

Coke Point and Greys Landfills Semi-Annual Groundwater Monitoring Report 1st Half 2013

Prepared for:

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Coke Point and Greys Landfills Semi-Annual Groundwater Monitoring Report 1st Half 2013

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1.0 Introduction

This report presents January - June 2013 semi-annual groundwater monitoring results for the Coke Point and Greys Landfills at the Sparrows Point facility. Groundwater data and analysis is included that is meant to fulfill the applicable ongoing groundwater compliance monitoring requirements for the landfills as outlined in the Coke Point and Greys Landfill Sampling Plan letter received from the Maryland Department of the Environment (MDE) on December 3, 2012.

The following data collection activities occurred during the first half of 2013:

- water level measurements in groundwater monitoring wells;
- sampling of groundwater monitoring wells; and
- laboratory analysis of monitoring well samples.

Results of the above investigations are described and presented in this report. This report:

- Provides field data sheets and laboratory reports documenting groundwater sample collection;
- Presents the water level data collected;
- Provides laboratory reports for sample analyses;
- Tabulates laboratory analytical data in time-series format;
- Discusses the water quality results;
- Includes location maps for the landfills with monitoring well locations posted;
- Includes groundwater contour maps for the shallow zone and intermediate groundwater zones at the landfills; and
- Includes other figures developed to present the monitoring information.

2.0 Site Description

Coke Point Landfill occupies land on the southern edge of the Sparrows Point property (Figure 1). Coke Point Landfill was used for disposal of non-hazardous industrial waste generated on-site during steel production. Recent activities include recycling efforts to recover iron bearing materials from the landfill.

Greys Landfill occupies approximately 40 acres on the north side of the Sparrows Point property located in southeastern Baltimore County, between I-695 and the Peninsula Expressway (Figure 1). Greys Landfill has been used for the disposal of industrial waste generated on-site during steel production and is currently being utilized for ongoing non-hazardous waste disposal associated with the continuing operation of the wastewater treatment facility and demolition activities.

Monitoring well location maps are included for Coke Point and Greys Landfills (Figures 2 and 3 respectively). The maps have been annotated to show the surveyed locations of groundwater monitoring wells installed to provide monitoring data for the landfills. Groundwater at the landfill sites is monitored via a series of monitoring wells, which are mostly completed in clusters, with one shallow well and one or more intermediate wells. The shallow wells are completed with well screens situated to monitor the unconfined shallow groundwater zone. These are considered water table wells. Well screens in the shallow monitoring wells typically straddle elevation 0. The intermediate wells are completed with well screens in native sand layers at screen top elevations ranging from roughly -10 to -60 feet in depth. Among the intermediate wells, the deeper screens are generally located near the southern edge of Coke Point Landfill. Between the shallow and the intermediate well screens there are generally one or more layers of low permeability materials that restrict groundwater communication vertically.

3.0 Groundwater Monitoring Procedures

3.1 Coke Point Landfill

Nineteen wells were sampled in March 2013 at Coke Point Landfill for the 1st half 2013 semi-annual monitoring effort. A summary of the monitor well construction details is presented in Table 1.

The monitoring parameters for the site were specified in the December 3, 2012 MDE letter and included Table I (Volatile Organic Compounds) and Table II (Elements and Indicator Parameters). In addition, five groundwater monitoring wells were selected for sampling and analysis of Semi-Volatile Organic Compounds. The wells were selected based on notable detections of semi-volatile organic compounds from review of historical data at the landfill.

Data summary tables presenting the monitoring well groundwater sampling results in time-series format are presented in Appendix A (Table I Volatile Organic Compounds), Appendix B (Table II Elements and Indicator Parameters), and Appendix C (Semi-Volatile Organic Compounds). To ease visual review of the tables, the data are separated so that time series results for an individual well are contained on the same table. Analyses were performed by Pace Laboratories, Inc. using EPA methods.

3.2 Greys Landfill

Thirty wells were sampled in March 2013 at Greys Landfill for the 1st half 2013 semi-annual monitoring effort. A summary of the monitor well construction details is presented in Table 2.

The monitoring parameters for the site were specified in the December 3, 2012 MDE letter and included Table I (Volatile Organic Compounds) and Table II (Elements and Indicator Parameters). In addition, six groundwater monitoring wells were selected for sampling and analysis of Semi-Volatile Organic Compounds. The wells were selected based on notable detections of semi-volatile organic compounds from review of historical data at the landfill.

Data summary tables are presenting the monitoring well groundwater sampling results in time-series format are presented in Appendix D (Table I Volatile Organic Compounds), Appendix E (Table II Elements and Indicator Parameters), and Appendix F (Semi-Volatile Organic Compounds). To ease visual review of the tables, the data are separated so that time series results for an individual well are contained on the same table. Analyses were performed by Pace Laboratories, Inc. using EPA methods.

3.3 Groundwater Sampling Procedures

Groundwater levels were measured and recorded prior to sampling a monitoring well. Water levels were measured with an electronic tape to the nearest 0.01-foot. Water levels were referenced to the top of the surveying inner casing of the wells. Data for groundwater levels as collected in the 1st half of 2013 is tabulated and compared to previous data in Table 3 for Coke Point Landfill and Table 4 for Greys Landfill.

Groundwater samples were collected using a low-flow technique. CSI Environmental, LLC (CSI) personnel utilized a peristaltic pump with dedicated disposable tubing to purge the monitoring wells at a reported purge rate of 150 milliliters per minute. Purging continued until field water quality parameters pH, temperature, dissolved oxygen, specific conductance, salinity, total dissolved solids (TDS), and oxidation-reduction potential (ORP) were stable. Field water quality parameters were monitored in the field by directing the pump discharge into a flow-through cell. A measurement for each field water quality parameter was recorded at a frequency of once every five minutes. After three consecutive measurements indicated stability (defined as variance of less than ten percent for all parameters) the sample was collected. Field data sheets documenting the sample collection are presented in Appendix G.

Samples were collected in laboratory-provided bottle ware and labeled. Care was taken to control flow rates so as to not over-top pre-preserved bottles. A chain of custody form was completed indicating sample number, date, time, and the analyses required. Samples were stored on ice in a cooler until shipped to PACE Analytical Services, Inc. for analysis. Laboratory Certificates of Analysis and Chain of Custody forms are provided in Appendix H.

4.0 Groundwater Data Evaluation

Depth to water measurements and groundwater monitoring well survey data were used to calculate groundwater elevations and develop groundwater contour maps for the landfills. One groundwater contour map was developed for the shallow groundwater zone and a second map was developed for the intermediate groundwater zone.

Analytical data from samples have been tabulated and evaluated with respect to detections of organic and inorganic compounds. An interpretive discussion of the findings is provided in the following sections.

4.1 Coke Point Landfill

4.1.1 Groundwater Elevations and Contours

Groundwater elevations for the Coke Point Landfill monitoring wells collected during the first half of 2013 assessment event are presented in Table 3. These data are shown on groundwater contour maps for the shallow groundwater zone (Figure 4) and the intermediate groundwater zone (Figure 5). Vertical survey data are referenced to the NAVD 1988 datum.

Groundwater elevations associated with the shallow wells are shown on Figure 4. In general, the groundwater elevations are flat with no apparent flow gradient. The elevations ranged between 0.09 to 0.77 feet with differences less than 1 foot between all the shallow wells. Flow directions could not be readily defined based on the elevation data.

Groundwater elevations for the intermediate wells are presented on Figure 5. Groundwater elevations for the intermediate wells are between 0.10 to 1.63 feet, revealing a very flat gradient in this groundwater zone. With the very flat gradient, groundwater flow directions are not readily discernible in the intermediate groundwater zone beneath the landfill.

Groundwater elevations in the shallow wells in each cluster were relatively similar to the groundwater elevations in the corresponding intermediate well (Table 3). These elevations indicate limited potential for downward migration of groundwater from the shallow wells towards the intermediate wells.

4.1.2 Groundwater Quality Evaluation

Volatil Organic Compounds

Volatil organic compound (VOCs) results for Coke Point Landfill are presented in Appendix A and posted on maps for shallow (Figure 6) and intermediate (Figure 7) wells to facilitate the review of impact to groundwater in these zones. Data posted on Figures 6 and

7 include only the maximum concentration of any individual VOC compound for the 1st half 2013 period.

VOC results are shown for the shallow groundwater monitoring wells at Coke Point Landfill in Figure 6. Benzene and acetone were the most commonly identified volatile compound. The highest VOC concentration detected in the shallow zone monitoring wells was 23,900 ug/L benzene at well CP08-PZM008. Historical data indicates that benzene values for this monitoring well have ranged between 15,000 ug/L to 23,900 ug/L. Other benzene values were much lower, ranging between 16.5 ug/L to 547 ug/L.

For the shallow zone, review of Figure 6 shows that the most impacted well (CP08-PZM008) is located on the east side of the landfill approximately 1200 feet from the closest shoreline located to the south of the monitoring well. Groundwater in this area has a flat gradient but can be interpreted to be flowing to the south towards the shoreline. The two monitoring wells south of CP08-PZM008 have notably lower VOC concentrations providing evidence that the VOC impact is attenuated with distance from CP08-PZM008.

VOC results are shown for the intermediate groundwater monitoring wells at Coke Point Landfill in Figure 7. The highest VOC concentration detected in the intermediate zone monitoring wells was 229 ug/L benzene at well CP16-PZM035. Historical data indicates that benzene values for this monitoring well have ranged between 229 ug/L to 290 ug/L.

VOC groundwater concentrations are lower in the intermediate zone than in the shallow zone, with the highest individual VOC concentration in March 2013 being 229 ug/L benzene in CP16-PZM035. All other intermediate monitoring wells have maximum VOC concentrations less than 38 ug/L. VOC impact to the intermediate wells is relatively muted.

SVOCs

Semi volatile organic compounds (SVOCs) results for Coke Point Landfill are presented in Appendix B. SVOCs compounds are not listed as part of the Table I and Table II requirements outlined in the December 3, 2012 letter; however a subset of the groundwater monitoring wells was sampled based on recommendations from a previous groundwater compliance report for Coke Point Landfill published in 2011.

Five groundwater monitoring wells had samples collected and analyzed for SVOCs during the March 2013 sampling event. The wells sampled for SVOCs include CP05-PZM008, CP07-PZM006, CP08-PZM008 and CP15-PZM020 located in the shallow zone and well CP16-PZM035 located in the intermediate zone. SVOC results for the Coke Point Landfill are posted on the maps for shallow (Figure 6) and intermediate (Figure 7) wells to facilitate the review of impact to groundwater in these zones.

SVOCs were detected in the five groundwater monitoring wells. In general, the wells with SVOC detections are also wells with VOC detections. Water table wells generally have higher SVOC concentrations than intermediate wells. The highest SVOC concentration detected among the five wells that were sampled was 273 ug/L naphthalene at well CP08-

PZM008, which is located in the shallow zone. Historical data indicates that naphthalene values for this monitoring well have ranged between 190 ug/L to 450 ug/L.

Inorganics

Inorganic compound data for Coke Point Landfill are presented in Appendix C. Individual results for arsenic, chromium and lead are posted on maps for shallow (Figure 8) and intermediate (Figure 9) groundwater monitoring wells to facilitate the review of impact to groundwater in these zones. These metals were selected as representative analytes that provide notable indications of impacts to groundwater either from former site activities or baseline conditions at the site.

Review of the data tables in Appendix C reveals that detections of individual metals are sporadic at the landfill location, indicated limited inorganic compounds impacts to groundwater from the site activities. Review of the representative metal data shown in Figure 8 for the shallow groundwater zone indicates that all three indicator metals were below detection limits in six monitoring wells; two wells had one detection; one well had two detections and one well had detections for all three indicator metals. The monitoring well with detections for all three indicator metals was CP15-PZM020. The highest concentration for all three indicator metals was 0.031 mg/L of Lead at CP09-PZM010. Historical data indicates that lead values for this monitoring well have ranged between 0.007 mg/L to 0.074 mg/L.

Representative metal compounds were not detected in the intermediate groundwater wells at Coke Point Landfill (Figure 9). These results confirm limited impacts to intermediate groundwater from site activities and correspond with the lack of vertical groundwater gradient for this area documented from groundwater elevation data.

4.2. Greys Landfill

4.2.1 Groundwater Elevations and Contours

Groundwater elevations for the Greys Landfill monitoring wells collected during the first half of 2013 assessment event are presented in Table 4. These data were developed into a groundwater contour map for the shallow groundwater zone (Figure 10) and the intermediate groundwater zone (Figure 11). Vertical survey data are referenced to the NAVD 1988 datum.

Figure 10 shows representative groundwater levels and groundwater contours for the shallow zone monitoring wells. In general, a water table mound is present beneath the landfill, and groundwater in the shallow zone flows radially from the landfill. Groundwater from beneath the northern and western sides of the landfill appears to largely flow towards Bear Creek to the northwest of the landfill. Shallow groundwater from beneath the southeastern side of the landfill appears to flow to the southeast; the discharge area for this southeasterly-flowing groundwater is not certain, although it could discharge into manmade drainage ditches or possibly be part of groundwater flow controlled by adjacent surface water drainage features.

Groundwater elevations for the intermediate wells are presented on Figure 11. Groundwater elevations for all but four of the fourteen intermediate wells are between -0.71 to 0.79 feet, revealing a very flat gradient in this groundwater zone. A flow trend towards Bear Creek may be present; however, with the flat gradient, groundwater flow directions are not readily discernible in the intermediate groundwater zone beneath the landfill.

Groundwater elevations in intermediate wells GL-03(-16), GL-09(-20), GL-11(-33), and GL-12 (-17) did not fall in the range of -0.71 to 0.79 feet. The groundwater elevations in GL-03(-16) have been consistent, at 3.40 to 4.41 feet from the July 2009 monitoring event to this event. GL-09(-20) and GL-11(-33) have varied over time, water level elevations in the first half of 2013 were 6.25 and 3.12 respectively. The reason for the differing water levels in these three wells is not clear. The intermediate groundwater elevations in well GL-12 (-17) was recorded at -3.39 feet in elevation in the March 2013 event. This result appears to be a field measurement anomaly and will be reviewed further in future monitoring events.

Groundwater elevations in the shallow wells in each cluster are higher than the groundwater elevations in the corresponding intermediate well. (Table 4). This indicates that the potential exists for water table mounding and downward migration of groundwater from the shallow wells towards the intermediate wells. This data also indicates that the intervening (lower permeability) geologic materials between the shallow and intermediate wells screens resist groundwater flow, leading to the measureable difference in groundwater elevations.

4.2.2 Groundwater Quality Evaluation

Volatile Organic Compounds

Volatile organic compound (VOCs) results for Greys Landfill are presented in Appendix D and posted on maps for shallow (Figure 12) and intermediate (Figure 13) wells to facilitate the review of impact to groundwater in these zones. Data posted on Figures 12 and 13 include only the maximum concentration of any individual VOC compound for the 1st half 2013 period.

VOC results are shown for the shallow groundwater monitoring wells at Greys Landfill in Figure 12. For the shallow zone, review of the maps shows that three wells located on the northern side of the landfill exhibit the highest concentrations of VOCs. These wells include GL-08 (-3), GL-17 (-1) and GL-18 (-3). The highest VOC concentration detected was at well GL-17 (-1) which had a benzene concentration of 8,280 ug/L. This well has had historically high benzene concentrations, with little deviation in the concentration values over the last four years. Groundwater in this area is flowing to the northwest. It is evident from the maps that VOC impact is significantly attenuated with distance from the landfill in the shallow zone. There is a significant decrease in VOC concentration as groundwater in the shallow zone moves down gradient from well GL-17 (-1) towards Bear Creek. It is also evident from the maps that there is minimal or no VOC impact in the shallow zone south of the landfill or west of the landfill, adjacent to Bear Creek.

VOC results are shown for the intermediate groundwater monitoring wells at Greys Landfill in Figure 13. For the intermediate zone, VOC concentrations are significantly lower than in the shallow zone, with the highest individual VOC concentration in March 2013 being 48.6 ug/L benzene in GL-17 (-31). Although the water level data cited in Section 4.1 indicate the potential exists for downward migration of groundwater from the shallow wells towards the intermediate wells, the VOC impact to the intermediate wells is relatively muted. This indicates that the intervening (generally lower permeability) geologic materials between the shallow and intermediate well screens resist groundwater flow and contaminant migration.

SVOCs

Semi volatile organic compounds (SVOCs) results for Greys Landfill are presented in Appendix E. SVOCs compounds are not listed as part of the Table I and Table II requirements outlined in the December 3, 2012 letter; however a subset of the groundwater monitoring wells was sampled based on recommendations from a previous groundwater compliance report for Greys Landfill published in 2011.

Six groundwater monitoring wells had samples collected and analyzed for SVOCs during the March 2013 sampling event. The wells sampled for SVOCs include GL-08(-3), GL-09 (-02), GL-17(-1), GL-18(-3) and GL-20(-5) located in the shallow zone and GL-17(-31) located in the intermediate zone. SVOC results for Greys Landfill are posted on the maps for shallow (Figure 12) and intermediate (Figure 13) wells to facilitate the review of impact to groundwater in these zones.

SVOCs were detected in the six groundwater monitoring wells. The data indicate the wells most impacted by SVOCs are GL-08 (-3), GL-17 (-1) and GL-18 (-3) located in the shallow zone, north and northeast of the landfill. The highest SVOC concentration detected in the shallow zone was at well GL-08 (-3) with a naphthalene concentration of 2,580 ug/L. This well has had historically high concentrations of naphthalene, with little to no deviation of the detected values over the past four years.

One well in the intermediate zone was analyzed for SVOCs during the March 2013 sampling event; which was well GL-17 (-31). The only SVOC concentration detected was 3 ug/L of 2,4-Dimethylphenol. Based on review of the historical data for SVOC detections in the intermediate zone, there have been minimal or no SVOC detections since 2010.

Inorganics

Inorganic compound data for Greys Landfill are presented in Appendix F. Individual results for arsenic, chromium and lead are posted on maps for shallow (Figure 14) and intermediate (Figure 15) groundwater monitoring wells to facilitate the review of impact to groundwater in these zones. These metals were selected as representative analytes that provide notable indications of impacts to groundwater either from former site activities or baseline conditions at the site.

Review of the data tables in Appendix F reveals widespread low-level detections of many metals. The hydraulic gradient at the site reveals a groundwater mound in shallow groundwater zones, so up gradient / down gradient comparisons are not direct.

Review of the representative metal data shown in Figure 14 indicates that in the shallow wells all wells except for two had a least one detection of an indicator metal. The highest indicator metal concentration was found in well GL-17 (-1) with an arsenic concentration of 0.016 mg/L. The two wells with indicator metal concentrations below the detection limit were wells GL-13 (+1) and GL-14 (+1).

Representative indicator metal compounds were also detected in the intermediate groundwater with the exception of two locations (Figure 15). The highest indicator metal concentration was found in well GL-11 (-33) with a lead concentration of 0.0148 mg/L. The two wells with indicator metal concentrations below the detection limit were wells GL-12 (-17) and GL-13 (-26). Generally, concentrations of indicator metal compounds were lower in the intermediate groundwater zone than the shallow zone.

5.0 Historical Trends and Analysis

The following sections provide a discussion and analysis of general historical trends in the data by comparing data collected and reported by previous owners of the landfills to the 1st half 2013 data. Analysis, such as intrawell statistical methods, will be completed in the future when additional data has been collected to provide sufficient input for a statistically valid data set.

5.1 Coke Point Landfill

VOC groundwater monitoring data has remained fairly consistent with a possible exception at monitoring well CP08-PZM008 located on the east side of the landfill. This well has shown an increasing concentration of benzene over the last three sampling events, which have occurred between April 2011 and March 2013. Benzene concentrations have risen from a concentration of 15,000 ug/L in April 2011 to a concentration of 23,900 ug/L in March 2013. However, this increasing trend was not consistently noted in the monitoring wells for both the shallow and intermediate zones located in possible downgradient locations adjacent to the shoreline (shallow CP12-PZM012, CP14-PZM009 and intermediate CP12-PZM052, CP14-PZM062 and CP16-PZM035). Wells CP12-PZM012 and CP16-PZM035 exhibited decreasing trends of benzene concentration (58 ug/L to 16.5 ug/L and 290 ug/L to 229 ug/L respectively), CP14-PZM009 was consistent (59 to 59.8 ug/L). Other intermediate wells at Coke Point Landfill have remained at non-detectable levels of benzene.

Historical trends of significance (either increasing or decreasing) were not noted for the SVOC or inorganic groundwater monitoring data for both the shallow and intermediate zone at Coke Point Landfill.

5.2 Greys Landfill

Historical trends observed for Greys Landfill groundwater monitoring data were the consistent detection of VOC and SVOC constituents at wells GL-08 (-3), GL-17 (-1) and GL-18 (-3); all of which are located in the shallow zone. VOC and SVOC data have remained around the same concentrations since July 2009. Well GL-17 (-31), located in the intermediate zone, continues to have VOC and SVOC concentrations above the detection limits. These concentrations are relatively low and also have seen no significant change in concentration since July 2009.

Historical trends of significance (either increasing or decreasing) were not noted for the inorganic groundwater monitoring data for both the shallow and intermediate zone at Greys Landfill.

6.0 Recommendations

The groundwater monitoring program for both Coke Point and Greys Landfills is adequate as currently implemented. Groundwater wells are adequately located to monitor impacts to both shallow and intermediate groundwater zones at potential downgradient locations from the landfills.




Additional semi-annual monitoring data is required to provide statistical trends analyses for the landfills as requested in the MDE correspondence dated December 3, 2012. The monitoring program will be implemented as currently configured in the 2nd half of 2013 to collect additional data.

FIGURES

Landfill Site Location Map






Legend

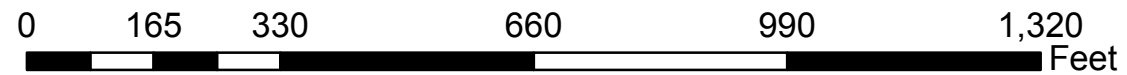
-  Coke Point Landfill Boundary
-  Property Boundary
-  Greys Landfill Boundary



Coke Point Landfill
Monitoring Well Locations

Legend




-  Shallow Monitoring Wells
-  Intermediate Monitoring Wells
-  Landfill Boundary

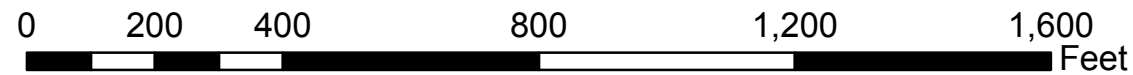




Greys Landfill
Monitoring Well Locations

Legend

-  Shallow Monitoring Wells
-  Intermediate Monitoring Wells
-  Landfill Boundary



1 inch = 300 feet

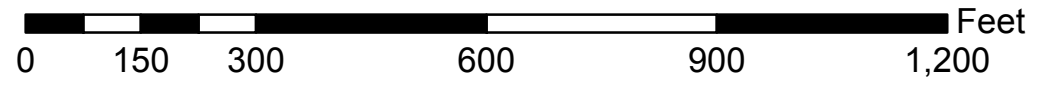


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**Coke Point Landfill
Groundwater Contour Map - Shallow Zone**

Water Levels Recorded 3/18/2013 & 3/19/2013



1 inch = 250 feet

Legend



-  Shallow Monitoring Wells
-  Landfill Boundary



Figure 4

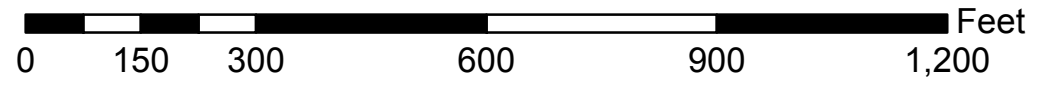


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Coke Point Landfill
Groundwater Contour Map - Intermediate Zone

Water Levels Recorded 3/18/2013 & 3/19/2013



1 inch = 250 feet

Legend



-  Intermediate Monitoring Wells
-  Landfill Boundary



Figure 5

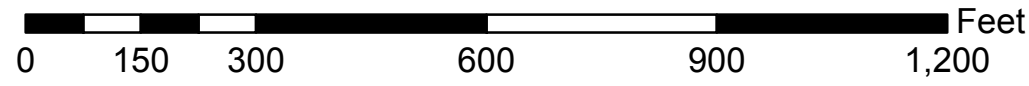


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Coke Point Landfill Notable VOC & SVOC Detections - Shallow Zone

Wells Sampled 3/18/2013 & 3/19/2013



1 inch = 250 feet

Legend



-  Shallow Monitoring Wells
-  Landfill Boundary



Figure 6



Coke Point Landfill
Notable VOC & SVOC Detections - Intermediate Zone
 Wells Sampled 3/18/2013 & 3/19/2013

Legend

- Intermediate Monitoring Wells
- Landfill Boundary

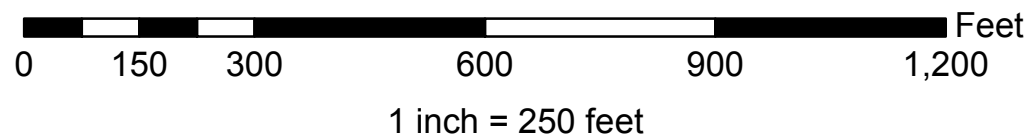


Figure 7

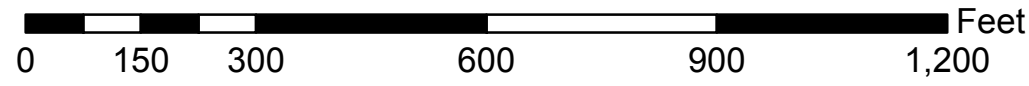


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Coke Point Landfill Notable Indicator Metals Detections - Shallow Zone

Wells Sampled 3/18/2013 & 3/19/2013



1 inch = 250 feet

Legend

- Shallow Monitoring Wells
- Landfill Boundary



Figure 8



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Coke Point Landfill
Notable Indicator Metals Detections - Intermediate Zone
 Wells sampled 3/18/2013 & 3/19/2013

Legend

- Intermediate Monitoring Wells
- Landfill Boundary

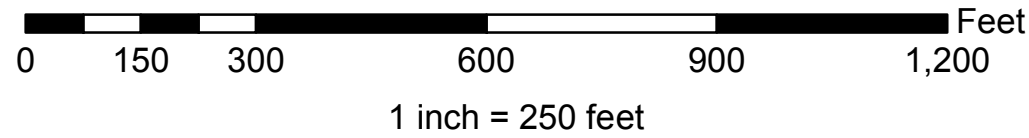
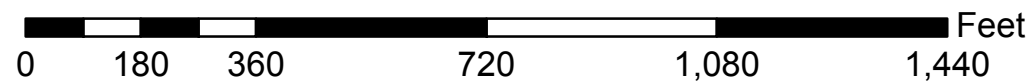


Figure 9



Greys Landfill
Groundwater Contour Map - Shallow Zone

Water Levels Recorded 3/20/2013 & 3/21/2013



1 inch = 300 feet

Legend




-  Shallow Monitoring Wells
-  GW Contours Extrapolated
-  GW Contours

Figure 10



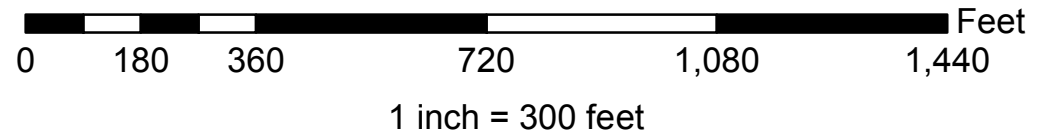
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Greys Landfill
Groundwater Contour Map - Intermediate Zone

Water Levels Recorded 3/20/2013 & 3/21/2013



Legend



-  Intermediate Monitoring Wells
-  GW Contours

Figure 11

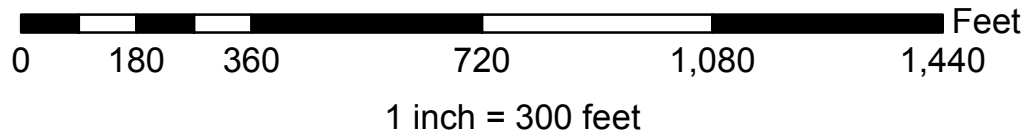


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Greys Landfill Notable VOC & SVOC Detections - Shallow Zone

Wells Sampled 3/20/2013 & 3/21/2013



Legend

Shallow Monitoring Wells

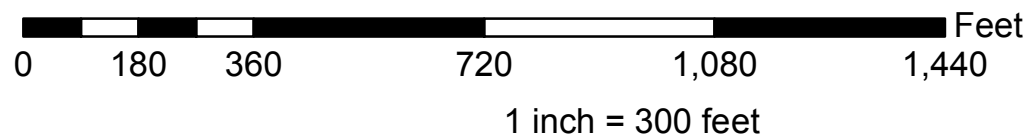


Figure 12



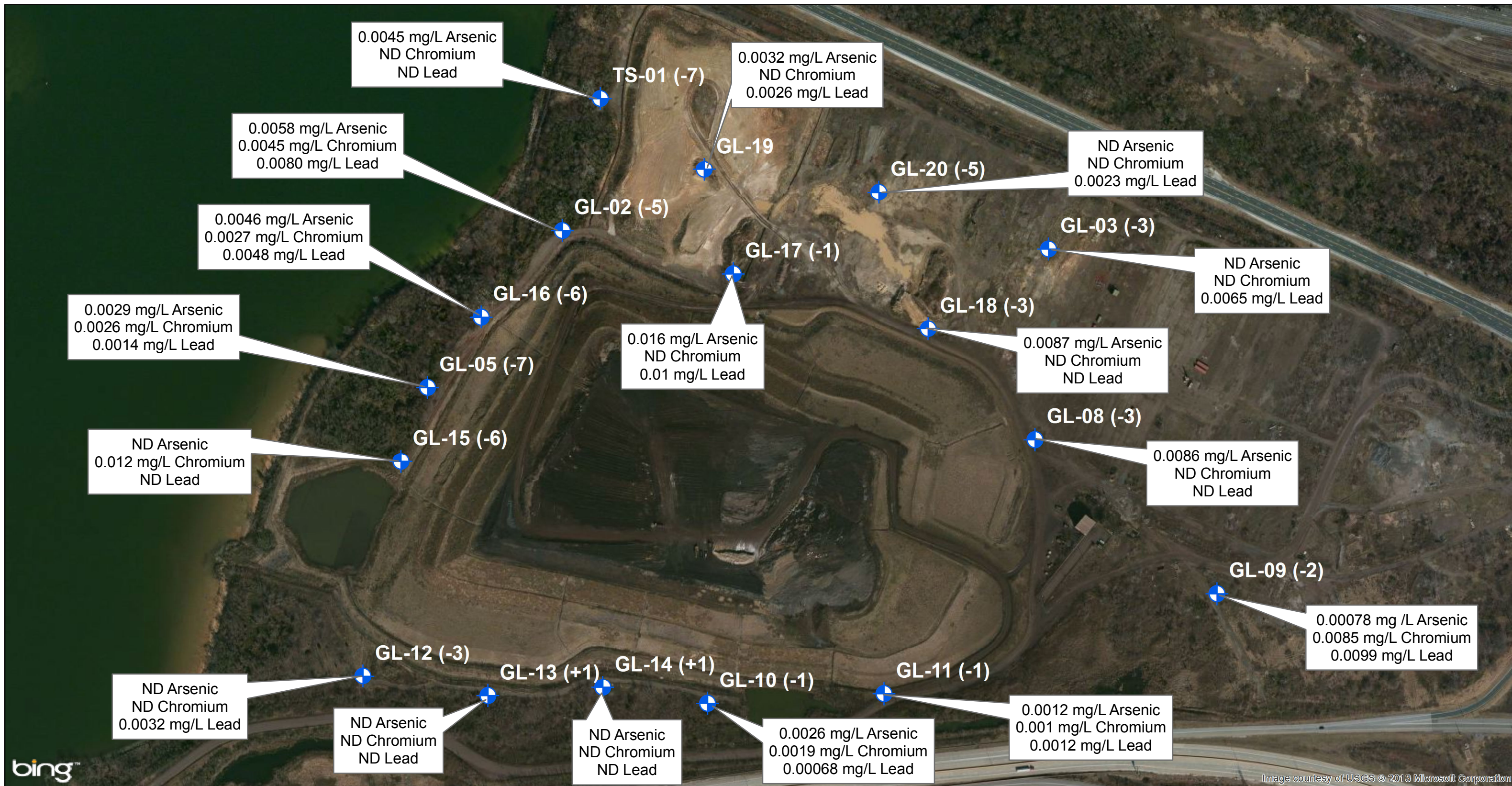
Greys Landfill
Notable VOC & SVOC Detections - Intermediate Zone

Wells Sampled 3/20/2013 & 3/21/2013



Legend

 Intermediate Monitoring Wells



Greys Landfill
Notable Indicator Metals Detections - Shallow Zone

Legend
 Shallow Monitoring Wells

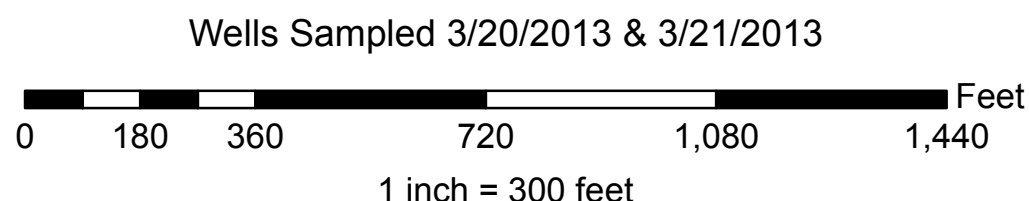
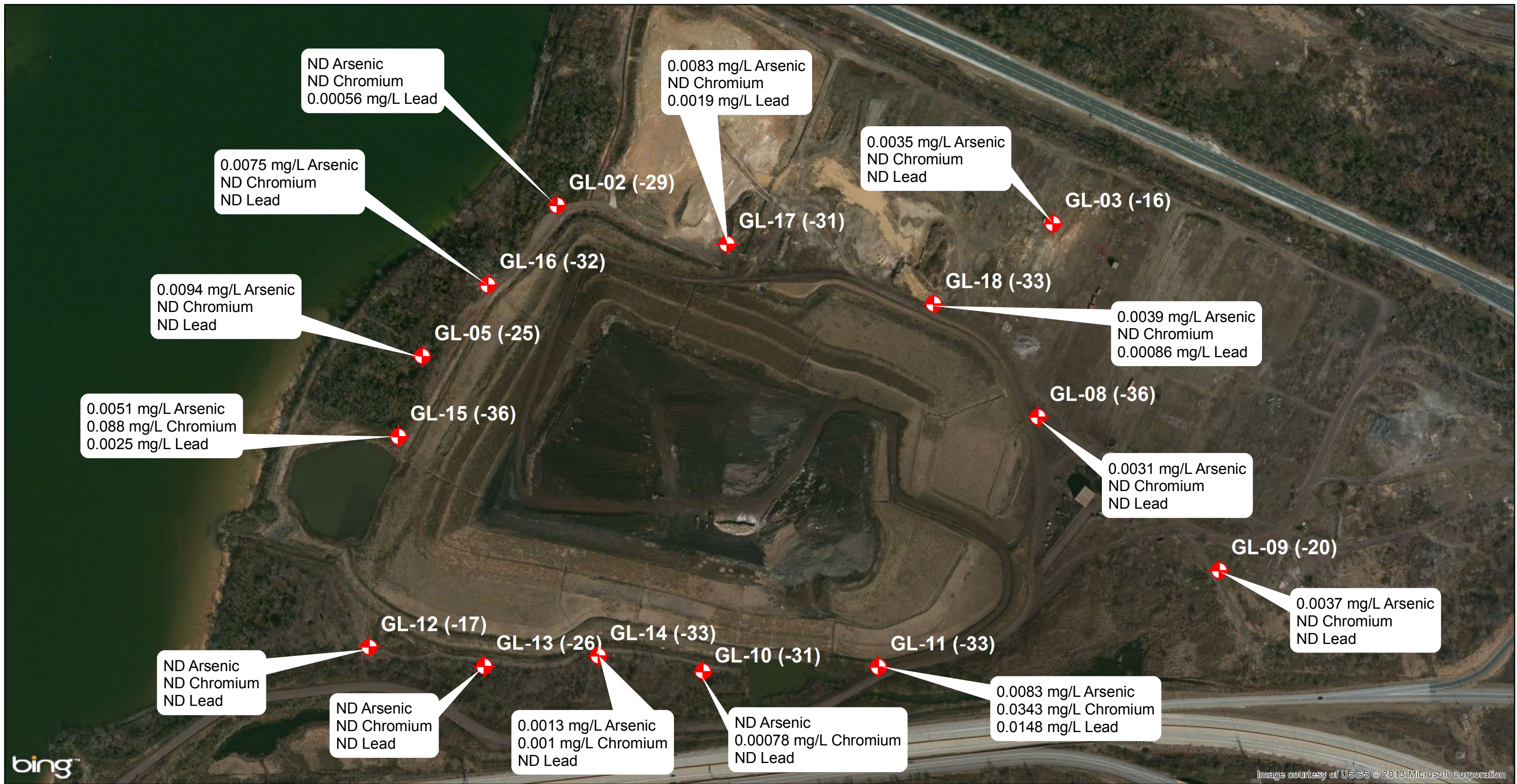


Figure 14



bing

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Greys Landfill
Notable Indicator Metals Detections - Intermediate Zone

TABLES

Table 1
Coke Point Landfill
Monitoring Well Construction Summary

Well ID	Aquifer	Survey Information			Well Construction								
		Easting	Northing	Top of PVC Elevation	Installation Method & Date	Protective Cover Type	Well Total Depth (ft)	Riser Length (ft)	Screen Length (ft)	Filter Pack Interval (ft)	Seal Interval (ft)	Grout Interval (ft)	Diameter (in)
CP02 - PZM007	Water Table	1456414.079	560865.993	27.12	H-SA - 11/14/01	Steel Riser	31.6	21.6	10	32-19.7	19.7-17.7	17.7-0	2
CP02 - PZM026	Intermediate	1456402.740	560881.500	27.31	H-SA - 11/08/01	Steel Riser	50	45	5	55-43	43-41	41-0	2
CP05 - PZM008	Water Table	1454932.295	560044.506	9.75	H-SA - 10/12/00	Steel Riser	15	5	10	3-15	2-3	0-2	2
CP05 - PZM019	Intermediate	1454939.126	560034.225	10.48	H-SA - 10/16/00	Steel Riser	26	21	5	19-26	18-19	0-18	2
CP05 - PZM028	Intermediate	1454920.879	560050.934	7.07	DP - 10/17/00	Flush Mount	35	32	3	32-35	31-32	0.5-31	2
CP07 - PZM006	Water Table	1456130.900	560493.407	14.00	H-SA - 10/12/00	Steel Riser	17	7	10	5-17	4-5	0-4	2
CP08 - PZM008	Water Table	1456698.421	560456.819	24.64	H-SA - 11/12/01	Steel Riser	30	20	10	30-18	18-16	16-0	2
CP08 - PZM034	Intermediate	1456697.459	560464.899	25.47	H-SA - 11/09/01	Steel Riser	57	52	5	57-50	50-48	48-0	2
CP09 - PZM010	Water Table	1455332.044	559498.846	7.63	H-SA - 10/30/01	Steel Riser	15	5	10	15-4	4-2	2-0	2
CP09 - PZM047	Intermediate	1455336.345	559498.516	7.39	H-SA - 10/31/01	Steel Riser	52	47	5	52-45	45-43	43-0	2
CP10 - PZM008	Water Table			36.16	H-SA - 11/5/01	Steel Riser	41	31	10	41-29	29-27	27-0	2
CP11 - PZM010	Water Table	1456177.229	559357.464	8.43	H-SA - 10/30/01	Steel Riser	15	5	10	15-4	4-2	2-0	2
CP12 - PZM012	Water Table	1456306.570	559903.579	5.35	H-SA - 11/05/01	Steel Riser	15	5	10	15-4	4-2	2-0	2
CP12 - PZM052	Intermediate	1456313.747	559905.178	4.71	H-SA - 11/02/01	Steel Riser	54	49	5	54-47	47-45	45-0	2
CP14 - PZM009	Water Table	1457257.140	559826.416	13.06	H-SA - 11/12/01	Steel Riser	19	9	10	19-7	7-5	5-0	2
CP14 - PZM062	Intermediate	1457250.141	559816.392	13.67	H-SA - 11/06/01	Steel Riser	73	68	5	73-66	66-64	64-0	2
CP15 - PZM020	Water Table	1455789.362	559446.964	7.08									2
CP15 - PZM042	Intermediate	1455792.819	559446.052	7.98									2
CP16 - PZM035	Intermediate	1456808.801	559874.185	20.01									2

Notes

Aquifer terminology based on that used in the CH2MHill 2002 Report. NA = not available.

