Vanadium ***	**0.5**	**ug/l**	**4/21/2011**	**0.3**	**0.17**
MW-7B	**Vanadium ***	**0.9**	**ug/l**	**10/27/2011**	**0.3**	**0.55**
MW-7B	**Vanadium ***	**2.1**	**ug/l**	**4/12/2012**	**0.3**	**1.8**
MW-7B	**Vanadium ***	**0.9**	**ug/l**	**10/30/2012**	**0.3**	**0.58**
MW-7B	**Vanadium ***	**1.3**	**ug/l**	**4/25/2013**	**0.3**	**1**
MW-7B	Zinc	65.0	ug/l	9/1/1995	1000	
MW-7B	Zinc	26.0	ug/l	10/1/1997	1000	
MW-7B	Zinc	15.0	ug/l	3/1/1999	1000	
MW-7B	Zinc	50.0	ug/l	10/1/1999	1000	
MW-7B	Zinc	3.6	ug/l	4/23/2008	1000	
MW-7B	Zinc	3.5	ug/l	10/16/2008	1000	
MW-7B	Zinc	4.4	ug/l	4/22/2009	1000	
MW-7B	Zinc	3.1	ug/l	10/22/2009	1000	
MW-7B	Zinc	4.6	ug/l	4/21/2010	1000	
MW-7B	Zinc	3.6	ug/l	10/20/2010	1000	
MW-7B	Zinc	4.9	ug/l	4/21/2011	1000	
MW-7B	Zinc	4.6	ug/l	10/27/2011	1000	
MW-7B	Zinc	4.2	ug/l	4/12/2012	1000	
MW-7B	Zinc	6.2	ug/l	10/30/2012	1000	
MW-7B	Zinc	9.8	ug/l	4/25/2013	1000	
MW-8	Antimony, total *	0.1	ug/l	4/25/2013	1	
MW-8	Arsenic, total	0.2	ug/l	10/16/2008	10	
MW-8	Arsenic, total	0.2	ug/l	4/22/2009	10	
MW-8	Arsenic, total	0.4	ug/l	4/21/2011	10	
MW-8	Arsenic, total	0.2	ug/l	4/12/2012	10	
MW-8	Arsenic, total	0.2	ug/l	4/25/2013	10	
MW-8	Barium, total	43.0	ug/l	10/1/1994	700	
MW-8	Barium, total	50.0	ug/l	11/1/1994	700	
MW-8	Barium, total	25.0	ug/l	1/1/1995	700	
MW-8	Barium, total	32.0	ug/l	3/1/1995	700	
MW-8	Barium, total	37.0	ug/l	10/1/1997	700	
MW-8	Barium, total	80.0	ug/l	4/1/2000	700	
MW-8	Barium, total	115.0	ug/l	4/1/2008	700	
MW-8	Barium, total	115.0	ug/l	4/23/2008	700	
MW-8	Barium, total	108.0	ug/l	10/16/2008	700	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-8	Barium, total	123.0	ug/l	4/22/2009	700	
MW-8	Barium, total	92.0	ug/l	10/22/2009	700	
MW-8	Barium, total	115.0	ug/l	4/21/2010	700	
MW-8	Barium, total	92.8	ug/l	10/20/2010	700	
MW-8	Barium, total	113.0	ug/l	4/21/2011	700	
MW-8	Barium, total	94.8	ug/l	10/27/2011	700	
MW-8	Barium, total	95.7	ug/l	4/12/2012	700	
MW-8	Barium, total	85.0	ug/l	10/30/2012	700	
MW-8	Barium, total	106.0	ug/l	4/25/2013	700	
MW-8	**Beryllium, total ***	**4.0**	**ug/l**	**4/1/1997**	**4**	**0.02**
MW-8	**Beryllium, total ***	**7.0**	**ug/l**	**10/1/1999**	**4**	**3**
MW-8	Beryllium, total *	0.8	ug/l	4/23/2008	4	
MW-8	Beryllium, total *	0.7	ug/l	10/16/2008	4	
MW-8	Beryllium, total *	0.8	ug/l	4/22/2009	4	
MW-8	Beryllium, total *	0.7	ug/l	10/22/2009	4	
MW-8	Beryllium, total *	0.7	ug/l	4/21/2010	4	
MW-8	Beryllium, total *	0.6	ug/l	10/20/2010	4	
MW-8	Beryllium, total *	0.7	ug/l	4/21/2011	4	
MW-8	Beryllium, total *	0.7	ug/l	10/27/2011	4	
MW-8	Beryllium, total *	0.6	ug/l	4/12/2012	4	
MW-8	Beryllium, total *	0.6	ug/l	10/30/2012	4	
MW-8	Beryllium, total *	0.6	ug/l	4/25/2013	4	
MW-8	Cadmium, total	2.0	ug/l	11/1/1994	2	
MW-8	Cadmium, total	1.0	ug/l	1/1/1995	2	
MW-8	Cadmium, total	2.0	ug/l	4/1/1997	2	
MW-8	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-8	Cadmium, total	0.3	ug/l	10/16/2008	2	
MW-8	Cadmium, total	0.2	ug/l	4/22/2009	2	
MW-8	Cadmium, total	0.1	ug/l	10/22/2009	2	
MW-8	Cadmium, total	0.2	ug/l	4/21/2010	2	
MW-8	Cadmium, total	0.1	ug/l	10/20/2010	2	
MW-8	Cadmium, total	0.1	ug/l	4/21/2011	2	
MW-8	Cadmium, total	0.1	ug/l	10/27/2011	2	
MW-8	Cadmium, total	0.1	ug/l	4/12/2012	2	
MW-8	Cadmium, total	0.1	ug/l	10/30/2012	2	
MW-8	**Chromium, total**	**13.0**	**ug/l**	**11/1/1994**	**10**	**3**
MW-8	**Chromium, total**	**11.1**	**ug/l**	**4/1/1997**	**10**	**1.1**
MW-8	Chromium, total	9.0	ug/l	10/1/1997	10	
MW-8	**Chromium, total**	**22.0**	**ug/l**	**10/1/2001**	**10**	**12**
MW-8	Chromium, total	0.4	ug/l	4/21/2010	10	
MW-8	Chromium, total	0.1	ug/l	10/20/2010	10	
MW-8	Chromium, total	0.3	ug/l	4/21/2011	10	
MW-8	Chromium, total	0.2	ug/l	4/12/2012	10	
MW-8	**Cobalt, total ***	**1.9**	**ug/l**	**4/23/2008**	**1**	**0.9**
MW-8	**Cobalt, total ***	**1.6**	**ug/l**	**10/16/2008**	**1**	**0.6**
MW-8	**Cobalt, total ***	**2.0**	**ug/l**	**4/22/2009**	**1**	**1**
MW-8	**Cobalt, total ***	**1.4**	**ug/l**	**10/22/2009**	**1**	**0.4**
MW-8	**Cobalt, total ***	**1.8**	**ug/l**	**4/21/2010**	**1**	**0.8**
MW-8	**Cobalt, total ***	**1.3**	**ug/l**	**10/20/2010**	**1**	**0.3**
MW-8	**Cobalt, total ***	**1.7**	**ug/l**	**4/21/2011**	**1**	**0.7**
MW-8	**Cobalt, total ***	**1.4**	**ug/l**	**10/27/2011**	**1**	**0.4**
MW-8	**Cobalt, total ***	**1.5**	**ug/l**	**4/12/2012**	**1**	**0.5**
MW-8	**Cobalt, total ***	**1.3**	**ug/l**	**10/30/2012**	**1**	**0.3**
MW-8	**Cobalt, total ***	**1.7**	**ug/l**	**4/25/2013**	**1**	**0.7**
MW-8	Copper, total	5.0	ug/l	10/1/1994	1000	
MW-8	Copper, total	15.0	ug/l	11/1/1994	1000	
MW-8	Copper, total	90.0	ug/l	1/1/1995	1000	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-8	Copper, total	5.0	ug/l	3/1/1995	1000	
MW-8	Copper, total	7.0	ug/l	10/1/1997	1000	
MW-8	Copper, total	1.9	ug/l	4/23/2008	1000	
MW-8	Copper, total	1.4	ug/l	10/16/2008	1000	
MW-8	Copper, total	1.9	ug/l	4/22/2009	1000	
MW-8	Copper, total	1.8	ug/l	10/22/2009	1000	
MW-8	Copper, total	2.9	ug/l	4/21/2010	1000	
MW-8	Copper, total	1.9	ug/l	10/20/2010	1000	
MW-8	Copper, total	1.6	ug/l	4/21/2011	1000	
MW-8	Copper, total	1.4	ug/l	10/27/2011	1000	
MW-8	Copper, total	1.7	ug/l	4/12/2012	1000	
MW-8	Copper, total	1.3	ug/l	10/30/2012	1000	
MW-8	Copper, total	2.1	ug/l	4/25/2013	1000	
MW-8	Lead, total	8.0	ug/l	11/1/1994	15	
MW-8	Lead, total	11.0	ug/l	9/1/1995	15	
MW-8	**Lead, total**	**72.6**	**ug/l**	**4/1/1997**	**15**	**57.6**
MW-8	Lead, total	8.0	ug/l	10/1/1997	15	
MW-8	Lead, total	1.2	ug/l	4/23/2008	15	
MW-8	Lead, total	1.5	ug/l	10/16/2008	15	
MW-8	Lead, total	1.3	ug/l	4/22/2009	15	
MW-8	Lead, total	1.2	ug/l	10/22/2009	15	
MW-8	Lead, total	1.4	ug/l	4/21/2010	15	
MW-8	Lead, total	1.4	ug/l	10/20/2010	15	
MW-8	Lead, total	1.1	ug/l	4/21/2011	15	
MW-8	Lead, total	1.3	ug/l	10/27/2011	15	
MW-8	Lead, total	1.2	ug/l	4/12/2012	15	
MW-8	Lead, total	1.3	ug/l	10/30/2012	15	
MW-8	Lead, total	1.1	ug/l	4/25/2013	15	
MW-8	**Mercury**	**2.0**	**ug/l**	**10/1/1998**	**1**	**1**
MW-8	Mercury	0.2	ug/l	10/16/2008	1	
MW-8	Mercury	0.3	ug/l	10/22/2009	1	
MW-8	Mercury	0.5	ug/l	10/20/2010	1	
MW-8	Mercury	0.5	ug/l	10/27/2011	1	
MW-8	Mercury	0.6	ug/l	10/30/2012	1	
MW-8	Nickel, total	53.0	ug/l	10/1/2002	100	
MW-8	Nickel, total	2.1	ug/l	4/23/2008	100	
MW-8	Nickel, total	1.9	ug/l	10/16/2008	100	
MW-8	Nickel, total	2.4	ug/l	4/22/2009	100	
MW-8	Nickel, total	1.6	ug/l	10/22/2009	100	
MW-8	Nickel, total	2.0	ug/l	4/21/2010	100	
MW-8	Nickel, total	1.5	ug/l	10/20/2010	100	
MW-8	Nickel, total	2.0	ug/l	4/21/2011	100	
MW-8	Nickel, total	1.9	ug/l	10/27/2011	100	
MW-8	Nickel, total	2.1	ug/l	4/12/2012	100	
MW-8	Nickel, total	1.9	ug/l	10/30/2012	100	
MW-8	Nickel, total	1.9	ug/l	4/25/2013	100	
MW-8	Selenium, total	0.4	ug/l	4/23/2008	20	
MW-8	Selenium, total	0.3	ug/l	10/16/2008	20	
MW-8	Selenium, total	0.7	ug/l	4/22/2009	20	
MW-8	Selenium, total	0.3	ug/l	10/22/2009	20	
MW-8	Selenium, total	0.8	ug/l	10/20/2010	20	
MW-8	Selenium, total	0.6	ug/l	4/21/2011	20	
MW-8	Selenium, total	0.3	ug/l	10/27/2011	20	
MW-8	Selenium, total	0.3	ug/l	4/12/2012	20	
MW-8	Selenium, total	0.4	ug/l	10/30/2012	20	
MW-8	Selenium, total	0.4	ug/l	4/25/2013	20	
MW-8	Silver, total	0.1	ug/l	4/23/2008	20	