Survey information from Table 2-3 of the URS 2005 Nature and Extent Report, except for CP10 PZM008 (from CH2MHill 2002)

Well Construction information from Table A-1 of the CH2MHill 2002 Release Site Characterization report. H-SA = hollow-stem auger. DP = direct push.

Table 2
Coke Point Landfill
Monitoring Well Groundwater Elevations

Well ID	Top of PVC Elevation (ft)	Aquifer	Well Depth from PVC (ft)	October - November 2010		April-11		August-11		March-13	
				Depth to Groundwater (ft)	Groundwater Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)
CP02 PZM007	27.12	S	33.75	24.88	2.24	26.68	0.44	26.50	0.62	26.56	0.56
CP02 PZM026	27.31	I	52.60	26.88	0.43	27.15	0.16	26.65	0.66	26.95	0.36
CP05 PZM008	9.75	S	17.27	9.37	0.38	9.71	0.04	10.08	-0.33	9.66	0.09
CP05 PZM019	10.48	I	27.31	10.11	0.37	9.86	0.62	15.81	-5.33	10.38	0.10
CP05 PZM028	7.07	I	142.45	8.37	-1.30	NA		NA		8.7	1.63
CP07 PZM006	14.00	S	20.05	12.46	1.54	13.79	0.21	13.78	0.22	13.75	0.25
CP08 PZM008	24.64	S	32.46	22.90	1.74	24.51	0.13	24.10	0.54	24.36	0.28
CP08 PZM034	25.47	I	60.04	24.67	0.80	26.00	-0.53	25.95	-0.48	25.00	0.47
CP09 PZM010	7.63	S	17.88	7.00	0.63	6.75	0.88	6.81	0.82	7.15	0.48
CP09 PZM047	7.39	I	54.30	6.82	0.57	6.25	1.14	6.74	0.65	6.76	0.63
CP10 PZM008	36.16	S	42.25	35.40	0.76	35.81	0.35	24.15	12.01	35.88	0.28
CP11 PZM010	8.43	S	17.70	8.02	0.41	8.16	0.27	8.11	0.32	7.66	0.77
CP12 PZM012	5.35	S	17.90	4.66	0.69	5.00	0.35	5.14	0.21	4.85	0.50
CP12 PZM052	4.71	I	56.00	4.08	0.63	4.55	0.16	NA		4.33	0.38
CP14 PZM009	13.06	S	20.85	12.45	0.61	12.07	0.99	26.31	-13.25	12.62	0.44
CP14 PZM062	13.67	I	75.31	13.36	0.31	15.25	-1.58	16.71	-3.04	13.37	0.30
CP15 PZM020	7.08	S	26.92	6.58	0.50	6.82	0.26	6.78	0.30	6.72	0.36
CP15 PZM042	7.98	I	50.17	7.33	0.65	9.61	-1.63	7.19	0.79	7.40	0.58
CP16 PZM035	20.01	I	55.47	19.24	0.77	19.23	0.78	19.20	0.81	19.84	0.17

Notes

Well survey data-see Table 1 I = Intermediate depth wells S = Water table well

NA = No survey available

Table 3
Greys Landfill
Monitoring Well Construction Summary

Location Designation ¹	Groundwater Zone	Install Date ²	Northing	Easting	Ground Elevation (ft)	Top of Casing Elevation (ft)	Top of PVC Elevation (ft)	Protective Cover Type ²	Well Total Depth (ft) ²	Riser Length (ft) ²	Screen Length (ft) ²	Filter Pack Interval (ft) ²	Seal Interval (ft) ²	Grout Interval (ft) ²
GL-02 (-29)	I	6/10/08	574605.59	1457638.04	20.722	23.189	23.203	Steel Riser	50	40	10	38-50	36-38	0-36
GL-02 (-5)	S	6/11/08	574604.07	1457625.79	20.718	23.253	23.171	Steel Riser	26	16	10	14-26	12-14	0-12
GL-03 (-16)	I	3/11/86	574549.21	1459228.38	14.313	17.330	17.298	Steel Riser	30.7	20.7	10	18.5-30.7	2-18	0-2
GL-03 (-3)	S	3/11/86	574558.30	1459231.80	14.387	17.406	17.195	Steel Riser	17	7	10	6-17	1-6	0-1
GL-05 (-25)	I	6/17/08	574099.56	1457238.01	22.427	25.142	25.189	Steel Riser	47.5	35	10	35-47.5	32-35	0-32
GL-05 (-7)	S	6/18/08	574100.60	1457230.98	23.251	25.888	25.892	Steel Riser	30	20	10	18-30	16-18	0-16
GL-08 (-36)	I	6/26/08	573921.22	1459188.29	14.277	16.648	16.648	Steel Riser	50	40	10	38-50	36-38	0-36
GL-08 (-3)	S	6/23/08	573928.23	1459187.29	14.498	16.982	17.006	Steel Riser	17	7	10	6-17	4-6	0-4
GL-09 (-20)	I	3/10/86	573420.01	1459792.62	13.544	16.375	16.14	Steel Riser	33.2	23.2	10	21-33.2	2-21	0-2
GL-09 (-2)	S	3/11/86	573429.29	1459786.10	13.755	16.612	16.363	Steel Riser	15.8	5.8	10	5-15.8	2-5	0-2
GL-10 (-31)	I	6/24/08	573073.18	1458148.99	18.692	21.426	21.433	Steel Riser	50	40	10	38-50	36-38	0-36
GL-10 (-1)	S	6/24/08	573073.11	1458140.87	18.872	21.527	21.523	Steel Riser	20	10	10	8-20	6-8	0-6
GL-11 (-33)	I	6/27/08	573092.85	1458679.87	19.121	21.969	21.982	Steel Riser	52	42	10	40-52	38-40	0-38
GL-11 (-1)	S	6/27/08	573090.51	1458672.32	18.677	21.348	21.348	Steel Riser	20	10	10	8-20	6-8	0-6
GL-12 (-17)	I	3/5/86	573171.38	1456994.13	10.133	12.872	12.809	Steel Riser	27	17	10	13.5-27	2-13.5	0-2
GL-12 (-3)	S	3/6/86	573162.04	1456993.72	10.570	13.453	13.32	Steel Riser	14	4	10	4-14	2-4	0-2
GL-13 (-26)	I	6/26/08	573091.77	1457439.07	15.759	18.488	18.479	Steel Riser	42	32	10	30-42	28-30	0-28
GL-13 (+1)	S	6/26/08	573093.28	1457430.66	15.835	18.564	18.526	Steel Riser	15	5	10	3.5-15	2-3.5	0-2
GL-14 (-33)	I	6/25/08	573134.99	1457797.97	17.091	19.729	19.71	Steel Riser	50	40	10	38-50	36-38	0-36
GL-14 (+1)	S	6/25/08	573136.93	1457787.50	17.288	19.841	19.859	Steel Riser	16	6	10	5-16	4-5	0-4
GL-15 (-36)	I	6/3/08	573888.92	1457129.80	13.972	16.407	16.341	Steel Riser	50	40	10	38-50	36-38	36-0
GL-15 (-6)	S	6/4/08	573879.11	1457123.11	13.912	16.191	15.792	Steel Riser	20	10	10	8-20	6-8	0-6
GL-16 (-32)	I	6/16/08	574336.78	1457396.54	18.223	20.639	20.669	Steel Riser	50	40	10	37-50	35-37	0-35
GL-16 (-6)	S	6/16/08	574344.59	1457402.16	18.341	20.901	20.921	Steel Riser	24	14	10	12-24	9-12	0-9
GL-17 (-31)	I	6/19/08	574466.97	1458178.04	18.520	21.161	21.175	Steel Riser	50	40	10	38-50	35.5-38	0-35.5
GL-17 (-1)	S	6/20/08	574464.39	1458189.31	18.583	21.166	21.188	Steel Riser	19.5	9.5	10	7.5-19.5	5-7.5	0-5
GL-18 (-33)	I	6/20/08	574265.76	1458884.84	17.124	19.691	19.696	Steel Riser	50	40	10	37-50	34.5-37	0-34.5
GL-18 (-3)	S	6/23/08	574261.56	1458893.68	16.775	19.478	19.486	Steel Riser	20	10	10	8-20	6-8	0-6
GL-19	S	12/11/02	574820.85	1458080.65	NA	NA	20.14	Steel Riser	21.5	11.5	10	9.5-22.5	2-9.5	0-2
GL-20 (-5)	S	12/10/02	574724.27	1458643.59	17.395	19.847	19.419	Steel Riser	22	12	10	10-22	2-10	0-2
TS-01 (-7)	S	8/2/00	575042.59	1457737.79	17.808	20.155	20.048	Steel Riser	25	15	10	13-25	3-13	0-3

Notes

1 = The number in parentheses is the elevation of the bottom of the screen. Wells have been grouped as shallow (S) and intermediate (I) wells, for evaluation of Greys Landfill. 2 = Information obtained from URS, Baker Engineers, SAIC, and CH2MHill well log

Source of Survey Information

Well location and elevation data obtained from Stevens Painton Corporation Well Survey conducted October 19 & 20, 2009, except for GL-19

Well location and elevation data for GL-19 obtained from CH2M Hill, 2005. MP in the CH2MHill report is assumed to be the measurement point at the top of PVC casing.

Table 4
Greys Landfill
Monitoring Well Groundwater Elevations

Well ID	Top of PVC Elevation (ft)	Aquifer	Well Depth from PVC (ft)	Mar-10		June-10		March-11		March-13	
				Depth to Groundwater (ft)	Groundwater Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)
GL-02 (-29)	23.203	I	50.54	22.59	0.61	21.78	1.42	22.37	0.83	23.91	-0.71
GL-02 (-5)	23.171	S	27.45	20.34	2.80	22.19	0.98	22.37	0.80	20.90	2.27
GL-03 (-16)	17.298	I	33.53	12.89	4.41	13.31	3.99	13.90	3.40	12.90	4.40
GL-03 (-3)	17.195	S	19.60	4.93	12.27	5.37	11.83	5.55	11.65	6.43	10.77
GL-05 (-25)	25.189	I	50.51	24.45	0.74	24.63	0.56	24.40	0.79	25.25	-0.06
GL-05 (-7)	25.892	S	31.65	21.82	4.07	22.47	3.42	21.68	4.21	22.56	3.33
GL-08 (-36)	16.648	I	52.25	16.11	0.54	15.94	0.71	16.00	0.65	15.86	0.79
GL-08 (-3)	17.006	S	19.97	4.41	12.60	6.27	10.74	4.09	12.92	4.72	12.29
GL-09 (-20)	16.14	I	35.61	9.57	6.57	16.19	-0.05	9.80	6.34	9.89	6.25
GL-09 (-2)	16.363	S	18.35	4.08	12.28	9.94	6.42	4.54	11.82	4.33	12.03
GL-10 (-31)	21.433	I	52.91	19.86	1.57	21.87	-0.44	20.95	0.48	20.82	0.61
GL-10 (-1)	21.523	S	23.00	9.31	12.21	9.47	12.05	8.21	13.31	8.42	13.10
GL-11 (-33)	21.982	I	53.57	20.97	1.01	22.19	-0.21	19.88	2.10	18.86	3.12
GL-11 (-1)	21.348	S	23.37	16.34	5.01	9.14	12.21	7.88	13.47	8.17	13.18
GL-12 (-17)	12.809	I	29.03	10.15	2.66	12.17	0.64	11.96	0.85	16.20	-3.39
GL-12 (-3)	13.32	S	16.85	7.47	5.85	9.88	3.44	7.16	6.16	7.60	5.72
GL-13 (-26)	18.479	I	44.57	17.26	1.22	18.00	0.48	17.90	0.58	17.83	0.65
GL-13 (+1)	18.526	S	17.78	5.54	12.99	10.55	7.98	4.40	14.13	4.02	14.51
GL-14 (-33)	19.71	I	53.18	17.95	1.76	19.78	-0.07	19.20	0.51	19.17	0.54
GL-14(+1)	19.859	S	18.68	6.24	13.62	NA	NA	5.26	14.60	5.24	14.62
GL-15 (-36)	16.341	I	45.75	14.95	1.39	15.23	1.11	8.38	7.96	15.92	0.42
GL-15 (-6)	15.792	S	22.55	8.20	7.59	8.11	7.68	5.12	10.67	9.34	6.45
GL-16 (-32)	20.669	I	52.80	19.96	0.71	21.93	-1.26	19.88	0.79	20.68	-0.01
GL-16 (-6)	20.921	S	26.80	15.61	5.31	17.79	3.13	14.70	6.22	14.89	6.03
GL-17 (-31)	21.175	I	50.87	NA	NA	21.75	-0.57	20.61	0.57	20.91	0.27
GL-17(-1)	21.188	S	22.13	NA	NA	14.15	7.04	13.17	8.02	13.39	7.80
GL-18 (-33)	19.696	I	53.00	17.94	1.76	18.10	1.60	19.20	0.50	19.09	0.61
GL-18 (-3)	19.486	S	22.95	6.89	12.60	8.54	10.95	7.13	12.36	7.91	11.58
GL-19	20.14	S	NA	NS	NS	17.91	2.23	NS	NS	17.19	2.95
GL-20 (-5)	19.419	S	25.70	11.67	7.75	13.82	5.60	13.99	5.43	12.64	6.78
TS-01 (-7)	20.048	S	28.07	17.97	2.08	18.19	1.86	18.78	1.27	19.02	1.03

Notes

Well survey data-see Table 1 I = Intermediate depth wells S = Water table well

NA = No survey available

APPENDIX A

Coke Point Landfill
 Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP02 - PZM007											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/19/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,1-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	L2, V1	<1.0		<1.0							
1,1,2-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethylene	8260	<1.0		<1.0		<1.0							
1,2,3-Trichloropropane	8260	<1.0	R2	<5.0		<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<5.0		<1.0							
1,2-Dibromoethane	8260	<1.0		<1.0		<1.0							
1,2-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
1,2-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,2-Dichloropropane	8260	<1.0		<1.0		<1.0							
1,4-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
Acetone	8260	<25	V1	<25		<5.0							
Acrylonitrile	8260	<5.0		<5.0		<2.0							
Benzene	8260	0.45	M10	<1.0		<1.0							
Bromochloromethane	8260	<1.0		<1.0		<1.0							
Bromodichloromethane	8260	<1.0		<1.0		<1.0							
Bromoform	8260	<1.0		<1.0		<1.0							
Bromomethane	8260	<5.0		<5.0		<1.0							
Carbon disulfide	8260	<1.0		<1.0		<1.0							
Carbon Tetrachloride	8260	<1.0		<1.0		<1.0							
Chlorobenzene	8260	<1.0		<1.0		<1.0							
Chloroethane	8260	<1.0	R2	<1.0		<1.0							
Chloroform	8260	<1.0		<1.0		<1.0							
Chloromethane	8260	<1.0		<1.0	V6	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
Dibromochloromethane	8260	<1.0		<1.0		<1.0							
Dibromomethane	8260	<2.0		<2.0		<1.0							
Ethylbenzene	8260	<1.0		<1.0		<1.0							
Iodomethane	8260	<1.0		<5.0		<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<5.0		<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0		<5.0		<5.0							
Methyl Isobutyl Ketone	8260	<5.0		<5.0		<5.0							
Methylene Chloride	8260	<5.0		<5.0		<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<1.0		<1.0							
Styrene	8260	<1.0		<1.0		<1.0							
Toluene	8260	<1.0		<1.0		<1.0							
Total Xylenes	8260	<3.0		<3.0		<1.0							
trans-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<5.0		<1.0							
Trichlorofluoromethane	8260	<1.0		<1.0		<1.0							
Vinyl acetate	8260	<1.0		<5.0		<1.0							
Vinyl chloride	8260	<1.0		<1.0		<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP02 - PZM026											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/19/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,1-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	L2, V1	<1.0		<1.0							
1,1,2-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethylene	8260	<1.0		<1.0		<1.0							
1,2,3-Trichloropropane	8260	<1.0	R2	<5.0		<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<5.0		<1.0							
1,2-Dibromoethane	8260	<1.0		<1.0		<1.0							
1,2-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
1,2-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,2-Dichloropropane	8260	<1.0		<1.0		<1.0							
1,4-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
Acetone	8260	<25	V1	<25		<5.0							
Acrylonitrile	8260	<5.0		<5.0		<2.0							
Benzene	8260	0.31	M10	<1.0		<1.0							
Bromochloromethane	8260	<1.0		<1.0		<1.0							
Bromodichloromethane	8260	<1.0		<1.0		<1.0							
Bromoform	8260	<1.0		<1.0		<1.0							
Bromomethane	8260	<5.0		<5.0		<1.0							
Carbon disulfide	8260	<1.0		<1.0		<1.0							
Carbon Tetrachloride	8260	<1.0		<1.0		<1.0							
Chlorobenzene	8260	<1.0		<1.0		<1.0							
Chloroethane	8260	<1.0	R2	<1.0		<1.0							
Chloroform	8260	<1.0		<1.0		<1.0							
Chloromethane	8260	<1.0		<1.0	V6	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
Dibromochloromethane	8260	<1.0		<1.0		<1.0							
Dibromomethane	8260	<2.0		<2.0		<1.0							
Ethylbenzene	8260	<1.0		<1.0		<1.0							
Iodomethane	8260	<1.0		<5.0		<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<5.0		<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0		<5.0		<5.0							
Methyl Isobutyl Ketone	8260	<5.0		<5.0		<5.0							
Methylene Chloride	8260	<5.0		<5.0		<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<1.0		<1.0							
Styrene	8260	<1.0		<1.0		<1.0							
Toluene	8260	<1.0		<1.0		<1.0							
Total Xylenes	8260	<3.0		<3.0		<1.0							
trans-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<5.0		<1.0							
Trichlorofluoromethane	8260	<1.0		<1.0		<1.0							
Vinyl acetate	8260	<1.0		<5.0		<1.0							
Vinyl chloride	8260	<1.0		<1.0		<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill

Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP05 - PZM008											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<10	R1, D	<1.0		<1.0							
1,1,1-Trichloroethane	8260	<10	D	<1.0		<1.0							
1,1,2,2-Tetrachloroethane	8260	<10	D	<1.0		<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<10	D	<1.0		<1.0							
1,1,2-Trichloroethane	8260	<10	R1, D	<1.0		<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<10	D	<1.0		<1.0							
1,1-Dichloroethane	8260	<10	D	<1.0		<1.0							
1,1-Dichloroethylene	8260	<10	D	<1.0		<1.0							
1,2,3-Trichloropropane	8260	<10	L3, R1, D	<5.0		<1.0							
1,2-Dibromo-3-chloropropane	8260	<50	D	<5.0		<1.0							
1,2-Dibromoethane	8260	<10	L3, R1, D	<1.0		<1.0							
1,2-Dichlorobenzene	8260	<10	D	<1.0		<1.0							
1,2-Dichloroethane	8260	<10	D	<1.0		<1.0							
1,2-Dichloropropane	8260	<10	D	<1.0		<1.0							
1,4-Dichlorobenzene	8260	<10	D	<1.0		<1.0							
Acetone	8260	<250	L3, R1, D	33		32.3							
Acrylonitrile	8260	<50	R1, D	<5.0		<2.0							
Benzene	8260	11	D	33		11.8							
Bromochloromethane	8260	<10	D	<1.0		<1.0							
Bromodichloromethane	8260	<10	D	<1.0		<1.0							
Bromoform	8260	<10	D	<1.0		<1.0							
Bromomethane	8260	<50	D	<5.0		<1.0							
Carbon disulfide	8260	<10	D	<1.0		2.9							
Carbon Tetrachloride	8260	<10	D	<1.0		<1.0							
Chlorobenzene	8260	<10	D	<1.0		<1.0							
Chloroethane	8260	<10	D	<1.0		<1.0							
Chloroform	8260	<10	D	<1.0		<1.0							
Chloromethane	8260	<10	D	<1.0		<1.0							
cis-1,2-Dichloroethylene	8260	<10	D	<1.0		<1.0							
cis-1,3-Dichloropropylene	8260	<10	D	<1.0		<1.0							
Dibromochloromethane	8260	<10	D	<1.0		<1.0							
Dibromomethane	8260	<20	D	<2.0		<1.0							
Ethylbenzene	8260	<10	D	1.0		<1.0							
Iodomethane	8260	<10	D	<5.0		<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<50	L3, R1, D	<5.0		<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<50	L3, R1, D	<5.0		<5.0							
Methyl Isobutyl Ketone	8260	<50	L3, R1, D	<5.0		<5.0							
Methylene Chloride	8260	<50	D	<5.0		<1.0							
Methyl-tert-Butyl Ether	8260	<10	R1, D	<1.0		<1.0							
Styrene	8260	<10	D	<1.0		<1.0							
Toluene	8260	2.9	D	7.6		3.1							
Total Xylenes	8260	4.2	D	7.6		4.2							
trans-1,2-Dichloroethylene	8260	<10	D	<1.0		<1.0							
trans-1,3-Dichloropropylene	8260	<10	R1, D	<1.0		<1.0							
trans-1,4-Dichloro-2-butene	8260	<50	R1, D	<5.0		<1.0							
Trichlorofluoromethane	8260	<10	D	<1.0		<1.0							
Vinyl acetate	8260	<10	D	<5.0		<1.0							
Vinyl chloride	8260	<10	D	<1.0		<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill

Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP05 - PZM019											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<10	R1, D	<5.0	S3, V6, D	<1.0							
1,1,1-Trichloroethane	8260	<10	D	<5.0	S3, D	<1.0							
1,1,2,2-Tetrachloroethane	8260	<10	D	<5.0	S3, D	<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<10	D	<5.0	S3, D	<1.0							
1,1,2-Trichloroethane	8260	<10	R1, D	<5.0	S3, D	<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<10	D	<5.0	S3, D	<1.0							
1,1-Dichloroethane	8260	<10	D	<5.0	S3, D	<1.0							
1,1-Dichloroethylene	8260	<10	D	<5.0	S3, D	<1.0							
1,2,3-Trichloropropane	8260	<10	L3, R1, D	<25	S3, D	<1.0							
1,2-Dibromo-3-chloropropane	8260	<50	D	<25	S3, V6, D	<1.0							
1,2-Dibromoethane	8260	<10	L3, R1, D	<5.0	S3, D	<1.0							
1,2-Dichlorobenzene	8260	<10	D	<5.0	S3, D	<1.0							
1,2-Dichloroethane	8260	<10	D	<5.0	S3, D	<1.0							
1,2-Dichloropropane	8260	<10	D	<5.0	S3, D	<1.0							
1,4-Dichlorobenzene	8260	<10	D	<5.0	S3, D	<1.0							
Acetone	8260	<250	L3, R1, D	<120	S3, D	22.1							
Acrylonitrile	8260	<50	R1, D	<25	D	<2.0							
Benzene	8260	37	D	6.4	D	37.9							
Bromochloromethane	8260	<10	D	<5.0	S3, D	<1.0							
Bromodichloromethane	8260	<10	D	<5.0	S3, V6, D	<1.0							
Bromoform	8260	<10	D	<5.0	S3, V6, D	<1.0							
Bromomethane	8260	<50	D	<25	S3, D	<1.0							
Carbon disulfide	8260	<10	D	<5.0	S3, D	3.0							
Carbon Tetrachloride	8260	<10	D	<5.0	S3, V6, D	<1.0							
Chlorobenzene	8260	<10	D	<5.0	S3, D	<1.0							
Chloroethane	8260	<10	D	<5.0	S3, D	<1.0							
Chloroform	8260	<10	D	<5.0	S3, D	<1.0							
Chloromethane	8260	<10	D	<5.0	V6, S3, D	<1.0							
cis-1,2-Dichloroethylene	8260	<10	D	<5.0	S3, D	<1.0							
cis-1,3-Dichloropropylene	8260	<10	D	<5.0	S3, D	<1.0							
Dibromochloromethane	8260	<10	D	<5.0	V6, S3, D	<1.0							
Dibromomethane	8260	<20	D	<10	S3, D	<1.0							
Ethylbenzene	8260	<10	D	<5.0	S3, D	<1.0							
Iodomethane	8260	<10	D	<25	S3, D	<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<50	L3, R1, D	<25	S3, D	<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<50	L3, R1, D	<25	S3, D	<5.0							
Methyl Isobutyl Ketone	8260	<50	L3, R1, D	<25	S3, D	<5.0							
Methylene Chloride	8260	<50	D	<25	S3, D	<1.0							
Methyl-tert-Butyl Ether	8260	<10	R1, D	<5.0	S3, D	<1.0							
Styrene	8260	<10	D	<5.0	S3, D	<1.0							
Toluene	8260	9.8	D	<5.0	D	8.8							
Total Xylenes	8260	8.2	D	<15	D	7.7							
trans-1,2-Dichloroethylene	8260	<10	D	<5.0	S3, D	<1.0							
trans-1,3-Dichloropropylene	8260	<10	R1, D	<5.0	S3, V6, D	<1.0							
trans-1,4-Dichloro-2-butene	8260	<50	R1, D	<25	S3, D	<1.0							
Trichlorofluoromethane	8260	<10	D	<5.0	S3, D	<1.0							
Vinyl acetate	8260	<10	D	<25	S3, D	<1.0							
Vinyl chloride	8260	<10	D	<5.0	S3, D	<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill

Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP05 - PZM028											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/19/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0				<1.0							
1,1,1-Trichloroethane	8260	<1.0				<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0	V1			<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	R1			<1.0							
1,1,2-Trichloroethane	8260	<1.0				<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0				<1.0							
1,1-Dichloroethane	8260	<1.0				<1.0							
1,1-Dichloroethylene	8260	<1.0				<1.0							
1,2,3-Trichloropropane	8260	<1.0	V1			<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0	V1			<1.0							
1,2-Dibromoethane	8260	<1.0				<1.0							
1,2-Dichlorobenzene	8260	<1.0				<1.0							
1,2-Dichloroethane	8260	<1.0				<1.0							
1,2-Dichloropropane	8260	<1.0				<1.0							
1,4-Dichlorobenzene	8260	0.52				<1.0							
Acetone	8260	65	R1, V1			<5.0							
Acrylonitrile	8260	<5.0				<2.0							
Benzene	8260	75				<1.0							
Bromochloromethane	8260	<1.0				<1.0							
Bromodichloromethane	8260	<1.0				<1.0							
Bromoform	8260	<1.0				5							
Bromomethane	8260	<5.0				<1.0							
Carbon disulfide	8260	<1.0				<1.0							
Carbon Tetrachloride	8260	<1.0				<1.0							
Chlorobenzene	8260	<1.0				<1.0							
Chloroethane	8260	<1.0				<1.0							
Chloroform	8260	<1.0	R1			<1.0							
Chloromethane	8260	<1.0	R1			1.3							
cis-1,2-Dichloroethylene	8260	<1.0				<1.0							
cis-1,3-Dichloropropylene	8260	<1.0				<1.0							
Dibromochloromethane	8260	<1.0				<1.0							
Dibromomethane	8260	<2.0				<1.0							
Ethylbenzene	8260	1.4				<1.0							
Iodomethane	8260	<1.0	V6			<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	L2, V1			<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	R1			<5.0							
Methyl Isobutyl Ketone	8260	<5.0	V1			<5.0							
Methylene Chloride	8260	<5.0				<1.0							
Methyl-tert-Butyl Ether	8260	<1.0	R1			<1.0							
Styrene	8260	<1.0				<1.0							
Toluene	8260	17				<1.0							
Total Xylenes	8260	11				<1.0							
trans-1,2-Dichloroethylene	8260	<1.0				<1.0							
trans-1,3-Dichloropropylene	8260	<1.0				<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0				<1.0							
Trichlorofluoromethane	8260	<1.0				<1.0							
Vinyl acetate	8260	<1.0				<1.0							
Vinyl chloride	8260	<1.0	R1			<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP07 - PZM006											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<10	D	<1.0							
1,1,1-Trichloroethane	8260	<1.0		<10	D	<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<10	D	<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	L2, V1	<10	D	<1.0							
1,1,2-Trichloroethane	8260	<1.0		<10	D	<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<10	D	<1.0							
1,1-Dichloroethane	8260	2.1		<10	D	1.9							
1,1-Dichloroethylene	8260	<1.0		<10	D	<1.0							
1,2,3-Trichloropropane	8260	<1.0	R2	<50	D	<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<50	D	<1.0							
1,2-Dibromoethane	8260	<1.0		<10	D	<1.0							
1,2-Dichlorobenzene	8260	1.1		<10	D	<1.0							
1,2-Dichloroethane	8260	<1.0		<10	D	<1.0							
1,2-Dichloropropane	8260	<1.0		<10	D	<1.0							
1,4-Dichlorobenzene	8260	<1.0		<10	D	<1.0							
Acetone	8260	<25	V1	<250	D	<5.0							
Acrylonitrile	8260	<5.0		<50	D	<2.0							
Benzene	8260	430	M10, D	1,000	D	547							
Bromochloromethane	8260	<1.0		<10	D	<1.0							
Bromodichloromethane	8260	<1.0		<10	D	<1.0							
Bromoform	8260	<1.0		<10	D	<1.0							
Bromomethane	8260	<5.0		<50	D	<1.0							
Carbon disulfide	8260	<1.0		<10	D	<1.0							
Carbon Tetrachloride	8260	<1.0		<10	D	<1.0							
Chlorobenzene	8260	<1.0		<10	D	<1.0							
Chloroethane	8260	<1.0	R2	<10	D	<1.0							
Chloroform	8260	<1.0		<10	D	<1.0							
Chloromethane	8260	<1.0		<10	V6, D	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<10	D	<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<10	D	<1.0							
Dibromochloromethane	8260	<1.0		<10	D	<1.0							
Dibromomethane	8260	<2.0		<20	D	<1.0							
Ethylbenzene	8260	2.8		<10	D	2.9							
Iodomethane	8260	<1.0		<50	D	<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<50	D	<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0		<50	D	<5.0							
Methyl Isobutyl Ketone	8260	3.3		<50	D	<5.0							
Methylene Chloride	8260	<5.0		<50	D	<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<10	D	<1.0							
Styrene	8260	<1.0		<10	D	<1.0							
Toluene	8260	68		140	D	58.7							
Total Xylenes	8260	28		56	D	28.8							
trans-1,2-Dichloroethylene	8260	<1.0		<10	D	<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<10	D	<1.0							
trans-1,4-Dichloro-2-butene	8260	0.90		<50	D	<1.0							
Trichlorofluoromethane	8260	<1.0		<10	D	<1.0							
Vinyl acetate	8260	<1.0		<50	D	<1.0							
Vinyl chloride	8260	<1.0		<10	D	<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP08 - PZM008											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/19/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<100	D	<1.0							
1,1,1-Trichloroethane	8260	<1.0		<100	D	<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<100	D	<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	L2, V1	<100	D	<1.0							
1,1,2-Trichloroethane	8260	<1.0		<100	D	<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<100	D	<1.0							
1,1-Dichloroethane	8260	<1.0		<100	D	<1.0							
1,1-Dichloroethylene	8260	<1.0		<100	D	<1.0							
1,2,3-Trichloropropane	8260	<1.0	R2	<500	D	<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<500	D	<1.0							
1,2-Dibromoethane	8260	<1.0		<100	D	<1.0							
1,2-Dichlorobenzene	8260	<1.0		<100	D	<1.0							
1,2-Dichloroethane	8260	<1.0		<100	D	<1.0							
1,2-Dichloropropane	8260	<1.0		<100	D	<1.0							
1,4-Dichlorobenzene	8260	<1.0		<100	D	<1.0							
Acetone	8260	<25	V1	<2500	D	<5.0							
Acrylonitrile	8260	<5.0		<500	D	<2.0							
Benzene	8260	15,000	D	22,000	D	23,900							
Bromochloromethane	8260	<1.0		<100	D	<1.0							
Bromodichloromethane	8260	<1.0		<100	D	<1.0							
Bromoform	8260	<1.0		<100	D	<1.0							
Bromomethane	8260	<5.0		<500	D	<1.0							
Carbon disulfide	8260	<1.0		<100	D	1.1							
Carbon Tetrachloride	8260	<1.0		<100	D	<1.0							
Chlorobenzene	8260	<1.0		<100	D	<1.0							
Chloroethane	8260	<1.0	R2	<100	D	<1.0							
Chloroform	8260	<1.0		<100	D	<1.0							
Chloromethane	8260	1.2		<100	V6, D	1.6							
cis-1,2-Dichloroethylene	8260	<1.0		<100	D	<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<100	D	<1.0							
Dibromochloromethane	8260	<1.0		<100	D	<1.0							
Dibromomethane	8260	<2.0		<200	D	<1.0							
Ethylbenzene	8260	76		120	D	96.5							
Iodomethane	8260	<1.0		<500	D	<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<500	D	<1.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0		<500	D	<1.0							
Methyl Isobutyl Ketone	8260	<5.0		<500	D	<1.0							
Methylene Chloride	8260	<5.0		<500	D	<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<100	D	<1.0							
Styrene	8260	25		<100	D	<1.0							
Toluene	8260	<1.0		7,800	D	5,860							
Total Xylenes	8260	1,700	D	3,300	D	2,760							
trans-1,2-Dichloroethylene	8260	<1.0		<100	D	<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<100	D	<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<500	D	<1.0							
Trichlorofluoromethane	8260	<1.0		<100	D	<1.0							
Vinyl acetate	8260	<1.0		<500	D	<1.0							
Vinyl chloride	8260	<1.0		<100	D	<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP08 - PZM034											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/19/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,1-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	L2, V1	<1.0		<1.0							
1,1,2-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethylene	8260	<1.0		<1.0		<1.0							
1,2,3-Trichloropropane	8260	<1.0	R2	<5.0		<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<5.0		<1.0							
1,2-Dibromoethane	8260	<1.0		<1.0		<1.0							
1,2-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
1,2-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,2-Dichloropropane	8260	<1.0		<1.0		<1.0							
1,4-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
Acetone	8260	<25	V1	<25		<5.0							
Acrylonitrile	8260	<5.0		<5.0		<2.0							
Benzene	8260	1.7	M10	<1.0		<1.0							
Bromochloromethane	8260	<1.0		<1.0		<1.0							
Bromodichloromethane	8260	<1.0		<1.0		<1.0							
Bromoform	8260	<1.0		<1.0		<1.0							
Bromomethane	8260	<5.0		<5.0		<1.0							
Carbon disulfide	8260	<1.0		<1.0		<1.0							
Carbon Tetrachloride	8260	<1.0		<1.0		<1.0							
Chlorobenzene	8260	<1.0		<1.0		<1.0							
Chloroethane	8260	<1.0	R2	<1.0		<1.0							
Chloroform	8260	<1.0		<1.0		<1.0							
Chloromethane	8260	<1.0		<1.0	V6	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
Dibromochloromethane	8260	<1.0		<1.0		<1.0							
Dibromomethane	8260	<2.0		<2.0		<1.0							
Ethylbenzene	8260	<1.0		<1.0		<1.0							
Iodomethane	8260	<1.0		<5.0		<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<5.0		<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0		<5.0		<5.0							
Methyl Isobutyl Ketone	8260	<5.0		<5.0		<5.0							
Methylene Chloride	8260	<5.0		<5.0		<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<1.0		<1.0							
Styrene	8260	<1.0		<1.0		<1.0							
Toluene	8260	<1.0		<1.0		<1.0							
Total Xylenes	8260	<3.0		<3.0		<1.0							
trans-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<5.0		<1.0							
Trichlorofluoromethane	8260	<1.0		<1.0		<1.0							
Vinyl acetate	8260	<1.0		<5.0		<1.0							
Vinyl chloride	8260	<1.0		<1.0		<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP09 - PZM010											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,1-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	M2	<1.0		<1.0							
1,1,2-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethylene	8260	<1.0		<1.0		<1.0							
1,2,3-Trichloropropane	8260	<1.0		<5.0		<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<5.0		<1.0							
1,2-Dibromoethane	8260	<1.0		<1.0		<1.0							
1,2-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
1,2-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,2-Dichloropropane	8260	<1.0		<1.0		<1.0							
1,4-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
Acetone	8260	71	V1	<25		44.1							
Acrylonitrile	8260	<5.0		<5.0		<2.0							
Benzene	8260	5.8		<1.0		5.6							
Bromochloromethane	8260	<1.0		<1.0		<1.0							
Bromodichloromethane	8260	<1.0		<1.0		<1.0							
Bromoform	8260	<1.0		<1.0		<1.0							
Bromomethane	8260	<5.0		<5.0		<1.0							
Carbon disulfide	8260	<1.0		<1.0		<1.0							
Carbon Tetrachloride	8260	<1.0		<1.0		<1.0							
Chlorobenzene	8260	<1.0		<1.0		<1.0							
Chloroethane	8260	<1.0	M10, R2	<1.0		<1.0							
Chloroform	8260	<1.0		<1.0		<1.0							
Chloromethane	8260	<1.0		<1.0		<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
Dibromochloromethane	8260	<1.0		<1.0		<1.0							
Dibromomethane	8260	<2.0		<2.0		<1.0							
Ethylbenzene	8260	<1.0		<1.0		<1.0							
Iodomethane	8260	<1.0		<5.0		<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<5.0		<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	5.6		<5.0		5.5							
Methyl Isobutyl Ketone	8260	3.3		<5.0		<5.0							
Methylene Chloride	8260	<5.0		<5.0		<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<1.0		<1.0							
Styrene	8260	<1.0	M10	<1.0		<1.0							
Toluene	8260	2.2		<1.0		<1.0							
Total Xylenes	8260	2.8		<3.0		<1.0							
trans-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<5.0		<1.0							
Trichlorofluoromethane	8260	<1.0		<1.0		<1.0							
Vinyl acetate	8260	<1.0		<5.0		<1.0							
Vinyl chloride	8260	<1.0		<1.0		<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill

Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP09 - PZM047											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<10	R1, D	<1.0		<1.0							
1,1,1-Trichloroethane	8260	<10	D	<1.0		<1.0							
1,1,2,2-Tetrachloroethane	8260	<10	D	<1.0		<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<10	D	<1.0		<1.0							
1,1,2-Trichloroethane	8260	<10	R1, D	<1.0		<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<10	D	<1.0		<1.0							
1,1-Dichloroethane	8260	<10	D	<1.0		<1.0							
1,1-Dichloroethylene	8260	<10	D	<1.0		<1.0							
1,2,3-Trichloropropane	8260	<10	L3, R1, D	<5.0		<1.0							
1,2-Dibromo-3-chloropropane	8260	<50	D	<5.0		<1.0							
1,2-Dibromoethane	8260	<10	L3, R1, D	<1.0		<1.0							
1,2-Dichlorobenzene	8260	<10	D	<1.0		<1.0							
1,2-Dichloroethane	8260	<10	D	<1.0		<1.0							
1,2-Dichloropropane	8260	<10	D	<1.0		<1.0							
1,4-Dichlorobenzene	8260	<10	D	<1.0		<1.0							
Acetone	8260	<250	L3, R1, D	<25		<5.0							
Acrylonitrile	8260	<50	R1, D	<5.0		<2.0							
Benzene	8260	3.5	D	1.1		<1.0							
Bromochloromethane	8260	<10	D	<1.0		<1.0							
Bromodichloromethane	8260	<10	D	<1.0		<1.0							
Bromoform	8260	<10	D	<1.0		<1.0							
Bromomethane	8260	<50	D	<5.0		<1.0							
Carbon disulfide	8260	10	D	<1.0		<1.0							
Carbon Tetrachloride	8260	<10	D	<1.0		<1.0							
Chlorobenzene	8260	<10	D	<1.0		<1.0							
Chloroethane	8260	<10	D	<1.0		<1.0							
Chloroform	8260	<10	D	<1.0		<1.0							
Chloromethane	8260	<10	D	<1.0		<1.0							
cis-1,2-Dichloroethylene	8260	<10	D	<1.0		<1.0							
cis-1,3-Dichloropropylene	8260	<10	D	<1.0		<1.0							
Dibromochloromethane	8260	<10	D	<1.0		<1.0							
Dibromomethane	8260	<20	D	<2.0		<1.0							
Ethylbenzene	8260	<10	D	<1.0		<1.0							
Iodomethane	8260	<10	D	<5.0		<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<50	L3, R1, D	<5.0		<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<50	L3, R1, D	<5.0		<5.0							
Methyl Isobutyl Ketone	8260	<50	L3, R1, D	<5.0		<5.0							
Methylene Chloride	8260	<50	D	<5.0		<1.0							
Methyl-tert-Butyl Ether	8260	<10	R1, D	<1.0		<1.0							
Styrene	8260	<10	D	<1.0		<1.0							
Toluene	8260	<10	D	<1.0		<1.0							
Total Xylenes	8260	<30	D	<3.0		<1.0							
trans-1,2-Dichloroethylene	8260	<10	D	<1.0		<1.0							
trans-1,3-Dichloropropylene	8260	<10	R1, D	<1.0		<1.0							
trans-1,4-Dichloro-2-butene	8260	<50	R1, D	<5.0		<1.0							
Trichlorofluoromethane	8260	<10	D	<1.0		<1.0							
Vinyl acetate	8260	<10	D	<5.0		<1.0							
Vinyl chloride	8260	<10	D	<1.0		<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP10 - PZM008											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/19/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<10	V6, D	<1.0							
1,1,1-Trichloroethane	8260	<1.0		<10	D	<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<10	D	<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0		<10	D	<1.0							
1,1,2-Trichloroethane	8260	<1.0		<10	D	<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<10	D	<1.0							
1,1-Dichloroethane	8260	0.27		<10	D	<1.0							
1,1-Dichloroethylene	8260	<1.0		<10	D	<1.0							
1,2,3-Trichloropropane	8260	<1.0		<50	D	<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<50	D	<1.0							
1,2-Dibromoethane	8260	<1.0		<10	D	<1.0							
1,2-Dichlorobenzene	8260	<1.0		<10	D	<1.0							
1,2-Dichloroethane	8260	<1.0		<10	D	<1.0							
1,2-Dichloropropane	8260	<1.0		<10	D	<1.0							
1,4-Dichlorobenzene	8260	<1.0		<10	D	<1.0							
Acetone	8260	390		<250	D	354							
Acrylonitrile	8260	<5.0		<50	D	<2.0							
Benzene	8260	9.6		13	D	12.1							
Bromochloromethane	8260	<1.0		<10	D	<1.0							
Bromodichloromethane	8260	<1.0		<10	D	<1.0							
Bromoform	8260	<1.0		<10	V6, D	<1.0							
Bromomethane	8260	<5.0	L3	<50	D	<1.0							
Carbon disulfide	8260	<1.0		<10	D	<1.0							
Carbon Tetrachloride	8260	<1.0		<10	V6, D	<1.0							
Chlorobenzene	8260	<1.0		<10	D	<1.0							
Chloroethane	8260	<1.0		<10	D	<1.0							
Chloroform	8260	<1.0		<10	D	<1.0							
Chloromethane	8260	1.4		<10	V6, D	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<10	D	<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<10	D	<1.0							
Dibromochloromethane	8260	<1.0		<10	V6, D	<1.0							
Dibromomethane	8260	<2.0		<20	D	<1.0							
Ethylbenzene	8260	1.2		<10	D	<1.0							
Iodomethane	8260	<1.0		<50	D	<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<50	D	<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	36		<50	D	33							
Methyl Isobutyl Ketone	8260	6.3		<50	D	6.5							
Methylene Chloride	8260	<5.0		<50	D	<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<10	D	<1.0							
Styrene	8260	0.76		<10	D	<1.0							
Toluene	8260	6.6		<10	D	6.7							
Total Xylenes	8260	8.8		<30	D	8.1							
trans-1,2-Dichloroethylene	8260	<1.0		<10	D	<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<10	D	<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<50	D	<1.0							
Trichlorofluoromethane	8260	<1.0		<10	D	<1.0							
Vinyl acetate	8260	<1.0		<50	D	<1.0							
Vinyl chloride	8260	<1.0		<10	D	<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP11 - PZM010											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<5.0	S3, V6, D	<1.0							
1,1,1-Trichloroethane	8260	<1.0		<5.0	S3, D	<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<5.0	S3, D	<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	M2	<5.0	S3, D	<1.0							
1,1,2-Trichloroethane	8260	<1.0		<5.0	S3, D	<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<5.0	S3, D	<1.0							
1,1-Dichloroethane	8260	0.33		<5.0	S3, D	<1.0							
1,1-Dichloroethylene	8260	<1.0		<5.0	S3, D	<1.0							
1,2,3-Trichloropropane	8260	<1.0		<25	S3, D	<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<25	S3, V6, D	<1.0							
1,2-Dibromoethane	8260	<1.0		<5.0	S3, D	<1.0							
1,2-Dichlorobenzene	8260	<1.0		<5.0	S3, D	<1.0							
1,2-Dichloroethane	8260	<1.0		<5.0	S3, D	<1.0							
1,2-Dichloropropane	8260	<1.0		<5.0	S3, D	<1.0							
1,4-Dichlorobenzene	8260	<1.0		<5.0	S3, D	<1.0							
Acetone	8260	70	V1	<120	S3, D	76.2							
Acrylonitrile	8260	<5.0		<25	D	<2.0							
Benzene	8260	17		6.6	D	15							
Bromochloromethane	8260	<1.0		<5.0	S3, D	<1.0							
Bromodichloromethane	8260	<1.0		<5.0	S3, V6, D	<1.0							
Bromoform	8260	<1.0		<5.0	S3, V6, D	<1.0							
Bromomethane	8260	<5.0		<25	S3, D	<1.0							
Carbon disulfide	8260	<1.0		<5.0	S3, D	<1.0							
Carbon Tetrachloride	8260	<1.0		<5.0	S3, V6, D	<1.0							
Chlorobenzene	8260	<1.0		<5.0	S3, D	<1.0							
Chloroethane	8260	<1.0	R2	<5.0	S3, D	<1.0							
Chloroform	8260	<1.0		<5.0	S3, D	<1.0							
Chloromethane	8260	<1.0		<5.0	S3, V6, D	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<5.0	S3, D	<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<5.0	S3, D	<1.0							
Dibromochloromethane	8260	<1.0		<5.0	S3, V6, D	<1.0							
Dibromomethane	8260	<2.0		<10	S3, D	<1.0							
Ethylbenzene	8260	0.93		<5.0	S3, D	<1.0							
Iodomethane	8260	<1.0		<25	S3, D	<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<25	S3, D	<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	5.4		<25	S3, D	5.9							
Methyl Isobutyl Ketone	8260	<5.0		<25	S3, D	<5.0							
Methylene Chloride	8260	<5.0		<25	S3, D	<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<5.0	S3, D	<1.0							
Styrene	8260	0.35	M10	<5.0	S3, D	<1.0							
Toluene	8260	4.3		<5.0	D	3.4							
Total Xylenes	8260	12		<15	D	8.7							
trans-1,2-Dichloroethylene	8260	<1.0		<5.0	S3, D	<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<5.0	S3, V6, D	<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<25	S3, D	<1.0							
Trichlorofluoromethane	8260	<1.0		<5.0	S3, D	<1.0							
Vinyl acetate	8260	<1.0		<25	S3, D	<1.0							
Vinyl chloride	8260	<1.0		<5.0	S3, D	<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP12 - PZM012											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/19/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	R1	<1.0	V6	<1.0							
1,1,1-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0		<1.0		<1.0							
1,1,2-Trichloroethane	8260	<1.0	R1	<1.0		<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethylene	8260	<1.0		<1.0		<1.0							
1,2,3-Trichloropropane	8260	<1.0	L3, R1	<5.0		<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<5.0	V6	<1.0							
1,2-Dibromoethane	8260	<1.0	L3, R1	<1.0		<1.0							
1,2-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
1,2-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,2-Dichloropropane	8260	<1.0		<1.0		<1.0							
1,4-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
Acetone	8260	<25	L3, R1	<25		<5.0							
Acrylonitrile	8260	<5.0	R1	<5.0		<2.0							
Benzene	8260	58		42		16.5							
Bromochloromethane	8260	<1.0		<1.0		<1.0							
Bromodichloromethane	8260	<1.0		<1.0	V6	<1.0							
Bromoform	8260	<1.0		<1.0	V6	<1.0							
Bromomethane	8260	<5.0		<5.0		<1.0							
Carbon disulfide	8260	<1.0		<1.0		<1.0							
Carbon Tetrachloride	8260	<1.0		<1.0	V6	<1.0							
Chlorobenzene	8260	<1.0		<1.0		<1.0							
Chloroethane	8260	<1.0		<1.0		<1.0							
Chloroform	8260	<1.0		<1.0		<1.0							
Chloromethane	8260	<1.0		<1.0	V6	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
Dibromochloromethane	8260	<1.0		<1.0	V6	<1.0							
Dibromomethane	8260	<2.0		<2.0		<1.0							
Ethylbenzene	8260	0.93		<1.0		<1.0							
Iodomethane	8260	<1.0		<5.0		<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	L3, R1	<5.0		<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	L3, R1	<5.0		<5.0							
Methyl Isobutyl Ketone	8260	<5.0	L3, R1	<5.0		<5.0							
Methylene Chloride	8260	<5.0		<5.0		<1.0							
Methyl-tert-Butyl Ether	8260	<1.0	R1	<1.0		<1.0							
Styrene	8260	<1.0		<1.0		<1.0							
Toluene	8260	7.1		3.0		1.9							
Total Xylenes	8260	16		7.1		3.6							
trans-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
trans-1,3-Dichloropropylene	8260	<1.0	R1	<1.0	V6	<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0	R1	<5.0		<1.0							
Trichlorofluoromethane	8260	<1.0		<1.0		<1.0							
Vinyl acetate	8260	<1.0		<5.0		<1.0							
Vinyl chloride	8260	<1.0		<1.0		<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP12 - PZM052											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/19/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	R1	<1.0	V6	<1.0							
1,1,1-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0		<1.0		<1.0							
1,1,2-Trichloroethane	8260	<1.0	R1	<1.0		<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethylene	8260	<1.0		<1.0		<1.0							
1,2,3-Trichloropropane	8260	<1.0	L3, R1	<5.0		<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<5.0	V6	<1.0							
1,2-Dibromoethane	8260	<1.0	L3, R1	<1.0		<1.0							
1,2-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
1,2-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,2-Dichloropropane	8260	<1.0		<1.0		<1.0							
1,4-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
Acetone	8260	<25	L3, R1	<25		<5.0							
Acrylonitrile	8260	<5.0	R1	<5.0		<2.0							
Benzene	8260	0.30		<1.0		<1.0							
Bromochloromethane	8260	<1.0		<1.0		<1.0							
Bromodichloromethane	8260	<1.0		<1.0	V6	<1.0							
Bromoform	8260	<1.0		<1.0	V6	<1.0							
Bromomethane	8260	<5.0		<5.0		<1.0							
Carbon disulfide	8260	<1.0		<1.0		<1.0							
Carbon Tetrachloride	8260	<1.0		<1.0	V6	<1.0							
Chlorobenzene	8260	<1.0		<1.0		<1.0							
Chloroethane	8260	<1.0		<1.0		<1.0							
Chloroform	8260	<1.0		<1.0		<1.0							
Chloromethane	8260	<1.0		<1.0	V6	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
Dibromochloromethane	8260	<1.0		<1.0	V6	<1.0							
Dibromomethane	8260	<2.0		<2.0		<1.0							
Ethylbenzene	8260	<1.0		<1.0		<1.0							
Iodomethane	8260	<1.0		<5.0		<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	L3, R1	<5.0		<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	L3, R1	<5.0		<5.0							
Methyl Isobutyl Ketone	8260	<5.0	L3, R1	<5.0		<5.0							
Methylene Chloride	8260	<5.0		<5.0		<1.0							
Methyl-tert-Butyl Ether	8260	<1.0	R1	<1.0		<1.0							
Styrene	8260	<1.0		<1.0		<1.0							
Toluene	8260	<1.0		<1.0		<1.0							
Total Xylenes	8260	<3.0		<3.0		<1.0							
trans-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
trans-1,3-Dichloropropylene	8260	<1.0	R1	<1.0	V6	<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0	R1	<5.0		<1.0							
Trichlorofluoromethane	8260	<1.0		<1.0		<1.0							
Vinyl acetate	8260	<1.0		<5.0		<1.0							
Vinyl chloride	8260	<1.0		<1.0		<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP14 - PZM009											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<10	S3, D	<1.0							
1,1,1-Trichloroethane	8260	<1.0		<10	S3, D	<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<10	S3, D	<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0		<10	S3, D	<1.0							
1,1,2-Trichloroethane	8260	<1.0		<10	S3, D	<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<10	S3, D	<1.0							
1,1-Dichloroethane	8260	<1.0		<10	S3, D	<1.0							
1,1-Dichloroethylene	8260	<1.0		<10	S3, D	<1.0							
1,2,3-Trichloropropane	8260	<1.0		<50	S3, D	<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<50	S3, D	<1.0							
1,2-Dibromoethane	8260	<1.0		<10	S3, D	<1.0							
1,2-Dichlorobenzene	8260	<1.0		<10	S3, D	<1.0							
1,2-Dichloroethane	8260	<1.0		<10	S3, D	<1.0							
1,2-Dichloropropane	8260	<1.0		<10	S3, D	<1.0							
1,4-Dichlorobenzene	8260	<1.0		<10	S3, D	<1.0							
Acetone	8260	34		<250	S3, D	39.8							
Acrylonitrile	8260	<5.0		<50	D	<1.0							
Benzene	8260	21		50	D	59.8							
Bromochloromethane	8260	<1.0		<10	S3, D	<1.0							
Bromodichloromethane	8260	<1.0		<10	S3, D	<1.0							
Bromoform	8260	<1.0		<10	S3, D	<1.0							
Bromomethane	8260	<5.0		<50	S3, D	<1.0							
Carbon disulfide	8260	<1.0		<10	S3, D	<1.0							
Carbon Tetrachloride	8260	<1.0		<10	S3, D	<1.0							
Chlorobenzene	8260	<1.0		<10	S3, D	<1.0							
Chloroethane	8260	<1.0		<10	S3, D	<1.0							
Chloroform	8260	<1.0		<10	S3, D	<1.0							
Chloromethane	8260	<1.0		<10	S3, D	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<10	S3, D	<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<10	S3, D	<1.0							
Dibromochloromethane	8260	<1.0		<10	S3, D	<1.0							
Dibromomethane	8260	<2.0		<20	S3, D	<1.0							
Ethylbenzene	8260	0.52		<10	S3, D	<1.0							
Iodomethane	8260	<1.0		<50	S3, D	<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<50	S3, D	<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0		<50	S3, D	<5.0							
Methyl Isobutyl Ketone	8260	<5.0		<50	S3, D	<5.0							
Methylene Chloride	8260	<5.0		<50	S3, D	<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<10	S3, D	<1.0							
Styrene	8260	<1.0		<10	S3, D	<1.0							
Toluene	8260	2.0		<10	D	3.8							
Total Xylenes	8260	3.2		<30	D	3.5							
trans-1,2-Dichloroethylene	8260	<1.0		<10	S3, D	<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<10	S3, D	<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<50	S3, D	<1.0							
Trichlorofluoromethane	8260	<1.0		<10	S3, D	<1.0							
Vinyl acetate	8260	<1.0		<50	S3, D	<1.0							
Vinyl chloride	8260	<1.0		<10	S3, D	<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP14 - PZM062											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<1.0	V6	<1.0							
1,1,1-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0		<1.0		<1.0							
1,1,2-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethylene	8260	<1.0		<1.0		<1.0							
1,2,3-Trichloropropane	8260	<1.0		<5.0		<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<5.0		<1.0							
1,2-Dibromoethane	8260	<1.0		<1.0		<1.0							
1,2-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
1,2-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,2-Dichloropropane	8260	<1.0		<1.0		<1.0							
1,4-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
Acetone	8260	<25		<25		<5.0							
Acrylonitrile	8260	<5.0		<5.0		<2.0							
Benzene	8260	<1.0		<1.0		<1.0							
Bromochloromethane	8260	<1.0		<1.0		<1.0							
Bromodichloromethane	8260	<1.0		<1.0		<1.0							
Bromoform	8260	<1.0		<1.0	V6	<1.0							
Bromomethane	8260	<5.0	V6	<5.0		<1.0							
Carbon disulfide	8260	<1.0		<1.0		<1.0							
Carbon Tetrachloride	8260	<1.0		<1.0	V6	<1.0							
Chlorobenzene	8260	<1.0		<1.0		<1.0							
Chloroethane	8260	<1.0		<1.0		<1.0							
Chloroform	8260	<1.0		<1.0		<1.0							
Chloromethane	8260	<1.0		<1.0	V6	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
Dibromochloromethane	8260	<1.0		<1.0	V6	<1.0							
Dibromomethane	8260	<2.0		<2.0		<1.0							
Ethylbenzene	8260	<1.0		<1.0		<1.0							
Iodomethane	8260	<1.0		<5.0		<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<5.0		<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0		<5.0		<5.0							
Methyl Isobutyl Ketone	8260	<5.0		<5.0		<5.0							
Methylene Chloride	8260	<5.0		<5.0		<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<1.0		<1.0							
Styrene	8260	<1.0		<1.0		<1.0							
Toluene	8260	<1.0		<1.0		<1.0							
Total Xylenes	8260	<3.0		<3.0		<1.0							
trans-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<5.0		<1.0							
Trichlorofluoromethane	8260	<1.0		<1.0		<1.0							
Vinyl acetate	8260	<1.0		<5.0		<1.0							
Vinyl chloride	8260	<1.0		<1.0		<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP15 - PZM020											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<10	D	<1.0							
1,1,1-Trichloroethane	8260	<1.0		<10	D	<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<10	D	<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	M2	<10	D	<1.0							
1,1,2-Trichloroethane	8260	<1.0		<10	D	<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<10	D	<1.0							
1,1-Dichloroethane	8260	0.28		<10	D	<1.0							
1,1-Dichloroethylene	8260	<1.0		<10	D	<1.0							
1,2,3-Trichloropropane	8260	<1.0		<50	D	<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<50	D	<1.0							
1,2-Dibromoethane	8260	<1.0		<10	D	<1.0							
1,2-Dichlorobenzene	8260	<1.0		<10	D	<1.0							
1,2-Dichloroethane	8260	<1.0		<10	D	<1.0							
1,2-Dichloropropane	8260	<1.0		<10	D	<1.0							
1,4-Dichlorobenzene	8260	<1.0		<10	D	<1.0							
Acetone	8260	130	V1	<250	D	128							
Acrylonitrile	8260	<5.0		<50	D	<1.0							
Benzene	8260	18		21	D	18.5							
Bromochloromethane	8260	<1.0		<10	D	<1.0							
Bromodichloromethane	8260	<1.0		<10	D	<1.0							
Bromoform	8260	<1.0		<10	D	<1.0							
Bromomethane	8260	<5.0		<50	D	<1.0							
Carbon disulfide	8260	<1.0		<10	D	<1.0							
Carbon Tetrachloride	8260	<1.0		<10	D	<1.0							
Chlorobenzene	8260	<1.0		<10	D	<1.0							
Chloroethane	8260	<1.0	R2	<10	D	<1.0							
Chloroform	8260	<1.0		<10	D	<1.0							
Chloromethane	8260	0.69		<10	D	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<10	D	<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<10	D	<1.0							
Dibromochloromethane	8260	<1.0		<10	D	<1.0							
Dibromomethane	8260	<2.0		<20	D	<1.0							
Ethylbenzene	8260	1.7		<10	D	1.6							
Iodomethane	8260	<1.0		<50	D	<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<50	D	<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	9.8		<50	D	10.1							
Methyl Isobutyl Ketone	8260	3.1		<50	D	<5.0							
Methylene Chloride	8260	<5.0		<50	D	<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<10	D	<1.0							
Styrene	8260	0.64	M10	<10	D	<1.0							
Toluene	8260	6.5		<10	D	7.1							
Total Xylenes	8260	12		<30	D	11.5							
trans-1,2-Dichloroethylene	8260	<1.0		<10	D	<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<10	D	<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<50	D	<1.0							
Trichlorofluoromethane	8260	<1.0		<10	D	<1.0							
Vinyl acetate	8260	<1.0		<50	D	<1.0							
Vinyl chloride	8260	<1.0		<10	D	<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP15 - PZM042											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,1-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<1.0		<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	M2	<1.0		<1.0							
1,1,2-Trichloroethane	8260	<1.0		<1.0		<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,1-Dichloroethylene	8260	<1.0		<1.0		<1.0							
1,2,3-Trichloropropane	8260	<1.0		<5.0		<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<5.0		<1.0							
1,2-Dibromoethane	8260	<1.0		<1.0		<1.0							
1,2-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
1,2-Dichloroethane	8260	<1.0		<1.0		<1.0							
1,2-Dichloropropane	8260	<1.0		<1.0		<1.0							
1,4-Dichlorobenzene	8260	<1.0		<1.0		<1.0							
Acetone	8260	<25	V1	<25		<5.0							
Acrylonitrile	8260	<5.0		<5.0		<2.0							
Benzene	8260	<1.0		<1.0		<1.0							
Bromochloromethane	8260	<1.0		<1.0		<1.0							
Bromodichloromethane	8260	<1.0		<1.0		<1.0							
Bromoform	8260	<1.0		<1.0		<1.0							
Bromomethane	8260	<5.0		<5.0		<1.0							
Carbon disulfide	8260	<1.0		<1.0		<1.0							
Carbon Tetrachloride	8260	<1.0		<1.0		<1.0							
Chlorobenzene	8260	<1.0		<1.0		<1.0							
Chloroethane	8260	<1.0	R2	<1.0		<1.0							
Chloroform	8260	<1.0		<1.0		<1.0							
Chloromethane	8260	<1.0		<1.0		<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
Dibromochloromethane	8260	<1.0		<1.0		<1.0							
Dibromomethane	8260	<2.0		<2.0		<1.0							
Ethylbenzene	8260	<1.0		<1.0		<1.0							
Iodomethane	8260	<1.0		<5.0		<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<5.0		<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0		<5.0		<5.0							
Methyl Isobutyl Ketone	8260	<5.0		<5.0		<5.0							
Methylene Chloride	8260	<5.0		<5.0		<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<1.0		<1.0							
Styrene	8260	<1.0	M10	<1.0		<1.0							
Toluene	8260	<1.0		<1.0		<1.0							
Total Xylenes	8260	<3.0		<3.0		<1.0							
trans-1,2-Dichloroethylene	8260	<1.0		<1.0		<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<1.0		<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<5.0		<1.0							
Trichlorofluoromethane	8260	<1.0		<1.0		<1.0							
Vinyl acetate	8260	<1.0		<5.0		<1.0							
Vinyl chloride	8260	<1.0		<1.0		<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP16 - PZM035											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/19/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0		<5.0	S3, V6, D	<1.0							
1,1,1-Trichloroethane	8260	<1.0		<5.0	S3, D	<1.0							
1,1,2,2-Tetrachloroethane	8260	<1.0		<5.0	M10, S3, D	<1.0							
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0		<5.0	S3, D	<1.0							
1,1,2-Trichloroethane	8260	<1.0		<5.0	S3, D	<1.0							
1,1,2-Trichloroethylene (TCE)	8260	<1.0		<5.0	S3, D	<1.0							
1,1-Dichloroethane	8260	<1.0		<5.0	S3, D	<1.0							
1,1-Dichloroethylene	8260	<1.0		<5.0	S3, D	<1.0							
1,2,3-Trichloropropane	8260	<1.0		<25	S3, D	<1.0							
1,2-Dibromo-3-chloropropane	8260	<5.0		<25	S3, V6, D	<1.0							
1,2-Dibromoethane	8260	<1.0		<5.0	S3, D	<1.0							
1,2-Dichlorobenzene	8260	<1.0		<5.0	S3, D	<1.0							
1,2-Dichloroethane	8260	<1.0		<5.0	S3, D	<1.0							
1,2-Dichloropropane	8260	<1.0		<5.0	S3, D	<1.0							
1,4-Dichlorobenzene	8260	<1.0		<5.0	S3, D	<1.0							
Acetone	8260	38		<120	S3, D	27.8							
Acrylonitrile	8260	<5.0		<25	D	<2.0							
Benzene	8260	290	D	230	D	229							
Bromochloromethane	8260	<1.0		<5.0	S3, D	<1.0							
Bromodichloromethane	8260	<1.0		<5.0	S3, V6, D	<1.0							
Bromoform	8260	<1.0		<5.0	S3, V6, D	<1.0							
Bromomethane	8260	<5.0	V6	<25	S3, D	<1.0							
Carbon disulfide	8260	<1.0		<5.0	S3, D	<1.0							
Carbon Tetrachloride	8260	<1.0		<5.0	S3, V6, D	<1.0							
Chlorobenzene	8260	<1.0		<5.0	S3, D	<1.0							
Chloroethane	8260	<1.0		<5.0	S3, D	<1.0							
Chloroform	8260	<1.0		<5.0	S3, D	<1.0							
Chloromethane	8260	<1.0		<5.0	S3, V6, D	<1.0							
cis-1,2-Dichloroethylene	8260	<1.0		<5.0	S3, D	<1.0							
cis-1,3-Dichloropropylene	8260	<1.0		<5.0	S3, D	<1.0							
Dibromochloromethane	8260	<1.0		<5.0	S3, V6, D	<1.0							
Dibromomethane	8260	<2.0		<10	S3, D	<1.0							
Ethylbenzene	8260	1.1		<5.0	S3, D	<1.0							
Iodomethane	8260	<1.0		<25	S3, D	<1.0							
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0		<25	S3, D	<5.0							
Methyl Ethyl Ketone (2-Butanone)	8260	6.3		<25	S3, D	5.8							
Methyl Isobutyl Ketone	8260	<5.0		<25	S3, D	<5.0							
Methylene Chloride	8260	<5.0		<25	S3, D	<1.0							
Methyl-tert-Butyl Ether	8260	<1.0		<5.0	S3, D	<1.0							
Styrene	8260	<1.0		<5.0	S3, D	<1.0							
Toluene	8260	14		15	D	14.6							
Total Xylenes	8260	8.6		<15	D	7.6							
trans-1,2-Dichloroethylene	8260	<1.0		<5.0	S3, D	<1.0							
trans-1,3-Dichloropropylene	8260	<1.0		<5.0	S3, V6, D	<1.0							
trans-1,4-Dichloro-2-butene	8260	<5.0		<25	S3, D	<1.0							
Trichlorofluoromethane	8260	<1.0		<5.0	S3, D	<1.0							
Vinyl acetate	8260	<1.0		<25	S3, D	<1.0							
Vinyl chloride	8260	<1.0		<5.0	S3, D	<1.0							

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

APPENDIX B

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP02 - PZM007											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/19/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	39		46		42							
Ammonia (N)	mg/L	2.8		3.7		2.1							
Antimony	mg/L	0.00099	J	0.00067	J	<0.010	D3						
Arsenic	mg/L	0.017		0.019		0.022							
Barium	mg/L	0.020		0.023		<0.050							
Beryllium	mg/L	<0.0010	U	<0.0010	U	<0.010	D3						
Cadmium	mg/L	<0.00050	U	0.00029	J	<0.020	D3						
Calcium	mg/L	450	D	550	D	499							
Chloride	mg/L	51		64									
Chromium	mg/L	0.0012	J	0.00094	J	<0.050	D3						
Cobalt	mg/L	0.0031	J	0.0046	J	<0.050							
COD, Total	mg/L	5.0	J	17									
Conductivity	umhos/cm	540		2.7									
Copper	mg/L	0.010		0.021		<0.050	D3						
Hardness (as CaCO3)	mg/L	1,200		1500									
Iron	mg/L	0.13	B	0.40	D	<0.25							
Lead	mg/L	0.0036	B	0.0076		<0.010	D3						
Magnesium	mg/L	25		28	D	18.2							
Manganese	mg/L	1.2	D	2.2	D	0.97							
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.0002							
Nickel	mg/L	0.0082		0.018		<0.055	D3						
Nitrogen, Nitrate	mg/L	<0.050		<0.050		<0.010							
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U	<0.050	U								
Nitrogen, Nitrite	mg/L	<0.012	U	<0.012	U	<0.010							
pH	pH Units	8.49		8.37		7.6							
Potassium	mg/L	46	B	38	D	51.1							
Selenium	mg/L	0.0072		0.0067		<0.18							
Silver	mg/L	<0.0010	U	<0.0010	U	<0.050	D3						
Sodium	mg/L	120	D	140	D	118							
Sulfate as SO4	mg/L	1,300	D	2,000	D, B	1,460							
Thallium	mg/L	0.00086	J	0.00037	J	<0.010	D3						
Total Dissolved Solids	mg/L	1,500	D	2600	D	2,210							
Turbidity	NTU	0.71		3.0		0.26							
Vanadium	mg/L	0.0073		0.0054		<0.050							
Zinc	mg/L	<0.0050	U	0.0066		<0.050	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP02 - PZM026											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/9/2011		3/19/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	20		26		50.0	D3						
Ammonia (N)	mg/L	4.7		2.0		2.2							
Antimony	mg/L	0.00092	J	<0.0050	U	<0.010							
Arsenic	mg/L	<0.0020	U	0.00088	J	<0.010	D3						
Barium	mg/L	0.0082		0.0091		<0.050							
Beryllium	mg/L	<0.0010	U	<0.0010	U	<0.010	D3						
Cadmium	mg/L	0.00053		0.00056		<0.020	D3						
Calcium	mg/L	490	D	480	D	512							
Chloride	mg/L	170	D	160	D	190							
Chromium	mg/L	0.0010	J	<0.0020	U	<0.050	D3						
Cobalt	mg/L	0.0029	J	0.0030	J	<0.050							
COD, Total	mg/L	22		<10	U	48.6							
Conductivity	umhos/cm	2800		2.8		3,130							
Copper	mg/L	0.0027		0.0025		<0.050	D3						
Hardness (as CaCO3)	mg/L	1400		1400		1,440							
Iron	mg/L	4.4	B	1.9	D	13.9							
Lead	mg/L	<0.0010	U	<0.0010	U	<0.010	D3						
Magnesium	mg/L	52		52	D	47.8							
Manganese	mg/L	4.9	D	6.0	D	5.8							
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.0086		0.014		<0.055	D3						
Nitrogen, Nitrate	mg/L	0.064		7.1		5.5							
Nitrogen, Nitrate-Nitrite	mg/L	0.077		7.1	D								
Nitrogen, Nitrite	mg/L	0.013		<0.012	U	<0.010							
pH	pH Units	7.12		6.10		6.5							
Potassium	mg/L	26	B	22	D	21.4							
Selenium	mg/L	0.0013	J	0.0037	J	<0.18	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.050	D3						
Sodium	mg/L	170	D	180	D	158							
Sulfate as SO4	mg/L	1700	D	1600	D, B	1,470							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.010	D3						
Total Dissolved Solids	mg/L	2100	D	2400	D	2,350							
Turbidity	NTU	3.3		11		2.4							
Vanadium	mg/L	<0.0050	U	<0.0050	U	<0.050							
Zinc	mg/L	0.0056		0.011		<0.050	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	Units	Well CP05 - PZM008											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/12/2011		8/11/2011		3/18/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	1,700	D	1,900	D	1,300							
Ammonia (N)	mg/L	6.2	D	9.6	D	6.2							
Antimony	mg/L	0.00068	J	0.0014	J	<0.0025	D3						
Arsenic	mg/L	<0.0020	U	0.0051		<0.0025	D3						
Barium	mg/L	0.63		0.92		0.60							
Beryllium	mg/L	<0.0010	U	<0.0010	U	<0.001	D3						
Cadmium	mg/L	<0.00050	U	<0.00050	U	<0.0004	D3						
Calcium	mg/L	670	D	750	D	606							
Chloride	mg/L	15		1,300	D	650							
Chromium	mg/L	0.0025		0.0024		<0.0025	D3						
Cobalt	mg/L	0.00052	J	0.0014	J	<0.0025	D3						
COD, Total	mg/L	37		25		70.4							
Conductivity	umhos/cm	7,600		9.9		8,750							
Copper	mg/L	0.0019		0.0084		<0.0025	D3						
Hardness (as CaCO3)	mg/L	1700		1,900		1,560							
Iron	mg/L	<0.0050	U	0.16	J, D	<0.25	D3						
Lead	mg/L	<0.0010	U	0.00030	J	<0.0005	D3						
Magnesium	mg/L	0.021		0.32	J, D	<0.025	D3						
Manganese	mg/L	0.0025		0.041		<0.0025	D3						
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.022		0.043		0.0055							
Nitrogen, Nitrate	mg/L	<0.050		<0.050		<0.060							
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U	0.050									
Nitrogen, Nitrite	mg/L	0.64		0.042		0.18							
pH	pH Units	11.9		12.6		12.5							
Potassium	mg/L	77	B	88	D	57							
Selenium	mg/L	0.0010	J	0.020		<0.0025	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	0.0038	D3						
Sodium	mg/L	210	D	600	D	184							
Sulfate as SO4	mg/L	66	D	16	B	82							
Thallium	mg/L	<0.0010	U	0.00034	J	<0.00050	D3						
Total Dissolved Solids	mg/L	2,100	D	3,300	D	2,140							
Turbidity	NTU	0.31		4.0		0.27							
Vanadium	mg/L	<0.0050	U	<0.0050	U	0.003							
Zinc	mg/L	0.016		0.0032	J	<0.025	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP05 - PZM019											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/11/2011		8/12/2011		3/18/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	1600		1400		1300							
Ammonia (N)	mg/L	8.1	D	6.5	D	7.3							
Antimony	mg/L	0.00086	J	0.00054	J	<0.0025	D3						
Arsenic	mg/L	0.0023		0.0014	J	<0.0025	D3						
Barium	mg/L	0.88		0.53		0.88							
Beryllium	mg/L	<0.0010	U	0.00043	J	<0.001	D3						
Cadmium	mg/L	<0.00050	U	<0.00050	U	<0.0004	D3						
Calcium	mg/L	800	D	620	D	780							
Chloride	mg/L	9.5		470	D	1730							
Chromium	mg/L	0.0039		0.0016	J	<0.0025	D3						
Cobalt	mg/L	0.00070	J	0.0012	J	<0.0025	D3						
COD, Total	mg/L	58		21		85.6							
Conductivity	umhos/cm	11,000		6.5		11,800							
Copper	mg/L	0.0077		0.0015		<0.0025	D3						
Hardness (as CaCO3)	mg/L	2,000		1,600		1,880							
Iron	mg/L	0.14	B	<0.25	U, D	<0.25	D3						
Lead	mg/L	0.00025	J, B	0.00037	J	<0.00050							
Magnesium	mg/L	0.15		0.21	J, D	0.11							
Manganese	mg/L	0.032		0.0045		0.011							
Mercury	mg/L	0.000030	J	<0.00020	U	<0.00020							
Nickel	mg/L	0.034		0.037		0.011							
Nitrogen, Nitrate	mg/L	<0.050		<0.050		<0.060							
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U	0.054									
Nitrogen, Nitrite	mg/L	0.046		0.88		0.043							
pH	pH Units	12.0		11.9		12.5							
Potassium	mg/L	97	D, B	66	D	74							
Selenium	mg/L	0.0028	J	0.0084		<0.0025	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.0025	D3						
Sodium	mg/L	840	D	240	D	686							
Sulfate as SO4	mg/L	11		37		29.4							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.00050	D3						
Total Dissolved Solids	mg/L	4,700	D	2,000	D	3,220							
Turbidity	NTU	7.8		3.0		0.4							
Vanadium	mg/L	<0.0050	U	0.0053		0.0015							
Zinc	mg/L	0.034		0.0031	J	<0.025	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP05 - PZM028											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/13/2011		3/19/2013									
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	450	D	770									
Ammonia (N)	mg/L	15	D	2.5									
Antimony	mg/L	0.0021	J	<0.010	D3								
Arsenic	mg/L	0.0064		<0.010	D3								
Barium	mg/L	0.32		0.64									
Beryllium	mg/L	<0.0010	U	<0.010	D3								
Cadmium	mg/L	<0.00050	U	<0.020	D3								
Calcium	mg/L	320	D	311									
Chloride	mg/L	3,200	D	523									
Chromium	mg/L	0.0077	B	<0.050									
Cobalt	mg/L	0.00044	J	<0.050	D3								
COD, Total	mg/L	110		39.9									
Conductivity	umhos/cm	11,000		5440									
Copper	mg/L	0.019		<0.050									
Hardness (as CaCO3)	mg/L	800		757									
Iron	mg/L	0.23		<0.25									
Lead	mg/L	0.00061	J	<0.010									
Magnesium	mg/L	0.26		0.088									
Manganese	mg/L	0.025		<0.050									
Mercury	mg/L	<0.00020	U	<0.00020									
Nickel	mg/L	0.015		<0.055									
Nitrogen, Nitrate	mg/L	<0.050		0.47									
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U										
Nitrogen, Nitrite	mg/L	0.031		2.4									
pH	pH Units	12.5		12.2									
Potassium	mg/L	120	D, B	56.7									
Selenium	mg/L	0.021		<0.18	D3								
Silver	mg/L	<0.0010	U	<0.050	D3								
Sodium	mg/L	1,800	D	260									
Sulfate as SO4	mg/L	27		33									
Thallium	mg/L	0.00052	J	<0.010	D3								
Total Dissolved Solids	mg/L	3,500	D	1,470									
Turbidity	NTU	1.2		0.28									
Vanadium	mg/L	<0.0050	U	<0.050									
Zinc	mg/L	0.0075		<0.050	D3								