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Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-8	Silver, total	0.1	ug/l	10/16/2008	20	
MW-8	Silver, total	0.1	ug/l	4/22/2009	20	
MW-8	Silver, total	0.1	ug/l	4/21/2010	20	
MW-8	Thallium, total *	0.2	ug/l	4/23/2008	0.28	
MW-8	Thallium, total *	0.1	ug/l	10/16/2008	0.28	
MW-8	Thallium, total *	0.2	ug/l	4/21/2011	0.28	
MW-8	Thallium, total *	0.1	ug/l	4/12/2012	0.28	
MW-8	Tin, dissolved *	0.8	ug/l	10/16/2008	2000	
MW-8	Tin, dissolved *	0.2	ug/l	10/20/2010	2000	
MW-8	Tin, dissolved *	0.3	ug/l	10/30/2012	2000	
MW-8	**Vanadium ***	**0.5**	**ug/l**	**11/1/1994**	**0.3**	**0.15**
MW-8	**Vanadium ***	**0.4**	**ug/l**	**4/1/1997**	**0.3**	**0.11**
MW-8	**Vanadium ***	**0.6**	**ug/l**	**10/1/2001**	**0.3**	**0.33**
MW-8	**Vanadium ***	**0.4**	**ug/l**	**4/23/2008**	**0.3**	**0.1**
MW-8	**Vanadium ***	**0.5**	**ug/l**	**10/16/2008**	**0.3**	**0.2**
MW-8	**Vanadium ***	**0.9**	**ug/l**	**4/22/2009**	**0.3**	**0.6**
MW-8	**Vanadium ***	**2.1**	**ug/l**	**10/22/2009**	**0.3**	**1.8**
MW-8	**Vanadium ***	**1.5**	**ug/l**	**4/21/2010**	**0.3**	**1.2**
MW-8	**Vanadium ***	**2.1**	**ug/l**	**10/20/2010**	**0.3**	**1.8**
MW-8	**Vanadium ***	**0.9**	**ug/l**	**4/21/2011**	**0.3**	**0.64**
MW-8	**Vanadium ***	**1.0**	**ug/l**	**10/27/2011**	**0.3**	**0.66**
MW-8	**Vanadium ***	**0.7**	**ug/l**	**4/12/2012**	**0.3**	**0.41**
MW-8	**Vanadium ***	**1.2**	**ug/l**	**10/30/2012**	**0.3**	**0.9**
MW-8	**Vanadium ***	**0.9**	**ug/l**	**4/25/2013**	**0.3**	**0.59**
MW-8	Zinc	20.0	ug/l	10/1/1994	1000	
MW-8	Zinc	35.0	ug/l	11/1/1994	1000	
MW-8	Zinc	19.0	ug/l	1/1/1995	1000	
MW-8	Zinc	9.0	ug/l	3/1/1995	1000	
MW-8	Zinc	56.2	ug/l	4/1/1997	1000	
MW-8	Zinc	20.0	ug/l	10/1/1997	1000	
MW-8	Zinc	40.0	ug/l	10/1/1998	1000	
MW-8	Zinc	7.1	ug/l	4/23/2008	1000	
MW-8	Zinc	6.5	ug/l	10/16/2008	1000	
MW-8	Zinc	19.0	ug/l	4/22/2009	1000	
MW-8	Zinc	3.8	ug/l	10/22/2009	1000	
MW-8	Zinc	9.8	ug/l	4/21/2010	1000	
MW-8	Zinc	7.0	ug/l	10/20/2010	1000	
MW-8	Zinc	7.7	ug/l	4/21/2011	1000	
MW-8	Zinc	7.5	ug/l	10/27/2011	1000	
MW-8	Zinc	6.9	ug/l	4/12/2012	1000	
MW-8	Zinc	6.6	ug/l	10/30/2012	1000	
MW-8	Zinc	5.1	ug/l	4/25/2013	1000	
MW-9	Antimony, total *	0.2	ug/l	10/16/2008	1	
MW-9	Antimony, total *	0.1	ug/l	4/22/2009	1	
MW-9	Antimony, total *	0.8	ug/l	10/22/2009	1	
MW-9	Antimony, total *	0.1	ug/l	4/25/2013	1	
MW-9	Antimony, total *	0.1	ug/l	12/4/2013	1	
MW-9	Antimony, total *	0.1	ug/l	10/20/2015	1	
MW-9	Arsenic, total	0.5	ug/l	4/23/2008	10	
MW-9	Arsenic, total	0.8	ug/l	10/16/2008	10	
MW-9	Arsenic, total	5.4	ug/l	4/22/2009	10	
MW-9	Arsenic, total	1.0	ug/l	10/22/2009	10	
MW-9	Arsenic, total	4.1	ug/l	4/21/2010	10	
MW-9	Arsenic, total	3.0	ug/l	4/25/2013	10	
MW-9	Arsenic, total	2.6	ug/l	12/4/2013	10	
MW-9	Arsenic, total	0.1	ug/l	5/19/2014	10	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-9	Arsenic, total	1.0	ug/l	10/22/2014	10	
MW-9	Arsenic, total	0.7	ug/L	3/24/2015	10	
MW-9	Arsenic, total	1.3	ug/l	10/20/2015	10	
MW-9	Barium, total	10.3	ug/l	5/1/2007	700	
MW-9	Barium, total	12.3	ug/l	10/1/2007	700	
MW-9	Barium, total	12.9	ug/l	4/1/2008	700	
MW-9	Barium, total	12.9	ug/l	4/23/2008	700	
MW-9	Barium, total	14.0	ug/l	10/16/2008	700	
MW-9	Barium, total	10.5	ug/l	4/22/2009	700	
MW-9	Barium, total	15.0	ug/l	10/22/2009	700	
MW-9	Barium, total	12.6	ug/l	4/21/2010	700	
MW-9	Barium, total	46.2	ug/l	4/25/2013	700	
MW-9	Barium, total	36.1	ug/l	12/4/2013	700	
MW-9	Barium, total	21.7	ug/l	5/19/2014	700	
MW-9	Barium, total	21.3	ug/l	10/22/2014	700	
MW-9	Barium, total	15.0	ug/L	3/24/2015	700	
MW-9	Barium, total	13.9	ug/l	10/20/2015	700	
MW-9	Beryllium, total *	0.2	ug/l	4/23/2008	4	
MW-9	Beryllium, total *	0.1	ug/l	10/16/2008	4	
MW-9	Beryllium, total *	0.2	ug/l	4/22/2009	4	
MW-9	Beryllium, total *	0.2	ug/l	10/22/2009	4	
MW-9	Beryllium, total *	0.5	ug/l	4/21/2010	4	
MW-9	Beryllium, total *	0.4	ug/l	4/25/2013	4	
MW-9	Beryllium, total *	0.2	ug/l	12/4/2013	4	
MW-9	Beryllium, total *	0.1	ug/l	5/19/2014	4	
MW-9	Beryllium, total *	0.2	ug/l	10/22/2014	4	
MW-9	Beryllium, total *	0.1	ug/l	10/20/2015	4	
MW-9	Cadmium, total	0.1	ug/l	4/23/2008	2	
MW-9	Cadmium, total	0.2	ug/l	10/16/2008	2	
MW-9	Cadmium, total	0.3	ug/l	4/22/2009	2	
MW-9	Cadmium, total	0.1	ug/l	10/22/2009	2	
MW-9	Cadmium, total	0.3	ug/l	4/21/2010	2	
MW-9	Cadmium, total	0.2	ug/l	4/25/2013	2	
MW-9	Cadmium, total	0.2	ug/l	12/4/2013	2	
MW-9	**Chromium, total**	**38.0**	**ug/l**	**10/1/2001**	**10**	**28**
MW-9	**Chromium, total**	**15.0**	**ug/l**	**4/1/2002**	**10**	**5**
MW-9	**Chromium, total**	**82.0**	**ug/l**	**10/1/2002**	**10**	**72**
MW-9	Chromium, total	1.1	ug/l	4/23/2008	10	
MW-9	Chromium, total	0.4	ug/l	10/16/2008	10	
MW-9	Chromium, total	3.0	ug/l	4/22/2009	10	
MW-9	Chromium, total	0.5	ug/l	10/22/2009	10	
MW-9	**Chromium, total**	**17.0**	**ug/l**	**4/21/2010**	**10**	**7**
MW-9	**Chromium, total**	**15.0**	**ug/l**	**4/25/2013**	**10**	**5**
MW-9	Chromium, total	7.2	ug/l	12/4/2013	10	
MW-9	Chromium, total	0.6	ug/l	5/19/2014	10	
MW-9	Chromium, total	6.2	ug/l	10/22/2014	10	
MW-9	Chromium, total	2.7	ug/L	3/24/2015	10	
MW-9	Chromium, total	2.1	ug/l	10/20/2015	10	
MW-9	**Cobalt, total ***	**1.5**	**ug/l**	**4/23/2008**	**1**	**0.5**
MW-9	**Cobalt, total ***	**1.1**	**ug/l**	**10/16/2008**	**1**	**0.1**
MW-9	**Cobalt, total ***	**1.5**	**ug/l**	**4/22/2009**	**1**	**0.5**
MW-9	**Cobalt, total ***	**1.6**	**ug/l**	**10/22/2009**	**1**	**0.6**
MW-9	**Cobalt, total ***	**1.1**	**ug/l**	**4/21/2010**	**1**	**0.1**
MW-9	**Cobalt, total ***	**1.2**	**ug/l**	**4/25/2013**	**1**	**0.2**
MW-9	Cobalt, total *	0.6	ug/l	12/4/2013	1	
MW-9	Cobalt, total *	0.4	ug/l	5/19/2014	1	
MW-9	Cobalt, total *	0.4	ug/l	10/22/2014	1	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-9	Cobalt, total *	0.3	ug/L	3/24/2015	1	
MW-9	Cobalt, total *	0.3	ug/l	10/20/2015	1	
MW-9	Copper, total	13.0	ug/l	10/1/2007	1000	
MW-9	Copper, total	3.0	ug/l	4/23/2008	1000	
MW-9	Copper, total	6.7	ug/l	10/16/2008	1000	
MW-9	Copper, total	4.9	ug/l	4/22/2009	1000	
MW-9	Copper, total	15.0	ug/l	10/22/2009	1000	
MW-9	Copper, total	8.3	ug/l	4/21/2010	1000	
MW-9	Copper, total	16.0	ug/l	4/25/2013	1000	
MW-9	Copper, total	8.7	ug/l	12/4/2013	1000	
MW-9	Copper, total	1.3	ug/l	5/19/2014	1000	
MW-9	Copper, total	4.4	ug/l	10/22/2014	1000	
MW-9	Copper, total	1.7	ug/L	3/24/2015	1000	
MW-9	Copper, total	2.0	ug/l	10/20/2015	1000	
MW-9	**Iron, total**	**18910.0**	**ug/l**	**12/4/2013**	**300**	**18610**
MW-9	**Iron, total**	**18910.0**	**ug/l**	**12/4/2013**	**300**	**18610**
MW-9	**Iron, total**	**935.0**	**ug/l**	**5/19/2014**	**300**	**635**
MW-9	**Iron, total**	**935.0**	**ug/l**	**5/19/2014**	**300**	**635**
MW-9	**Iron, total**	**3200.0**	**ug/L**	**3/24/2015**	**300**	**2900**
MW-9	**Iron, total**	**3200.0**	**ug/L**	**3/24/2015**	**300**	**2900**
MW-9	Lead, total	14.0	ug/l	10/1/2002	15	
MW-9	Lead, total	1.9	ug/l	4/23/2008	15	
MW-9	Lead, total	2.0	ug/l	10/16/2008	15	
MW-9	Lead, total	1.5	ug/l	4/22/2009	15	
MW-9	Lead, total	1.9	ug/l	10/22/2009	15	
MW-9	Lead, total	14.0	ug/l	4/21/2010	15	
MW-9	Lead, total	11.0	ug/l	4/25/2013	15	
MW-9	Lead, total	4.6	ug/l	12/4/2013	15	
MW-9	Lead, total	0.6	ug/l	5/19/2014	15	
MW-9	Lead, total	4.0	ug/l	10/22/2014	15	
MW-9	Lead, total	1.1	ug/L	3/24/2015	15	
MW-9	Lead, total	1.4	ug/l	10/20/2015	15	
MW-9	**Mercury**	**5.0**	**ug/l**	**10/1/2007**	**1**	**4**
MW-9	**Mercury**	**1.5**	**ug/l**	**10/16/2008**	**1**	**0.5**
MW-9	Mercury	0.8	ug/l	10/22/2009	1	
MW-9	**Mercury**	**1.5**	**ug/l**	**10/22/2014**	**1**	**0.5**
MW-9	Mercury	0.6	ug/l	10/20/2015	1	
MW-9	Nickel, total	1.2	ug/l	4/23/2008	100	
MW-9	Nickel, total	2.5	ug/l	10/16/2008	100	
MW-9	Nickel, total	2.5	ug/l	4/22/2009	100	
MW-9	Nickel, total	1.4	ug/l	10/22/2009	100	
MW-9	Nickel, total	1.7	ug/l	4/21/2010	100	
MW-9	Nickel, total	2.0	ug/l	4/25/2013	100	
MW-9	Nickel, total	1.4	ug/l	12/4/2013	100	
MW-9	Nickel, total	0.5	ug/l	5/19/2014	100	
MW-9	Nickel, total	0.9	ug/l	10/22/2014	100	
MW-9	Nickel, total	0.5	ug/L	3/24/2015	100	
MW-9	Nickel, total	0.6	ug/l	10/20/2015	100	
MW-9	Selenium, total	0.9	ug/l	4/23/2008	20	
MW-9	Selenium, total	0.9	ug/l	10/16/2008	20	
MW-9	Selenium, total	1.0	ug/l	4/22/2009	20	
MW-9	Selenium, total	1.3	ug/l	10/22/2009	20	
MW-9	Selenium, total	0.8	ug/l	4/21/2010	20	
MW-9	Selenium, total	2.2	ug/l	4/25/2013	20	
MW-9	Selenium, total	0.6	ug/l	12/4/2013	20	
MW-9	Selenium, total	0.2	ug/l	10/22/2014	20	
MW-9	Silver, total	0.1	ug/l	4/21/2010	20	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
MW-9	Thallium, total *	0.1	ug/l	4/23/2008	0.28	
MW-9	Thallium, total *	0.1	ug/l	10/16/2008	0.28	
MW-9	Thallium, total *	0.1	ug/l	4/22/2009	0.28	
MW-9	Thallium, total *	0.1	ug/l	10/22/2009	0.28	
MW-9	Thallium, total *	0.1	ug/l	4/25/2013	0.28	
MW-9	Tin, dissolved *	2.4	ug/l	10/16/2008	2000	
MW-9	**Vanadium ***	**7.8**	**ug/l**	**10/1/2001**	**0.3**	**7.5**
MW-9	**Vanadium ***	**1.9**	**ug/l**	**10/1/2002**	**0.3**	**1.59**
MW-9	**Vanadium ***	**3.2**	**ug/l**	**4/23/2008**	**0.3**	**2.9**
MW-9	**Vanadium ***	**1.5**	**ug/l**	**10/16/2008**	**0.3**	**1.2**
MW-9	**Vanadium ***	**6.1**	**ug/l**	**4/22/2009**	**0.3**	**5.8**
MW-9	**Vanadium ***	**3.7**	**ug/l**	**10/22/2009**	**0.3**	**3.4**
MW-9	**Vanadium ***	**3.9**	**ug/l**	**4/21/2010**	**0.3**	**3.6**
MW-9	**Vanadium ***	**3.6**	**ug/l**	**4/25/2013**	**0.3**	**3.3**
MW-9	**Vanadium ***	**17.1**	**ug/l**	**12/4/2013**	**0.3**	**16.8**
MW-9	**Vanadium ***	**1.7**	**ug/l**	**5/19/2014**	**0.3**	**1.4**
MW-9	**Vanadium ***	**15.6**	**ug/l**	**10/22/2014**	**0.3**	**15.3**
MW-9	**Vanadium ***	**6.4**	**ug/L**	**3/24/2015**	**0.3**	**6.1**
MW-9	**Vanadium ***	**7.4**	**ug/l**	**10/20/2015**	**0.3**	**7.1**
MW-9	Zinc	3.2	ug/l	4/23/2008	1000	
MW-9	Zinc	4.7	ug/l	10/16/2008	1000	
MW-9	Zinc	9.0	ug/l	4/22/2009	1000	
MW-9	Zinc	2.1	ug/l	10/22/2009	1000	
MW-9	Zinc	9.3	ug/l	4/21/2010	1000	
MW-9	Zinc	13.0	ug/l	4/25/2013	1000	
MW-9	Zinc	6.9	ug/l	12/4/2013	1000	
MW-9	Zinc	3.8	ug/l	10/22/2014	1000	
MW-9	Zinc	21.0	ug/L	3/24/2015	1000	
MW-9	Zinc	3.2	ug/l	10/20/2015	1000	
PZ-41S	Antimony, total *	0.5	ug/l	12/4/2013	1	
PZ-41S	Antimony, total *	0.1	ug/L	3/23/2015	1	
PZ-41S	Antimony, total *	0.1	ug/l	10/20/2015	1	
PZ-41S	Arsenic, total	1.1	ug/l	4/26/2013	10	
PZ-41S	Arsenic, total	0.6	ug/l	12/4/2013	10	
PZ-41S	Arsenic, total	0.5	ug/l	5/19/2014	10	
PZ-41S	Arsenic, total	0.8	ug/l	10/22/2014	10	
PZ-41S	Arsenic, total	1.4	ug/L	3/23/2015	10	
PZ-41S	Arsenic, total	0.9	ug/l	10/20/2015	10	
PZ-41S	Barium, total	46.0	ug/l	4/26/2013	700	
PZ-41S	Barium, total	50.8	ug/l	12/4/2013	700	
PZ-41S	Barium, total	47.2	ug/l	5/19/2014	700	
PZ-41S	Barium, total	44.3	ug/l	10/22/2014	700	
PZ-41S	Barium, total	56.0	ug/L	3/23/2015	700	
PZ-41S	Barium, total	61.8	ug/l	10/20/2015	700	
PZ-41S	Beryllium, total *	0.1	ug/l	4/26/2013	4	
PZ-41S	Beryllium, total *	0.1	ug/l	12/4/2013	4	
PZ-41S	Beryllium, total *	0.1	ug/l	5/19/2014	4	
PZ-41S	Beryllium, total *	0.2	ug/l	10/20/2015	4	
PZ-41S	Cadmium, total	0.2	ug/l	4/26/2013	2	
PZ-41S	Cadmium, total	0.1	ug/l	12/4/2013	2	
PZ-41S	Cadmium, total	0.1	ug/l	5/19/2014	2	
PZ-41S	Cadmium, total	0.1	ug/l	10/22/2014	2	
PZ-41S	Cadmium, total	0.1	ug/l	10/20/2015	2	
PZ-41S	Chromium, total	3.7	ug/l	4/26/2013	10	
PZ-41S	Chromium, total	2.1	ug/l	12/4/2013	10	
PZ-41S	Chromium, total	1.0	ug/l	5/19/2014	10	