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP07 - PZM006											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/10/2011		3/18/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	65	D	180	D	400							
Ammonia (N)	mg/L	7.2	D	16	D	23.4							
Antimony	mg/L	0.0011	J	0.00070	J	<0.0025	D3						
Arsenic	mg/L	0.0023		0.0048		0.0045							
Barium	mg/L	0.019		0.018		0.090							
Beryllium	mg/L	<0.0010	U	0.00042	J	<0.0010	D3						
Cadmium	mg/L	<0.00050	U	0.00031	J	<0.00040	D3						
Calcium	mg/L	120	D	130	D	135	M6						
Chloride	mg/L	130	D	180	D	208							
Chromium	mg/L	0.0032		<0.0020	U	<0.0025	D3						
Cobalt	mg/L	<0.0050	U	0.00055	J	<0.0025	D3						
COD, Total	mg/L	24		38		50.8							
Conductivity	umhos/cm	1,100		1,300		2,900							
Copper	mg/L	0.0026		0.0015		<0.0025	D3, M6						
Hardness (as CaCO3)	mg/L	300		320		300							
Iron	mg/L	0.041	B	<0.25	U, D	<0.25	D3						
Lead	mg/L	0.00048	J, B	0.00026	J	<0.00050	D3						
Magnesium	mg/L	0.12		0.15	J, D	0.087							
Manganese	mg/L	0.0033		0.0010		<0.0025	D3						
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.0079		0.012		0.0065							
Nitrogen, Nitrate	mg/L	<0.050		<0.050		0.36							
Nitrogen, Nitrate-Nitrite	mg/L	0.043	J	0.077									
Nitrogen, Nitrite	mg/L	0.37		0.050		0.21							
pH	pH Units	10.9		10.3		7.4							
Potassium	mg/L	48	B	82	D	78.3	M6						
Selenium	mg/L	0.0011	J	0.0029	J	<0.0025	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.0025	D3						
Sodium	mg/L	120	D	170	D	152	M6						
Sulfate as SO4	mg/L	300	D	400	D	345							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.00050	D3						
Total Dissolved Solids	mg/L	850	D	1,100	D	909							
Turbidity	NTU	0.91		0.29		0.25							
Vanadium	mg/L	0.59		0.46		0.15							
Zinc	mg/L	<0.0050	U	0.0017	J	<0.025	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP08 - PZM008											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/10/2011		3/19/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	460	D	370	D	600							
Ammonia (N)	mg/L	6.8	D	6.8	D	7.0							
Antimony	mg/L	0.00044	J	<0.0050	U	<0.010	D3						
Arsenic	mg/L	<0.0020	U	0.00076	J	<0.010	D3						
Barium	mg/L	0.084		0.067		0.061							
Beryllium	mg/L	<0.0010	U	0.00042	J	<0.010	D3						
Cadmium	mg/L	<0.00050	U	0.00024	J	<0.020	D3						
Calcium	mg/L	320	D	340	D	389							
Chloride	mg/L	58	D	56		85.5							
Chromium	mg/L	0.0068		0.0013	J	<0.050	D3						
Cobalt	mg/L	0.00026	J	0.00065	J	<0.050	D3						
COD, Total	mg/L	110		120		133							
Conductivity	umhos/cm	2,800		2.1		3,050							
Copper	mg/L	0.0029		0.0023		<0.050	D3						
Hardness (as CaCO3)	mg/L	790		840		940							
Iron	mg/L	0.36	B	<0.25	U, D	<0.25	D3						
Lead	mg/L	0.0010	B	<0.0010	U	<0.010							
Magnesium	mg/L	0.18		<0.50	U, D	0.07							
Manganese	mg/L	0.046		0.0048		<0.050							
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.010		0.019		<0.055							
Nitrogen, Nitrate	mg/L	<0.050		<0.050		0.19							
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U	<0.050	U								
Nitrogen, Nitrite	mg/L	0.034		0.0081	J	<0.010							
pH	pH Units	12.0		11.8		11.9							
Potassium	mg/L	71	B	66	D	57							
Selenium	mg/L	<0.0050	U	0.0014	J	<0.18	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.050	D3						
Sodium	mg/L	62		77	D	53							
Sulfate as SO4	mg/L	570	D	590	D	721							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.010	D3						
Total Dissolved Solids	mg/L	1,400	D	1,300	D	1,490							
Turbidity	NTU	0.42		0.39		0.24							
Vanadium	mg/L	0.031		0.027		<0.050							
Zinc	mg/L	0.0025	J	0.0020	J	<0.050	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	Units	Well CP08 - PZM034											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/10/2011		3/19/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	840	D	1,200	D	700							
Ammonia (N)	mg/L	26	D	39	D	42.2							
Antimony	mg/L	0.0021	J	<0.0050	U	<0.010	D3						
Arsenic	mg/L	0.0057		0.015		<0.010	D3						
Barium	mg/L	0.078		0.067		0.069							
Beryllium	mg/L	<0.0010	U	0.00044	J	<0.010	D3						
Cadmium	mg/L	<0.00050	U	0.00048	J	<0.020	D3						
Calcium	mg/L	100	D	100	D	106							
Chloride	mg/L	3,900	D	3,600	D	6,950							
Chromium	mg/L	0.0066		0.0060		<0.050							
Cobalt	mg/L	0.00062	J	0.00095	J	<0.050	D3						
COD, Total	mg/L	93		88		353							
Conductivity	umhos/cm	1,100		11		12,700							
Copper	mg/L	0.027		0.0019		<0.050	D3						
Hardness (as CaCO3)	mg/L	1,200		1,200		1,090							
Iron	mg/L	6.4	B	5.5	D	4.8							
Lead	mg/L	0.0011	B	0.00078	J	<0.010	D3						
Magnesium	mg/L	230	D	220	D	217							
Manganese	mg/L	1.8	D	2.0	D	1.9							
Mercury	mg/L	0.000087	J	<0.00020	U	<0.00020							
Nickel	mg/L	0.0038	J	0.0067		<0.055	D3						
Nitrogen, Nitrate	mg/L	<0.050		<0.050		<0.060							
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U	0.042	J								
Nitrogen, Nitrite	mg/L	<0.012	U	<0.012	U	<0.010							
pH	pH Units	7.40		7.11		7.5							
Potassium	mg/L	97	B	75	D	69.8							
Selenium	mg/L	0.020		0.064		<0.18	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.050	D3						
Sodium	mg/L	2,200	D	2,200	D	2,290							
Sulfate as SO4	mg/L	7.9		16	B	11.1							
Thallium	mg/L	0.00045	J	<0.0010	U	<0.010	D3						
Total Dissolved Solids	mg/L	3,200	D	5,100	D	6,300							
Turbidity	NTU	39		53	D	44.4							
Vanadium	mg/L	<0.0050	U	<0.0050	U	<0.050							
Zinc	mg/L	0.0042	J	0.0038	J	<0.050	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP09 - PZM010											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/11/2011		8/11/2011		3/18/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	980	D	520	D	500							
Ammonia (N)	mg/L	9.0	D	0.23		8							
Antimony	mg/L	0.0013	J	<0.0050	U	<0.0025	D3						
Arsenic	mg/L	0.0024		0.0096		<0.0025	D3						
Barium	mg/L	0.11		0.085		0.13							
Beryllium	mg/L	<0.0010	U	0.00042	J	<0.0010	D3						
Cadmium	mg/L	<0.00050	U	<0.00050	U	<0.00040	D3						
Calcium	mg/L	640	D	520	D	697							
Chloride	mg/L	2,400	D	3,000	D	4,670							
Chromium	mg/L	0.016		0.075		0.017							
Cobalt	mg/L	0.00055	J	0.0010	J	<0.0025	D3						
COD, Total	mg/L	39		<10	U	157							
Conductivity	umhos/cm	10,000		10		14,300							
Copper	mg/L	0.032		0.0024		0.0057							
Hardness (as CaCO3)	mg/L	1,600		1,300		1,730							
Iron	mg/L	<0.0050	U	<0.25	U, D	<0.25							
Lead	mg/L	0.074	B	0.0070		0.031							
Magnesium	mg/L	7.3		0.27	J, D	21.5							
Manganese	mg/L	0.0083		0.00064	J	0.007							
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.020		0.029		0.0067							
Nitrogen, Nitrate	mg/L	<0.050		1.8		0.18							
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U	2.1									
Nitrogen, Nitrite	mg/L	0.39		0.25		0.49							
pH	pH Units	12.2		11.9		12.2							
Potassium	mg/L	98	B	66	D	87.1							
Selenium	mg/L	0.0023	J	0.044		<0.0025	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.0025	D3						
Sodium	mg/L	1,200	D	1,700	D	1,910							
Sulfate as SO4	mg/L	310	D	380	D	471							
Thallium	mg/L	0.00034	J	<0.0010	U	<0.00050	D3						
Total Dissolved Solids	mg/L	3,800	D	6,200	D	6,350							
Turbidity	NTU	2.4		0.14		8.6							
Vanadium	mg/L	0.0013	J	0.0014	J	0.02							
Zinc	mg/L	0.0080		0.0013	J	<0.025	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP09 - PZM047											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/11/2011		8/11/2011		3/18/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	1,900	D	4,900	D	1,800							
Ammonia (N)	mg/L	95	D	110	D	190							
Antimony	mg/L	0.0018	J	0.0025	J	<0.0025	D3						
Arsenic	mg/L	0.013		0.033		<0.0025	D3						
Barium	mg/L	0.16		0.15		0.17							
Beryllium	mg/L	<0.0010	U	0.00046	J	<0.0010	D3						
Cadmium	mg/L	<0.00050	U	<0.00050	U	<0.00040	D3						
Calcium	mg/L	98	D	95	D	94.5							
Chloride	mg/L	6,800	D	6,300	D	8,250							
Chromium	mg/L	0.0059		0.0076		0.0034							
Cobalt	mg/L	0.0020	J	0.0027	J	<0.0025	D3						
COD, Total	mg/L	170	D	150		690							
Conductivity	umhos/cm	18,000		17		21,100							
Copper	mg/L	0.14		0.0027		<0.0025	D3						
Hardness (as CaCO3)	mg/L	2,300		2,100		2,220							
Iron	mg/L	18	B	19	D	16.1							
Lead	mg/L	0.00071	J, B	0.0014		<0.00050	D3						
Magnesium	mg/L	490	D	460	D	443							
Manganese	mg/L	1.5	D	1.8	D	1.6							
Mercury	mg/L	0.000029	J	<0.00020	U	<0.00020							
Nickel	mg/L	0.0045	J	0.0076		<0.0025	D3						
Nitrogen, Nitrate	mg/L	0.051		0.11		<0.060							
Nitrogen, Nitrate-Nitrite	mg/L	0.051		0.11									
Nitrogen, Nitrite	mg/L	<0.012	U	<0.012	U	<0.010							
pH	pH Units	7.54		7.16		7.3							
Potassium	mg/L	170	D, B	150	D	142							
Selenium	mg/L	0.026		0.14		<0.0025	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	0.0027							
Sodium	mg/L	3,800	D	3,700	D	3,720							
Sulfate as SO4	mg/L	6.0		7.8		6.6							
Thallium	mg/L	0.00030	J	<0.0010	U	<0.00050	D3						
Total Dissolved Solids	mg/L	6,700	D	7,200	D	10,900							
Turbidity	NTU	120	D	210	D	106							
Vanadium	mg/L	<0.0050	U	<0.0050	U	<0.00050							
Zinc	mg/L	0.0056		0.0084		<0.025	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP10 - PZM008											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/20/2011		8/16/2011		3/19/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	2,300	D	2,000		1,700							
Ammonia (N)	mg/L	42	D	11	D	42							
Antimony	mg/L	0.00081	J	0.00062	J	<0.010							
Arsenic	mg/L	0.0026		0.0019	J	<0.010							
Barium	mg/L	1.1	D	1.0		0.88							
Beryllium	mg/L	<0.0010	U	0.00042	J	<0.010	D3						
Cadmium	mg/L	<0.00050	U	<0.00050	U	<0.020	D3						
Calcium	mg/L	810	D	790	D	750							
Chloride	mg/L	560	D	510	D	775							
Chromium	mg/L	0.0068		0.0095		<0.050							
Cobalt	mg/L	0.0010	J	0.0016	J	<0.050	D3						
COD, Total	mg/L	110		6.0	J	155							
Conductivity	umhos/cm	760		700		12200							
Copper	mg/L	0.0077		0.0025		<0.050							
Hardness (as CaCO3)	mg/L	2,000		2,000		1,890							
Iron	mg/L	0.57	B	<0.25	U, D	0.43							
Lead	mg/L	0.0025	B	0.0013		<0.010							
Magnesium	mg/L	0.19		0.26	J, D	0.089							
Manganese	mg/L	0.026		0.00078	J	<0.050							
Mercury	mg/L	0.00021		<0.00020	U	0.0003							
Nickel	mg/L	0.036		0.051		<0.055							
Nitrogen, Nitrate	mg/L	<0.12		<0.050		<0.060							
Nitrogen, Nitrate-Nitrite	mg/L	1.3		0.57									
Nitrogen, Nitrite	mg/L	2.8	D	0.93		2.5							
pH	pH Units	9.41		9.30		12.6							
Potassium	mg/L	220	D, B	81	D	202							
Selenium	mg/L	<0.0050	U	0.0084		<0.18	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.050	D3						
Sodium	mg/L	370	D	270	D	336							
Sulfate as SO4	mg/L	36		28	B	67.6							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.010	D3						
Total Dissolved Solids	mg/L	1,500	D, B	2,300	D	2,960							
Turbidity	NTU	1.9		0.24		1.6							
Vanadium	mg/L	<0.0050	U	<0.0050	U	<0.050	D3						
Zinc	mg/L	0.044		0.0012	J	<0.050	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP11 - PZM010											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/11/2011		8/16/2011		3/18/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	2,000		1,800		1,800							
Ammonia (N)	mg/L	12	D	8.6	D	18.2							
Antimony	mg/L	0.00058	J	<0.0050	U	<0.0025	D3						
Arsenic	mg/L	<0.0020	U	0.0018	J	<0.0025	D3						
Barium	mg/L	0.94		1.0	D	0.94							
Beryllium	mg/L	<0.0010	U	0.00042	J	<0.0010	D3						
Cadmium	mg/L	<0.00050	U	<0.00050	U	<0.00040	D3						
Calcium	mg/L	830	D	780	D	676							
Chloride	mg/L	500	D	860	D	572							
Chromium	mg/L	0.0035		0.011		<0.0025	D3						
Cobalt	mg/L	0.00087	J	0.0022	J	<0.0025	D3						
COD, Total	mg/L	40		6.6	J	46.4							
Conductivity	umhos/cm	8,900		8.2		11,100							
Copper	mg/L	0.0034		0.0027		<0.0025	D3						
Hardness (as CaCO3)	mg/L	2,100		2,000		1,940							
Iron	mg/L	<0.0050	U	0.20	J, D	<0.25	D3						
Lead	mg/L	0.00084	J, B	0.0018		<0.00050	D3						
Magnesium	mg/L	0.024		0.17	J, D	0.13							
Manganese	mg/L	0.0015		0.00094	J	<0.0025	D3						
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.031		0.052		0.0086							
Nitrogen, Nitrate	mg/L	<0.050		0.21		<0.060							
Nitrogen, Nitrate-Nitrite	mg/L	0.12		1.5									
Nitrogen, Nitrite	mg/L	0.54		1.3	D	0.43							
pH	pH Units	12.3		12.2		12.7							
Potassium	mg/L	92	D, B	80	D	78.2							
Selenium	mg/L	<0.0050	U	0.0093		<0.0025	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.0025	D3						
Sodium	mg/L	270	D	270	D	242							
Sulfate as SO4	mg/L	13		35	B	29.6							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.00050	D3						
Total Dissolved Solids	mg/L	4,400	D	3,500	D	2,600							
Turbidity	NTU	0.65		0.090	J	0.28							
Vanadium	mg/L	<0.0050	U	<0.0050	U	<0.00050	D3						
Zinc	mg/L	0.039		0.0017	J	0.025	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP12 - PZM012											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/12/2011		8/12/2011		3/19/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	270	D	280	D	128							
Ammonia (N)	mg/L	0.14		2.6		2.4							
Antimony	mg/L	0.00072	J	0.00056	J	<0.010	D3						
Arsenic	mg/L	0.0020		0.0067		<0.010	D3						
Barium	mg/L	0.063		0.075		0.092							
Beryllium	mg/L	<0.0010	U	0.00042	J	<0.010	D3						
Cadmium	mg/L	<0.00050	U	<0.00050	U	<0.020	D3						
Calcium	mg/L	390	D	290	D	484							
Chloride	mg/L	2,500	D	1,700	D	4,670							
Chromium	mg/L	0.0039		0.0026		<0.050							
Cobalt	mg/L	0.00031	J	0.00064	J	<0.050	D3						
COD, Total	mg/L	34		<10	U	201							
Conductivity	umhos/cm	6,900		9.4		12,700							
Copper	mg/L	0.014		0.0014		<0.050	D3						
Hardness (as CaCO3)	mg/L	980		720		1140							
Iron	mg/L	0.12	B	<0.25	U, D	<0.25	D3						
Lead	mg/L	0.00078	J, B	<0.0010	U	<0.010	D3						
Magnesium	mg/L	5.7		1.3	D	7							
Manganese	mg/L	0.029		0.0012		<0.050							
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.012		0.018		<0.055	D3						
Nitrogen, Nitrate	mg/L	<0.050		<0.050		0.062							
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U	0.51									
Nitrogen, Nitrite	mg/L	0.22		0.63		0.52							
pH	pH Units	11.8		7.83		11.4							
Potassium	mg/L	69	B	56	D	68.7							
Selenium	mg/L	0.0021	J	0.028		<0.18	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.050	D3						
Sodium	mg/L	970	D	990	D	2,010							
Sulfate as SO4	mg/L	120	D	250	D, B	463							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.010	D3						
Total Dissolved Solids	mg/L	3,900	D	3,300	D	5,960							
Turbidity	NTU	5.7		4.0		10.6							
Vanadium	mg/L	<0.0050	U	<0.0050	U	<0.050							
Zinc	mg/L	0.0034	J	0.0016	J	<0.050	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	Units	Well CP12 - PZM052											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/12/2011		8/12/2011		3/19/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	270	D	270	D	400							
Ammonia (N)	mg/L	0.44		16	M5, D	2.4							
Antimony	mg/L	0.00087	J	0.00051	J	<0.010	D3						
Arsenic	mg/L	0.017		0.026		<0.010							
Barium	mg/L	0.079		0.073		0.082							
Beryllium	mg/L	<0.0010	U	0.00044	J	<0.010	D3						
Cadmium	mg/L	<0.00050	U	<0.00050	U	<0.020	D3						
Calcium	mg/L	120	D	130	D	111							
Chloride	mg/L	4,700	D	4,200	D	4,820							
Chromium	mg/L	0.0080		0.0037		<0.050	D3						
Cobalt	mg/L	0.00061	J	0.00081	J	<0.050	D3						
COD, Total	mg/L	78		28		244							
Conductivity	umhos/cm	12,000		17		13,500							
Copper	mg/L	0.071		0.0025		<0.050	D3						
Hardness (as CaCO3)	mg/L	1,400		1,400		1,380							
Iron	mg/L	4.9	B	2.7	D	0.95							
Lead	mg/L	0.0032	B	0.0016		<0.010	D3						
Magnesium	mg/L	270	D	260	D	249							
Manganese	mg/L	0.69		0.75		0.6							
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.0051		0.0085		<0.055	D3						
Nitrogen, Nitrate	mg/L	<0.050		<0.050		<0.060							
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U	<0.050	U								
Nitrogen, Nitrite	mg/L	<0.012	U	<0.012	U	<0.010							
pH	pH Units	8.52		8.51		8.2							
Potassium	mg/L	93	D, B	88	D	77.3							
Selenium	mg/L	0.010		0.067		<0.18	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.050	D3						
Sodium	mg/L	2,200	D	2,300	D	2,250							
Sulfate as SO4	mg/L	360	D	300	D	306							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.010	D3						
Total Dissolved Solids	mg/L	6,300	D	6,700	D	7,080							
Turbidity	NTU	28		17		3.4							
Vanadium	mg/L	0.0033	J	<0.0050	U	<0.050							
Zinc	mg/L	0.017		0.0075		<0.050	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP14 - PZM009											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/19/2011		8/10/2011		3/18/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	2,000		2,400	D	1,700							
Ammonia (N)	mg/L	3.8		6.2	D	5.3							
Antimony	mg/L	0.00096	J	<0.0050	U	<0.0025	D3						
Arsenic	mg/L	<0.0020	U	<0.0020	U	<0.0025	D3						
Barium	mg/L	0.26		0.23		0.23							
Beryllium	mg/L	<0.0010	U	0.00042	J	<0.001	D3						
Cadmium	mg/L	<0.00050	U	0.00023	J	<0.00040	D3						
Calcium	mg/L	900	D	890	D	900							
Chloride	mg/L	74	D	91	D	98.2							
Chromium	mg/L	0.0036		0.0014	J	<0.0025	D3						
Cobalt	mg/L	0.00079	J	0.0019	J	<0.0025	D3						
COD, Total	mg/L	15		16		31.2							
Conductivity	umhos/cm	910		7.4		10,600							
Copper	mg/L	0.0021		0.0021		<0.0025	D3						
Hardness (as CaCO3)	mg/L	2,300		2,200		2,060							
Iron	mg/L	<0.0050	U	<0.25	U, D	<0.25	D3						
Lead	mg/L	0.00063	J, B	<0.0010	U	<0.00050	D3						
Magnesium	mg/L	0.11		<0.50	U, D	0.19							
Manganese	mg/L	0.015		0.0033		0.028							
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.027		0.058		0.0043							
Nitrogen, Nitrate	mg/L	<0.050		<0.050		<0.060							
Nitrogen, Nitrate-Nitrite	mg/L	0.095		0.069									
Nitrogen, Nitrite	mg/L	0.060		0.054		0.026							
pH	pH Units	12.7		7.35		12.7							
Potassium	mg/L	44	B	43	D	59.6							
Selenium	mg/L	<0.0050	U	0.0028	J	<0.0025	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.0025	D3						
Sodium	mg/L	72		95	D	92.4							
Sulfate as SO4	mg/L	100	D	98	D, B	156							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.00050	D3						
Total Dissolved Solids	mg/L	2,100	D	3,200	D	2,210							
Turbidity	NTU	0.64		0.43		0.24							
Vanadium	mg/L	<0.0050	U	<0.0050	U	0.0015							
Zinc	mg/L	0.0045	J	<0.0050	U	<0.025	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	Units	Well CP14 - PZM062											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/19/2011		8/16/2011		3/18/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	200	D	210	D	300							
Ammonia (N)	mg/L	31	D	30	D	49.6							
Antimony	mg/L	0.0013	J	<0.0050	U	<0.0025	D3						
Arsenic	mg/L	0.0048		0.011		<0.0025	D3						
Barium	mg/L	0.061		0.056		0.057							
Beryllium	mg/L	<0.0010	U	0.00043	J	<0.001	D3						
Cadmium	mg/L	0.00038	J	0.00038	J	<0.00040	D3						
Calcium	mg/L	38		39	D	39.1							
Chloride	mg/L	2,300	D	2,000	D	2,500							
Chromium	mg/L	0.0035		0.0022		<0.0025	D3						
Cobalt	mg/L	<0.0050	U	0.00037	J	<0.0025	D3						
COD, Total	mg/L	31		22		114							
Conductivity	umhos/cm	5,500		17		6,740							
Copper	mg/L	0.019		0.0012		<0.0025	D3						
Hardness (as CaCO3)	mg/L	450		450		485							
Iron	mg/L	0.79	B	0.42	D	<0.25	D3						
Lead	mg/L	0.00044	J, B	0.0023		<0.00050	D3						
Magnesium	mg/L	85		86	D	89.4							
Manganese	mg/L	0.28		0.34		<0.0025							
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.0030	J	0.0043	J	<0.0025	D3						
Nitrogen, Nitrate	mg/L	<0.050		<0.050		<0.060							
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U	<0.050	U								
Nitrogen, Nitrite	mg/L	0.040		0.0087	J	<0.010							
pH	pH Units	8.74		8.49		8.3							
Potassium	mg/L	74	B	61	D	55.4							
Selenium	mg/L	0.0097		0.039		<0.0025	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.0025	D3						
Sodium	mg/L	1,000	D	1,000	D	1,070							
Sulfate as SO4	mg/L	0.92	J	ce in original run, results report		7							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.00050	D3						
Total Dissolved Solids	mg/L	2,900	D	3,100	D	3,130							
Turbidity	NTU	2.5		7.2		2.9							
Vanadium	mg/L	<0.0050	U	<0.0050	U	0.0006	D3						
Zinc	mg/L	0.0035	J	0.0045	J	<0.025	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	Units	Well CP15 - PZM020											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/11/2011		8/10/2011		3/18/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	1,900		2,000	D	1,500							
Ammonia (N)	mg/L	19	D	25	D	39.9							
Antimony	mg/L	0.00068	J	0.00086	J	<0.0025	D3						
Arsenic	mg/L	0.0012	J	0.0027		0.0026							
Barium	mg/L	1.3	D	1.3	D	1.3							
Beryllium	mg/L	<0.0010	U	0.00043	J	<0.001	D3						
Cadmium	mg/L	<0.00050	U	0.00024	J	<0.00040	D3						
Calcium	mg/L	750	D	740	D	596							
Chloride	mg/L	1,600	D	420	D	1,240							
Chromium	mg/L	0.0037		0.014		0.0029							
Cobalt	mg/L	0.00093	J	0.0019	J	<0.0025	D3						
COD, Total	mg/L	<10	U	37		87.7							
Conductivity	umhos/cm	8,500		8,700		11,400							
Copper	mg/L	0.0060		0.0025		<0.0025	D3						
Hardness (as CaCO3)	mg/L	1,900		1,900		1,780							
Iron	mg/L	<0.0050	U	<0.25	U, D	<0.25	D3						
Lead	mg/L	0.0017	B	0.0010		0.0041							
Magnesium	mg/L	0.022		<0.50	U, D	0.038							
Manganese	mg/L	0.00086	J	0.0013		<0.0025	D3						
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.040		0.062		0.013							
Nitrogen, Nitrate	mg/L	<0.050		<0.050		<0.060							
Nitrogen, Nitrate-Nitrite	mg/L	0.19		0.34									
Nitrogen, Nitrite	mg/L	0.49		0.59		0.31							
pH	pH Units	12.5		12.1		12.8							
Potassium	mg/L	140	D, B	140	D	131							
Selenium	mg/L	<0.0050	U	0.010		<0.0025	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.0025	D3						
Sodium	mg/L	390	D	300	D	367							
Sulfate as SO4	mg/L	3.1		8.1		25.0							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.00050	D3						
Total Dissolved Solids	mg/L	2,800	D	2,600	D	2,710							
Turbidity	NTU	<0.10	U	0.080	J	0.19							
Vanadium	mg/L	<0.0050	U	<0.0050	U	<0.00050	D3						
Zinc	mg/L	0.038		<0.0050	U	<0.025	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	Units	Well CP15 - PZM042											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/11/2011		8/11/2011		3/18/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	88		940	D	700							
Ammonia (N)	mg/L	33	D	40	D	49.1							
Antimony	mg/L	0.0011	J	0.00068	J	<0.0025	D3						
Arsenic	mg/L	0.012		0.029		<0.0025	D3						
Barium	mg/L	0.25		0.23		0.23							
Beryllium	mg/L	<0.0010	U	0.00043	J	<0.0010							
Cadmium	mg/L	0.00033	J	0.00026	J	<0.00040	D3						
Calcium	mg/L	60		54	D	52.2							
Chloride	mg/L	6,500	D	5,800	D	8,440							
Chromium	mg/L	0.0033	B	0.0021		<0.0025	D3						
Cobalt	mg/L	0.00053	J	0.0010	J	<0.0025	D3						
COD, Total	mg/L	120		87		429							
Conductivity	umhos/cm	1,700		17		18,700							
Copper	mg/L	0.053		0.0021		<0.0025	D3						
Hardness (as CaCO3)	mg/L	1,700		1,600		1,600							
Iron	mg/L	1.6		1.2	D	1.7							
Lead	mg/L	0.00028	J	0.00024	J	<0.00050	D3						
Magnesium	mg/L	370	D	360	D	365							
Manganese	mg/L	0.29		0.32		0.28							
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.0045	J	0.0060		<0.0025	D3						
Nitrogen, Nitrate	mg/L	<0.050		<0.050		0.1							
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U	<0.050	U								
Nitrogen, Nitrite	mg/L	<0.012	U	<0.012	U	<0.010							
pH	pH Units	8.45		8.21		8.2							
Potassium	mg/L	130	D, B	120	D	108							
Selenium	mg/L	0.034		0.11		<0.0025	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.0025	D3						
Sodium	mg/L	3200	D	3300	D	3430							
Sulfate as SO4	mg/L	1.4				4.3							
Thallium	mg/L	0.00074	J	<0.0010	U	<0.00050	D3						
Total Dissolved Solids	mg/L	7,100	D	6,500	D	9,910							
Turbidity	NTU	18		19		6.5							
Vanadium	mg/L	<0.0050	U	<0.0050	U	0.0016							
Zinc	mg/L	0.0076		0.0029	J	<0.025	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Coke Point Landfill
Inorganics - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	Units	Well CP16 - PZM035											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/19/2011		8/12/2011		3/19/2013							
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	2,200	D	2,200		1,800							
Ammonia (N)	mg/L	13	D	22	M5, D	21.8							
Antimony	mg/L	<0.0050	U	<0.0050	U	<0.010	D3						
Arsenic	mg/L	<0.0020	U	<0.0020	U	<0.010	D3						
Barium	mg/L	0.73		0.74		0.76							
Beryllium	mg/L	<0.0010	U	0.00042	J	<0.010	D3						
Cadmium	mg/L	<0.00050	U	<0.00050	U	<0.020	D3						
Calcium	mg/L	980	D	960	D	792							
Chloride	mg/L	410	D	350	D	557							
Chromium	mg/L	0.0024	B	0.0012	J	<0.050	D3						
Cobalt	mg/L	0.00088	J	0.0026	J	<0.050	D3						
COD, Total	mg/L	65		63		89.9							
Conductivity	umhos/cm	930		11		11,500							
Copper	mg/L	0.0025		0.0021		<0.050	D3						
Hardness (as CaCO3)	mg/L	2,400		2,400		2,310							
Iron	mg/L	<0.0050	U	<0.25	U, D	<0.25	D3						
Lead	mg/L	0.00024	J	0.0019		<0.010	D3						
Magnesium	mg/L	0.067		<0.50	U, D	0.12							
Manganese	mg/L	0.0084		0.0018		<0.050	D3						
Mercury	mg/L	<0.00020	U	<0.00020	U	<0.00020							
Nickel	mg/L	0.042		0.085		<0.055							
Nitrogen, Nitrate	mg/L	<0.050		<0.050		<0.060							
Nitrogen, Nitrate-Nitrite	mg/L	<0.050	U	<0.050	U								
Nitrogen, Nitrite	mg/L	<0.012	U	<0.012	U	<0.010							
pH	pH Units	13.2		12.3		12.6							
Potassium	mg/L	77	B	68	D	60.2							
Selenium	mg/L	<0.0050	U	0.0058		<0.18	D3						
Silver	mg/L	<0.0010	U	<0.0010	U	<0.050	D3						
Sodium	mg/L	170	D	170	D	141							
Sulfate as SO4	mg/L	<1.0	U			36.5							
Thallium	mg/L	<0.0010	U	<0.0010	U	<0.010	D3						
Total Dissolved Solids	mg/L	2,200	D	2,300	D	2,560							
Turbidity	NTU	0.61		0.62		0.19							
Vanadium	mg/L	<0.0050	U	<0.0050	U	<0.050	D3						
Zinc	mg/L	0.025		<0.0050	U	<0.050	D3						

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

APPENDIX C

Dimethylphthalate	8270	<5.0	U	<5.0	U									
Di-n-butylphthalate	8270	<5.0	U	<5.0	U									
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U									
Fluoranthene	8270	<5.0	U	<5.0	U									
Fluorene	8270	<5.0	U	<5.0	U									
Hexachlorobenzene	8270	<5.0	U	<5.0	U									
Hexachlorobutadiene	8270	<5.0	U	<5.0	U									
Hexachlorocyclopentadiene	8270	<10	U	<10	U									
Hexachloroethane	8270	<5.0	U	<5.0	U									
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U									
Isophorone	8270	<5.0	U	<5.0	U									
Naphthalene	8270	<5.0	U	<5.0	U									
Nitrobenzene	8270	<5.0	U	<5.0	U									
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U									
Pentachloroethane	8270	<5.0	U	<5.0	U									
Pentachlorophenol	8270	<10	U	<10	U									
Phenanthrene	8270	<5.0	U	<5.0	U									
Phenol	8270	<5.0	U	<5.0	U									
Pyrene	8270	<5.0	U	<5.0	U									
Pyridine	8270	<5.0	U	<5.0	U									