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Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
PZ-41S	Chromium, total	1.8	ug/l	10/22/2014	10	
PZ-41S	Chromium, total	6.0	ug/L	3/23/2015	10	
PZ-41S	Chromium, total	4.2	ug/l	10/20/2015	10	
PZ-41S	**Cobalt, total ***	**2.8**	**ug/l**	**4/26/2013**	**1**	**1.8**
PZ-41S	**Cobalt, total ***	**4.6**	**ug/l**	**12/4/2013**	**1**	**3.6**
PZ-41S	**Cobalt, total ***	**4.9**	**ug/l**	**5/19/2014**	**1**	**3.9**
PZ-41S	**Cobalt, total ***	**4.3**	**ug/l**	**10/22/2014**	**1**	**3.3**
PZ-41S	**Cobalt, total ***	**8.8**	**ug/L**	**3/23/2015**	**1**	**7.8**
PZ-41S	**Cobalt, total ***	**5.0**	**ug/l**	**10/20/2015**	**1**	**4**
PZ-41S	Copper, total	4.5	ug/l	4/26/2013	1000	
PZ-41S	Copper, total	2.2	ug/l	12/4/2013	1000	
PZ-41S	Copper, total	1.1	ug/l	5/19/2014	1000	
PZ-41S	Copper, total	1.7	ug/l	10/22/2014	1000	
PZ-41S	Copper, total	3.7	ug/L	3/23/2015	1000	
PZ-41S	Copper, total	5.1	ug/l	10/20/2015	1000	
PZ-41S	Lead, total	5.0	ug/l	4/26/2013	15	
PZ-41S	Lead, total	2.7	ug/l	12/4/2013	15	
PZ-41S	Lead, total	1.7	ug/l	5/19/2014	15	
PZ-41S	Lead, total	2.7	ug/l	10/22/2014	15	
PZ-41S	Lead, total	5.5	ug/L	3/23/2015	15	
PZ-41S	Lead, total	9.2	ug/l	10/20/2015	15	
PZ-41S	Nickel, total	1.4	ug/l	4/26/2013	100	
PZ-41S	Nickel, total	1.2	ug/l	12/4/2013	100	
PZ-41S	Nickel, total	1.0	ug/l	5/19/2014	100	
PZ-41S	Nickel, total	1.0	ug/l	10/22/2014	100	
PZ-41S	Nickel, total	1.8	ug/L	3/23/2015	100	
PZ-41S	Nickel, total	1.0	ug/l	10/20/2015	100	
PZ-41S	Selenium, total	0.5	ug/l	4/26/2013	20	
PZ-41S	Selenium, total	0.3	ug/l	12/4/2013	20	
PZ-41S	Thallium, total *	0.1	ug/l	12/4/2013	0.28	
PZ-41S	Thallium, total *	0.1	ug/l	5/19/2014	0.28	
PZ-41S	Thallium, total *	0.1	ug/l	10/20/2015	0.28	
PZ-41S	**Vanadium ***	**12.7**	**ug/l**	**4/26/2013**	**0.3**	**12.4**
PZ-41S	**Vanadium ***	**5.6**	**ug/l**	**12/4/2013**	**0.3**	**5.3**
PZ-41S	**Vanadium ***	**2.5**	**ug/l**	**5/19/2014**	**0.3**	**2.2**
PZ-41S	**Vanadium ***	**3.7**	**ug/l**	**10/22/2014**	**0.3**	**3.4**
PZ-41S	**Vanadium ***	**15.0**	**ug/L**	**3/23/2015**	**0.3**	**14.7**
PZ-41S	**Vanadium ***	**17.5**	**ug/l**	**10/20/2015**	**0.3**	**17.2**
PZ-41S	Zinc	5.8	ug/l	4/26/2013	1000	
PZ-41S	Zinc	5.3	ug/l	12/4/2013	1000	
PZ-41S	Zinc	2.2	ug/l	5/19/2014	1000	
PZ-41S	Zinc	5.9	ug/l	10/22/2014	1000	
PZ-41S	Zinc	8.8	ug/L	3/23/2015	1000	
PZ-41S	Zinc	7.2	ug/l	10/20/2015	1000	
PZ-54	Arsenic, total	2.0	ug/l	4/26/2013	10	
PZ-54	Barium, total	130.0	ug/l	4/26/2013	700	
PZ-54	Beryllium, total *	0.9	ug/l	4/26/2013	4	
PZ-54	Cadmium, total	0.1	ug/l	4/26/2013	2	
PZ-54	Chromium, total	9.5	ug/l	4/26/2013	10	
PZ-54	**Cobalt, total ***	**1.5**	**ug/l**	**4/26/2013**	**1**	**0.5**
PZ-54	Copper, total	6.3	ug/l	4/26/2013	1000	
PZ-54	Lead, total	12.0	ug/l	4/26/2013	15	
PZ-54	Nickel, total	2.0	ug/l	4/26/2013	100	
PZ-54	Selenium, total	0.5	ug/l	4/26/2013	20	
PZ-54	Thallium, total *	0.1	ug/l	4/26/2013	0.28	
PZ-54	**Vanadium ***	**34.0**	**ug/l**	**4/26/2013**	**0.3**	**33.7**

SMITH+GARDNER

Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
PZ-54	Zinc	8.2	ug/l	4/26/2013	1000	
PZ-55	Arsenic, total	1.8	ug/l	4/26/2013	10	
PZ-55	Barium, total	79.3	ug/l	4/26/2013	700	
PZ-55	Beryllium, total *	0.6	ug/l	4/26/2013	4	
PZ-55	Cadmium, total	0.1	ug/l	4/26/2013	2	
PZ-55	Chromium, total	7.5	ug/l	4/26/2013	10	
PZ-55	**Cobalt, total ***	**1.1**	**ug/l**	**4/26/2013**	**1**	**0.1**
PZ-55	Copper, total	4.4	ug/l	4/26/2013	1000	
PZ-55	Lead, total	8.7	ug/l	4/26/2013	15	
PZ-55	Nickel, total	2.4	ug/l	4/26/2013	100	
PZ-55	Selenium, total	0.4	ug/l	4/26/2013	20	
PZ-55	**Vanadium ***	**17.8**	**ug/l**	**4/26/2013**	**0.3**	**17.5**
PZ-55	Zinc	6.3	ug/l	4/26/2013	1000	
PZ-56	Arsenic, total	0.4	ug/l	4/26/2013	10	
PZ-56	Barium, total	55.4	ug/l	4/26/2013	700	
PZ-56	Beryllium, total *	0.6	ug/l	4/26/2013	4	
PZ-56	Cadmium, total	0.1	ug/l	4/26/2013	2	
PZ-56	**Cobalt, total ***	**2.0**	**ug/l**	**4/26/2013**	**1**	**1**
PZ-56	Copper, total	1.8	ug/l	4/26/2013	1000	
PZ-56	Lead, total	1.3	ug/l	4/26/2013	15	
PZ-56	Nickel, total	2.3	ug/l	4/26/2013	100	
PZ-56	Selenium, total	0.2	ug/l	4/26/2013	20	
PZ-56	**Vanadium ***	**2.6**	**ug/l**	**4/26/2013**	**0.3**	**2.3**
PZ-56	Zinc	7.1	ug/l	4/26/2013	1000	
PZ-57	Antimony, total *	0.1	ug/l	4/26/2013	1	
PZ-57	Arsenic, total	6.6	ug/l	4/26/2013	10	
PZ-57	Barium, total	105.0	ug/l	4/26/2013	700	
PZ-57	Beryllium, total *	2.0	ug/l	4/26/2013	4	
PZ-57	Cadmium, total	0.7	ug/l	4/26/2013	2	
PZ-57	**Chromium, total**	**50.0**	**ug/l**	**4/26/2013**	**10**	**40**
PZ-57	Cobalt, total *	0.7	ug/l	4/26/2013	1	
PZ-57	Copper, total	36.0	ug/l	4/26/2013	1000	
PZ-57	**Lead, total**	**52.0**	**ug/l**	**4/26/2013**	**15**	**37**
PZ-57	Nickel, total	1.2	ug/l	4/26/2013	100	
PZ-57	Selenium, total	1.2	ug/l	4/26/2013	20	
PZ-57	Silver, total	0.1	ug/l	4/26/2013	20	
PZ-57	**Thallium, total ***	**0.3**	**ug/l**	**4/26/2013**	**0.28**	**0.03**
PZ-57	**Vanadium ***	**376.0**	**ug/l**	**4/26/2013**	**0.3**	**375.7**
PZ-57	Zinc	19.0	ug/l	4/26/2013	1000	
PZ-58	Antimony, total *	0.3	ug/l	4/26/2013	1	
PZ-58	Arsenic, total	2.0	ug/l	4/26/2013	10	
PZ-58	Barium, total	112.0	ug/l	4/26/2013	700	
PZ-58	Beryllium, total *	1.0	ug/l	4/26/2013	4	
PZ-58	Cadmium, total	1.0	ug/l	4/26/2013	2	
PZ-58	**Chromium, total**	**47.0**	**ug/l**	**4/26/2013**	**10**	**37**
PZ-58	**Cobalt, total ***	**1.1**	**ug/l**	**4/26/2013**	**1**	**0.1**
PZ-58	Copper, total	30.0	ug/l	4/26/2013	1000	
PZ-58	**Lead, total**	**162.0**	**ug/l**	**4/26/2013**	**15**	**147**
PZ-58	Nickel, total	3.5	ug/l	4/26/2013	100	
PZ-58	Selenium, total	3.4	ug/l	4/26/2013	20	
PZ-58	Silver, total	0.2	ug/l	4/26/2013	20	
PZ-58	Thallium, total *	0.2	ug/l	4/26/2013	0.28	
PZ-58	**Vanadium ***	**276.0**	**ug/l**	**4/26/2013**	**0.3**	**275.7**
PZ-58	Zinc	25.0	ug/l	4/26/2013	1000	

SMITH+GARDNER

Table 5

Historic Inorganic Detections

Harnett County Dunn Erwin Landfill

Location ID	Parameter Name	Concentration	Units	Sample Date	2L or GWP* Standard	Exceedance
PZ-59	Antimony, total *	0.2	ug/l	4/26/2013	1	
PZ-59	Arsenic, total	1.4	ug/l	4/26/2013	10	
PZ-59	Barium, total	49.3	ug/l	4/26/2013	700	
PZ-59	Beryllium, total *	0.4	ug/l	4/26/2013	4	
PZ-59	Cadmium, total	0.2	ug/l	4/26/2013	2	
PZ-59	Chromium, total	4.7	ug/l	4/26/2013	10	
PZ-59	**Cobalt, total ***	**1.3**	**ug/l**	**4/26/2013**	**1**	**0.3**
PZ-59	Copper, total	5.1	ug/l	4/26/2013	1000	
PZ-59	Lead, total	5.6	ug/l	4/26/2013	15	
PZ-59	Nickel, total	1.9	ug/l	4/26/2013	100	
PZ-59	Selenium, total	0.5	ug/l	4/26/2013	20	
PZ-59	Thallium, total *	0.1	ug/l	4/26/2013	0.28	
PZ-59	**Vanadium ***	**12.4**	**ug/l**	**4/26/2013**	**0.3**	**12.1**
PZ-59	Zinc	5.2	ug/l	4/26/2013	1000	

Note: * indicates comparison to GWP Standard

Appendix A

Available Well Records

Corrective Action Evaluation Report
Harnett County Dunn Erwin Landfill
Harnett County, North Carolina

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N.C. Department of Human Resources
Division of Health Services

WELL COMPLETION RECORD

MW-2

COMPLETE ALL INFORMATION REQUESTED BELOW FOR EACH WELL INSTALLED, AND RETURN FOR TO THE N.C. DEPARTMENT OF HUMAN RESOURCES, SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH. PO BOX 2091, RALEIGH, NORTH CAROLINA 27602

NAME OF SITE: DUNN-ERWIN LANDFILL	PERMIT NO.
ADDRESS: P.O. BOX 759, LILLINGTON NC 27549	OWNER (print): HARNETT Co.
DRILLING CONTRACTOR: PATTERSON EXPLORATION SERVICES	REGISTRATION NO.: 351

Casing Type: PVC **dia.** 2 **in.** **Grount Depth:** **from** 0 **to** 13 **ft. - dia.** ____ **in.**
Casing Depth: **from** 0 **to** 15 **ft. dia.** ____ **in.** **Bentonite Seal:** **from** 13 **to** 14 **ft. - dia.** ____ **in.**
Screen Type: PVC **dia.** 2 **in.** **Sand & Gravel/PK:** **from** 14 **to** 30 **ft. - dia.** ____ **in.**
Screen Depth: **from** 15 **to** 30 **ft. dia.** ____ **in.** **Total Well Depth:** 30 **ft.**