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<5.0	U	<5.0	U								
Di-n-butylphthalate	8270	<5.0	U	<5.0	U								
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U								
Fluoranthene	8270	<5.0	U	<5.0	U								
Fluorene	8270	<5.0	U	<5.0	U								
Hexachlorobenzene	8270	<5.0	U	<5.0	U								
Hexachlorobutadiene	8270	<5.0	U	<5.0	U								
Hexachlorocyclopentadiene	8270	<10	U	<10	U								
Hexachloroethane	8270	<5.0	U	<5.0	U								
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U								
Isophorone	8270	<5.0	U	<5.0	U								
Naphthalene	8270	<5.0	U	<5.0	U								
Nitrobenzene	8270	<5.0	U	<5.0	U								
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U								
Pentachloroethane	8270	<5.0	U	<5.0	U								
Pentachlorophenol	8270	<10	U	<10	U								
Phenanthrene	8270	<5.0	U	<5.0	U								
Phenol	8270	<5.0	U	<5.0	U								
Pyrene	8270	<5.0	U	<5.0	U								
Pyridine	8270	<5.0	U	<5.0	U								

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Semi Volatile Organic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP05 - PZM008											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/12/2011		8/11/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
1,2-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
1,3-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
1,4-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
2,4,5-Trichlorophenol	8270	<5.0	U	<5.0	U	<2.7							
2,4,6-Trichlorophenol	8270	<5.0	U	<5.0	U	<1.1							
2,4-Dichlorophenol	8270	<5.0	U	<5.0	U	<1.1							
2,4-Dimethylphenol	8270	4.8	J	6.1		2.4							
2,4-Dinitrophenol	8270	<10	U	<10	U	<2.7							
2,4-Dinitrotoluene	8270	<5.0	U	<5.0	U	<1.1							
2,6-Dinitrotoluene	8270	<5.0	U	<5.0	U	<1.1							
2-Chloronaphthalene	8270	<5.0	U	<5.0	U	<1.1							
2-Chlorophenol	8270	<5.0	U	<5.0	U	<1.1							
2-Methylnaphthalene	8270	<5.0	U	3.5	J	1.4							
2-Methylphenol	8270	<5.0	U	<5.0	U	<1.1							
2-Nitrophenol	8270	<5.0	U	<5.0	U	<1.1							
3,3'-Dichlorobenzidine	8270	<5.0	U	<5.0	U	<1.1							
4,6-Dinitro-2-methylphenol	8270	<5.0	U	<5.0	U	<2.7							
4-Bromophenyl-phenylether	8270	<5.0	U	<5.0	U	<1.1							
4-Chloro-3-methylphenol	8270	<5.0	U	<5.0	U	<1.1							
4-Chlorophenyl-phenylether	8270	<5.0	U	<5.0	U	<1.1							
4-Methylphenol, 3-Methylphenol	8270	6.4		12		3.4							
4-Nitrophenol	8270	<10	U	<10	U	<1.1							
Acenaphthene	8270	3.7	J	3.7	J	2.3							
Acenaphthylene	8270	<5.0	U	<5.0	U	<1.1							
Aniline	8270	<5.0	U	<5.0	U								
Anthracene	8270	<5.0	U	<5.0	U	<1.1							
Benz(a)anthracene	8270	<5.0	U	<5.0	U	<1.1							
Benzo(a)pyrene	8270	<5.0	U	<5.0	U	<1.1							
Benzo(b)fluoranthene	8270	<5.0	U	<5.0	U	<1.1							
Benzo(g,h,i)perylene	8270	<5.0	U	<5.0	U	<1.1							
Benzo(k)fluoranthene	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-Chloroethoxy)methane	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-Chloroethyl)ether	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-chloroisopropyl)ether	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-Ethylhexyl)phthalate	8270	<5.0	U	<5.0	U	<1.1							
Butylbenzylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Chrysene	8270	<5.0	U	<5.0	U	<1.1							
Dibenz[a,h]anthracene	8270	<5.0	U	<5.0	U	<1.1							
Dibenzofuran	8270	<5.0	U	<5.0	U	<1.1							
Diethylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Dimethylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Di-n-butylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U	<1.1							
Fluoranthene	8270	<5.0	U	<5.0	U	<1.1							
Fluorene	8270	<5.0	U	<5.0	U	<1.1							
Hexachlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
Hexachlorobutadiene	8270	<5.0	U	<5.0	U	<1.1							
Hexachlorocyclopentadiene	8270	<10	U	<10	U	<1.1							
Hexachloroethane	8270	<5.0	U	<5.0	U	<1.1							
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U	<1.1							
Isophorone	8270	<5.0	U	<5.0	U	<1.1							
Naphthalene	8270	20		69		13.8							
Nitrobenzene	8270	<5.0	U	<5.0	U	<1.1							
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U	<1.1							
Pentachloroethane	8270	<5.0	U	<5.0	U								
Pentachlorophenol	8270	<10	U	<10	U	<2.7							
Phenanthrene	8270	<5.0	U	<5.0	U	<1.1							
Phenol	8270	8.1		20		4.3							
Pyrene	8270	<5.0	U	<5.0	U	<1.1							
Pyridine	8270	<5.0	U	<5.0	U								

Table Notes:
 ND - Not Detected
 Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<5.0	U	<5.0	U								
Di-n-butylphthalate	8270	<5.0	U	<5.0	U								
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U								
Fluoranthene	8270	<5.0	U	<5.0	U								
Fluorene	8270	<5.0	U	<5.0	U								
Hexachlorobenzene	8270	<5.0	U	<5.0	U								
Hexachlorobutadiene	8270	<5.0	U	<5.0	U								
Hexachlorocyclopentadiene	8270	<10	U	<10	U								
Hexachloroethane	8270	<5.0	U	<5.0	U								
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U								
Isophorone	8270	<5.0	U	<5.0	U								
Naphthalene	8270	81		12									
Nitrobenzene	8270	<5.0	U	<5.0	U								
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U								
Pentachloroethane	8270	<5.0	U	<5.0	U								
Pentachlorophenol	8270	<10	U	<10	U								
Phenanthrene	8270	3.4	J	<5.0	U								
Phenol	8270	30		3.3	J								
Pyrene	8270	<5.0	U	<5.0	U								
Pyridine	8270	<5.0	U	<5.0	U								

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<25	U, D																
Di-n-butylphthalate	8270	<25	U, D																
Di-n-octylphthalate	8270	<25	V6, U, D																
Fluoranthene	8270	<25	U, D																
Fluorene	8270	<25	U, D																
Hexachlorobenzene	8270	<25	U, D																
Hexachlorobutadiene	8270	<25	U, D																
Hexachlorocyclopentadiene	8270	<50	U, D																
Hexachloroethane	8270	<25	U, D																
Indeno[1,2,3-cd]pyrene	8270	<25	U, D																
Isophorone	8270	<25	U, D																
Naphthalene	8270	360	D																
Nitrobenzene	8270	<25	U, D																
N-Nitrosodimethylamine	8270	<25	U, D																
Pentachloroethane	8270	<25	U, D																
Pentachlorophenol	8270	<50	U, D																
Phenanthrene	8270	<25	U, D																
Phenol	8270	61	D																
Pyrene	8270	<25	U, D																
Pyridine	8270	<25	U, D																

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Semi Volatile Organic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP07 - PZM006											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/10/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
1,2-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
1,3-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
1,4-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
2,4,5-Trichlorophenol	8270	<5.0	U	<5.0	U	<2.7							
2,4,6-Trichlorophenol	8270	<5.0	U	<5.0	U	<1.1							
2,4-Dichlorophenol	8270	<5.0	U	<5.0	U	<1.1							
2,4-Dimethylphenol	8270	24		290	D	170							
2,4-Dinitrophenol	8270	<10	U	<10	U	<2.7							
2,4-Dinitrotoluene	8270	<5.0	U	<5.0	U	<1.1							
2,6-Dinitrotoluene	8270	<5.0	U	<5.0	U	<1.1							
2-Chloronaphthalene	8270	<5.0	U	<5.0	U	<1.1							
2-Chlorophenol	8270	<5.0	U	<5.0	U	<1.1							
2-Methylnaphthalene	8270	<5.0	U	<5.0	U	2.1							
2-Methylphenol	8270	<5.0	U	51		41.8							
2-Nitrophenol	8270	<5.0	U	<5.0	U	<1.1							
3,3'-Dichlorobenzidine	8270	<5.0	U	<5.0	U	<1.1							
4,6-Dinitro-2-methylphenol	8270	<5.0	U	<5.0	U	<2.7							
4-Bromophenyl-phenylether	8270	<5.0	U	<5.0	U	<1.1							
4-Chloro-3-methylphenol	8270	<5.0	U	<5.0	U	<1.1							
4-Chlorophenyl-phenylether	8270	<5.0	U	<5.0	U	<1.1							
4-Methylphenol, 3-Methylphenol	8270	<5.0	U	160	D	135							
4-Nitrophenol	8270	<10	U	<10	U	<1.1							
Acenaphthene	8270	<5.0	U	<5.0	U	<1.1							
Acenaphthylene	8270	<5.0	U	<5.0	U	<1.1							
Aniline	8270	<5.0	U	3.5	J								
Anthracene	8270	<5.0	U	<5.0	U	<1.1							
Benz(a)anthracene	8270	<5.0	U	<5.0	U	<1.1							
Benzo(a)pyrene	8270	<5.0	U	<5.0	U	<1.1							
Benzo(b)fluoranthene	8270	<5.0	U	<5.0	U	<1.1							
Benzo(g,h,i)perylene	8270	<5.0	U	<5.0	U	<1.1							
Benzo(k)fluoranthene	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-Chloroethoxy)methane	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-Chloroethyl)ether	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-chloroisopropyl)ether	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-Ethylhexyl)phthalate	8270	<5.0	U	<5.0	U	<1.1							
Butylbenzylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Chrysene	8270	<5.0	U	<5.0	U	<1.1							
Dibenz[a,h]anthracene	8270	<5.0	U	<5.0	U	<1.1							
Dibenzofuran	8270	<5.0	U	<5.0	U	<1.1							
Diethylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Dimethylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Di-n-butylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U	<1.1							
Fluoranthene	8270	<5.0	U	<5.0	U	<1.1							
Fluorene	8270	<5.0	U	<5.0	U	<1.1							
Hexachlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
Hexachlorobutadiene	8270	<5.0	U	<5.0	U	<1.1							
Hexachlorocyclopentadiene	8270	<10	U	<10	U	<1.1							
Hexachloroethane	8270	<5.0	U	<5.0	U	<1.1							
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U	<1.1							
Isophorone	8270	<5.0	U	<5.0	U	<1.1							
Naphthalene	8270	<5.0	U	52		64.8							
Nitrobenzene	8270	<5.0	U	<5.0	U	<1.1							
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U	<1.1							
Pentachloroethane	8270	<5.0	U	<5.0	U								
Pentachlorophenol	8270	<10	U	<10	U	<2.7							
Phenanthrene	8270	<5.0	U	<5.0	U	<1.1							
Phenol	8270	<5.0	U	4.8	J	<1.1							
Pyrene	8270	<5.0	U	<5.0	U	<1.1							
Pyridine	8270	<5.0	U	<5.0	U								

Table Notes:
 ND - Not Detected
 Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Semi Volatile Organic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP08 - PZM008											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/9/2011		8/10/2011		3/19/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
1,2-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
1,3-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
1,4-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
2,4,5-Trichlorophenol	8270	<5.0	U	<5.0	U	<2.9							
2,4,6-Trichlorophenol	8270	<5.0	U	<5.0	U	<1.1							
2,4-Dichlorophenol	8270	<5.0	U	<5.0	U	<1.1							
2,4-Dimethylphenol	8270	30		16		16.7							
2,4-Dinitrophenol	8270	<10	U	<10	U	<2.9							
2,4-Dinitrotoluene	8270	<5.0	U	<5.0	U	<1.1							
2,6-Dinitrotoluene	8270	<5.0	U	<5.0	U	<1.1							
2-Chloronaphthalene	8270	<5.0	U	<5.0	U	<1.1							
2-Chlorophenol	8270	<5.0	U	<5.0	U	<1.1							
2-Methylnaphthalene	8270	19		7.1		7.1							
2-Methylphenol	8270	21		10		9.1							
2-Nitrophenol	8270	<5.0	U	<5.0	U	<1.1							
3,3'-Dichlorobenzidine	8270	<5.0	U	<5.0	U	<1.1							
4,6-Dinitro-2-methylphenol	8270	<5.0	U	<5.0	U	<2.9							
4-Bromophenyl-phenylether	8270	<5.0	U	<5.0	U	<1.1							
4-Chloro-3-methylphenol	8270	<5.0	U	<5.0	U	<1.1							
4-Chlorophenyl-phenylether	8270	<5.0	U	<5.0	U	<1.1							
4-Methylphenol, 3-Methylphenol	8270	20		10		9.8							
4-Nitrophenol	8270	<10	U	<10	U	<1.1							
Acenaphthene	8270	<5.0	U	<5.0	U	1.3							
Acenaphthylene	8270	6.2		<5.0	U	1.7							
Aniline	8270	8.1		6.3									
Anthracene	8270	4.3	J	<5.0	U	1.5							
Benz(a)anthracene	8270	<5.0	U	<5.0	U	<1.1							
Benzo[a]pyrene	8270	<5.0	U	<5.0	U	<1.1							
Benzo[b]fluoranthene	8270	<5.0	U	<5.0	U	<1.1							
Benzo[g,h,i]perylene	8270	<5.0	U	<5.0	U	<1.1							
Benzo[k]fluoranthene	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-Chloroethoxy)methane	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-Chloroethyl)ether	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-chloroisopropyl)ether	8270	<5.0	U	<5.0	U	<1.1							
Bis(2-Ethylhexyl)phthalate	8270	<5.0	U	<5.0	U	<1.1							
Butylbenzylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Chrysene	8270	<5.0	U	<5.0	U	<1.1							
Dibenz[a,h]anthracene	8270	<5.0	U	<5.0	U	<1.1							
Dibenzofuran	8270	8.3		3.3	J	2.2							
Diethylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Dimethylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Di-n-butylphthalate	8270	<5.0	U	<5.0	U	<1.1							
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U	<1.1							
Fluoranthene	8270	5.3		<5.0	U	2.3							
Fluorene	8270	10		4.2	J	3.6							
Hexachlorobenzene	8270	<5.0	U	<5.0	U	<1.1							
Hexachlorobutadiene	8270	<5.0	U	<5.0	U	<1.1							
Hexachlorocyclopentadiene	8270	<10	U	<10	U	<1.1							
Hexachloroethane	8270	<5.0	U	<5.0	U	<1.1							
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U	<1.1							
Isophorone	8270	<5.0	U	<5.0	U	<1.1							
Naphthalene	8270	450	D	190	D	273							
Nitrobenzene	8270	<5.0	U	<5.0	U	<1.1							
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U	<1.1							
Pentachloroethane	8270	<5.0	U	<5.0	U								
Pentachlorophenol	8270	<10	U	<10	U	<2.9							
Phenanthrene	8270	21		8.4		7.5							
Phenol	8270	13		4.2	J	6.1							
Pyrene	8270	4.0	J	<5.0	U	1.5							
Pyridine	8270	200	D	91	D								

Table Notes:
 ND - Not Detected
 Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<5.0	U	<5.0	U									
Di-n-butylphthalate	8270	<5.0	U	<5.0	U									
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U									
Fluoranthene	8270	<5.0	U	<5.0	U									
Fluorene	8270	<5.0	U	<5.0	U									
Hexachlorobenzene	8270	<5.0	U	<5.0	U									
Hexachlorobutadiene	8270	<5.0	U	<5.0	U									
Hexachlorocyclopentadiene	8270	<10	U	<10	U									
Hexachloroethane	8270	<5.0	U	<5.0	U									
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U									
Isophorone	8270	<5.0	U	<5.0	U									
Naphthalene	8270	<5.0	U	<5.0	U									
Nitrobenzene	8270	<5.0	U	<5.0	U									
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U									
Pentachloroethane	8270	<5.0	U	<5.0	U									
Pentachlorophenol	8270	<10	U	<10	U									
Phenanthrene	8270	<5.0	U	<5.0	U									
Phenol	8270	<5.0	U	<5.0	U									
Pyrene	8270	<5.0	U	<5.0	U									
Pyridine	8270	<5.0	U	<5.0	U									

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<5.0	U	<5.0	U									
Di-n-butylphthalate	8270	<5.0	U	<5.0	U									
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U									
Fluoranthene	8270	<5.0	U	<5.0	U									
Fluorene	8270	<5.0	U	<5.0	U									
Hexachlorobenzene	8270	<5.0	U	<5.0	U									
Hexachlorobutadiene	8270	<5.0	U	<5.0	U									
Hexachlorocyclopentadiene	8270	<10	U	<10	U									
Hexachloroethane	8270	<5.0	U	<5.0	U									
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U									
Isophorone	8270	<5.0	U	<5.0	U									
Naphthalene	8270	9.2		<5.0	U									
Nitrobenzene	8270	<5.0	U	<5.0	U									
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U									
Pentachloroethane	8270	<5.0	U	<5.0	U									
Pentachlorophenol	8270	<10	U	<10	U									
Phenanthrene	8270	3.2	J	<5.0	U									
Phenol	8270	3.1	J	<5.0	U									
Pyrene	8270	<5.0	U	<5.0	U									
Pyridine	8270	<5.0	U	<5.0	U									

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<5.0	U	<5.0	U								
Di-n-butylphthalate	8270	<5.0	U	<5.0	U								
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U								
Fluoranthene	8270	<5.0	U	<5.0	U								
Fluorene	8270	3.5	J	<5.0	U								
Hexachlorobenzene	8270	<5.0	U	<5.0	U								
Hexachlorobutadiene	8270	<5.0	U	<5.0	U								
Hexachlorocyclopentadiene	8270	<10	U	<10	U								
Hexachloroethane	8270	<5.0	U	<5.0	U								
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U								
Isophorone	8270	<5.0	U	<5.0	U								
Naphthalene	8270	<5.0	U	<5.0	U								
Nitrobenzene	8270	<5.0	U	<5.0	U								
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U								
Pentachloroethane	8270	<5.0	U	<5.0	U								
Pentachlorophenol	8270	<10	U	<10	U								
Phenanthrene	8270	12		5.5									
Phenol	8270	<5.0	U	<5.0	U								
Pyrene	8270	<5.0	U	<5.0	U								
Pyridine	8270	<5.0	U	<5.0	U								

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	6.0		<5.0	U									
Di-n-butylphthalate	8270	<5.0	U	<5.0	U									
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U									
Fluoranthene	8270	4.6	J	<5.0	U									
Fluorene	8270	7.4		<5.0	U									
Hexachlorobenzene	8270	<5.0	U	<5.0	U									
Hexachlorobutadiene	8270	<5.0	U	<5.0	U									
Hexachlorocyclopentadiene	8270	<10	U	<10	U									
Hexachloroethane	8270	<5.0	U	<5.0	U									
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U									
Isophorone	8270	<5.0	U	<5.0	U									
Naphthalene	8270	220	D	59										
Nitrobenzene	8270	<5.0	U	<5.0	U									
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U									
Pentachloroethane	8270	<5.0	U	<5.0	U									
Pentachlorophenol	8270	<10	U	<10	U									
Phenanthrene	8270	21		8.2										
Phenol	8270	390	D	14										
Pyrene	8270	3.4	J	<5.0	U									
Pyridine	8270	3.5	J	3.0	J									

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<5.0	U	<5.0	U									
Di-n-butylphthalate	8270	<5.0	U	<5.0	U									
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U									
Fluoranthene	8270	<5.0	U	3.2	J									
Fluorene	8270	<5.0	U	<5.0	U									
Hexachlorobenzene	8270	<5.0	U	<5.0	U									
Hexachlorobutadiene	8270	<5.0	U	<5.0	U									
Hexachlorocyclopentadiene	8270	<10	U	<10	U									
Hexachloroethane	8270	<5.0	U	<5.0	U									
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U									
Isophorone	8270	<5.0	U	<5.0	U									
Naphthalene	8270	47		13										
Nitrobenzene	8270	<5.0	U	<5.0	U									
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U									
Pentachloroethane	8270	<5.0	U	<5.0	U									
Pentachlorophenol	8270	<10	U	<10	U									
Phenanthrene	8270	6.1		8.6										
Phenol	8270	18		3.6	J									
Pyrene	8270	<5.0	U	2.6	J									
Pyridine	8270	3.4	J	<5.0	U									

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<5.0	U	<5.0	U								
Di-n-butylphthalate	8270	<5.0	U	<5.0	U								
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U								
Fluoranthene	8270	<5.0	U	<5.0	U								
Fluorene	8270	<5.0	U	<5.0	U								
Hexachlorobenzene	8270	<5.0	U	<5.0	U								
Hexachlorobutadiene	8270	<5.0	U	<5.0	U								
Hexachlorocyclopentadiene	8270	<10	U	<10	U								
Hexachloroethane	8270	<5.0	U	<5.0	U								
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U								
Isophorone	8270	<5.0	U	<5.0	U								
Naphthalene	8270	12		15									
Nitrobenzene	8270	<5.0	U	<5.0	U								
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U								
Pentachloroethane	8270	<5.0	U	<5.0	U								
Pentachlorophenol	8270	<10	U	<10	U								
Phenanthrene	8270	<5.0	U	<5.0	U								
Phenol	8270	<5.0	U	3.7	J								
Pyrene	8270	<5.0	U	<5.0	U								
Pyridine	8270	<5.0	U	<5.0	U								

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<5.0	U	<5.0	U									
Di-n-butylphthalate	8270	<5.0	U	<5.0	U									
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U									
Fluoranthene	8270	<5.0	U	<5.0	U									
Fluorene	8270	<5.0	U	<5.0	U									
Hexachlorobenzene	8270	<5.0	U	<5.0	U									
Hexachlorobutadiene	8270	<5.0	U	<5.0	U									
Hexachlorocyclopentadiene	8270	<10	U	<10	U									
Hexachloroethane	8270	<5.0	U	<5.0	U									
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U									
Isophorone	8270	<5.0	U	<5.0	U									
Naphthalene	8270	<5.0	U	<5.0	U									
Nitrobenzene	8270	<5.0	U	<5.0	U									
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U									
Pentachloroethane	8270	<5.0	U	<5.0	U									
Pentachlorophenol	8270	<10	U	<10	U									
Phenanthrene	8270	<5.0	U	<5.0	U									
Phenol	8270	<5.0	U	<5.0	U									
Pyrene	8270	<5.0	U	<5.0	U									
Pyridine	8270	<5.0	U	<5.0	U									

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<5.3	U, D	<5.0	U								
Di-n-butylphthalate	8270	<5.3	U, D	<5.0	U								
Di-n-octylphthalate	8270	<5.3	V6, U, D	<5.0	U								
Fluoranthene	8270	<5.3	U, D	<5.0	U								
Fluorene	8270	<5.3	U, D	<5.0	U								
Hexachlorobenzene	8270	<5.3	U, D	<5.0	U								
Hexachlorobutadiene	8270	<5.3	U, D	<5.0	U								
Hexachlorocyclopentadiene	8270	<11	U, D	<10	U								
Hexachloroethane	8270	<5.3	U, D	<5.0	U								
Indeno[1,2,3-cd]pyrene	8270	<5.3	U, D	<5.0	U								
Isophorone	8270	<5.3	U, D	<5.0	U								
Naphthalene	8270	21	D	17									
Nitrobenzene	8270	<5.3	U, D	<5.0	U								
N-Nitrosodimethylamine	8270	<5.3	U, D	<5.0	U								
Pentachloroethane	8270	<5.3	U, D	<5.0	U								
Pentachlorophenol	8270	<11	U, D	<10	U								
Phenanthrene	8270	<5.3	U, D	<5.0	U								
Phenol	8270	13	D	3.6	J								
Pyrene	8270	<5.3	U, D	<5.0	U								
Pyridine	8270	<5.3	U, D	4.0	J								

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<5.3	U, D	<5.0	U									
Di-n-butylphthalate	8270	<5.3	U, D	<5.0	U									
Di-n-octylphthalate	8270	<5.3	V6, U, D	<5.0	U									
Fluoranthene	8270	<5.3	U, D	<5.0	U									
Fluorene	8270	<5.3	U, D	<5.0	U									
Hexachlorobenzene	8270	<5.3	U, D	<5.0	U									
Hexachlorobutadiene	8270	<5.3	U, D	<5.0	U									
Hexachlorocyclopentadiene	8270	<11	U, D	<10	U									
Hexachloroethane	8270	<5.3	U, D	<5.0	U									
Indeno[1,2,3-cd]pyrene	8270	<5.3	U, D	<5.0	U									
Isophorone	8270	<5.3	U, D	<5.0	U									
Naphthalene	8270	<5.3	U, D	<5.0	U									
Nitrobenzene	8270	<5.3	U, D	<5.0	U									
N-Nitrosodimethylamine	8270	<5.3	U, D	<5.0	U									
Pentachloroethane	8270	<5.3	U, D	<5.0	U									
Pentachlorophenol	8270	<11	U, D	<10	U									
Phenanthrene	8270	<5.3	U, D	<5.0	U									
Phenol	8270	<5.3	U, D	<5.0	U									
Pyrene	8270	<5.3	U, D	<5.0	U									
Pyridine	8270	<5.3	U, D	<5.0	U									

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Semi Volatile Organic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP15 - PZM020											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/11/2011		8/10/2011		3/18/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<5.0	U	<5.0	U	<1.0							
1,2-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.0							
1,3-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.0							
1,4-Dichlorobenzene	8270	<5.0	U	<5.0	U	<1.0							
2,4,5-Trichlorophenol	8270	<5.0	U	<5.0	U	<2.6							
2,4,6-Trichlorophenol	8270	<5.0	U	<5.0	U	<1.0							
2,4-Dichlorophenol	8270	<5.0	U	<5.0	U	<1.0							
2,4-Dimethylphenol	8270	33		18		15.0							
2,4-Dinitrophenol	8270	<10	U	<10	U	<2.6							
2,4-Dinitrotoluene	8270	<5.0	U	<5.0	U	<1.0							
2,6-Dinitrotoluene	8270	<5.0	U	<5.0	U	<1.0							
2-Chloronaphthalene	8270	<5.0	U	<5.0	U	<1.0							
2-Chlorophenol	8270	<5.0	U	<5.0	U	<1.0							
2-Methylnaphthalene	8270	13		6.9		10.5							
2-Methylphenol	8270	22		12		14.1							
2-Nitrophenol	8270	<5.0	U	<5.0	U	<1.0							
3,3'-Dichlorobenzidine	8270	<5.0	U	<5.0	U	<1.0							
4,6-Dinitro-2-methylphenol	8270	<5.0	U	<5.0	U	<2.6							
4-Bromophenyl-phenylether	8270	<5.0	U	<5.0	U	<1.0							
4-Chloro-3-methylphenol	8270	<5.0	U	<5.0	U	<1.0							
4-Chlorophenyl-phenylether	8270	<5.0	U	<5.0	U	<1.0							
4-Methylphenol, 3-Methylphenol	8270	61		34		34.1							
4-Nitrophenol	8270	<10	U	<10	U	<1.0							
Acenaphthene	8270	6.1		3.1	J	4.1							
Acenaphthylene	8270	6.0		<5.0	U	4.2							
Aniline	8270	<5.0	U	<5.0	U								
Anthracene	8270	<5.0	U	<5.0	U	1.1							
Benz(a)anthracene	8270	<5.0	U	<5.0	U	<1.0							
Benzo(a)pyrene	8270	<5.0	U	<5.0	U	<1.0							
Benzo(b)fluoranthene	8270	<5.0	U	<5.0	U	<1.0							
Benzo(g,h,i)perylene	8270	<5.0	U	<5.0	U	<1.0							
Benzo(k)fluoranthene	8270	<5.0	U	<5.0	U	<1.0							
Bis(2-Chloroethoxy)methane	8270	<5.0	U	<5.0	U	<1.0							
Bis(2-Chloroethyl)ether	8270	<5.0	U	<5.0	U	<1.0							
Bis(2-chloroisopropyl)ether	8270	<5.0	U	<5.0	U	<1.0							
Bis(2-Ethylhexyl)phthalate	8270	<5.0	U	<5.0	U	<1.0							
Butylbenzylphthalate	8270	<5.0	U	<5.0	U	<1.0							
Chrysene	8270	<5.0	U	<5.0	U	<1.0							
Dibenz[a,h]anthracene	8270	<5.0	U	<5.0	U	<1.0							
Dibenzofuran	8270	3.6	J	<5.0	U	2.8							
Diethylphthalate	8270	<5.0	U	<5.0	U	<1.0							
Dimethylphthalate	8270	<5.0	U	<5.0	U	<1.0							
Di-n-butylphthalate	8270	<5.0	U	<5.0	U	<1.0							
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U	<1.0							
Fluoranthene	8270	<5.0	U	<5.0	U	<1.0							
Fluorene	8270	4.5	J	<5.0	U	3.7							
Hexachlorobenzene	8270	<5.0	U	<5.0	U	<1.0							
Hexachlorobutadiene	8270	<5.0	U	<5.0	U	<1.0							
Hexachlorocyclopentadiene	8270	<10	U	<10	U	<1.0							
Hexachloroethane	8270	<5.0	U	<5.0	U	<1.0							
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U	<1.0							
Isophorone	8270	<5.0	U	<5.0	U	<1.0							
Naphthalene	8270	180	D	90	D	117							
Nitrobenzene	8270	<5.0	U	<5.0	U	<1.0							
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U	<1.0							
Pentachloroethane	8270	<5.0	U	<5.0	U								
Pentachlorophenol	8270	<10	U	<10	U	<2.6							
Phenanthrene	8270	9.2		5.4		7.4							
Phenol	8270	110	D	46		30.4							
Pyrene	8270	<5.0	U	<5.0	U	<1.0							
Pyridine	8270	<5.0	U	<5.0	U								

Table Notes:
 ND - Not Detected
 Data qualifiers and units are listed on the first page of this appendix

Dimethylphthalate	8270	<5.0	U	<5.0	U								
Di-n-butylphthalate	8270	<5.0	U	<5.0	U								
Di-n-octylphthalate	8270	<5.0	V6, U	<5.0	U								
Fluoranthene	8270	<5.0	U	<5.0	U								
Fluorene	8270	<5.0	U	<5.0	U								
Hexachlorobenzene	8270	<5.0	U	<5.0	U								
Hexachlorobutadiene	8270	<5.0	U	<5.0	U								
Hexachlorocyclopentadiene	8270	<10	U	<10	U								
Hexachloroethane	8270	<5.0	U	<5.0	U								
Indeno[1,2,3-cd]pyrene	8270	<5.0	U	<5.0	U								
Isophorone	8270	<5.0	U	<5.0	U								
Naphthalene	8270	<5.0	U	<5.0	U								
Nitrobenzene	8270	<5.0	U	<5.0	U								
N-Nitrosodimethylamine	8270	<5.0	U	<5.0	U								
Pentachloroethane	8270	<5.0	U	<5.0	U								
Pentachlorophenol	8270	<10	U	<10	U								
Phenanthrene	8270	<5.0	U	<5.0	U								
Phenol	8270	<5.0	U	<5.0	U								
Pyrene	8270	<5.0	U	<5.0	U								
Pyridine	8270	<5.0	U	<5.0	U								

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Coke Point Landfill
Semi Volatile Organic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well CP16 - PZM035											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		4/19/2011		8/12/2011		3/19/2013							
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<5.3	U, D	<5.0	U	<1.1							
1,2-Dichlorobenzene	8270	<5.3	U, D	<5.0	U	<1.1							
1,3-Dichlorobenzene	8270	<5.3	U, D	<5.0	U	<1.1							
1,4-Dichlorobenzene	8270	<5.3	U, D	<5.0	U	<1.1							
2,4,5-Trichlorophenol	8270	<5.3	U, D	<5.0	U	<1.1							
2,4,6-Trichlorophenol	8270	<5.3	U, D	<5.0	U	<1.1							
2,4-Dichlorophenol	8270	<5.3	U, D	<5.0	U	<1.1							
2,4-Dimethylphenol	8270	9.1	D	8.4		6.1							
2,4-Dinitrophenol	8270	<11	U, D	<10	U	<2.7							
2,4-Dinitrotoluene	8270	<5.3	U, D	<5.0	U	<1.1							
2,6-Dinitrotoluene	8270	<5.3	U, D	<5.0	U	<1.1							
2-Chloronaphthalene	8270	<5.3	U, D	<5.0	U	<1.1							
2-Chlorophenol	8270	<5.3	U, D	<5.0	U	<1.1							
2-Methylnaphthalene	8270	<5.3	U, D	<5.0	U	<1.1							
2-Methylphenol	8270	7.1	D	5.2		3.4							
2-Nitrophenol	8270	<5.3	U, D	<5.0	U	<1.1							
3,3'-Dichlorobenzidine	8270	<5.3	U, D	<5.0	U	<1.1							
4,6-Dinitro-2-methylphenol	8270	<5.3	U, D	<5.0	U	<2.7							
4-Bromophenyl-phenylether	8270	<5.3	U, D	<5.0	U	<1.1							
4-Chloro-3-methylphenol	8270	<5.3	U, D	<5.0	U	<1.1							
4-Chlorophenyl-phenylether	8270	<5.3	U, D	<5.0	U	<1.1							
4-Methylphenol, 3-Methylphenol	8270	13	D	9.5		7.3							
4-Nitrophenol	8270	<11	U, D	<10	U	<1.1							
Acenaphthene	8270	5.3	D	4.7	J	3.2							
Acenaphthylene	8270	<5.3	U, D	<5.0	U	<1.1							
Aniline	8270	3.7	J, D	<5.0	U	<1.1							
Anthracene	8270	<5.3	U, D	<5.0	U	<1.1							
Benzo(a)anthracene	8270	<5.3	U, D	<5.0	U	<1.1							
Benzo(a)pyrene	8270	<5.3	U, D	<5.0	U	<1.1							
Benzo(b)fluoranthene	8270	<5.3	U, D	<5.0	U	<1.1							
Benzo(g,h,i)perylene	8270	<5.3	U, D	<5.0	U	<1.1							
Benzo(k)fluoranthene	8270	<5.3	U, D	<5.0	U	<1.1							
Bis(2-Chloroethoxy)methane	8270	<5.3	U, D	<5.0	U	<1.1							
Bis(2-Chloroethyl)ether	8270	<5.3	U, D	<5.0	U	<1.1							
Bis(2-chloroisopropyl)ether	8270	<5.3	U, D	<5.0	U	<1.1							
Bis(2-Ethylhexyl)phthalate	8270	<5.3	U, D	<5.0	U	<1.1							
Butylbenzylphthalate	8270	<5.3	U, D	<5.0	U	<1.1							
Chrysene	8270	<5.3	U, D	<5.0	U	<1.1							
Dibenz[a,h]anthracene	8270	<5.3	U, D	<5.0	U	<1.1							
Dibenzofuran	8270	<5.3	U, D	<5.0	U	<1.1							
Diethylphthalate	8270	<5.3	U, D	<5.0	U	<1.1							
Dimethylphthalate	8270	<5.3	U, D	<5.0	U	<1.1							
Di-n-butylphthalate	8270	<5.3	U, D	<5.0	U	<1.1							
Di-n-octylphthalate	8270	<5.3	V6, U, D	<5.0	U	<1.1							
Fluoranthene	8270	<5.3	U, D	<5.0	U	<1.1							
Fluorene	8270	<5.3	U, D	<5.0	U	1.5							
Hexachlorobenzene	8270	<5.3	U, D	<5.0	U	<1.1							
Hexachlorobutadiene	8270	<5.3	U, D	<5.0	U	<1.1							
Hexachlorocyclopentadiene	8270	<11	U, D	<10	U	<1.1							
Hexachloroethane	8270	<5.3	U, D	<5.0	U	<1.1							
Indeno[1,2,3-cd]pyrene	8270	<5.3	U, D	<5.0	U	<1.1							
Isophorone	8270	<5.3	U, D	<5.0	U	<1.1							
Naphthalene	8270	71	D	78	D	49.7							
Nitrobenzene	8270	<5.3	U, D	<5.0	U	<1.1							
N-Nitrosodimethylamine	8270	<5.3	U, D	<5.0	U	<1.1							
Pentachloroethane	8270	<5.3	U, D	<5.0	U	<1.1							
Pentachlorophenol	8270	<11	U, D	<10	U	<2.7							
Phenanthrene	8270	6.7	D	5.8		4							
Phenol	8270	85	D	57		40.6							
Pyrene	8270	<5.3	U, D	<5.0	U	<1.1							
Pyridine	8270	5.1	J, D	5.2									

Table Notes:
 ND - Not Detected
 Data qualifiers and units are listed on the first page of this appendix

APPENDIX D

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-02 (-29)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/2/2010		4/1/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	0.58	J	0.38	J	<1.0	U
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R2, U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	R2, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	V1, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-02 (-5)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/2/2010		4/1/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1-Dichloroethane	8260	12		11		25		22		23		11.1	
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R4, U	<1.0	
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Acetone	8260	<5.0	U	<5.0	U	13		<5.0	U	<25	U	5.2	
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	
Benzene	8260	2.0		<1.0	U	11		6.4		6.6		9.9	
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R1, U	<1.0	
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	L3, U	<1.0	
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R1, U	<1.0	
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	0.47	J	<1.0	
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
cis-1,2-Dichloroethylene (DCE)	8260	1.9		2.0		8.3		4.1		4.9		3.2	
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R1, U	<1.0	
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	
Ethylbenzene	8260	<1.0	U	<1.0	U	0.89	J	<1.0	U	<1.0	U	<1.0	
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	U	<1.0	
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	3.1	J	<5.0	U	<5.0	R4, U	<5.0	
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	0.41	J	0.77	J	1.0		<1.0	
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Toluene	8260	<1.0	U	<1.0	U	1.0		<1.0	U	<1.0	U	<1.0	
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	9.0		0.49	J	<1.0	
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	0.21	J	<1.0	
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R1, U	<1.0	
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Vinyl chloride	8260	<1.0	V6, U	<1.0	U	2.5		1.0		0.96	J	<1.0	