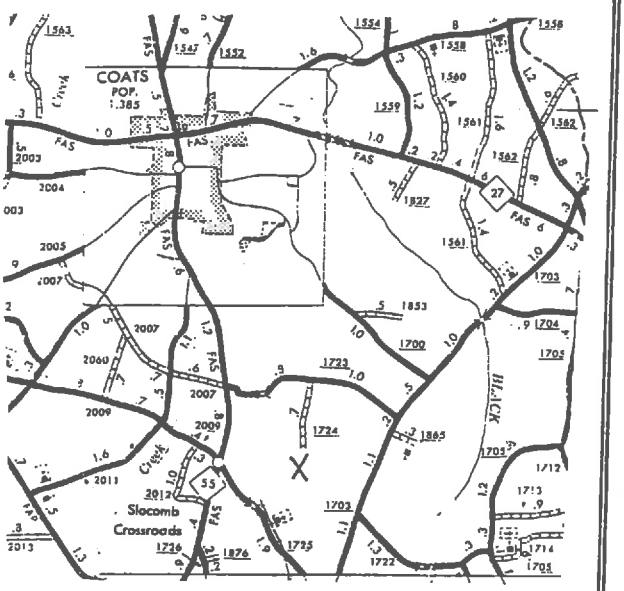
Static Water Level: 24.5 **feet from top of casing** **Date Measured** 9-23-94

YIELD **(gpm):** <1.0 **Method of Testing:** BAILING **Casing is** 2 **feet above land surface**

DRILLING LOG

DEPTH FROM	TO	FORMATION DESCRIPTION
0	3	SANDY CLAY
3	30	GRAY SILTY CLAY

LOCATION SKETCH



Remarks:

Date: 9-29-94 **Signature:** James Bazell

f:\James

North Carolina - Department of Environment, Health, and Natural Resources
Division of Environmental Management - Groundwater Section
P.O. Box 29535 - Raleigh, N.C. 27626-0535
Phone (919) 733-3221

FOR OFFICE USE ONLY	
QUAD. NO.	SERIAL NO.
Lat.	Long. RO
Minor Basin	
Basin Code	
Header Ent.	GW-1 Ent.

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR: PATTERSON EXPLORATION SERVICES

DRILLER REGISTRATION NUMBER: 351

STATE WELL CONSTRUCTION PERMIT NUMBER:

MW-2

1. WELL LOCATION: (Show sketch of the location below)
   Nearest Town: COATS County: HARNETT
   DUNN-ERWIN LANDFILL - S.R. 1724
   (Road, Community, or Subdivision and Lot No.)
2. OWNER HARNETT COUNTY
   ADDRESS P.O. BOX 759
   (Street or Route No.)
   LILLINGTON NC 27546
   City or Town State Zip Code
3. DATE DRILLED 9-23-94 USE OF WELL MONITORING
4. TOTAL DEPTH 30'
5. CUTTINGS COLLECTED YES [ ] NO [X]
6. DOES WELL REPLACE EXISTING WELL? YES [ ] NO [X]
7. STATIC WATER LEVEL Below Top of Casing: 24.5' FT.
   (Use "+" if Above Top of Casing)
8. TOP OF CASING IS 2 FT. Above Land Surface*

* Casing Terminated at/or below land surface is illegal unless a variance is issued in accordance with 15A NCAC 2C .0118

9. YIELD (gpm): <1.0 METHOD OF TEST BAILING
10. WATER ZONES (depth): 22'-30'
11. CHLORINATION: Type _____ Amount _____
12. CASING:

	Depth From	Depth To	Diameter	Wall Thickness or Weight/Ft.	Material
	0	15	2	SCH 40	PVC

13. GROUT:

	Depth From	Depth To	Material	Method
	0	~~14~~ 13	NEAT CEMENT	
	13	14	BENTONITE	

14. SCREEN:

	Depth From	Depth To	Diameter	Slot Size	Material
	15	30	2 in.	.010 in.	PVC
			in.	in.	
			in.	in.	

15. SAND/GRAVEL PACK:

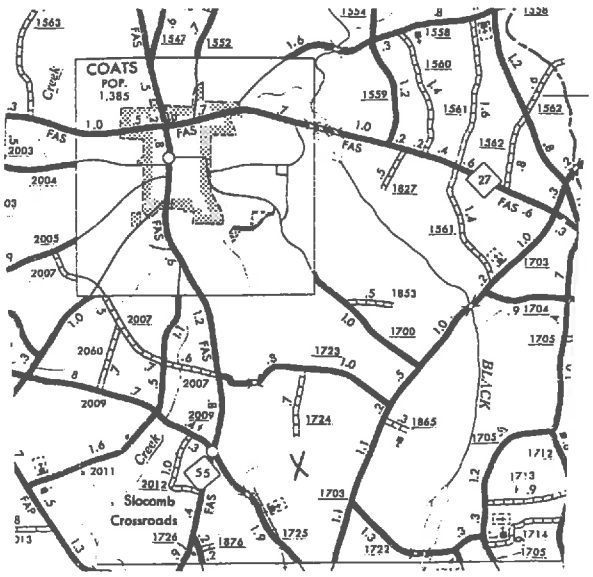
	Depth From	Depth To	Size	Material
	14	30		SAND

16. REMARKS:

DEPTH From	DEPTH To	DRILLING LOG Formation Description
0'	3'	SANDY CLAY
3'	30'	GRAY SILTY CLAY

If additional space is needed use back of form

LOCATION SKETCH



I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

James C Izzell 9-29-94

SIGNATURE OF CONTRACTOR OR AGENT DATE

Submit original to Division of Environmental Management and copy to well owner.

GW-1 REV. 9/91

N.C. Department of Human Resources
Division of Health Services

WELL COMPLETION RECORD

MW - 4

COMPLETE ALL INFORMATION REQUESTED BELOW FOR EACH WELL INSTALLED, AND RETURN FOR TO THE N.C. DEPARTMENT OF HUMAN RESOURCES, SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH. PO BOX 2091, RALEIGH, NORTH CAROLINA 27602

NAME OF SITE: DUNN-ERWIN LANDFILL	PERMIT NO.
ADDRESS: P.O. BOX 759, LILLINGTON NC 27549	OWNER (print): HARNETT CO.
DRILLING CONTRACTOR: PATTERSON EXPLORATION SERVICES	REGISTRATION NO.: 351

Casing Type: PVC **dia.** 2 **in.** **Grount Depth:** **from** 0 **to** 7 **ft. - dia.** ____ **in.**
Casing Depth: **from** 0 **to** 9 **ft. dia.** ____ **in.** **Bentonite Seal:** **from** 7 **to** 8 **ft. - dia.** ____ **in.**
Screen Type: PVC **dia.** 2 **in.** **Sand & Gravel/PK:** **from** 8 **to** 20 **ft. - dia.** ____ **in.**
Screen Depth: **from** 9 **to** 19 **ft. dia.** ____ **in.** **Total Well Depth:** 20 **ft.**

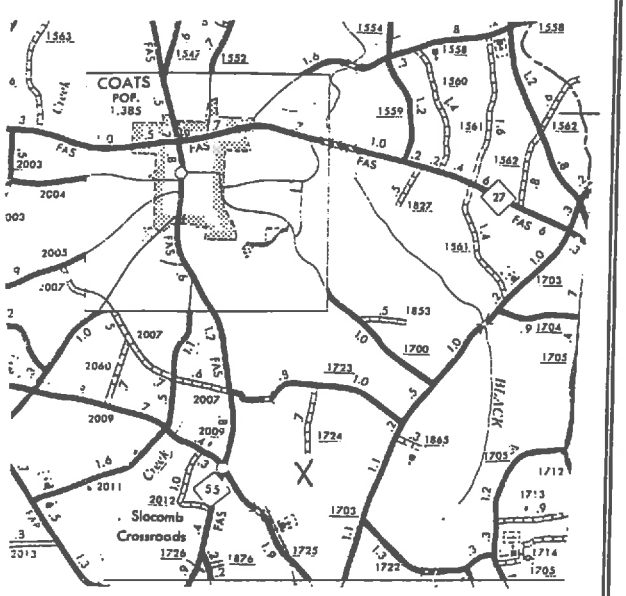
Static Water Level: 4.75 **feet from top of casing** **Date Measured** 9-23-94

YIELD **(gpm):** <1.0 **Method of Testing:** BAILING **Casing is** 2 **feet above land surface**

DRILLING LOG

DEPTH FROM	DEPTH TO	FORMATION DESCRIPTION
0	3	SAND & GRAVEL
3	6	SILTY CLAY - TAN
6	20	SILTY CLAY - GRAY

LOCATION SKETCH



Remarks: ____

Date: 9-29-94 **Signature:** James Bizzell

f:\James

North Carolina - Department of Environment, Health, and Natural Resources
Division of Environmental Management - Groundwater Section
P.O. Box 29535 - Raleigh, N.C. 27626-0535
Phone (919) 733-3221

FOR OFFICE USE ONLY	
QUAD. NO.	SERIAL NO.
Lat.	Long. / RO
Minor Basin	
Basin Code	
Header Ent.	GW-1 Ent.

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR: PATTERSON EXPLORATION SERVICES

DRILLER REGISTRATION NUMBER: 351

STATE WELL CONSTRUCTION PERMIT NUMBER:

MW-4

1. WELL LOCATION: (Show sketch of the location below)
   Nearest Town: COATS County: HARNETT
   DUNN-ERWIN LANDFILL - S.R. 1724
   (Road, Community, or Subdivision and Lot No.)
2. OWNER HARNETT COUNTY
   ADDRESS P.O. BOX 759
   (Street or Route No.)
   LILLINGTON NC 27546
   City or Town State Zip Code
3. DATE DRILLED 9-23-94 USE OF WELL MONITORING
4. TOTAL DEPTH 20'
5. CUTTINGS COLLECTED YES [ ] NO [X]
6. DOES WELL REPLACE EXISTING WELL? YES [ ] NO [X]
7. STATIC WATER LEVEL Below Top of Casing: 4.75 FT.
   (Use "+" if Above Top of Casing)
8. TOP OF CASING IS 2 FT. Above Land Surface*
   * Casing Terminated at/or below land surface is illegal unless a variance is issued in accordance with 15A NCAC 2C .0118
9. YIELD (gpm): <1.0 METHOD OF TEST BAILING
10. WATER ZONES (depth): 12'-20'
11. CHLORINATION: Type _____ Amount _____
12. CASING:

	Depth From	Depth To	Diameter	Wall Thickness or Weight/Ft.	Material
	0	9	2"	SCH 40	PVC

13. GROUT:

	Depth From	Depth To	Material	Method
	0	7	NEAT CEMENT	
	7	8	BENTONITE	

14. SCREEN:

	Depth From	Depth To	Diameter	Slot Size	Material
	9	19	2 in.	.010 in.	PVC
			in.	in.	
			in.	in.	