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-03 (-16)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/18/2010		6/3/2010		3/28/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R2, U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	14	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	70	U	46	U	13	U	24	U	28	U	11.8	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	R2, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	V1, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	8.2	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	7.3	U	4.9	U	3.6	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-03 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/17/2010		6/3/2010		3/28/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	2.2		4.3		0.60	J	2.4		0.81	J	1.3	
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	R2, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	1.7		<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	1.1		<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	5.0		<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-05 (-25)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/1/2010		4/4/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R2, U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	R2, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	V1, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-05 (-7)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/1/2010		4/1/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	0.86	J	<1.0	
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R2, U	<1.0	
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	R2, U	<1.0	
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	V1, U	<1.0	
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-08 (-36)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/25/2010		6/3/2010		3/23/2011			
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	
Benzene	8260	<1.0	U	2.1		<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Toluene	8260	<1.0	U	2.9		<1.0	U	<1.0	U	<1.0	U	<1.0	
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-08 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/25/2010		6/3/2010		3/23/2011		3/20/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,1-Dichloroethane	8260	1.6		1.8		<5.0	E3, U, D	<200	U, D	<50	U, D	1.7	
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<250	U, D	<1.0	
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Acetone	8260	<5.0	U	<5.0	U	<25	E3, U, D	<1000	U, D	<1200	U, D	13.1	
Acrylonitrile	8260	<5.0	U	<5.0	U	<25	E3, U, D	<1000	U, D	<250	U, D	<2.0	
Benzene	8260	160		140		220	E3, D	160	J, D	190	D	168	
Bromochloromethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Bromodichloromethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Bromoform	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Bromomethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<250	R2, U, D	<1.0	
Carbon disulfide	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Chlorobenzene	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Chloroethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Chloroform	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Chloromethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Dibromochloromethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Dibromomethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<100	U, D	<1.0	
Ethylbenzene	8260	4.6		3.6		5.8	E3, D	<200	U, D	<50	U, D	7.8	
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<250	U, D	<1.0	
Iodomethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<25	E3, U, D	<1000	U, D	<250	U, D	6.5	
Methyl Ethyl Ketone (2-Butanone)	8260	9.3		<5.0	U	<25	E3, U, D	<1000	U, D	<250	U, D	<5.0	
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<25	E3, U, D	<1000	U, D	<250	U, D	5.6	
Methylene Chloride	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<400	U, D	<250	U, D	<1.0	
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Styrene	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	3.7	
Toluene	8260	280	D			930	E3, D	390	D	600	D	386	
Total Xylenes	8260	91		67		138	E3, U, D	360	J, D	150	D	152	
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<250	U, D	<1.0	
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Vinyl acetate	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	
Vinyl chloride	8260	<1.0	U	<1.0	U	<5.0	E3, U, D	<200	U, D	<50	U, D	<1.0	

Table Notes:

ND - Not Detected

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Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-09 (-2)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/13/2009		10/26/2009		3/29/2010		6/9/2010		3/23/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R2, U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	110	U	440	U	19	U	82	U	140	U	121	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	1.2	U	1.1	U	<1.0	U	0.90	J	0.88	J	1.2	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	R2, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	1.8	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	V1, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	6.4	U
Methyl Ethyl Ketone (2-Butanone)	8260	17	U	68	U	3.2	J	8.3	U	20	U	19	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	5.9	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	2.7	U	2.8	U	<1.0	U	2.7	U	1.6	U	3.1	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	5.8	U	0.69	J	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-09 (-20)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/13/2009		10/26/2009		3/29/2010		6/9/2010		3/23/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	M3, U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	M3, U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V6, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	M10, V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	M3, U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V1, U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	M10, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-10 (-31)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/12/2009		3/23/2010		6/4/2010		3/22/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	M3, U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	M3, U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	7.5	U	4.5	U	1.6	U	0.50	J	0.81	J	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V6, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	M10, V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	M3, U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	2.0	J	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V1, U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	M10, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-10 (-1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/12/2009		3/23/2010		6/4/2010		3/22/2011		3/20/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	M3, U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	M3, U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V6, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	M10, V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	M3, U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V1, U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	M10, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-11 (-33)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/26/2009		3/25/2010		6/7/2010		3/23/2011		3/20/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	5.6	U	16	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	120	D	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V6, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	1.8	J	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V1, U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-11 (-1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/22/2009		3/29/2010		6/9/2010		3/23/2011		3/20/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	36		<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-12 (-17)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/25/2010		6/16/2010		3/21/2011		3/20/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V6, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V1, U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-12 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/25/2010		6/16/2010		3/21/2011		3/20/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V6, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V1, U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-13 (-26)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/23/2010		6/17/2010		3/22/2011		3/20/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-13 (+1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/25/2010		6/16/2010		3/22/2011		3/20/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-14 (-33)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/12/2009		3/23/2010		6/4/2010		3/22/2011		3/20/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	M3, U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	M3, U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	5.7		1.8		0.73	J	<1.0	U	2.7		7.2	
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V6, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	M10, V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	M3, U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	1.6	J	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V1, U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	M10, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-14 (+1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/23/2010		6/4/2010		3/22/2011		3/20/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	M3, U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	M3, U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V6, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	M10, V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	M3, U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	V1, U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V1, U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	M10, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-15 (-36)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/6/2009		10/26/2009		3/15/2010		6/1/2010		4/4/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	0.64	J	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R2, U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	17	U	<5.0	U	19	U	15	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	R2, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	7.8	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	3.2	J	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-15 (-6)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/6/2009		10/26/2009		3/15/2010		6/1/2010		4/4/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R2, U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	16	J	9	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Allyl Chloride (3-Chloropropylene)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	R2, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-16 (-32)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/16/2009		3/16/2010		6/2/2010		4/1/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<1.0	U	<1.0	
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<1.0	U	<1.0	
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<1.0	U	<1.0	
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R2, U	<1.0	
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Acetone	8260	<5.0	U	<5.0	U	68	S3	38	E4	<25	U	<5.0	
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	S3, U	<5.0	E4, U	<5.0	U	<2.0	
Benzene	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	U	<1.0	U	<1.0	
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<1.0	U	<1.0	
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<5.0	R2, U	<1.0	
Carbon disulfide	8260	<1.0	U	<1.0	U	0.47	S3, J	<1.0	E4, U	<1.0	U	<1.0	
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	U	<1.0	U	<1.0	
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<1.0	U	<1.0	
Chloroform	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<1.0	U	<1.0	
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<1.0	U	<1.0	
cis-1,2-Dichloroethylene (DCE)	8260	4.8		7.1		<1.0	S3, U	<1.0	E4, U	<1.0	U	6.2	
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, S3, U	<1.0	E4, U	<1.0	V1, U	<1.0	
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	11	S3	2.9	E4, J	<5.0	U	<5.0	
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	S3, U	<2.0	E4, U	<5.0	U	<1.0	
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	E4, U	0.39	J	<1.0	
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<1.0	U	<1.0	
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<1.0	U	<1.0	
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<1.0	U	<1.0	
Vinyl chloride	8260	<1.0	V6, U	<1.0	U	<1.0	S3, U	<1.0	E4, U	<1.0	U	<1.0	

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-16 (-6)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/16/2009		3/16/2010		6/2/2010		4/1/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	0.50	J	<1.0	U
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R2, U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	R2, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	6.9	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	V1, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-17 (-31)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/22/2009		3/19/2010		6/7/2010		3/31/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	5.8		<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R2, U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	20		<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	7100	D	5.6		3.1		75		33		48.6	
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	R2, U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	1.8		<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	1.7		<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V1, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	53		<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	5.1		<1.0	U	<1.0	U	1.9		<1.0	U	<1.0	U
Total Xylenes	8260	5.6		4.4		<3.0	U	15		16		20.5	
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-17 (-1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/22/2009		3/19/2010		6/7/2010		3/31/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1-Dichloroethane	8260	<1.0	U	7.6		6.0	D	<200	U, D	<50	U, D	<1.0	
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<250	U, D	<1.0	
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Acetone	8260	<5.0	U	9.9		23	J, D	<1000	U, D	<1200	U, D	9	
Acrylonitrile	8260	<5.0	U	<5.0	U	<25	U, D	<1000	U, D	<250	U, D	<2.0	
Benzene	8260	18		7100	D	6100	D	8000	D	7400	D	8280	
Bromochloromethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Bromodichloromethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Bromoform	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Bromomethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<250	R2, U, D	<1.0	
Carbon disulfide	8260	2.6		<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Chlorobenzene	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Chloroethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Chloroform	8260	1.1		<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Chloromethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	1.4		<5.0	U, D	<200	U, D	<50	U, D	1.2	
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Dibromochloromethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Dibromomethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<100	U, D	<1.0	
Ethylbenzene	8260	<1.0	U	1.4		<5.0	U, D	<200	U, D	<50	U, D	2.1	
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<250	U, D	<1.0	
Iodomethane	8260	<1.0	U	<1.0	U	<5.0	L3, U, D	<200	U, D	<50	U, D	<1.0	
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<25	U, D	<1000	U, D	<250	U, D	<5.0	
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<25	U, D	<1000	U, D	<250	U, D	<5.0	
Methyl Isobutyl Ketone	8260	<5.0	U	62		57	D	<1000	U, D	<250	U, D	42.8	
Methylene Chloride	8260	<1.0	U	<1.0	U	<5.0	U, D	<400	U, D	<250	U, D	<1.0	
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Styrene	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Toluene	8260	<1.0	U	5.2		6.1	D	<200	U, D	<50	U, D	6	
Total Xylenes	8260	11		4.6		<15	U, D	<600	U, D	<150	U, D	9.8	
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<250	U, D	<1.0	
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Vinyl acetate	8260	<1.0	U	<1.0	U	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Vinyl chloride	8260	<1.0	U	1.7		<5.0	U, D	<200	U, D	<50	U, D	<1.0	

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-18 (-33)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/1/2009		3/18/2010		6/7/2010		3/28/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethylene	8260	<1.0	V6, U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	L1, U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	14	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	12	U	<1.0	U	<1.0	U	13	U	0.62	J	<1.0	U
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	2.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R1, V1, U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	V6, U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	V6, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	3.0	U	<1.0	U	<1.0	U
Toluene	8260	4.7	U	<1.0	U	<1.0	U	4.9	U	0.30	J	<1.0	U
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	5.7	U	<3.0	U	<1.0	U
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	V6, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	Z10c, U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-18 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/1/2009		3/18/2010		6/7/2010		3/28/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1,1-Trichloroethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1,1,2,2-Tetrachloroethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1,2-Trichloroethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,1-Dichloroethane	8260	34		32	D	28	D	<200	U, D	33	J, D	38.2	
1,1-Dichloroethylene	8260	<1.0	V6, U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,2,3-Trichloropropane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<250	U, D	<1.0	
1,2-Dibromoethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dichlorobenzene	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dichloroethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,2-Dichloropropane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
1,4-Dichlorobenzene	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Acetone	8260	<5.0	U	<25	U, D	<25	U, D	<1000	U, D	<1200	U, D	9.3	
Acrylonitrile	8260	<5.0	U	<25	U, D	<25	U, D	<1000	U, D	<250	U, D	<2.0	
Benzene	8260	950	D	910	D	890	D	920	D	1100	D	976	
Bromochloromethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Bromodichloromethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Bromoform	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Bromomethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<250	R2, U, D	<1.0	
Carbon disulfide	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Carbon Tetrachloride	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Chlorobenzene	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Chloroethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Chloroform	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Chloromethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
cis-1,2-Dichloroethylene (DCE)	8260	3.4		<5.0	U, D	3.8	J, D	<200	U, D	<50	U, D	5.0	
cis-1,3-Dichloropropylene	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Dibromochloromethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Dibromomethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<100	U, D	<1.0	
Ethylbenzene	8260	9.3		7.2	D	8.8	D	<200	U, D	<50	U, D	11.0	
Hexachlorobutadiene	8260	1.2		<5.0	U, D	<5.0	U, D	<200	U, D	<250	U, D	<1.0	
Iodomethane	8260	<1.0	U	<5.0	U, D	<5.0	L3, U, D	<200	U, D	<50	U, D	<1.0	
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<25	U, D	<25	U, D	<1000	U, D	<250	U, D	6.3	
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<25	U, D	<25	U, D	<1000	U, D	<250	U, D	<5.0	
Methyl Isobutyl Ketone	8260	<5.0	U	<25	U, D	<25	U, D	<1000	U, D	<250	U, D	9.9	
Methylene Chloride	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<400	U, D	<250	U, D	<1.0	
Methyl-tert-Butyl Ether	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Styrene	8260	7.6		7.7	D	7.0	D	<200	U, D	<50	U, D	9.0	
Toluene	8260	340	D	360	D	460	D	470	D	510	D	395	
Total Xylenes	8260	140		120	D	145	U, D	1100	D	160	D	172	
trans-1,2-Dichloroethylene	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
trans-1,3-Dichloropropylene	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<250	U, D	<1.0	
Trichlorofluoromethane	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Vinyl acetate	8260	<1.0	U	<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	<1.0	
Vinyl chloride	8260	6.6		<5.0	U, D	<5.0	U, D	<200	U, D	<50	U, D	8.1	

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-19											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/13/2009		10/26/2009		3/1/2010		6/18/2010		4/1/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
1,1,2,2-Tetrachloroethylene (PCE)	8260	4.5		<1.0	U	NS		7.2		NS		4.8	
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
1,1-Dichloroethane	8260	<1.0	U	<1.0	U	NS		0.93	J	NS		<1.0	
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	NS		0.52	J	NS		<1.0	
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Acetone	8260	<5.0	U	<5.0	U	NS		<5.0	U	NS		<5.0	
Acrylonitrile	8260	<5.0	U	<5.0	U	NS		<5.0	U	NS		<2.0	
Benzene	8260	2.2		<1.0	U	NS		40		NS		3.7	
Bromochloromethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Bromodichloromethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Bromoform	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Bromomethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Carbon disulfide	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Chlorobenzene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Chloroethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Chloroform	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Chloromethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	NS		1.2		NS		<1.0	
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Dibromochloromethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Dibromomethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Ethylbenzene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Iodomethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	NS		<5.0	U	NS		<5.0	
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	NS		<5.0	U	NS		<5.0	
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	NS		<5.0	U	NS		<5.0	
Methylene Chloride	8260	<1.0	U	<1.0	U	NS		<2.0	U	NS		<1.0	
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Styrene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Toluene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Total Xylenes	8260	<3.0	U	<3.0	U	NS		1.9	J	NS		<1.0	
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Vinyl acetate	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	
Vinyl chloride	8260	<1.0	U	<1.0	U	NS		<1.0	U	NS		<1.0	

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-20 (-5)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/16/2009		3/17/2010		6/17/2010		4/6/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	M6, U	<1.0	U
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,1-Dichloroethane	8260	3.6		5.6		2.0		6.4		3.1		2.4	
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U			<1.0	U
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	M10, U	<1.0	U
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<25	U	<5.0	U
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<2.0	U
Benzene	8260	32		43		24		71		36		23.6	
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Carbon disulfide	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<1.0	U
Ethylbenzene	8260	<1.0	U	<1.0	U	0.52	J	1.0		0.80	J	<1.0	U
Hexachlorobutadiene	8260	<1.0	U	2.5		<1.0	U	<1.0	U	<5.0	U	<1.0	U
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	L3, U	<1.0	U	<1.0	V1, U	<1.0	U
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	R1, U	<5.0	U
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	R1, U	<5.0	U
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U	<5.0	U
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	U	<5.0	U	<1.0	U
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Toluene	8260	1.1		1.2		0.71	J	1.6		1.2		<1.0	U
Total Xylenes	8260	<3.0	U	3.2		<3.0	U	9.1		3.7		2.1	
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	U
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R1, U	<1.0	U
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Volatile Organic Compounds (VOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well TS-01 (-7)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/26/2009		3/15/2010		6/3/2010		3/31/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,1,1,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
1,1,1-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
1,1,1,2,2-Tetrachloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,1,2,2-Tetrachloroethylene (PCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
1,1,2-Trichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
1,1,2-Trichloroethylene (TCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
1,1-Dichloroethane	8260	1.4		<1.0	U	0.99	J	1.0	E4	2.9		3.1	
1,1-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
1,2,3-Trichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	R2, U	<1.0	
1,2-Dibromo-3-chloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
1,2-Dibromoethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
1,2-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
1,2-Dichloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
1,2-Dichloropropane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
1,4-Dichlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<1.0	
Acetone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	E4, U	<25	U	<5.0	
Acrylonitrile	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	E4, U	<5.0	U	<2.0	
Benzene	8260	5.9		5.4		3.9		2.6	E4	18		16.0	
Bromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Bromodichloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Bromoform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Bromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<5.0	R2, U	<1.0	
Carbon disulfide	8260	<1.0	U	<1.0	U	0.79	J	<1.0	E4, U	<1.0	U	<1.0	
Carbon Tetrachloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Chlorobenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Chloroethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Chloroform	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Chloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
cis-1,2-Dichloroethylene (DCE)	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	0.93	J	<1.0	
cis-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Dibromochloromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Dibromomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<2.0	U	<1.0	
Ethylbenzene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Hexachlorobutadiene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Iodomethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	V1, U	<1.0	
Methyl Butyl Ketone (2-Hexanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	E4, U	<5.0	U	<5.0	
Methyl Ethyl Ketone (2-Butanone)	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	E4, U	<5.0	U	<5.0	
Methyl Isobutyl Ketone	8260	<5.0	U	<5.0	U	<5.0	U	<5.0	E4, U	<5.0	U	5.3	
Methylene Chloride	8260	<1.0	U	<1.0	U	<1.0	U	<2.0	E4, U	<5.0	U	<1.0	
Methyl-tert-Butyl Ether	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Styrene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Toluene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	0.44	J	<1.0	
Total Xylenes	8260	<3.0	U	<3.0	U	<3.0	U	9.0		0.50	J	<1.0	
trans-1,2-Dichloroethylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
trans-1,3-Dichloropropylene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
trans-1,4-Dichloro-2-butene	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	U	<5.0	U	<1.0	
Trichlorofluoromethane	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Vinyl acetate	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	
Vinyl chloride	8260	<1.0	U	<1.0	U	<1.0	U	<1.0	E4, U	<1.0	U	<1.0	

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

APPENDIX E

**Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	EPA Method	Well GL-02 (-29)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/2/2010		4/1/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	<1.0		100		<1.0	U	50		<1.0	U	70	
Ammonia (N)	mg/L	2.7		2.8		3.2		3.3		2.9		2.9	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	0.0074		0.0052		0.0023	J, D	0.0057	D	0.0037		<0.0025	D3
Barium	mg/L	0.095		0.094		0.090	D	0.094	D	0.12		0.097	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	0.0048	J, D	0.002	D3
Cadmium	mg/L	<0.00050		<0.00050		0.0032	D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	50		45		50	D	46		46		48	
Chloride	mg/L	920	D	1300	D	1300	D	1300	D	1500	D	1850	
Chromium	mg/L	<0.0025		<0.0025		<0.0025	U, D	<0.0025	U, D	<0.0020	U	<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00072	J	<0.0025	D3
COD, Total	mg/L	19		70		58		37		18		112	
Conductivity	umhos/cm	4400		5300		4400		4300		4600		5450	
Copper	mg/L	0.0082		<0.0020		0.0064	D	<0.0020	U, D	0.0011		0.0042	
Hardness (as CaCO3)	mg/L	480		450		430		450		440		457	
Iron	mg/L	140		150		17	D	170	D	9.6	B4	85.1	
Lead	mg/L	<0.0020		<0.0020		0.0062	D	<0.0020	U, D	0.00040	J	0.00056	
Magnesium	mg/L	86		83		75	D	82		79		82.6	
Manganese	mg/L	5.9		5.8		5.6	D	5.0	D	6.3	D	3.0	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	<0.0050		<0.0050		0.0027	J, D	0.00069	J, D	0.0026	J	<0.0025	D3
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.018	J	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		<0.0050		<0.012	U	0.0070	J	<0.012	U	0.022	
pH	pH Units	3.08		5.50		3.15		3.50		3.03		6.1	
Potassium	mg/L	19	B2	16		14	D	17	B	14	D	15.2	
Selenium	mg/L	0.024		0.017		0.0096	D	0.0093	D	0.014	J, D	<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.00063	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	670		590		600	D	700	D	680	D	370	
Sulfate as SO4	mg/L	140	D	130	D	130	D	95	D	110	D	135	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0050	U, D	<0.00050	D3
Total Dissolved Solids	mg/L	2600		1800		2000	D	2200	D	2100	D	2730	
Turbidity	NTU	4.2		130		2.8		130		3.6		87	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	0.020	J, D	<0.00050	D3
Zinc	mg/L	<0.020		<0.020		0.081	D	<0.020	U, D	0.0053		0.032	D3

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	EPA Method	Well GL-02 (-5)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/2/2010		4/1/2011		*	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	240		170		160	D	180	D	270	D		
Ammonia (N)	mg/L	3.3		6.7	D	23	D	44	D	0.22			
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00058	J		
Arsenic	mg/L	0.0061		0.0062		0.0061	D	0.0038	J, D	0.0058			
Barium	mg/L	0.044		0.037		0.022	D	0.037	D	0.041			
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U		
Cadmium	mg/L	0.0025		0.0015		0.0016	D	<0.00050	U, D	0.0012			
Calcium	mg/L	120		110		64	D	98	D	92	D		
Chloride	mg/L	14		180	D	120	D	200	D	220	D		
Chromium	mg/L	0.012		0.0060		0.0026	D	<0.0025	U, D	0.0045			
Cobalt	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.0012	J		
COD, Total	mg/L	120	D	150		130		140		190	D		
Conductivity	umhos/cm	1700		2100		1700		1700		1800			
Copper	mg/L	0.014		0.0082		0.0085	D	<0.0020	U, D	0.0061			
Hardness (as CaCO3)	mg/L	550		580		290		440		420			
Iron	mg/L	12		10		4.6	D	1.4	D	7.0	B4		
Lead	mg/L	0.059		0.034		0.028	D	<0.0020	U, D	0.0080			
Magnesium	mg/L	57		73		32	D	48	D	46	D		
Manganese	mg/L	0.67		0.44		0.25	D	0.30	D	0.44			
Mercury	mg/L	<0.00020		<0.00020		0.000047	J	<0.00020	U	<0.00020	U		
Nickel	mg/L	0.025		0.027		0.022	D	0.020	D	0.031			
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		1.9		<0.050			
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.011	J	2.0		<0.050	U		
Nitrogen, Nitrite	mg/L	0.024		0.011		0.0060	J	0.17		0.0074	J		
pH	pH Units	7.22		6.80		6.31		6.30		7.87			
Potassium	mg/L	84	B2	64		61	D	92	D, B	89			
Selenium	mg/L	0.014		0.013		0.0069	D	0.0068	D	0.010			
Silver	mg/L	<0.0020		<0.0020		0.00070	J, D, B	<0.0020	U, D	<0.0010	U		
Sodium	mg/L	140		110		87	D	160	D	160	D		
Sulfate as SO4	mg/L	360	D	260	D	140	D	340	D	280	D		
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	0.00049	J		
Total Dissolved Solids	mg/L	1200		1200		840	D	1100	D	1100	D		
Turbidity	NTU	31		21		19		4.2		53	D		
Vanadium	mg/L	0.013		0.0060		0.0091	D	0.0033	J	0.010			
Zinc	mg/L	0.63		0.40		0.25	D	<0.020	U, D	0.12			

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-03 (-16)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/18/2010		6/3/2010		3/28/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	400		680		400	D	540	D	640	Z10a, D	576	
Ammonia (N)	mg/L	7.2	D	9.7	D	12	D	0.18		9.5	D	23.9	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00048	J	<0.0025	D3
Arsenic	mg/L	0.0080		0.0075		0.0052	D	0.0077	D	0.0056		0.0035	
Barium	mg/L	0.075		0.075		0.068	D	0.068	D	0.066		0.073	
Beryllium	mg/L	<0.0025		<0.0050		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.001	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	100		100		110	D	110	D	100	D	99.8	
Chloride	mg/L	450	D	48		30		460	D	260	D	348	
Chromium	mg/L	<0.0025		<0.0025		0.0032	D	<0.0025	U, D	0.0023		<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		0.0026	J, D	<0.0050	U, D	0.0026	J	<0.0025	D3
COD, Total	mg/L	180	D	300	D	210	D	200	D	180	D	283	
Conductivity	umhos/cm	1500		2200	H1	2100		3400		1800		1940	
Copper	mg/L	0.0030		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.0025	D3
Hardness (as CaCO3)	mg/L	560		540		530		580		540		521	
Iron	mg/L	0.18		0.13		0.36	J, D	0.11	D	0.081	D	<0.25	
Lead	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Magnesium	mg/L	74		69		63	D	72	D	69	D	66.6	
Manganese	mg/L	0.16		0.18		0.19	D	0.17	D	0.23		0.25	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	<0.0050		<0.0050		0.0027	J, D	0.0016	J, D	0.0058		<0.0025	D3
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		<0.050	U	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	0.014		0.016		0.0055	J	<0.012	U	0.0090	J	<0.010	
pH	pH Units	7.95		8.20		8.21		8.60		8.10		7.9	
Potassium	mg/L	15	B2	15	B2	14	D	19	D, B	13	D	12.1	
Selenium	mg/L	0.010		0.0077		0.0051	D	0.0060	D	0.0087		<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.0019	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	150		190		190	D	300	D	190	D	178	
Sulfate as SO4	mg/L	90	D	180	D	81	D	90	D	84	D	48.3	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	1500		1200		1300	D	1400	D	1200	D	1130	
Turbidity	NTU	160		88		2.7		6.8		11		8.0	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	0.0022	J	<0.0050	U	0.0032	
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	<0.0050	U	0.028	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-03 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/17/2010		6/3/2010		3/28/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	240		200		550		300				500	
Ammonia (N)	mg/L	<0.10		1.8		2.0		2.4				1.5	
Antimony	mg/L	<0.0050		<0.0050		<0.0050		<0.0050				<0.0025	D3
Arsenic	mg/L	<0.0050		<0.0050		<0.0050		<0.0050				<0.0025	D3
Barium	mg/L	0.067		0.061		0.061		0.073				0.058	
Beryllium	mg/L	<0.0025		<0.0050		<0.0025		<0.0025				<0.0010	D3
Cadmium	mg/L	<0.00050		<0.0050		<0.00050		<0.00050				<0.00040	D3
Calcium	mg/L	150		150		180		150				163	M6
Chloride	mg/L	7.5		9.0		15		12				12.2	
Chromium	mg/L	0.0028		<0.0025		0.0087		<0.0025				<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		<0.0050		<0.0050				<0.0025	D3
COD, Total	mg/L	<10		51		4.0		<10				13.8	
Conductivity	umhos/cm	1400		1300	H1	1900		3000				1790	
Copper	mg/L	0.016		0.0		0.018		<0.0020				0.0042	
Hardness (as CaCO3)	mg/L	390		370		450		390				403	
Iron	mg/L	<0.0050		<0.0025		<0.050		0.035				<0.25	D3
Lead	mg/L	0.0085		0.0073		0.13		0.016				0.0065	
Magnesium	mg/L	<0.010		<0.050		<0.10		<0.10				0.035	
Manganese	mg/L	0.0056		<0.0050		<0.0050		0.0022				<0.0025	D3
Mercury	mg/L	<0.00020		<0.00020		0.000031		<0.00020				<0.00020	
Nickel	mg/L	0.0059		<0.0050		0.0043		0.0026				<0.0025	D3
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050				<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.55		<0.050					
Nitrogen, Nitrite	mg/L	0.094		0.0076		0.71		<0.012				0.093	
pH	pH Units	11.6		11.3		12.5		11.9				11.8	
Potassium	mg/L	14	B2	19.0	B2	8.9		12				11.1	
Selenium	mg/L	<0.0050		<0.0050		0.0039		<0.0050				<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.00055		<0.0020				<0.0025	D3
Sodium	mg/L	13		10		13		14				11.4	
Sulfate as SO4	mg/L	91	D	120	D	72		73				126	
Thallium	mg/L	<0.0020		<0.0020		<0.0020		<0.0020				<0.00050	D3
Total Dissolved Solids	mg/L	490		580		520		650				507	
Turbidity	NTU	1.8		1.0		0.36		0.69				0.58	
Vanadium	mg/L	0.040		0.015		0.020		0.025				0.022	
Zinc	mg/L	<0.020		<0.020		<0.020		<0.020				0.035	M6

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-05 (-25)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/1/2010		4/4/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	20		44		20		39		38		10	
Ammonia (N)	mg/L	3.2		2.9		3.6		4.2		3.7		3.9	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	0.0059		<0.0050		0.0027	J, D	0.0077	D	0.0056		0.0094	
Barium	mg/L	0.091		0.092		0.076	D	0.12	D	0.080		0.1	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.001	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.0004	D3
Calcium	mg/L	31		27		28	D	28	D	28		34.7	
Chloride	mg/L	72		1300	D	2400	D	1000	D	1000	D	866	
Chromium	mg/L	<0.0025		<0.0025		<0.0025	U, D	<0.0025	U, D	<0.0020	U	<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
COD, Total	mg/L	82		130		120		110		110		264	
Conductivity	umhos/cm	3100		4400		2900		4700		3200		3820	
Copper	mg/L	0.0049		<0.0020		0.0020	D	<0.0020	U, D	0.00055	J	<0.0025	D3
Hardness (as CaCO3)	mg/L	260		250		240		250		260		324	
Iron	mg/L	200		200		200	D	210	D	210	D	244	
Lead	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Magnesium	mg/L	45		45		40	D	45	D	46		58.8	
Manganese	mg/L	4.5		4.6		4.4	D	5.1	D	4.4	D	5.1	
Mercury	mg/L	<0.00020		<0.00020		0.000029	J	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00090	J	<0.0025	D3
Nitrogen, Nitrate	mg/L	<0.050		<0.05		0.054		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.054		<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		<0.0050		<0.012	U	0.0037	J	<0.012	U	0.026	
pH	pH Units	5.99		5.80		6.30		6.10		6.18		6	
Potassium	mg/L	6.3	B2	1.8		4.6	D	5.4	D, B	6.3		7.1	
Selenium	mg/L	0.015		0.010		0.0077	D	0.0078	D	0.0014	J	<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.00092	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	400		380		380	D	420	D	440	D	467	
Sulfate as SO4	mg/L	400	D	210	D	310	D	180	D	230	D	457	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	810		1700		1500	D	1500	D	2000	D	2250	
Turbidity	NTU	33		130		90		130		570	D	97.5	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	0.0054		<0.00050	D3
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.0034	J	<0.025	D3

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-05 (-7)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/1/2010		4/1/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	<1.0		28		40		44		56	D	42	
Ammonia (N)	mg/L	<0.10		0.61		0.50		0.57		1.1		0.46	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	<0.0050		0.041		0.0073	D	0.0092	D	0.0042		0.0029	
Barium	mg/L	0.025		0.20		0.033	D	0.024	D	0.017		0.02	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	<0.00050		0.0014		<0.00050	U, D	<0.00050	U, D	0.00040	J	0.00068	
Calcium	mg/L	27		38		52	D	44	D	48		40.3	
Chloride	mg/L	810	D	86		98		99		150	D	131	
Chromium	mg/L	0.0027		0.14		0.011	D	<0.0025	U, D	<0.0020	U	0.0026	
Cobalt	mg/L	0.13		0.21		0.23	D	0.22	D	0.19		0.19	
COD, Total	mg/L	<10		17		13		26		35		46.4	
Conductivity	umhos/cm	1100		1500		1200		1800		1400		1530	
Copper	mg/L	0.0051		0.085		0.012	D	<0.0020	U, D	0.0016		<0.0025	D3
Hardness (as CaCO3)	mg/L	260		370		440		400		440		388	
Iron	mg/L	31		190		82	D	67	D	93	D	69.8	
Lead	mg/L	<0.0020		0.061		0.0086	D	<0.0020	U, D	<0.0010	U	0.0014	
Magnesium	mg/L	46		68		76	D	71	D	77		68.0	
Manganese	mg/L	1.1		2.4		1.9	D	1.3	D	2.0	D	1.5	
Mercury	mg/L	<0.00020		<0.00020		0.000064	J	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.17		0.29		0.29	D	0.26	D	0.22		0.24	
Nitrogen, Nitrate	mg/L	0.094		<0.05		0.14		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	0.094		<0.05		0.14		0.016	J	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050	H1	0.057		<0.012	U	0.0025	J	<0.012	U	0.022	
pH	pH Units	5.41		5.10		5.47		5.80		5.41		5.5	
Potassium	mg/L	1.1	B2	3.8		2.0	D	4.1	D, B	1.6		1.3	
Selenium	mg/L	0.0070		0.0068		0.0046	J, D	0.0027	J, D	0.0011	J	<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.0022	Z10, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	89		88		100	D	110	D	120	D	111	
Sulfate as SO4	mg/L	130	D	200	D	310	D	570	D	600	D	565	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	1800		800		1000	D	970	D	1300	D	1050	
Turbidity	NTU	34		53		13		19		0.62		25.9	
Vanadium	mg/L	<0.0050		0.18		0.015	D	<0.0050	U	0.0052		0.0023	
Zinc	mg/L	0.16		0.62		0.24	D	0.21	D	0.15		0.21	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-08 (-36)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/25/2010		6/3/2010		3/23/2011		3/20/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	95		56		<1.0	U	90		72	D	74.2	
Ammonia (N)	mg/L	<0.10		4.6		4.9		4.8		4.4		4.4	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00050	J	<0.0025	D3
Arsenic	mg/L	0.0088		<0.0050		0.0056	D	0.0044	J, D	0.0024		0.0031	
Barium	mg/L	0.58		0.58		0.54	D	0.53	D	0.52		0.572	
Beryllium	mg/L	<0.0025		<0.0050		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.001	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	63		59		63	D	58		56	D	74	
Chloride	mg/L	2300	D	110	D	1400	D	1300	D	2200	D	1600	
Chromium	mg/L	<0.0025		<0.0025		<0.0025	U, D	<0.0025	U, D	0.0012	J	<0.0025	D3
Cobalt	mg/L	<0.0050		0.0074		0.0086	D	0.0042	J, D	0.0076		0.0155	
COD, Total	mg/L	17		240	D	190	D	200	D	170	D	416	
Conductivity	umhos/cm	3200		5200	H1	4400		9400		3800		6100	
Copper	mg/L	0.0059		0.0038		0.0041	D	<0.0020	U, D	<0.0010	U	<0.0025	D3
Hardness (as CaCO3)	mg/L	510		520		540		540		530		749	
Iron	mg/L	170		200		200	D	200	D	190	D, B	215	
Lead	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Magnesium	mg/L	85		92		92	D	97	D	95	D	122	
Manganese	mg/L	10		8.9		9.6	D	9.4	D	8.5	D	9.04	
Mercury	mg/L	<0.00020		<0.00020		0.000029	J	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	<0.0050		<0.0050		0.0051	D	0.0041	J, D	0.012		0.0103	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.038	J	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		0.0058		0.0064	J	<0.012	U	<0.012	U	0.028	
pH	pH Units	5.87		7.00		5.96		9.80		6.31		6.2	
Potassium	mg/L	5.4	B2	4.9	B2	5.0	D	6.0	B	5.2	D	7.36	
Selenium	mg/L	0.019		0.014		0.013	D	0.0097	D	0.0064		<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.0010	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	480		560		530	D	570	D	590	D	820	
Sulfate as SO4	mg/L	210	D	76	D	130	D	140	D	140	D		
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	2600		2300		2100	D	3800	D	2400	D		
Turbidity	NTU	140		140		110		82		200		171	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	<0.0050	U	0.0013	
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.0011	J	<0.025	D3

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	EPA Method	Well GL-08 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/25/2010		6/3/2010		3/23/2011		3/20/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	210		260		140	D	230	D	150	D	162	
Ammonia (N)	mg/L	26	D	43	D	26	D	41	D	23	D	42.3	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00075	J	<0.0025	D3
Arsenic	mg/L	0.014		0.014		0.011	D	0.013	D	0.0086		0.0086	
Barium	mg/L	0.050		0.046		0.061	D	0.047	D	0.036		0.0376	
Beryllium	mg/L	<0.0025		<0.0050		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	<0.00050		<0.00050		0.00087	D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	210		190		180	D	190	D	160	D	161	
Chloride	mg/L	560	D	340	D	310	D	460	D	310	D	329	
Chromium	mg/L	0.0036		<0.0025		0.021	D	<0.0025	U, D	0.0011	J	<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		0.0039	J, D	<0.0050	U, D	0.0011	J	<0.0025	D3
COD, Total	mg/L	190	D	300	D	210	D	210	D	200	D	233	
Conductivity	umhos/cm	2500		2900	H1	2000		5300		250		2180	
Copper	mg/L	0.0072		0.0037		0.050	D	<0.0020	U, D	0.00045	J	<0.0025	D3
Hardness (as CaCO3)	mg/L	520		460		460		470		400		427	
Iron	mg/L	1.2		0.63		14	D	0.20	D	0.12	B1, D, B	<.25	
Lead	mg/L	0.0044		0.0025		0.041	D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Magnesium	mg/L	<0.010		<0.050		1.3	D	<0.10	U, D	0.085	D	0.086	
Manganese	mg/L	0.039		0.018		0.38	D	<0.0050	U, D	0.00075	J	0.003	
Mercury	mg/L	<0.00020		<0.00020		0.00013	J	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.016		0.014		0.021	D	0.014	D	0.011		0.0092	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		<0.050	U	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		0.017		0.011	J	0.0051	J	<0.012	U	<0.010	
pH	pH Units	10.7		6.90		9.87		9.70		11.3		10.5	
Potassium	mg/L	81	B2	83	B2	70	D	80	D, B	66	D	66.5	
Selenium	mg/L	0.015		0.011		0.0053	D	0.0090	D	0.0039	J	<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.0014	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	310		340		190	D	280	D	180	D	195	
Sulfate as SO4	mg/L	360	D	430	D	650	D	350	D	410	D		
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	1700		1600		1200	D	1600	D	1200	D		
Turbidity	NTU	2.7		2.0		7.4		0.97		1.8		4	
Vanadium	mg/L	0.028		0.024		0.071	D	0.020		0.026		<0.00050	
Zinc	mg/L	<0.020		<0.020		0.11	D	<0.020	U, D	<0.0050	U	<0.025	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	EPA Method	Well GL-09 (-2)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/13/2009		10/26/2009		3/29/2010		6/9/2010		3/23/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	240		320		170	D	270	D	230	D	188	
Ammonia (N)	mg/L	52	D	110	D	44	D	87	D	54	D	136	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.0024	J	0.00078	
Arsenic	mg/L	0.031		0.029		0.019	D	0.026	D	0.021		0.024	
Barium	mg/L	0.082		0.049		0.039	D	0.049	D	0.043		0.046	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.00020	
Cadmium	mg/L	0.0012		<0.00050		<0.00050	U, D	<0.00050	U, D	0.00051		0.00035	
Calcium	mg/L	340		250		280	D	280	D	280	D	259	M6
Chloride	mg/L	370	D	520	D	330	D	400	D	290	D	2291	
Chromium	mg/L	0.037		0.0063		0.0060	D	0.0046	D	0.011		0.0085	
Cobalt	mg/L	0.0068		<0.0050		0.0010	J, D	<0.0050	U, D	0.0024	J	0.002	
COD, Total	mg/L	140		280	D	270		260	D	160	D	227	
Conductivity	umhos/cm	2400		3400		2400		4900		2100		253	
Copper	mg/L	0.068		0.0095		0.016	D	0.012	D	0.019		0.034	
Hardness (as CaCO3)	mg/L	850		610		710		690		690		606	
Iron	mg/L	19		2.6		4.6	D	4.7	D	6.1	D, B	4.5	M6
Lead	mg/L	0.042		0.0042		0.010	D	0.0069	D	0.011		0.0099	
Magnesium	mg/L	0.70		<0.010		<1.0	U, D	<0.10	U, D	0.60	D	0.5	
Manganese	mg/L	0.54		0.063		0.12	D	0.11	D	0.15		0.12	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.036		0.017		0.013	D	0.016	D	0.017		0.012	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		<0.050	U	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	0.014		NA		0.016		0.010	J	<0.012	U	0.01	
pH	pH Units	9.83		10.4		9.67		10.3		10.6		9.9	
Potassium	mg/L	81	B2	74		76	D	76	D, B	74	D	72.5	M6
Selenium	mg/L	0.016		0.012		0.0057	D	0.0060	D	0.0059		0.0016	M6
Silver	mg/L	<0.0020		<0.0020		0.00078	J, D, B	<0.0020	U, D	<0.0010	U	0.0019	M6
Sodium	mg/L	250		270		190	D	240	D	180	D	206	M6
Sulfate as SO4	mg/L	230	D	280	D	1000	D	780	D	740	D	723	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	0.00025	J	<0.00010	
Total Dissolved Solids	mg/L	2000		2300		1600	D	2000	D	1700	D	1600	
Turbidity	NTU	24		24		26		22		38		12.6	
Vanadium	mg/L	0.053		0.015		0.012	D	0.016		0.019		0.017	
Zinc	mg/L	0.17		<0.020		0.051	D	0.029	D	0.055		0.061	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	EPA Method	Well GL-09 (-20)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/13/2009		10/26/2009		3/29/2010		6/9/2010		3/23/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	360		320		420	D	380	D	370	D	330	
Ammonia (N)	mg/L	2.5		2.4		2.0		2.9		2.1		1.9	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.0011	J	<0.0025	D3
Arsenic	mg/L	0.017		0.015		0.0040	J, D	0.014	D	0.0076		0.0037	
Barium	mg/L	0.24		0.23		0.12	D	0.22	D	0.21		0.18	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	44		42		47	D	39	D	38	D	39.2	
Chloride	mg/L	600	D	260	D	520	D	520	D	670	D	494	
Chromium	mg/L	<0.0025		0.0026		<0.0025	U, D	<0.0025	U, D	<0.0020	U	<0.0025	D3
Cobalt	mg/L	0.0079		0.0087		0.00095	J, D	0.0058	D	0.0077		0.0051	
COD, Total	mg/L	<10		64		270		46		34		61.7	
Conductivity	umhos/cm	2400		2700		2500		4300		2400		2610	
Copper	mg/L	0.0050		0.0024		<0.0020	U, D	<0.0020	U, D	<0.0010	U	0.0049	
Hardness (as CaCO3)	mg/L	480		470		450		440		440		431	
Iron	mg/L	78		81		14	D	80	D	72	D, B	50.6	
Lead	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Magnesium	mg/L	90		88		82	D	82	D	84	D	80.1	
Manganese	mg/L	3.8		3.6		3.7	D	3.0	D			3.3	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	<0.0050		<0.0050		0.00083	J, D	0.0019	J, D	0.0077		<0.0025	D3
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.062		<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		NA		0.019		0.0020	J	<0.012	U	0.021	
pH	pH Units	6.30		5.90		6.24		5.90		6.78		6.2	
Potassium	mg/L	14	B2	11		12	D	11	D, B	11	D	12	
Selenium	mg/L	0.026		0.016		0.010	D	0.0084	D	0.0098		<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.00066	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	340		310		310	D	310	D	290	D	330	
Sulfate as SO4	mg/L	140	D	120	D	170	D	120	D	100	D	77.5	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	1600		1500		1000	D	1500	D	1200	D	1330	
Turbidity	NTU	140		61		38		33		130		72.8	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	<0.0050	U	<0.00050	D3
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.0035	J	0.031	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-10 (-31)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/12/2009		3/23/2010		6/4/2010		3/22/2011		3/20/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	60		42		70		60		56	D	59.2	
Ammonia (N)	mg/L	4.4		4.1		5.0		4.8		4.5		5	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00058	J	<0.00050	
Arsenic	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0020	U	<0.00050	
Barium	mg/L	0.081		0.097		0.060	D	0.053	D	0.060		0.0695	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.00020	
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00080	
Calcium	mg/L	6.9		5.9		5.9		8.6	D	7.4		6.3	
Chloride	mg/L	11		14		12		9.0		12		13.1	
Chromium	mg/L	<0.0025		<0.0025		<0.0025	U, D	<0.0025	U, D	0.0012	J	0.00078	
Cobalt	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.00050	
COD, Total	mg/L	<10		57		11		<10	U	20		33.4	
Conductivity	umhos/cm	290		NA		200		300		290		257	
Copper	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	
Hardness (as CaCO3)	mg/L	31		27		27		35		32		37.5	
Iron	mg/L	49		51		47		18	D	45	B	54.8	
Lead	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00010	
Magnesium	mg/L	3.3		3.0		3.0		3.2	D	3.4		3.96	
Manganese	mg/L	0.94		0.82		0.90	D	0.73	D	0.84		1.41	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.00050	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.12		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.16		<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		NA		0.053	J, D	<0.012	U	<0.012	U	0.028	
pH	pH Units	6.41		6.50		7.97		6.70		6.56		6.3	
Potassium	mg/L	6.7	B2	6.9		1.7		14	D, B	6.5		1.49	
Selenium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00070	J	<0.00050	
Silver	mg/L	<0.0020		<0.0020		0.00087	J, D, B	<0.0020	U, D	<0.0010	U	<0.00050	
Sodium	mg/L	14		15		10		19	D	11		8.6	
Sulfate as SO4	mg/L	42	D	30	D	11		17		15			
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	180		160		100	D	170	D	130	D		
Turbidity	NTU	180		240		190		76		33		131	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	<0.0050	U	0.00046	
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.0011	J	<0.005	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-10 (-1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/12/2009		3/23/2010		6/4/2010		3/20/2013			
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	60		48		60		40	U	15.4			
Ammonia (N)	mg/L	2.4		2.9		2.9		2.8		2.2			
Antimony	mg/L	<0.0050		<0.0050		<0.0050		<0.0050	J	<0.00050			
Arsenic	mg/L	0.018		<0.0050		0.0027		<0.0050	J	0.0026			
Barium	mg/L	0.32		0.059		0.053		0.050		0.0472			
Beryllium	mg/L	0.0027		<0.0010		<0.0025		<0.0025	U	<0.00020			
Cadmium	mg/L	<0.00050		<0.00050		<0.00050		<0.00050	U	<0.000080			
Calcium	mg/L	14		11		12		12		8.2	M6		
Chloride	mg/L	14		15		9.0		9.0		15.8			
Chromium	mg/L	0.093		<0.0025		0.0025		<0.0025	U	0.0019			
Cobalt	mg/L	0.023		<0.0050		<0.0050		<0.0050	U	<0.00050			
COD, Total	mg/L	10		44		15		3.9	U	18.2			
Conductivity	umhos/cm	440		NA		350		520		331			
Copper	mg/L	0.050		<0.0020		<0.0020		<0.0020	U	0.00099			
Hardness (as CaCO3)	mg/L	88		54		60		58		57.1			
Iron	mg/L	100		42		52		48	D, B	51.4	M6		
Lead	mg/L	0.058		<0.0020		<0.0020		<0.0020	U	0.00068			
Magnesium	mg/L	13		6.6		6.9		7.0		6.37	M6		
Manganese	mg/L	1.9		1.00		1.2		1.1	D	0.818			
Mercury	mg/L	<0.00020		<0.00020		0.000044		<0.00020	U	<0.00020			
Nickel	mg/L	0.049		<0.0050		0.0018		<0.0050	J	0.00081			
Nitrogen, Nitrate	mg/L	<0.050		<0.05		0.10		<0.050		<0.060			
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.11		<0.050	U				
Nitrogen, Nitrite	mg/L	<0.0050		NA		0.0060		<0.012	U	<0.010			
pH	pH Units	6.00		4.0		6.01		4.30		6			
Potassium	mg/L	2.9	B2	0.99		0.93		0.87		0.762	M6		
Selenium	mg/L	<0.0050		<0.0050		<0.0050		<0.0050	J	<0.00050			
Silver	mg/L	<0.0020		<0.0020		0.00096		<0.0020	U	<0.00050	D3		
Sodium	mg/L	23		20		20		18		19.7	M6		
Sulfate as SO4	mg/L	120	D	120	D	110		96	D				
Thallium	mg/L	0.0024		<0.0020		<0.0020		<0.0020	U	<0.00050	D3		
Total Dissolved Solids	mg/L	310		260		210		260	D				
Turbidity	NTU	67		50		25		8.8		41.8			
Vanadium	mg/L	0.11		<0.0050		<0.0050		<0.0050	U	0.0019			
Zinc	mg/L	0.19		<0.020		0.019		<0.020	J	0.0073			

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	EPA Method	Well GL-11 (-33)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/26/2009		3/25/2010		6/7/2010		3/20/2013			
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	170		130		100		120	D	126			
Ammonia (N)	mg/L	2.0		2.2		15		2.6		2.1			
Antimony	mg/L	<0.0050		<0.0050		<0.0050		<0.0050	J	<0.0025	D3		
Arsenic	mg/L	<0.0050		<0.0050		<0.0050		<0.0050	J	0.0083			
Barium	mg/L	0.088		0.087		0.12		0.10		0.252			
Beryllium	mg/L	<0.0025		<0.0010		<0.0025		<0.0025	U	0.0016			
Cadmium	mg/L	<0.00050		<0.00050		<0.00050		<0.00050	U	<0.00040	D3		
Calcium	mg/L	57		80		100		90		79.4			
Chloride	mg/L	60	D	29		40		62	D	43.1			
Chromium	mg/L	<0.0025		<0.0025		<0.0025		<0.0025	U	0.0343			
Cobalt	mg/L	<0.0050		<0.0050		<0.0050		<0.0050	U	0.0054			
COD, Total	mg/L	<10		21		270		<10	U	70.4			
Conductivity	umhos/cm	330		1400		300		1700		427			
Copper	mg/L	<0.0020		<0.0020		<0.0020		<0.0020	U	0.0291			
Hardness (as CaCO3)	mg/L	170		220		370		240		688			
Iron	mg/L	14		20		47		16	B	378			
Lead	mg/L	<0.0020		<0.0020		<0.0020		<0.0020	U	0.0148			
Magnesium	mg/L	7.2		3.9		28		4.9		104			
Manganese	mg/L	0.85		0.7		1.8		0.54		9.85			
Mercury	mg/L	<0.00020		<0.00020		0.000031		<0.00020	U	<0.00020			
Nickel	mg/L	<0.0050		0.0089		0.0078		0.0054	J	0.0618			
Nitrogen, Nitrate	mg/L	<0.050		<0.050		<0.050		<0.050		<0.060			
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		<0.050		0.038	U				
Nitrogen, Nitrite	mg/L	<0.0050		NA		0.036		0.0052	J	0.014			
pH	pH Units	9.21		9.2		9.37		9.40		7.2			
Potassium	mg/L	1.6	B2	1.8		1.8		1.7		2.49			
Selenium	mg/L	<0.0050		<0.0050		<0.0050		<0.0050	J	<0.0025	D3		
Silver	mg/L	<0.0020		<0.0020		0.0012		<0.0020	U	<0.0025	D3		
Sodium	mg/L	16		19		20		20		15.9			
Sulfate as SO4	mg/L	4.8		3.5		7.8		2.3					
Thallium	mg/L	<0.0020		<0.0020		<0.0020		<0.0020	U	<0.00050	D3		
Total Dissolved Solids	mg/L	240		700		140		250	D				
Turbidity	NTU	64		76		20		16		258			
Vanadium	mg/L	<0.0050		<0.0050		<0.0050		<0.0050	J	0.0718			
Zinc	mg/L	<0.020		<0.020		<0.020		<0.020	U	0.0384			

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-11 (-1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/22/2009		3/29/2010		6/9/2010		3/23/2011		3/20/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	<1.0		<1.0		2.0		<1.0	U	4.0		4.8	
Ammonia (N)	mg/L	<0.10		0.17		1.1		0.080	J	0.37		<0.10	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00065	J	<0.00050	
Arsenic	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00091	J	0.0012	
Barium	mg/L	0.028		0.037		0.019	D	0.023	D	0.022		0.0247	
Beryllium	mg/L	0.0044		0.0033		<0.0025	U, D	0.0018	J, D	0.0036		0.0035	
Cadmium	mg/L	0.0013		0.0024		0.0016	D	0.00040	J, D	0.0014		0.0016	
Calcium	mg/L	12		14		13		13		12		11.8	
Chloride	mg/L	78		86		88		90		87	D	125	
Chromium	mg/L	<0.0025		0.0057		0.0024	J, D	<0.0025	U, D	0.0024		0.001	
Cobalt	mg/L	0.13		0.13		0.13	D	0.14	D	0.11		0.122	
COD, Total	mg/L	<10		11		23		<10	U	12		35.6	
Conductivity	umhos/cm	640		690		830		1300		650		750	
Copper	mg/L	0.0039		0.0056		0.0020	D	<0.0020	U, D	0.0018		0.0031	
Hardness (as CaCO3)	mg/L	160		160		160		170		150		178	
Iron	mg/L	3.1		4.9		2.3		3.7		3.4	B	5.95	
Lead	mg/L	<0.0020		0.0030		0.00066	J, D	<0.0020	U, D	0.0017		0.0012	
Magnesium	mg/L	32		32		31		33		30		32	
Manganese	mg/L	0.37		0.70		0.35	D	0.32	D	0.31		0.347	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.21		0.22		0.22	D	0.22	D	0.20		0.214	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		<0.050	U	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		NA		0.013		<0.012	U	<0.012	U	<0.010	
pH	pH Units	4.59		4.00		5.24		4.10		4.58		4.7	
Potassium	mg/L	0.77	B2	1.1		0.54		0.55	Z10, B	0.46		0.476	
Selenium	mg/L	<0.0050		<0.0050		0.0032	J, D	<0.0050	U, D	0.0022	J	0.0017	
Silver	mg/L	<0.0020		<0.0020		0.00087	J, D, B	<0.0020	U, D	<0.0010	U	<0.00050	
Sodium	mg/L	71		67		64		61		60		57	
Sulfate as SO4	mg/L	180	D	140	D	230	D	170	D	160	D		
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	560		650		450	D	600	D	370	D		
Turbidity	NTU	3.2		22		8.3		4.0		14		2.6	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	<0.0050	U	0.00068	
Zinc	mg/L	0.32		0.40		0.33	D	0.35	D	0.35		0.353	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-12 (-17)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/25/2010		6/16/2010		3/21/2013		3/20/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	60		<1.0		<1.0	U	<1.0	U	<1.0	U	37.2	
Ammonia (N)	mg/L	3.2		3.2		3.7		4.4		3.3		3.6	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0020	U	<0.0025	D3
Barium	mg/L	0.033		0.031		0.027	D	0.028	D	0.028		0.029.2	
Beryllium	mg/L	<0.0025		<0.0050		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	22		20		21	D	20	D	19		20.7	
Chloride	mg/L	22		210	D	51		220	D	200	D	230	
Chromium	mg/L	<0.0025		<0.0025		0.0019	J, D	<0.0025	U, D	<0.0020	U	<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00025	J	<0.0025	D3
COD, Total	mg/L	<10		62		17		25		<10	U	33.4	
Conductivity	umhos/cm	1200		1800	HI	1200		1100		650		1360	
Copper	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.0025	D3
Hardness (as CaCO3)	mg/L	150		140		130		130		140		149	
Iron	mg/L	130		130		120	D	130	D	130	D	119	
Lead	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Magnesium	mg/L	23		21		20	D	21	D	22		20.4	
Manganese	mg/L	3.4		2.9		3.2	D	2.9	D	3.2	D	2.87	
Mercury	mg/L	<0.00020		<0.00020		0.000041	J	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.020		<0.0025	D3
Nitrogen, Nitrate	mg/L	<0.050		<0.05		0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.056		<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		0.0064		0.0068	J	0.0041	J	<0.012	U	<0.010	
pH	pH Units	6.08		6.10		6.37		6.20		3.86		6	
Potassium	mg/L	3.6	B2	3.2	B2	3.3	D	3.2	D, B	3.3		3.37	
Selenium	mg/L	0.0055		<0.0050		0.0027	J, D	<0.0050	U, D	0.0010	J	<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.00081	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	120		110		110	D	110	D	130	D	121	
Sulfate as SO4	mg/L	190	D	180	D	250	D	240	D	170	D		
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	990		500		670	D	850	D	650	D		
Turbidity	NTU	45		84		52		70		160	HI	65	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	<0.0050	U	<0.00050	D3
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.0016	J	<0.025	D3

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-12 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/25/2010		6/16/2010		3/21/2011		3/20/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	<1.0		<1.0		<1.0	U	<1.0	U	<1.0	U	<1.0	
Ammonia (N)	mg/L	0.24		0.45		0.21		0.53		0.26		<0.10	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0020	U	<0.0025	D3
Barium	mg/L	0.019		0.021		0.013	D	0.017	D	0.015		0.0173	
Beryllium	mg/L	0.0052		<0.0050		0.0029	D	0.0021	J, D	0.0064		0.0046	
Cadmium	mg/L	0.00086		0.0012		0.00040	J, D	<0.00050	U, D	0.0010		0.00086	
Calcium	mg/L	24		25		23	D	22		24		27.1	
Chloride	mg/L	58		51		62		48		61	D	55.9	
Chromium	mg/L	<0.0025		0.0029		0.0023	J, D	<0.0025	U, D	0.0014	J	<0.0025	D3
Cobalt	mg/L	0.11		0.086		0.16	D	0.13	D	0.15		0.13	
COD, Total	mg/L	<10		47		<10	U	7.5	J	<10	U	18.2	
Conductivity	umhos/cm	520		640	H1	720		480		720		764	
Copper	mg/L	0.0042		0.0033		0.0024	D	<0.0020	U, D	0.0053		0.0062	
Hardness (as CaCO3)	mg/L	150		120		200		150		210		213	
Iron	mg/L	7.4		12		3.5	D	8.5		1.1		9.7	
Lead	mg/L	<0.0020		0.0030		0.00048	J, D	<0.0020	U, D	0.0011		0.0032	
Magnesium	mg/L	21		15		35	D	22		36		32	
Manganese	mg/L	0.52		0.36		0.64	D	0.44	D	0.54		0.612	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	0.0052	
Nickel	mg/L	0.15		0.12		0.26	D	0.17	D	0.26		0.22	
Nitrogen, Nitrate	mg/L	0.31		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	0.31		<0.05		<0.050	U	0.042	J	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		0.013		0.0067	J	<0.012	U	<0.012	U	<0.010	
pH	pH Units	4.42		4.50		4.76		4.40		4.31		5.3	
Potassium	mg/L	2.7	B2	3.2	B2	1.1	D	2.4	B	1.4		1.8	
Selenium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00072	J	<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.0018	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	50		42		50	D	45		54	D	51.2	
Sulfate as SO4	mg/L	210	D	170	D	220	D	310	D	260	D		
Thallium	mg/L	0.0023		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	450		270		450	D	430	D	420	D		
Turbidity	NTU	2.2		43		4.8		2.4		2.9	H1	21.6	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	<0.0050	U	0.0022	
Zinc	mg/L	0.30		0.34		0.27	D	0.31	D	0.34		0.323	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-13 (-26)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/23/2010		6/17/2010		3/22/2011		3/20/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	20		<1.0		70		7.5		<1.0	U	<1.0	
Ammonia (N)	mg/L	4.6		2.7		6.6	D	3.4		7.4	D	8.9	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00047	J	<0.0025	D3
Arsenic	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0020	U	<0.0025	D3
Barium	mg/L	0.13		0.091		0.071	D	0.070	D	0.062		0.0376	
Beryllium	mg/L	<0.0025		<0.0050		<0.0025	U, D	<0.0025	U, D	0.00036	J	<0.0010	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	85		32		67	D	50	D	48	D	86.6	
Chloride	mg/L	160	D	90	D	87		130	D	140	D	141	
Chromium	mg/L	<0.0025		<0.0025		0.0025	D	<0.0025	U, D	0.0014	J	<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
COD, Total	mg/L	120		290	D	200	D	180	D	160	D	864	
Conductivity	umhos/cm	1300		2900	H1	1800		2200		1700		4300	
Copper	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	0.0015		<0.0025	D3
Hardness (as CaCO3)	mg/L	310		230		400		390		410		749	
Iron	mg/L	230		390		610	D	640	D	690	D, B	1140	
Lead	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Magnesium	mg/L	24		36		56	D	65	D	69	D	123	
Manganese	mg/L	11		32		60	D	66	D	71	D	128	
Mercury	mg/L	<0.00020		<0.00020		0.000045	J	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.0074		<0.0050		0.00097	J, D	<0.0050	U, D	0.0073		<0.0025	D3
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		<0.050	U	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		<0.0050		0.0064	J	<0.012	U	<0.012	U	0.02	
pH	pH Units	6.77		6.20		5.64		6.30		6.37		5.4	
Potassium	mg/L	26	B2	1.9	B2	2.7	D	2.0	D, B	1.8	D	2.44	
Selenium	mg/L	<0.0050		<0.0050		0.0021	J, D	0.0021	J, D	0.0017	J	<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.00086	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	53		31		62	J, D	33	D	34	D	38.7	
Sulfate as SO4	mg/L	1400	D	880	D	1600	D	1800	D	1500	D		
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	2600		1600		1700	D	2000	D	2600	D		
Turbidity	NTU	180		110		32		48		110		115	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	<0.0050	U	<0.00050	
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.0013	J	<0.0250	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-13 (+1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/25/2010		6/16/2010		3/22/2011		3/20/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	170		32		230	D	180	D	250	D	224	
Ammonia (N)	mg/L	0.14		0.46		0.16		0.17		0.096	J	<0.10	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00072	J	<0.0025	D3
Arsenic	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0020	U	<0.0025	D3
Barium	mg/L	0.040		0.021		0.027	D	0.058	D	0.026		0.029	
Beryllium	mg/L	<0.0025		<0.0050		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	110		85		93	D	70		74		69.4	
Chloride	mg/L	2.5		77		22		29		17		7.3	
Chromium	mg/L	<0.0025		<0.0025		<0.0025	U, D	<0.0025	U, D	0.0018	J	<0.0025	D3
Cobalt	mg/L	0.031		0.18		0.0054	D	0.0033	J, D	0.00067	J	<0.0025	D3
COD, Total	mg/L	<10		86		13		7.8	J	<10	U	11.7	
Conductivity	umhos/cm	930		2000	H1	830		590		850		609	
Copper	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	0.0015		<0.0025	D3
Hardness (as CaCO3)	mg/L	400		510		290		230		240		231	
Iron	mg/L	25		160		2.7	D	0.91		0.12	B1, B	0.544	
Lead	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Magnesium	mg/L	30		72		14	D	14		13		11.4	
Manganese	mg/L	1.5		5.7		0.50	D	0.25	D	0.018		0.13	
Mercury	mg/L	<0.00020		<0.00020		0.000033	J	0.000039	J	<0.00020	U	<0.00020	
Nickel	mg/L	0.035		0.22		0.0075	D	0.0067	D	0.0041	J	<0.0025	D3
Nitrogen, Nitrate	mg/L	<0.050		<0.05		0.13		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.14		<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		<0.0050		0.0088	J	0.0024	J	<0.012	U	<0.010	
pH	pH Units	5.93		5.40		6.15		6.20		6.40		6.8	
Potassium	mg/L	25	B2	34	B2	12	D	18	B	7.6		8.42	
Selenium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00051	J	<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.00080	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	47		66		65	D	44		83		36.5	
Sulfate as SO4	mg/L	330	D	850	D	120	D	170	D	200	D		
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	750		1300		540	D	480	D	520	D		
Turbidity	NTU	4.2		6.0		5.4		5.4		3.4		4	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	0.0017	J	0.00066	
Zinc	mg/L	0.047		0.30		<0.020	U, D	<0.020	U, D	0.0033	J	<0.025	D3

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-14 (-33)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/12/2009		3/23/2010		6/4/2010		3/22/2011		3/20/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	50		72		100		48		32		59.6	
Ammonia (N)	mg/L	4.0		4.7		4.3		4.1		0.12		4.4	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.0019	J	<0.00050	
Arsenic	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00090	J	0.0013	
Barium	mg/L	0.088		0.061		0.059	D	0.086	D	0.073		0.0778	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	0.00021	J	0.0011	
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.000080	
Calcium	mg/L	13		5.1		6.5		17		11		12	
Chloride	mg/L	50	D	25		15		19		20		18.8	
Chromium	mg/L	<0.0025		<0.0025		<0.0025	U, D	<0.0025	U, D	0.0011	J	0.001	
Cobalt	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.00050	
COD, Total	mg/L	<10		66		19		10		24		42.1	
Conductivity	umhos/cm	210		NA		240		340		290		267	
Copper	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	
Hardness (as CaCO3)	mg/L	48		28		31		58		46		55.3	
Iron	mg/L	22		52		55		13		53	B	50	
Lead	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.0010	
Magnesium	mg/L	3.7		3.6		3.7		3.9		4.4		4.27	
Manganese	mg/L	1.8		1.6		2.2	D	1.6	D	2.5	D	2.69	
Mercury	mg/L	<0.00020		<0.00020		0.000031	J	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	0.00082	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		0.22		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.23		<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		NA		0.0054	J	<0.012	U	<0.012	U	<0.010	
pH	pH Units	6.26		6.50		6.86		6.80		6.59		6.4	
Potassium	mg/L	2.1	B2	0.94		1.1		1.4	B	1.2		1.1	
Selenium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	0.0026	
Silver	mg/L	<0.0020		<0.0020		0.00082	J, D, B	<0.0020	U, D	<0.0010	U	<0.00050	
Sodium	mg/L	9.3		8.7		8.3		8.7		8.7		8.48	
Sulfate as SO4	mg/L	32	D	320	D	35	D	27	D	42	D		
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	160		460		110	D	180	D	220	D		
Turbidity	NTU	94		33		80		36		140		112	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	0.00061	J	0.001	
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.0032	J	<0.005	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	EPA Method	Well GL-14 (+1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/23/2010		6/4/2010		3/22/2011		3/20/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	40		22		30		40		12		13.4	
Ammonia (N)	mg/L	0.16		1.2		2.0		0.31		0.28		<0.10	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00084	J	<0.00050	
Arsenic	mg/L	<0.0050		0.0050		<0.0050	U, D	<0.0050	U, D	<0.0020	U	<0.00050	
Barium	mg/L	0.022		0.033		0.022	D	0.024	D	0.019		0.0132	
Beryllium	mg/L	<0.0025		<0.0050		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0002	
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00008	
Calcium	mg/L	15		12		13		13		13		10.8	
Chloride	mg/L	10		9.0		5.0		6.0		8.0		5.6	
Chromium	mg/L	<0.0025		0.0058		<0.0025	U, D	<0.0025	U, D	0.0019	J	<0.00050	
Cobalt	mg/L	<0.0050		0.0052		0.0035	J, D	0.0022	J, D	0.0019	J	0.00092	
COD, Total	mg/L	<10		34		8.1	J	<10	U	<10	U	<10	
Conductivity	umhos/cm	140		190	H1	160		340		130		131	
Copper	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	
Hardness (as CaCO3)	mg/L	46		40		43		44		42		43.4	
Iron	mg/L	5.2		17		4.2		4.7		3.5	B	1.77	
Lead	mg/L	<0.0020		0.0028		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00010	
Magnesium	mg/L	2.3		2.6		2.5		2.5		2.4		1.96	
Manganese	mg/L	0.16		0.30		0.22	D	0.17	D	0.14		0.0786	
Mercury	mg/L	<0.00020		<0.00020		0.000036	J	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	<0.0050		0.0052		0.0033	J, D	0.0050	D	0.0020	J	0.0012	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.0094	J	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		0.054		0.0058	J	<0.012	U	<0.012	U	<0.010	
pH	pH Units	5.28		6.00		5.39		5.50		5.40		6.1	
Potassium	mg/L	1.3	B2	1.5	B2	0.93		1.1	B	0.80		0.792	
Selenium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00054	J	<0.00050	
Silver	mg/L	<0.0020		<0.0020		0.00082	J, D, B	<0.0020	U, D	<0.0010	U	<0.00050	
Sodium	mg/L	4.2		5.5		5.5		5.2		4.5		3.67	
Sulfate as SO4	mg/L	43	D	43	D	42	D	37	D	33	D		
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	100		230		150	D	220	D	64	D		
Turbidity	NTU	4.5		55		6.5		1.6		6.0		6.8	
Vanadium	mg/L	<0.0050		0.0055		<0.0050	U, D	<0.0050	U	<0.0050	U	0.00014	
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.0054		<0.005	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-15 (-36)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/6/2009		10/26/2009		3/15/2010		6/1/2010		4/4/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	970		150		1000	D	450	D	840	D	864	
Ammonia (N)	mg/L	3.1		3.9		3.9		3.7		0.39		<0.10	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.0018	J	<0.0025	D3
Arsenic	mg/L	<0.0050		0.019		<0.0050	U, D	0.0043	J, D	0.0061		0.0051	
Barium	mg/L	0.27		0.077		1.2	D	0.85	D	0.017		0.021	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.001	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	0.00076		<0.00040	D3
Calcium	mg/L	33		79		520	D	500	D	28	D	32.6	
Chloride	mg/L	12		99		<1.0	U	2200	D	31		31.7	
Chromium	mg/L	0.0026		<0.0025		0.014	D	0.0076	D	0.17		0.088	
Cobalt	mg/L	<0.0050		<0.0050		0.0028	J, D	<0.0050	U, D	0.0018	J	<0.0025	D3
COD, Total	mg/L	11		33		23		13		5.3	J	31.2	
Conductivity	umhos/cm	6600		14000		7800		8900		2000		2580	
Copper	mg/L	0.0052		<0.0020		0.0068	D	0.0033	D	0.0081		0.0083	
Hardness (as CaCO3)	mg/L	1300		1100		1300		1200		1300		1450	
Iron	mg/L	0.18		30		<0.50	U, D	0.53	D	0.044	Z10	<0.25	D3
Lead	mg/L	<0.0020		<0.0020		0.00054	J, D	<0.0020	U, D	0.0018		0.0025	
Magnesium	mg/L	300		220		<1.0	U, D	<0.10	U, D	300	D	315	
Manganese	mg/L	0.039		0.55		<0.0050	U, D	0.0035	J, D	0.0069		0.005	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	<0.0050		0.0054		0.019	D	0.018	D	0.0043	J	0.0033	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		2.0		4	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		<0.050	U	<0.050	U	2.1			
Nitrogen, Nitrite	mg/L	0.016		NA		0.034		0.045		0.074		0.11	
pH	pH Units	12.0		11.2		12.5		11.9		8.61		8.1	
Potassium	mg/L	78	B2	63		75	D	72	D, B	82		95	
Selenium	mg/L	0.0070		0.034		0.0078	D	0.0075	D	0.032		0.029	
Silver	mg/L	<0.0020		<0.0020		0.00064	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	29		2100		420	D	500	D	31		32.4	
Sulfate as SO4	mg/L	91	D	240	D	140	D	69	D	460	D	29.7	
Thallium	mg/L	0.0023		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	2700		6800		2400	D	2000	D	1400	D	1630	
Turbidity	NTU	2.0		78		0.86		2.0		0.20		0.26	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	0.00054	J	<0.0050	U	0.0024	D3
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.047		0.063	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-15 (-6)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/6/2009		10/26/2009		3/15/2010		6/1/2010		4/4/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	720		22		660	D	910	D	850	D	400	
Ammonia (N)	mg/L	0.21		0.16		0.48		0.78		2.1		2	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	0.0097		0.0050		0.0057	D	0.0078	D	0.0026		<0.0025	D3
Barium	mg/L	1.1		0.072		0.018	D	0.024	D	0.57		0.38	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	250		25		26	D	38	D	480	D	295	
Chloride	mg/L	2.0		98	D	28		36		1100	D	1380	
Chromium	mg/L	0.0066		0.020		0.31	D	0.15	D	0.014		0.012	
Cobalt	mg/L	<0.0050		0.12		0.0013	J, D	<0.0050	U, D	0.0025	J	<0.0025	D3
COD, Total	mg/L	<10		13		27		<10	U	<10	U	83.4	
Conductivity	umhos/cm	2000		1400		2200		3300		6600		5660	
Copper	mg/L	0.015		0.0095		0.010	D	0.0048	D	0.0038		0.0027	
Hardness (as CaCO3)	mg/L	910		250		1300		1500		1200		705	
Iron	mg/L	7.7		40		2.5	D	0.15	D	<0.0050	B5, U	<0.25	D3
Lead	mg/L	<0.0020		0.0046		0.022	D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Magnesium	mg/L	70		46		290	D	330	D	0.082	J, D	0.16	
Manganese	mg/L	0.15		1.1		0.045	D	0.014	D	<0.0010	U	<0.0025	D3
Mercury	mg/L	<0.00020		<0.00020		0.000066	J	0.000028	J	<0.00020	U	<0.00020	
Nickel	mg/L	0.011		0.16		0.0041	J, D	0.0043	J, D	0.017		0.0029	
Nitrogen, Nitrate	mg/L	0.64		<0.05		1.3		<0.050		<0.050		0.18	
Nitrogen, Nitrate-Nitrite	mg/L	1.0		<0.05		1.3		0.040	J	0.058			
Nitrogen, Nitrite	mg/L	0.41		NA		0.0057	J	0.0043	J	0.095		0.13	
pH	pH Units	8.17		7.50		8.11		8.30		12.3		11.8	
Potassium	mg/L	94	B2	1.4		76	D	98	D, B	67		49.8	
Selenium	mg/L	0.024		<0.0050		0.036	D	0.023	D	0.0077		<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.0021	Z10, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	910		81		28	D	40	D	470	D	548	
Sulfate as SO4	mg/L	270	D	250	D	410	D	660	D	48	D	78.4	
Thallium	mg/L	0.0024		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	1500		880		1400	D	1500	D	2800	D	2430	
Turbidity	NTU	0.17		42		12		0.47		0.34		0.61	0.61
Vanadium	mg/L	<0.0050		0.023		<0.0050	U, D	0.00090	J	0.0019	J	<0.00050	D3
Zinc	mg/L	<0.020		0.24		0.17	D	0.045	D	0.0016	J	<0.025	D3