15. SAND/GRAVEL PACK:

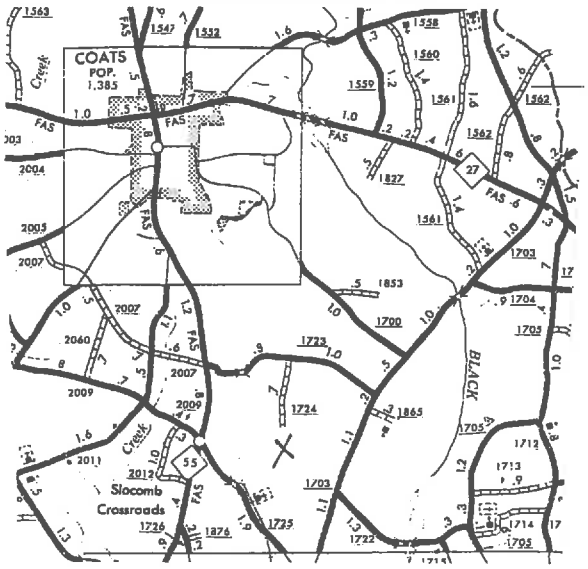
	Depth From	Depth To	Size	Material
	8	20		SAND

16. REMARKS:

DEPTH From	DEPTH To	DRILLING LOG Formation Description
0'	3'	SAND & GRAVEL
3'	6'	SILTY CLAY - TAN
6'	20'	SILTY CLAY - GRAY

If additional space is needed use back of form

LOCATION SKETCH



I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

James Lazell 9-29-94

SIGNATURE OF CONTRACTOR OR AGENT DATE

Submit original to Division of Environmental Management and copy to well owner.

GW-1 REV. 9/91

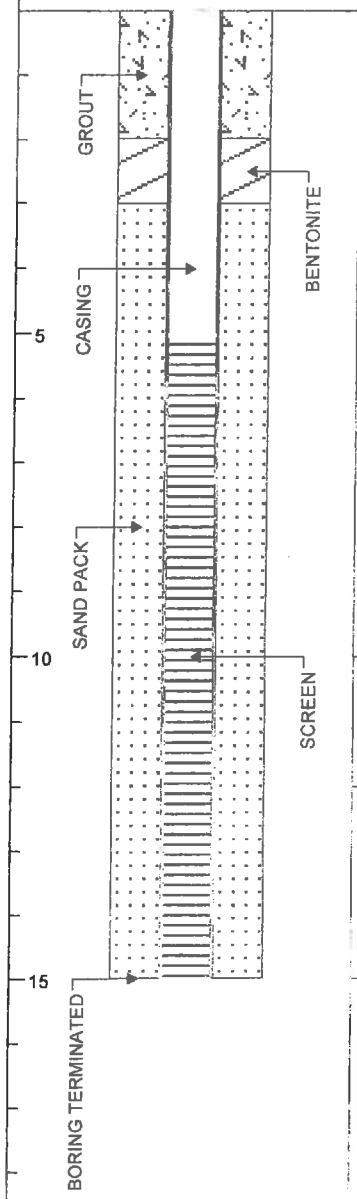
Project: Dunn-Erwin Landfill | BORING: MW-53 | Page: 1 of 1

Drilling Co.: J&L Drilling Co. | Date Started: 6-28-10

Drilling Method: Truck Mounted HSA | Date Completed: 6-28-10

Location: DELF | Logged By: RLS

Surface Elev.: 207.18 | TOC Elev.: 209.59 | Project #: 3002B



ELEVATION	DESCRIPTION	N-VALUE	USCS SYMBOL	MOISTURE
206.680	**TOPSOIL** Brown			
	Silty SAND Orange	19	SM	Moist
		16		
		13		Moist
201.180	**SAND w/Pebbles** Orange-Yellow	37	GW	Moist
		39		
197.180	**SAND** White, coarse	41	SW	Moist
195.180	**CLAY w/ some Sand** Yellow-Brown with some Gray	22	CL	
192.180				

Boring Log and Well Construction Details

C.T. Clayton, Sr., P.E., Inc.
46 W. Washington St.
Coats, NC 27521
Phone: 910-897-7070
Fax: 910-897-6767

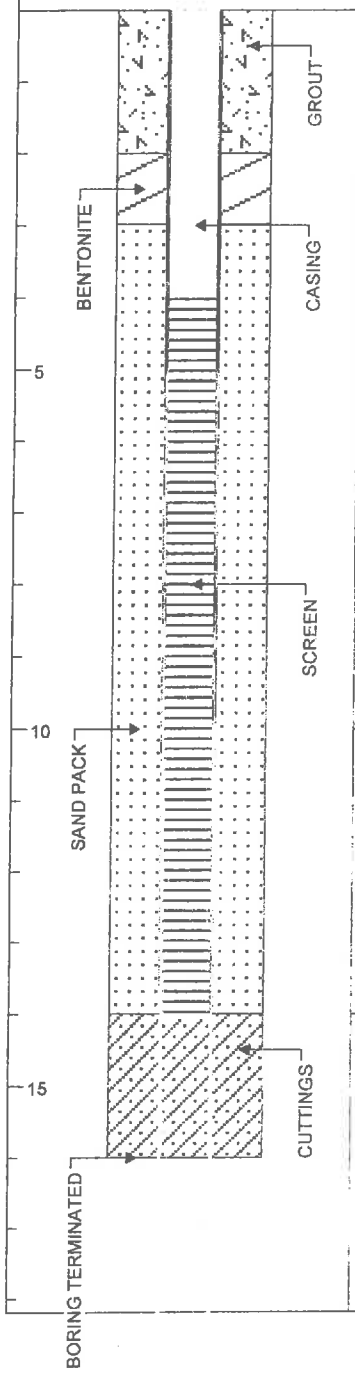
Project: Dunn-Erwin Landfill | BORING: MW-56 | Page: 1 of 1

Drilling Co.: J&L Drilling Co. | Date Started: 6-29-10

Drilling Method: Truck Mounted HSA | Date Completed: 6-29-10

Location: DELF | Logged By: RLS

Surface Elev.: 195.59 | TOC Elev.: 198.11 | Project #: 3002B



ELEVATION	DESCRIPTION	N-VALUE	USCS SYMBOL	MOISTURE
	TOPSOIL Brown	13		
194.090				
193.590	**SAND** Brown		SW	Moist
	Clayey SAND Brown, Orange, Gray Mottled	9		
		17	SC	Wet
189.590				
	Silty SAND Gray-Orange W/ Mica	11		
		28	SM	Moist
185.590				
	Clayey SAND Orange-Gray some Organics. From 12' mostly Gray with no Organics	34		
		49	SC	Moist
181.590				
		52		

Boring Log and Well Construction Details

C.T. Clayton, Sr., P.E., Inc.
46 W. Washington St.
Coats, NC 27521
Phone: 910-897-7070
Fax: 910-897-6767

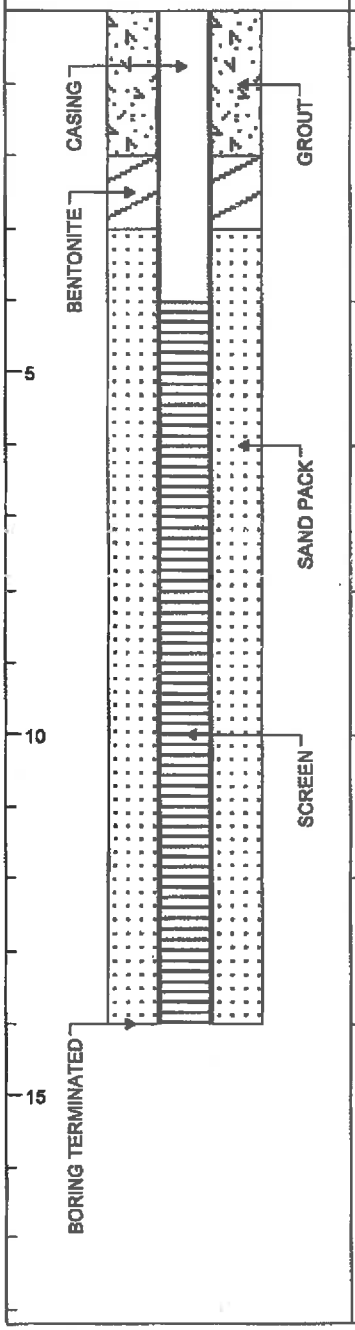
Project: Dunn-Erwin Landfill | BORING: MW-57 | Page: 1 of 1

Drilling Co.: J&L Drilling Co. | Date Started: 6-29-10

Drilling Method: Truck Mounted HSA | Date Completed: 6-29-10

Location: DELF | Logged By: RLS

Surface Elev.: 198.88 | TOC Elev.: 201.33 | Project #: 3002B



ELEVATION	DESCRIPTION	N-VALUE	USCS SYMBOL	MOISTURE
198.380	**TOPSOIL** Brown			
	Clayey SAND Orange-Red	63	SC	Moist
		20		
194.880	**CLAY** Gray-Brown-Orange Mottled	8	CL	Wet
192.880	**Elastic SILT** Brown-Gray Mottled	16	ML	Moist
190.880	**Silty SAND** Brown-Gray Mottled w/Mica	62	SM	Moist
188.880	**Clayey SAND** Brown-Orange w/Mica	45	SC	
186.880	**SILT** Gray w/Mica	32	ML	Moist
184.880				

Boring Log and Well Construction Details

C.T. Clayton, Sr., P.E., Inc.
46 W. Washington St.
Coats, NC 27521
Phone: 910-897-7070
Fax: 910-897-6767

Appendix B

Biochlor Models

Corrective Action Evaluation Report
Harnett County Dunn Erwin Landfill
Harnett County, North Carolina

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Start Here → ◉ PCE
○ TCE
○ DCE
○ VC
○ ETH

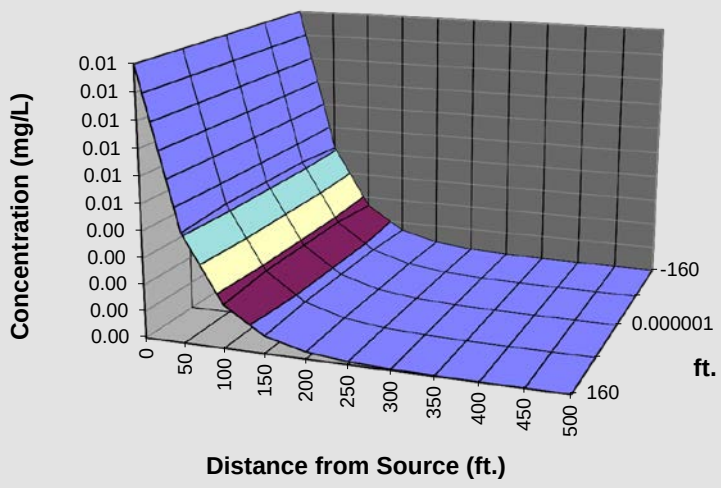
DISSOLVED SOLVENT CONCENTRATIONS IN PLUME

Transverse Distance (ft) ↓	*Distance from Source (ft)* 0	50	100	150	200	250	300	350	400	450	500
160	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-80	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-160	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MASS RATE (mg/day)	8.2E+1	3.4E+1	1.4E+1	5.9E+0	2.5E+0	1.0E+0	4.3E-1	1.7E-1	7.0E-2	2.7E-2	1.0E-2

Show No

Show

Time: 10 yr Target Level: **0.005** mg/L Displayed Model: **Biotransformation** Displayed Compound: **PCE**



Plume Mass (Order-of-Magnitude Accuracy)

See

Plume Mass If No Degradation	0.3	*(Kg)*
- Plume Mass If Biotransformation/Production	0.1	*(Kg)*
Mass Removed	0.3	*(Kg)*
% Biotransformed =	**+75.0%**	
% Change in Mass Rate =	**100.0 %** (source to edge)	

If "Can't Calc.", make model area longer

See acre-ft

Current Volume of Ground Water in Plume	1.05	*MGal*
Flow Rate of Water Through Source Area	0.002	*MGD*

Compare to Pump and Treat

Pumping Rate		*(gpm)*
# Pore Volumes Removed Per Yr.	0.00	
# Pore Volumes to Clean-Up		
Clean-Up Time		*(yr)*

Plot All Data Plot Data > Target Mass HELP To Centerline Return to Input

Start Here → ○ PCE ◉ TCE ○ DCE ○ VC ○ ETH

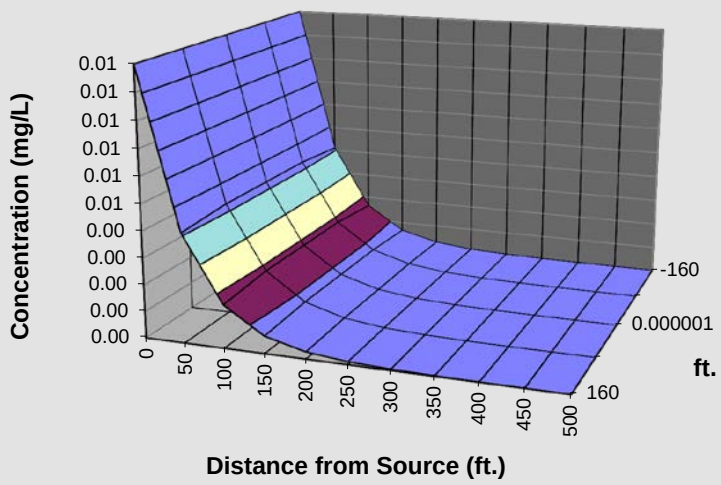
DISSOLVED SOLVENT CONCENTRATIONS IN PLUME

Transverse Distance (ft) ↓	*Distance from Source (ft)* 0	50	100	150	200	250	300	350	400	450	500
160	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-80	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-160	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MASS RATE (mg/day)	8.2E+1	3.4E+1	1.4E+1	5.9E+0	2.5E+0	1.0E+0	4.3E-1	1.7E-1	7.0E-2	2.7E-2	1.0E-2

Show No

Show

Time: 10 yr Target Level: **0.005** mg/L Displayed Model: **Biotransformation** Displayed Compound: **TCE**



Plume Mass (Order-of-Magnitude Accuracy)

See

Plume Mass If No Degradation	0.3	*(Kg)*
- Plume Mass If Biotransformation/Production	0.2	*(Kg)*
Mass Removed	0.2	*(Kg)*
% Biotransformed =	**+55.3%**	
% Change in Mass Rate =	**100.0 %** (source to edge)	

If "Can't Calc.", make model area longer

See acre-ft

Current Volume of Ground Water in Plume	1.05	*MGal*
Flow Rate of Water Through Source Area	0.002	*MGD*

Compare to Pump and Treat

Pumping Rate		*(gpm)*
# Pore Volumes Removed Per Yr.	0.00	
# Pore Volumes to Clean-Up		
Clean-Up Time		*(yr)*

Plot All Data Plot Data > Target Mass HELP To Centerline Return to Input

Start Here → PCE / TCE / DCE / VC / ETH

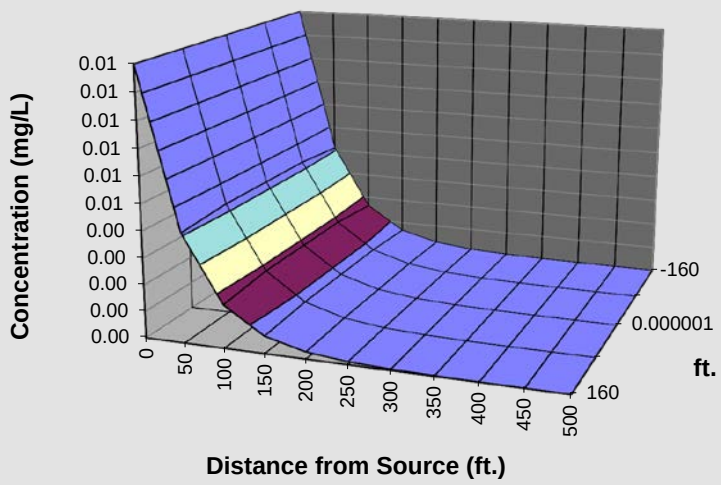
DISSOLVED SOLVENT CONCENTRATIONS IN PLUME

Transverse Distance (ft) ↓	Distance from Source (ft) 0	50	100	150	200	250	300	350	400	450	500
160	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-80	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-160	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MASS RATE (mg/day)	8.2E+1	3.4E+1	1.4E+1	5.9E+0	2.5E+0	1.0E+0	4.3E-1	1.7E-1	7.0E-2	2.7E-2	1.0E-2

Show No

Show

Time: 10 yr Target Level: 0.070 mg/L Displayed Model: Biotransformation Displayed Compound: DCE



Plume Mass (Order-of-Magnitude Accuracy)

See

Plume Mass If No Degradation	0.3	(Kg)
- Plume Mass If Biotransformation/Production	0.1	(Kg)
Mass Removed	0.3	(Kg)
% Biotransformed =	+78.0%	
% Change in Mass Rate =	100.0 % (source to edge)	

If "Can't Calc.", make model area longer

See acre-ft

Current Volume of Ground Water in Plume	1.05	MGal
Flow Rate of Water Through Source Area	0.002	MGD

Compare to Pump and Treat

Pumping Rate		(gpm)
# Pore Volumes Removed Per Yr.	0.00	
# Pore Volumes to Clean-Up		
Clean-Up Time		(yr)

Plot All Data Plot Data > Target Mass HELP To Centerline Return to Input

Start Here → ○ PCE ○ TCE ○ DCE ◉ VC ○ ETH

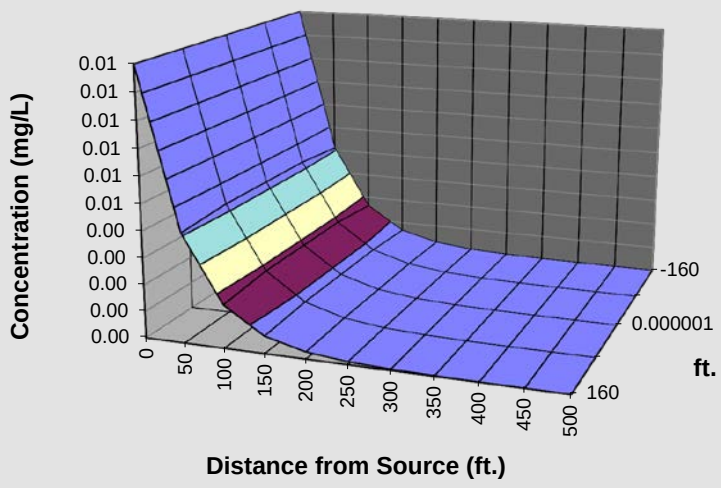
DISSOLVED SOLVENT CONCENTRATIONS IN PLUME

Transverse Distance (ft) ↓	*Distance from Source (ft)* 0	50	100	150	200	250	300	350	400	450	500
160	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-80	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-160	0.010	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MASS RATE (mg/day)	8.2E+1	3.4E+1	1.4E+1	5.9E+0	2.5E+0	1.0E+0	4.3E-1	1.7E-1	7.0E-2	2.7E-2	1.0E-2

Show No

Show

Time: 10 yr Target Level: **0.002** mg/L Displayed Model: **Biotransformation** Displayed Compound: **VC**



Plume Mass (Order-of-Magnitude Accuracy)

See

Plume Mass If No Degradation	0.3	*(Kg)*
- Plume Mass If Biotransformation/Production	0.1	*(Kg)*
Mass Removed	0.3	*(Kg)*
% Biotransformed =	**+72.8%**	
% Change in Mass Rate =	**100.0 %** (source to edge)	

If "Can't Calc.", make model area longer

See acre-ft

Current Volume of Ground Water in Plume	1.05	*MGal*
Flow Rate of Water Through Source Area	0.002	*MGD*

Compare to Pump and Treat

Pumping Rate		*(gpm)*
# Pore Volumes Removed Per Yr.	0.00	
# Pore Volumes to Clean-Up		
Clean-Up Time		*(yr)*

Plot All Data Plot Data > Target Mass HELP To Centerline Return to Input

Start Here → ◉ PCE
○ TCE
○ DCE
○ VC
○ ETH

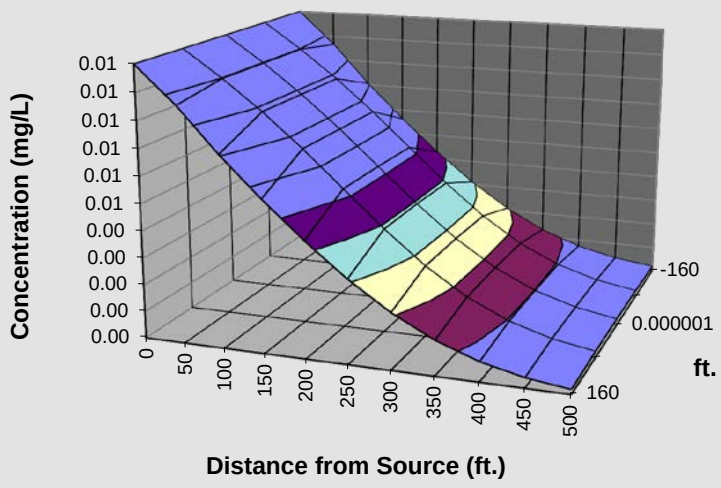
DISSOLVED SOLVENT CONCENTRATIONS IN PLUME

Transverse Distance (ft) ↓	*Distance from Source (ft)* 0	50	100	150	200	250	300	350	400	450	500
160	0.010	0.009	0.007	0.006	0.004	0.003	0.002	0.001	0.001	0.000	0.000
80	0.010	0.009	0.008	0.007	0.005	0.004	0.003	0.002	0.001	0.001	0.000
0	0.010	0.009	0.008	0.007	0.005	0.004	0.003	0.002	0.001	0.001	0.000
-80	0.010	0.009	0.008	0.007	0.005	0.004	0.003	0.002	0.001	0.001	0.000
-160	0.010	0.009	0.007	0.006	0.004	0.003	0.002	0.001	0.001	0.000	0.000
MASS RATE (mg/day)	8.2E+1	7.3E+1	6.2E+1	5.1E+1	4.0E+1	2.9E+1	2.0E+1	1.3E+1	7.2E+0	3.7E+0	1.8E+0

Show No

Show

Time: 10 yr Target Level: **0.005** mg/L Displayed Model: **Biotransformation** Displayed Compound: **PCE**



Plume Mass (Order-of-Magnitude Accuracy)

See

Plume Mass If No Degradation	0.3	*(Kg)*
- Plume Mass If Biotransformation/Production	0.3	*(Kg)*
Mass Removed	0.1	*(Kg)*

If "Can't Calc.", make model area longer

% Biotransformed = **+14.7%**

% Change in Mass Rate = **97.9 %** (source to edge)

See acre-ft

Current Volume of Ground Water in Plume	4.82	*MGal*
Flow Rate of Water Through Source Area	0.002	*MGD*

Compare to Pump and Treat

Pumping Rate		*(gpm)*
# Pore Volumes Removed Per Yr.	0.00	
# Pore Volumes to Clean-Up		
Clean-Up Time		*(yr)*

Plot All Data Plot Data > Target Mass HELP To Centerline Return to Input

Start Here → ○ PCE ◉ TCE ○ DCE ○ VC ○ ETH

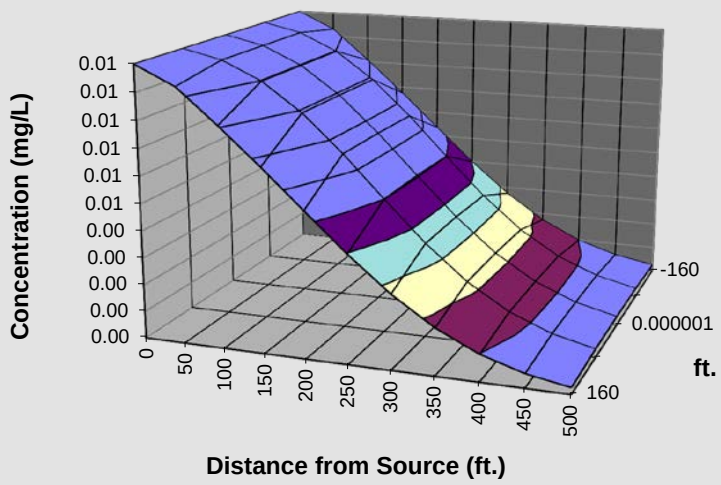
DISSOLVED SOLVENT CONCENTRATIONS IN PLUME

Transverse Distance (ft) ↓	*Distance from Source (ft)* 0	50	100	150	200	250	300	350	400	450	500
160	0.010	0.009	0.008	0.007	0.005	0.004	0.003	0.002	0.001	0.001	0.000
80	0.010	0.010	0.009	0.008	0.007	0.005	0.004	0.002	0.001	0.001	0.000
0	0.010	0.010	0.009	0.008	0.007	0.005	0.004	0.002	0.001	0.001	0.000
-80	0.010	0.010	0.009	0.008	0.007	0.005	0.004	0.002	0.001	0.001	0.000
-160	0.010	0.009	0.008	0.007	0.005	0.004	0.003	0.002	0.001	0.001	0.000
MASS RATE (mg/day)	8.2E+1	7.8E+1	7.1E+1	6.1E+1	5.0E+1	3.8E+1	2.6E+1	1.7E+1	9.8E+0	5.1E+0	2.4E+0

Show No

Show

Time: 10 yr Target Level: **0.005** mg/L Displayed Model: **Biotransformation** Displayed Compound: **TCE**



Plume Mass (Order-of-Magnitude Accuracy)

See

Plume Mass If No Degradation	0.3	*(Kg)*
- Plume Mass If Biotransformation/Production	0.3	*(Kg)*
Mass Removed	0.0	*(Kg)*
% Biotransformed =	**+0.2%**	
% Change in Mass Rate =	**97.0 %**	(source to edge)

If "Can't Calc.", make model area longer

See acre-ft

Current Volume of Ground Water in Plume	5.86	*MGal*
Flow Rate of Water Through Source Area	0.002	*MGD*

Compare to Pump and Treat

Pumping Rate		*(gpm)*
# Pore Volumes Removed Per Yr.	0.00	
# Pore Volumes to Clean-Up		
Clean-Up Time		*(yr)*

Plot All Data Plot Data > Target Mass HELP To Centerline Return to Input

Start Here → ○ PCE ○ TCE ◉ DCE ○ VC ○ ETH

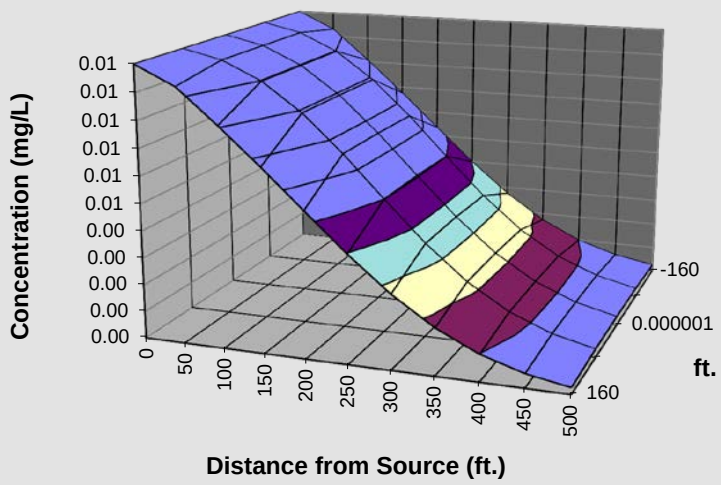
DISSOLVED SOLVENT CONCENTRATIONS IN PLUME

Transverse Distance (ft) ↓	*Distance from Source (ft)* 0	50	100	150	200	250	300	350	400	450	500
160	0.010	0.009	0.008	0.007	0.005	0.004	0.003	0.002	0.001	0.001	0.000
80	0.010	0.010	0.009	0.008	0.007	0.005	0.004	0.002	0.001	0.001	0.000
0	0.010	0.010	0.009	0.008	0.007	0.005	0.004	0.002	0.001	0.001	0.000
-80	0.010	0.010	0.009	0.008	0.007	0.005	0.004	0.002	0.001	0.001	0.000
-160	0.010	0.009	0.008	0.007	0.005	0.004	0.003	0.002	0.001	0.001	0.000
MASS RATE (mg/day)	8.2E+1	7.8E+1	7.1E+1	6.1E+1	5.0E+1	3.8E+1	2.6E+1	1.7E+1	9.8E+0	5.1E+0	2.4E+0

Show No

Show

Time: 10 yr Target Level: **0.070** mg/L Displayed Model: **Biotransformation** Displayed Compound: **DCE**



Plume Mass (Order-of-Magnitude Accuracy)

See

Plume Mass If No Degradation	0.3	*(Kg)*
- Plume Mass If Biotransformation/Production	0.3	*(Kg)*
Mass Removed	0.1	*(Kg)*

If "Can't Calc.", make model area longer

% Biotransformed = **+24.8%**

% Change in Mass Rate = **97.0 %** (source to edge)

See acre-ft

Current Volume of Ground Water in Plume	5.86	*MGal*
Flow Rate of Water Through Source Area	0.002	*MGD*

Compare to Pump and Treat

Pumping Rate		*(gpm)*
# Pore Volumes Removed Per Yr.	0.00	
# Pore Volumes to Clean-Up		
Clean-Up Time		*(yr)*

Plot All Data Plot Data > Target Mass HELP To Centerline Return to Input

Start Here → ○ PCE ○ TCE ○ DCE ◉ VC ○ ETH

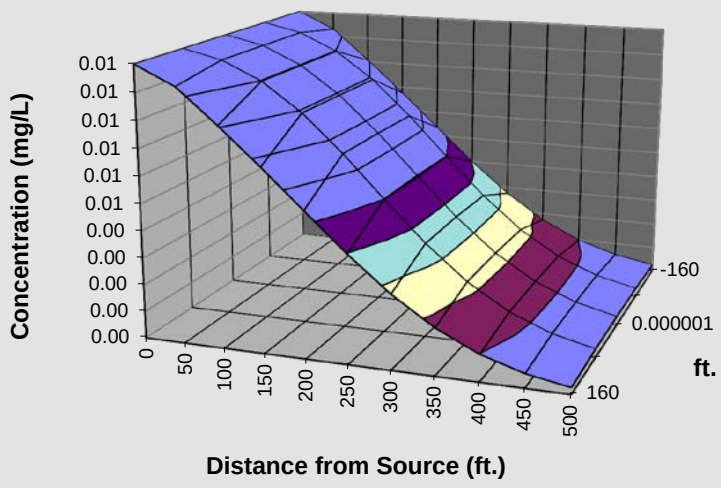
DISSOLVED SOLVENT CONCENTRATIONS IN PLUME

Transverse Distance (ft) ↓	*Distance from Source (ft)* 0	50	100	150	200	250	300	350	400	450	500
160	0.010	0.009	0.008	0.007	0.005	0.004	0.003	0.002	0.001	0.001	0.000
80	0.010	0.010	0.009	0.008	0.007	0.005	0.004	0.002	0.001	0.001	0.000
0	0.010	0.010	0.009	0.008	0.007	0.005	0.004	0.002	0.001	0.001	0.000
-80	0.010	0.010	0.009	0.008	0.007	0.005	0.004	0.002	0.001	0.001	0.000
-160	0.010	0.009	0.008	0.007	0.005	0.004	0.003	0.002	0.001	0.001	0.000
MASS RATE (mg/day)	8.2E+1	7.8E+1	7.1E+1	6.1E+1	5.0E+1	3.8E+1	2.6E+1	1.7E+1	9.8E+0	5.1E+0	2.4E+0

Show No

Show

Time: 10 yr Target Level: **0.002** mg/L Displayed Model: **Biotransformation** Displayed Compound: **VC**



Plume Mass (Order-of-Magnitude Accuracy)

See

Plume Mass If No Degradation	0.3	*(Kg)*
- Plume Mass If Biotransformation/Production	0.3	*(Kg)*
Mass Removed	0.0	*(Kg)*

If "Can't Calc.", make model area longer

% Biotransformed = **+5.6%**

% Change in Mass Rate = **97.0 %** (source to edge)

See acre-ft

Current Volume of Ground Water in Plume	5.86	*MGal*
Flow Rate of Water Through Source Area	0.002	*MGD*

Compare to Pump and Treat

Pumping Rate		*(gpm)*
# Pore Volumes Removed Per Yr.	0.00	
# Pore Volumes to Clean-Up		
Clean-Up Time		*(yr)*

Plot All Data Plot Data > Target Mass HELP To Centerline Return to Input