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	EPA Method	Well GL-16 (-32)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/16/2009		3/16/2010		6/2/2010		4/1/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	980		140		980	D	110	D	30		126	
Ammonia (N)	mg/L	4.4		3.7		5.4	D	4.1		4.0		3.3	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	0.014		0.022		0.0033	J, D	0.0042	J, D	0.018		0.0075	
Barium	mg/L	0.53		0.074		5.7	D	2.4	D	0.097		0.22	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	160		76		840	D	850	D	95	D	151	
Chloride	mg/L	12		99		2300	D	3900	D	3000	D	4690	
Chromium	mg/L	0.0032		<0.0025		0.0063	D	0.010	D	0.0015	J	<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		0.0028	J, D	<0.0050	U, D	0.0015	J	<0.0025	D3
COD, Total	mg/L	14		60		56		4.5	J	11		181	
Conductivity	umhos/cm	11000		13000		9600		11000		8800		13600	
Copper	mg/L	0.020		0.018		0.011	D	0.0060	D	0.0020		<0.0025	D3
Hardness (as CaCO3)	mg/L	880		1000		2100		2100		1200		1270	
Iron	mg/L	0.68		36		<0.50	U, D	0.51	D	22	B4	16.2	
Lead	mg/L	<0.0020		<0.0020		0.029	D	0.0010	J, D	<0.0010	U	<0.00050	D3
Magnesium	mg/L	120		210		<1.0	U, D	<0.10	U, D	240	D	228	
Manganese	mg/L	0.050		0.55		<0.0050	U, D	0.0072	D	0.51		0.40	
Mercury	mg/L	<0.00020		0.00048		0.00061		<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.010		<0.0050		0.036	D	0.034	D	0.0062		0.0047	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.011	J	<0.050	U	0.043	J		
Nitrogen, Nitrite	mg/L	0.0057		NA		<0.012	U	0.0052	J	0.010	J	<0.010	
pH	pH Units	12.4		8.00		13.1		8.10		11.4		6.5	
Potassium	mg/L	120	B2	70		100	D	84	D, B	86		63	
Selenium	mg/L	0.040		0.041		0.0025	J, D	<0.0050	U, D	0.027		<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.00055	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	1600		2000		140	D	70	D	2200	D	2230	
Sulfate as SO4	mg/L	38	D	370	D	360	D	520	D	290	D	496	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	3100		5700		3900	D	3500	D	5200	D	7360	
Turbidity	NTU	1.2		40		0.81		92		360	D	2.2	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	0.00048	J	<0.0050	U	<0.00050	D3
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.0037	J	<0.025	D3

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-16 (-6)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/16/2009		3/16/2010		6/2/2010		4/1/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	<1.0		<1.0		<1.0	U	<1.0	U	<1.0	U	<1.0	
Ammonia (N)	mg/L	<0.10		0.28		0.17		0.64		32	D	<0.10	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	0.0064		<0.0050		0.0035	J, D	0.0028	J, D	0.0022		0.0046	
Barium	mg/L	0.028		0.019		0.017	D	0.017	D	0.014		0.019	
Beryllium	mg/L	0.0053		0.0030		0.00083	J, D	0.0025	D	0.0043		0.0058	
Cadmium	mg/L	0.0019		0.0014		0.0020	D	<0.00050	U, D	0.0012		0.0017	
Calcium	mg/L	19		17		19	D	18		20		23.9	
Chloride	mg/L	14		90	D	140	D	120	D	150	D	178	
Chromium	mg/L	0.0061		0.0032		<0.0025	U, D	<0.0025	U, D	0.0010	J	0.0027	
Cobalt	mg/L	0.27		0.25		0.27	D	0.27	D	0.24		0.27	
COD, Total	mg/L	27		84		59		32		33		63.8	
Conductivity	umhos/cm	1200		1600		1300		1200		1300		1550	
Copper	mg/L	0.0061		0.0053		0.020	D	<0.0020	U, D	0.0022		0.02	
Hardness (as CaCO3)	mg/L	360		330		340		340		360		388	
Iron	mg/L	21		18		19	D	16		16	B4	17.7	
Lead	mg/L	0.0051		0.0042		0.0080	D	0.00061	J, D	0.0021		0.0048	
Magnesium	mg/L	76		69		70	D	72		74		82.8	
Manganese	mg/L	0.59		0.53		0.57	D	0.50	D	0.57		0.68	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.38		0.36		0.38	D	0.38	D	0.34		0.4	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		0.080		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		0.080		<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		NA		<0.012	U	<0.012	U	<0.012	U	<0.010	
pH	pH Units	4.23		4.20		4.49		4.50		4.27		4.2	
Potassium	mg/L	1.4	B2	1.1		1.0	D	0.89	B	0.95		1.1	
Selenium	mg/L	0.012		0.0054		0.0049	J, D	0.0041	J, D	0.0030	J	0.0068	
Silver	mg/L	<0.0020		<0.0020		0.00057	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	120		120		110	D	110	D	120	D	126	
Sulfate as SO4	mg/L	410	D	240	D	270	D	420	D	360	D	474	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	970		770		930	D	920	D	970	D	1010	
Turbidity	NTU	13		9.3		9.7		5.0		0.89		9.5	
Vanadium	mg/L	0.0058		<0.0050		<0.0050	U, D	<0.0050	U	<0.0050	U	0.0039	
Zinc	mg/L	0.70		0.75		0.76	D	0.64	D	0.62		0.75	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	EPA Method	Well GL-17 (-31)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/22/2009		3/19/2010		6/7/2010		3/31/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	280		390		390	D	400	D	380	Z10a, D	414	
Ammonia (N)	mg/L	50	D	19	D	19	D	17	D	17	D	46.3	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	0.018		0.020		0.014	D	0.015	D	0.016		0.0083	
Barium	mg/L	0.014		0.11		0.11	D	0.10	D	0.10		0.13	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	0.0010		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	320		99		110	D	95	D	100	D	112	
Chloride	mg/L	4.5		33		1700	D	1500	D	2200	D	2500	
Chromium	mg/L	<0.0025		0.0035		0.0053	D	<0.0025	U, D	0.0016	J	<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		0.0024	J, D	<0.0050	U, D	0.0024	J	<0.0025	D3
COD, Total	mg/L	270	D	270	D	210	D	130	D	160	D	310	
Conductivity	umhos/cm	3300		7900		6700		22000		6600		7530	
Copper	mg/L	0.0049		<0.0020		0.0085	D	0.0039	D	0.0011		<0.0025	D3
Hardness (as CaCO3)	mg/L	810		640		630		550		600		652	
Iron	mg/L	0.23		1.7		0.17	J, D	0.76	D	0.080	Z10	1.0	
Lead	mg/L	0.0025		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	0.0019	
Magnesium	mg/L	<0.010		95		85	D	76	D	85	D	87.9	
Manganese	mg/L	0.0089		0.30		0.22	D	0.16	D	0.17		0.29	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.043		0.0070		0.0046	J, D	0.0036	J, D	0.0063		0.005	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		<0.050	U	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		NA		0.0016	J	0.0048	J	<0.012	U	<0.010	
pH	pH Units	10.7		7.20		7.40		7.80		8.21		8	
Potassium	mg/L	220	B2	54		56	D	54	D, B	69		55.4	
Selenium	mg/L	0.015		0.033		0.016	D	0.012	D	0.024		<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.00094	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	280		1200		1100	D	1000	D	1200	D	1130	
Sulfate as SO4	mg/L	1100	D	400	D	410	D	450	D	360	D	304	
Thallium	mg/L	0.0023		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	2600		3900		3700	D	4000	D	3600	D	4030	
Turbidity	NTU	8.6		13		14		0.90		1.8		81.5	
Vanadium	mg/L	0.074		<0.0050		<0.0050	U, D	<0.0050	U	<0.0050	U	0.0021	D3
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.0042	J	<0.025	D3

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-17 (-1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/22/2009		3/19/2010		6/7/2010		3/31/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	340		240		260	D	280	D	310	Z10a	204	
Ammonia (N)	mg/L	12	D	0.76		51	D	66	D	62	D	161	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	0.016		0.021		0.012	D	0.013	D	0.014		0.016	
Barium	mg/L	0.11		0.024		0.0095	D	0.012	D	0.0090		0.01	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	<0.00050		0.0025		0.0015	D	0.00068	D	0.0015		<0.00040	D3
Calcium	mg/L	88		340		320	D	320	D	270	D	228	
Chloride	mg/L	10		290	D	270	D	260	D	240	D	121	
Chromium	mg/L	0.0026		0.016		0.0045	D	<0.0025	U, D	<0.0020	U	<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		0.00051	J, D	<0.0050	U, D	0.00069	J	<0.0025	D3
COD, Total	mg/L	85		290	D	210	D	230	D	180	D	460	
Conductivity	umhos/cm	6000		3700		3100		10000		2900		3010	
Copper	mg/L	0.012		0.017		0.0049	D	<0.0020	U, D	0.0025		0.011	
Hardness (as CaCO3)	mg/L	590		840		800		800		680		556	
Iron	mg/L	1.9		12		1.0	D	0.28	D	0.024	Z10	0.65	
Lead	mg/L	<0.0020		0.049		0.0047	D	<0.0020	U, D	<0.0010	U	0.01	
Magnesium	mg/L	89		<0.010		<1.0	U, D	<0.10	U, D	0.26	D	1.7	
Manganese	mg/L	0.42		0.13		0.015	D	0.0043	J, D	0.00095	J	0.031	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.0062		0.054		0.041	D	0.039	D	0.033		0.032	
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		<0.050	U	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		NA		0.0044	J	0.0039	J	<0.012	U	<0.010	
pH	pH Units	7.70		10.0		9.73		10.5		10.6		10	
Potassium	mg/L	66	B2	200		220	D	210	D, B	200	D	191	
Selenium	mg/L	0.029		0.0094		0.0065	D	0.0049	J, D	0.0073		<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.0011	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	1000		280		270	D	260	D	240	D	233	
Sulfate as SO4	mg/L	220	D	1000	D	1600	D	970	D	930	D	970	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	0.00041	J	<0.00050	D3
Total Dissolved Solids	mg/L	3400		2400		2200	D	2100	D	2000	D	1950	
Turbidity	NTU	11		68		14		1.9		1.2		43.7	
Vanadium	mg/L	<0.0050		0.12		0.079	D	0.070		0.087		0.039	
Zinc	mg/L	<0.020		0.25		0.032	D	<0.020	U, D	0.0037	J	0.029	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results
Well GL-18 (-33)

Chemical Analyte	EPA Method	Well GL-18 (-33)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/1/2009		3/18/2010		6/7/2010		3/28/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	16		80		120	D	<1.0	U	61	Z10a	<1.0	
Ammonia (N)	mg/L	3.9		3.2		2.8		4.3		3.9		3.4	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	0.0080		0.0071		0.0068	D	0.0034	J, D	0.0052		0.0039	
Barium	mg/L	0.68		0.93		0.96	D	0.78	D	0.85		0.93	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	0.00047	
Calcium	mg/L	110		85		94	D	93	D	81	D	77.7	
Chloride	mg/L	2600	D	2100	D	1600	D	1500	D	3500	D	1940	
Chromium	mg/L	<0.0025		<0.0025		0.0020	J, D	<0.0025	U, D	<0.0020	U	<0.0025	D3
Cobalt	mg/L	0.039		0.030		0.025	D	0.025	D	0.016		0.021	
COD, Total	mg/L	19		41		27		23		51		140	
Conductivity	umhos/cm	5400		5300	Z10c	5900		18000		5500		6830	
Copper	mg/L	0.0080		0.017		0.0046	D	<0.0020	U, D	0.00038	J	<0.0025	D3
Hardness (as CaCO3)	mg/L	830		700		700		710		640		631	
Iron	mg/L	230		310		330	D	200	D	300	D	301	
Lead	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	0.00086	
Magnesium	mg/L	130		120		110	D	120	D	110	D	104	
Manganese	mg/L	18		14		13	D	13	D	11	D	9.7	
Mercury	mg/L	<0.00020		<0.00020		0.000032	J	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.025		0.012		0.0063	D	0.011	D	0.0083		0.0071	
Nitrogen, Nitrate	mg/L	<0.050		0.14		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		0.14		<0.050	U	0.0064	J	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		<0.012		0.0025	J	0.0027	J	0.0065	J	<0.010	
pH	pH Units	4.75		5.40	Z10b	9.24		9.40		6.50		2.4	
Potassium	mg/L	26	B2	9.5		7.2	D	11	D, B	6.9	D	6.3	
Selenium	mg/L	0.026		0.030		0.013	D	0.0093	D	0.021		<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.0010	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	620		670		620	D	640	D	630	D	588	
Sulfate as SO4	mg/L	170	D	140	D	170	D	33	D	44	D	22.5	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	3700		2600		2600	D	2100	D	3100	D	2790	
Turbidity	NTU	12		200		22		4.1		390	D	0.34	
Vanadium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U	<0.0050	U	<0.00050	D3
Zinc	mg/L	0.072		<0.020		<0.020	U, D	0.022	D	0.0071		<0.025	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

**Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results**

Chemical Analyte	EPA Method	Well GL-18 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/1/2009		3/18/2010		6/7/2010		3/28/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	100		210		180	D	200	D	200	Z10a, D	200	
Ammonia (N)	mg/L	22	D	33	D	27	D	26	D	30	D	85	
Antimony	mg/L	<0.0050		<0.0050		0.0040	J, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	0.0068		0.011		0.0082	D	0.0094	D	0.0090		0.0087	
Barium	mg/L	0.023		0.034		0.024	D	0.030	D	0.027		0.026	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	<0.00050	U	<0.00040	D3
Calcium	mg/L	230		340		300	D	310	D	310	D	264	
Chloride	mg/L	95		240	D	180	D	220	D	220	D	354	
Chromium	mg/L	<0.0025		0.0046		0.0032	D	<0.0025	U, D	<0.0020	U	<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		0.00051	J, D	<0.0050	U, D	0.00072	J	<0.0025	D3
COD, Total	mg/L	140		170	D	190	D	200	D	160	D	262	
Conductivity	umhos/cm	2300		2000	Z10a	2300		7800		2300		2470	
Copper	mg/L	<0.0020		0.0051		<0.0020	U, D	<0.0020	U, D	0.0016		<0.0025	D3
Hardness (as CaCO3)	mg/L	590		860		750		760		790		655	
Iron	mg/L	0.057		1.0		0.66	D	0.33	D	0.20	D	0.3	
Lead	mg/L	<0.0020		0.0050		0.0018	J, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Magnesium	mg/L	<0.010		<0.010		<0.10	U, D	<0.10	U, D	0.045	J, D	0.047	
Manganese	mg/L	<0.0050		0.038		0.015	D	<0.0050	U, D	0.00022	J	0.0035	
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.014		0.028		0.016	D	0.019	D	0.024		0.017	
Nitrogen, Nitrate	mg/L	<0.050		<0.050		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.050		<0.050	U	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		<0.012		0.0059	J	0.0026	J	<0.012	U	<0.010	
pH	pH Units	10.7		10.5	Z10	11.1		10.9		11.0		10.8	
Potassium	mg/L	83	B2	130		100	D	110	D, B	110	D	109	
Selenium	mg/L	0.0091		0.012		0.0046	J, D	0.0062	D	0.0095		0.0025	
Silver	mg/L	<0.0020		<0.0020		0.0012	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	94		140		110	D	130	D	140	D	146	
Sulfate as SO4	mg/L	550	D	1100	D	940	D	930	D	900	D	1400	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	1000		1800		1600	D	1200	D	1700	D	1700	
Turbidity	NTU	0.22		2.1		1.1		0.87		0.61		1.2	
Vanadium	mg/L	0.015		0.023		0.021	D	0.021		0.020		0.022	
Zinc	mg/L	<0.020		0.078		0.025	D	<0.020	U, D	0.0054		<0.025	D3

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-19											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/13/2009		10/26/2009		3/1/2010		6/18/2010		4/1/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	70		<1.0		NS		90		NS		200	
Ammonia (N)	mg/L	0.26		0.16		NS		7.9	D	NS		3.5	
Antimony	mg/L	<0.0050		<0.0050		NS		<0.0050	U, D	NS		<0.0025	D3
Arsenic	mg/L	<0.0050		<0.0050		NS		0.0040	J, D	NS		0.0032	
Barium	mg/L	0.022		0.025		NS		0.017	D	NS		0.018	
Beryllium	mg/L	<0.0025		0.0034		NS		<0.0025	U, D	NS		<0.0010	D3
Cadmium	mg/L	<0.00050		0.0012		NS		<0.00050	U, D	NS		<0.00040	D3
Calcium	mg/L	380		19		NS		320	D	NS		326	
Chloride	mg/L	56		3600	D	NS		56		NS		73.4	
Chromium	mg/L	<0.0025		0.0040		NS		<0.0025	U, D	NS		<0.0025	D3
Cobalt	mg/L	<0.0050		0.24		NS		<0.0050	U, D	NS		<0.0025	D3
COD, Total	mg/L	<10		57		NS		35		NS		24.7	
Conductivity	umhos/cm	1800		1700		NS		1200		NS		2040	
Copper	mg/L	<0.0020		0.0026		NS		<0.0020	U, D	NS		<0.0025	D3
Hardness (as CaCO3)	mg/L	940		350		NS		800		NS		791	
Iron	mg/L	<0.0050		20		NS		0.066	D	NS		<0.25	D3
Lead	mg/L	<0.0020		0.0024		NS		0.0016	J, D	NS		0.0026	
Magnesium	mg/L	<0.010		75		NS		<0.10	U, D	NS		0.077	
Manganese	mg/L	<0.0050		0.57		NS		0.0030	J, D	NS		<0.0025	D3
Mercury	mg/L	<0.00020		<0.00020		NS		<0.00020	U	NS		<0.00020	
Nickel	mg/L	0.012		0.34		NS		0.0069	D	NS		<0.0025	D3
Nitrogen, Nitrate	mg/L	<0.050		<0.05		NS		<0.050		NS		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		NS		<0.050	U	NS			
Nitrogen, Nitrite	mg/L	0.17		NA		NS		0.0019	J	NS		.010	
pH	pH Units	10.8		10.7		NS		11.0		NS		10.8	
Potassium	mg/L	42	B2	0.96		NS		50	D, B	NS		50.0	
Selenium	mg/L	0.0077		0.0054		NS		<0.0050	U, D	NS		0.0046	
Silver	mg/L	<0.0020		<0.0020		NS		<0.0020	U, D	NS		<0.0025	D3
Sodium	mg/L	50		110		NS		52	D	NS		56	
Sulfate as SO4	mg/L	1600	D	260	D	NS		900	D	NS		47	
Thallium	mg/L	<0.0020		<0.0020		NS		<0.0020	U, D	NS		<0.00050	D3
Total Dissolved Solids	mg/L	1600		1300		NS		970	D	NS		1460	
Turbidity	NTU	0.29		8.5		NS		1.4		NS		0.31	
Vanadium	mg/L	0.042		<0.0050		NS		0.093		NS		0.037	
Zinc	mg/L	<0.020		0.67		NS		<0.020	U, D	NS		<0.025	D3

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-20 (-5)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/16/2009		3/17/2010		6/17/2010		4/6/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	84		80		50		84		75	D	106	
Ammonia (N)	mg/L	5.6	D	7.3	D	3.8		7.1	D	7.0	D	4.6	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	<0.0050	U	<0.0025	D3
Arsenic	mg/L	<0.0050		<0.0050		<0.0050	U, D	0.0024	J, D	0.0020		<0.0025	D3
Barium	mg/L	0.034		0.036		0.037	D	0.045	D	0.028		0.063	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	<0.00050		<0.00050		<0.00050	U, D	<0.00050	U, D	0.00077		<0.00040	D3
Calcium	mg/L	13		13		11	D	21		12		8.6	
Chloride	mg/L	59		78		45		70		45	D	39	
Chromium	mg/L	<0.0025		<0.0025		0.0032	D	<0.0025	U, D	0.00088	J	<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00027	J	<0.0025	D3
COD, Total	mg/L	<10		110		36		53		61		50.8	
Conductivity	umhos/cm	690		800		480		640		600		525	
Copper	mg/L	0.0029		<0.0020		<0.0020	U, D	<0.0020	U, D	0.0015		<0.0025	D3
Hardness (as CaCO3)	mg/L	33		35		48		54		32		60.4	
Iron	mg/L	0.050		0.057		0.081	D	0.062		0.028		<0.25	D3
Lead	mg/L	0.0043		0.0047		0.0011	J, D	<0.0020	U, D	0.0035		0.0023	
Magnesium	mg/L	0.31		0.45		5.2	D	0.23		0.79		9.2	
Manganese	mg/L	0.0081		0.0050		0.0039	J, D	0.019	D	0.00071	J	0.0082	
Mercury	mg/L	<0.00020		<0.00020		0.000031	J	<0.00020	U	0.00015	J	<0.00020	
Nickel	mg/L	<0.0050		<0.0050		0.0015	J, D	0.0017	J, D	0.0026	J	<0.0025	D3
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		<0.060	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		<0.050	U	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		0.0060	B1	0.0071	J	0.0034	J	<0.012	U	<0.010	
pH	pH Units	10.4		10.4		10.3		10.5		10.3		9.4	
Potassium	mg/L	53	B2	54		39	D	54	B	46	B4	32.0	
Selenium	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00086	J	<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.0011	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	92		90		68	D	88		82	D	49.3	
Sulfate as SO4	mg/L	140	D	140	D	130	D	160	D	1100	D	48.8	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	530		490		340	D	530	D	480	D	288	
Turbidity	NTU	1.1		0.78		0.41		1.4		0.50		3.6	
Vanadium	mg/L	0.0099		0.0099		0.0044	J, D	0.0055		0.0068		0.0063	
Zinc	mg/L	<0.020		<0.020		<0.020	U, D	<0.020	U, D	0.0061		0.029	

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Inorganic Compounds - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well TS-01 (-7)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/26/2009		3/15/2010		6/3/2010		3/31/2011		3/21/2013	
		Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier
Alkalinity	mg CaCO3/L	320		320		20		390	D	360	D	400	
Ammonia (N)	mg/L	19	D	20	D	28	D	40	D	23	D	56.6	
Antimony	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00065	J	<0.0025	D3
Arsenic	mg/L	0.022		0.019		0.017	D	0.016	D	0.020		0.0045	
Barium	mg/L	0.033		0.033		0.027	D	0.028	D	0.025		0.024	
Beryllium	mg/L	<0.0025		<0.0010		<0.0025	U, D	<0.0025	U, D	<0.0010	U	<0.0010	D3
Cadmium	mg/L	0.00068		0.0015		0.0013	D	0.00038	J, D	0.0021		<0.00040	D3
Calcium	mg/L	660		600		610	D	580	D	590	D	541	
Chloride	mg/L	51		1600	D	2700	D	2300	D	3700	D	2460	
Chromium	mg/L	<0.0025		0.0037		0.0027	D	<0.0025	U, D	<0.0020	U	<0.0025	D3
Cobalt	mg/L	<0.0050		<0.0050		<0.0050	U, D	<0.0050	U, D	0.00084	J	<0.0025	D3
COD, Total	mg/L	97		130		140		85		120		190	
Conductivity	umhos/cm	3300		13000		11000		20000		1200		11100	
Copper	mg/L	0.019		0.0033		0.011	D	0.0093	D	0.0052		<0.0025	D3
Hardness (as CaCO3)	mg/L	1600		1500		1500		1500		1500		1240	
Iron	mg/L	<0.0050		1.0		<0.50	U, D	<0.50	U, D	<0.0050	B5, U	<0.25	D3
Lead	mg/L	0.0022		0.0085		0.0016	J, D	<0.0020	U, D	<0.0010	U	<0.00050	
Magnesium	mg/L	<0.010		<0.010		<1.0	U, D	<1.0	U, D	0.070	J, D	0.091	
Manganese	mg/L	0.010		0.014		0.0042	J, D	<0.0050	U, D	0.00080	J	<0.0025	D3
Mercury	mg/L	<0.00020		<0.00020		<0.00020	U	<0.00020	U	<0.00020	U	<0.00020	
Nickel	mg/L	0.020		0.023		0.016	D	0.014	D	0.016		<0.0025	D3
Nitrogen, Nitrate	mg/L	<0.050		<0.05		<0.050		<0.050		<0.050		0.074	
Nitrogen, Nitrate-Nitrite	mg/L	<0.050		<0.05		<0.050	U	<0.050	U	<0.050	U		
Nitrogen, Nitrite	mg/L	<0.0050		NA		<0.012	U	<0.012	U	<0.012	U	<0.010	
pH	pH Units	10.6		11.1		11.8		11.0		11.4		11.6	
Potassium	mg/L	410	B2	440		580	D	520	D, B	580	D	540	
Selenium	mg/L	0.051		0.042		0.040	D	0.028	D	0.045		<0.0025	D3
Silver	mg/L	<0.0020		<0.0020		0.00064	J, D, B	<0.0020	U, D	<0.0010	U	<0.0025	D3
Sodium	mg/L	1500		1600		1800	D	1800	D	1700	D	1630	
Sulfate as SO4	mg/L	2100	D	1700	D	2400	D	2200	D	2900	D	2540	
Thallium	mg/L	<0.0020		<0.0020		<0.0020	U, D	<0.0020	U, D	<0.0010	U	<0.00050	D3
Total Dissolved Solids	mg/L	6600		7300		5800	D	6800	D	5900	D	7120	
Turbidity	NTU	0.32		2.4		2.8		1.3		0.21		0.19	
Vanadium	mg/L	0.055		0.068		0.060	D	0.052		0.050		0.051	
Zinc	mg/L	<0.020		0.044		0.035	D	<0.020	U, D	0.0069		<0.025	D3

Table Notes:

Data qualifiers and units are listed on the first page of this appendix

APPENDIX F

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-02 (-29)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/2/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
1,2-Dichlorobenzene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
1,3-Dichlorobenzene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
1,4-Dichlorobenzene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
2,4,5-Trichlorophenol	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
2,4,6-Trichlorophenol	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
2,4-Dichlorophenol	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
2,4-Dimethylphenol	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
2,4-Dinitrophenol	8270	<50	U	<10	U	<12	U, D	<10	U, D				
2,4-Dinitrotoluene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
2,6-Dinitrotoluene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
2-Chloronaphthalene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
2-Chlorophenol	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
2-Methylnaphthalene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
2-Methylphenol	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
2-Nitrophenol	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
3,3'-Dichlorobenzidine	8270	<20	U	<5.0	U	<5.8	U, D	<5.2	U, D				
4,6-Dinitro-2-methylphenol	8270	<50	U	<5.0	U	<5.8	U, D	<5.2	U, D				
4-Bromophenyl-phenylether	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
4-Chloro-3-methylphenol	8270	<20	U	<5.0	U	<5.8	U, D	<5.2	U, D				
4-Chlorophenyl-phenylether	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
4-Nitrophenol	8270	<50	U	<10	U	<12	U, D	<10	U, D				
Acenaphthene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Acenaphthylene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Acetophenone	8270	0.0	U	0.0	U								
Aniline	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Anthracene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Benz(a)anthracene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Benzo[a]pyrene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Benzo[b]fluoranthene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Benzo[g,h,i]perylene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Benzo[k]fluoranthene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Bis(2-Ethylhexyl)phthalate	8270	54	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Butylbenzylphthalate	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Chrysene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Dibenz[a,h]anthracene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Dibenzofuran	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Diethylphthalate	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Dimethylphthalate	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Di-n-butylphthalate	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Di-n-octylphthalate	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Fluoranthene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Fluorene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Hexachlorobenzene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				
Hexachlorobutadiene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D				

Hexachlorocyclopentadiene	8270	<10	V6, U	<10	U	<12	U, D	<10	U, D			
Hexachloroethane	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D			
Isophorone	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D			
Naphthalene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D			
Nitrobenzene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D			
N-Nitrosodimethylamine	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D			
Pentachloroethane	8270	<1.0	U	<5.0	U	<5.8	U, D	<5.2	U, D			
Pentachlorophenol	8270	<50	U	<10	U	<12	U, D	<10	U, D			
Phenanthrene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D			
Phenolics, Total Recoverable	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D			
Pyrene	8270	<10	U	<5.0	U	<5.8	U, D	<5.2	U, D			
Pyridine	8270	<20	U	<5.0	U	<5.8	U, D	<5.2	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-02 (-5)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/2/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
1,2-Dichlorobenzene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
1,3-Dichlorobenzene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
1,4-Dichlorobenzene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
2,4,5-Trichlorophenol	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
2,4,6-Trichlorophenol	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
2,4-Dichlorophenol	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
2,4-Dimethylphenol	8270	<10	U	<5.0	U	30	D	<5.3	U, D				
2,4-Dinitrophenol	8270	<50	U	<10	U	<12	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
2,6-Dinitrotoluene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
2-Chloronaphthalene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
2-Chlorophenol	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
2-Methylnaphthalene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
2-Methylphenol	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
2-Nitrophenol	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
3,3'-Dichlorobenzidine	8270	<20	U	<5.0	U	<6.0	U, D	<5.3	U, D				
4,6-Dinitro-2-methylphenol	8270	<50	U	<5.0	U	<6.0	U, D	<5.3	U, D				
4-Bromophenyl-phenylether	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
4-Chloro-3-methylphenol	8270	<20	U	<5.0	U	<6.0	U, D	<5.3	U, D				
4-Chlorophenyl-phenylether	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
4-Nitrophenol	8270	<50	U	<10	U	<12	U, D	<11	U, D				
Acenaphthene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Acenaphthylene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Acetophenone	8270	0.0	U	0.0	U								
Aniline	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Anthracene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Benz(a)anthracene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Benzo[a]pyrene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Benzo[b]fluoranthene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Benzo[g,h,i]perylene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Benzo[k]fluoranthene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Bis(2-Ethylhexyl)phthalate	8270	17		6.9		<6.0	U, D	<5.3	U, D				
Butylbenzylphthalate	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Chrysene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Dibenz[a,h]anthracene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Dibenzofuran	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Diethylphthalate	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Dimethylphthalate	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Di-n-butylphthalate	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Di-n-octylphthalate	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Fluoranthene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Fluorene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Hexachlorobenzene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Hexachlorobutadiene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Hexachlorocyclopentadiene	8270	<10	V6, U	<10	U	<12	U, D	<11	U, D				

Hexachloroethane	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Indeno[1,2,3-cd]pyrene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Isophorone	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Naphthalene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Nitrobenzene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
N-Nitrosodimethylamine	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Pentachloroethane	8270	<1.0	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Pentachlorophenol	8270	<50	U	<10	U	<12	U, D	<11	U, D				
Phenanthrene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Phenolics, Total Recoverable	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Pyrene	8270	<10	U	<5.0	U	<6.0	U, D	<5.3	U, D				
Pyridine	8270	<20	U	<5.0	U	<6.0	U, D	<5.3	U, D				

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-03 (-16)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/18/2010		6/3/2010		3/28/2011			
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
1,2-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
1,3-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
1,4-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
2,4,5-Trichlorophenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
2,4,6-Trichlorophenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
2,4-Dichlorophenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
2,4-Dimethylphenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<11	U, D	<11	U, D	<10	U		
2,4-Dinitrotoluene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
2,6-Dinitrotoluene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
2-Chloronaphthalene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
2-Chlorophenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
2-Methylnaphthalene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
2-Methylphenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
2-Nitrophenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
4-Bromophenyl-phenylether	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
4-Chloro-3-methylphenol	8270	<21	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
4-Nitrophenol	8270	<52	U, D	<11	U, D	<11	U, D	<11	U, D	<10	U		
Acenaphthene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Acenaphthylene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Anthracene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Benz(a)anthracene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Benzo[a]pyrene	8270	<10	U, D	<5.4	E3, U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Benzo[b]fluoranthene	8270	<10	U, D	<5.4	E3, U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Benzo[g,h,i]perylene	8270	<10	U, D	<5.4	E3, U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Benzo[k]fluoranthene	8270	<10	U, D	<5.4	E3, U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Bis(2-Ethylhexyl)phthalate	8270	<10	U, D	31	D	<5.3	U, D	<5.6	U, D	<5.0	U		
Butylbenzylphthalate	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Chrysene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Dibenz[a,h]anthracene	8270	<10	U, D	<5.4	E3, U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Dibenzofuran	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Diethylphthalate	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Dimethylphthalate	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Di-n-butylphthalate	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Di-n-octylphthalate	8270	<10	U, D	<5.4	E3, U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Fluoranthene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Fluorene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Hexachlorobenzene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		

Hexachlorobutadiene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<11	U, D	<11	U, D	<10	U		
Hexachloroethane	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.4	E3, U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Isophorone	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Naphthalene	8270	19	D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Nitrobenzene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
N-Nitrosodimethylamine	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Pentachloroethane	8270	<1.0	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Pentachlorophenol	8270	<52	V6, U, D	<11	U, D	<11	U, D	<11	U, D	<10	U		
Phenanthrene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Phenolics, Total Recoverable	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Pyrene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		
Pyridine	8270	<21	U, D	<5.4	U, D	<5.3	U, D	<5.6	U, D	<5.0	U		

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-03 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/17/2010		6/3/2010		3/28/2011			
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
1,2-Dichlorobenzene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
1,3-Dichlorobenzene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
1,4-Dichlorobenzene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
2,4,5-Trichlorophenol	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
2,4,6-Trichlorophenol	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
2,4-Dichlorophenol	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
2,4-Dimethylphenol	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
2,4-Dinitrophenol	8270	<53	U, D	<11	U, D	<11	U, D	<11	U, D	<10	U, D		
2,4-Dinitrotoluene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
2,6-Dinitrotoluene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
2-Chloronaphthalene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
2-Chlorophenol	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
2-Methylnaphthalene	8270	<11	U, D	5.7	D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
2-Methylphenol	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
2-Nitrophenol	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
4,6-Dinitro-2-methylphenol	8270	<53	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
4-Bromophenyl-phenylether	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
4-Chloro-3-methylphenol	8270	<21	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
4-Chlorophenyl-phenylether	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
4-Methylphenol, 3-Methylphenol	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
4-Nitrophenol	8270	<53	U, D	<11	U, D	<11	U, D	<11	U, D	<10	U, D		
Acenaphthene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Acenaphthylene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Anthracene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Benz(a)anthracene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Benzo[a]pyrene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Benzo[b]fluoranthene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Benzo[g,h,i]perylene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Benzo[k]fluoranthene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Bis(2-Chloroethoxy)methane	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Bis(2-Chloroethyl)ether	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Bis(2-chloroisopropyl)ether	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Bis(2-Ethylhexyl)phthalate	8270	<11	U, D	51	D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Butylbenzylphthalate	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Chrysene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Dibenz[a,h]anthracene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Dibenzofuran	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Diethylphthalate	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Dimethylphthalate	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Di-n-butylphthalate	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Di-n-octylphthalate	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Fluoranthene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Fluorene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Hexachlorobenzene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		

Hexachlorobutadiene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Hexachlorocyclopentadiene	8270	<11	U, D	<11	U, D	<11	U, D	<11	U, D	<10	U, D		
Hexachloroethane	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Indeno[1,2,3-cd]pyrene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Isophorone	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Naphthalene	8270	<11	U, D	7.8	D	<5.3	U, D	5.9	D	<5.1	U, D		
Nitrobenzene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
N-Nitrosodimethylamine	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Pentachloroethane	8270	<1.1	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Pentachlorophenol	8270	<53	V6, U, D	<11	U, D	<11	U, D	<11	U, D	<10	U, D		
Phenanthrene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Phenolics, Total Recoverable	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Pyrene	8270	<11	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		
Pyridine	8270	<21	U, D	<5.4	U, D	<5.3	U, D	<5.7	U, D	<5.1	U, D		

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-05 (-25)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/1/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
1,2-Dichlorobenzene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
1,3-Dichlorobenzene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
1,4-Dichlorobenzene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
2,4,5-Trichlorophenol	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
2,4,6-Trichlorophenol	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
2,4-Dichlorophenol	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
2,4-Dimethylphenol	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
2,4-Dinitrophenol	8270	<50	U	<10	U	<10	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
2,6-Dinitrotoluene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
2-Chloronaphthalene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
2-Chlorophenol	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
2-Methylnaphthalene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
2-Methylphenol	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
2-Nitrophenol	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
3,3'-Dichlorobenzidine	8270	<20	U	<5.0	U	<5.2	U, D	<5.3	U, D				
4,6-Dinitro-2-methylphenol	8270	<50	U	<5.0	U	<5.2	U, D	<5.3	U, D				
4-Bromophenyl-phenylether	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
4-Chloro-3-methylphenol	8270	<20	U	<5.0	U	<5.2	U, D	<5.3	U, D				
4-Chlorophenyl-phenylether	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
4-Nitrophenol	8270	<50	U	<10	U	<10	U, D	<11	U, D				
Acenaphthene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Acenaphthylene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Acetophenone	8270	0.0	U	0.0	U								
Aniline	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Anthracene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Benz(a)anthracene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Benzo[a]pyrene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Benzo[b]fluoranthene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Benzo[g,h,i]perylene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Benzo[k]fluoranthene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Bis(2-Ethylhexyl)phthalate	8270	50		40		<5.2	U, D	<5.3	U, D				
Butylbenzylphthalate	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Chrysene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Dibenz[a,h]anthracene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Dibenzofuran	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Diethylphthalate	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Dimethylphthalate	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Di-n-butylphthalate	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Di-n-octylphthalate	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Fluoranthene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Fluorene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Hexachlorobenzene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Hexachlorobutadiene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Hexachlorocyclopentadiene	8270	<10	V6, U	<10	U	<10	U, D	<11	U, D				

Hexachloroethane	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Indeno[1,2,3-cd]pyrene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Isophorone	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Naphthalene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Nitrobenzene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
N-Nitrosodimethylamine	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Pentachloroethane	8270	<1.0	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Pentachlorophenol	8270	<50	U	<10	U	<10	U, D	<11	U, D				
Phenanthrene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Phenolics, Total Recoverable	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Pyrene	8270	<10	U	<5.0	U	<5.2	U, D	<5.3	U, D				
Pyridine	8270	<20	U	<5.0	U	<5.2	U, D	<5.3	U, D				

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-05 (-7)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/21/2009		3/16/2010		6/1/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
1,2-Dichlorobenzene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
1,3-Dichlorobenzene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
1,4-Dichlorobenzene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
2,4,5-Trichlorophenol	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
2,4,6-Trichlorophenol	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
2,4-Dichlorophenol	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
2,4-Dimethylphenol	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
2,4-Dinitrophenol	8270	<50	U	<10	U	<11	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
2,6-Dinitrotoluene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
2-Chloronaphthalene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
2-Chlorophenol	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
2-Methylnaphthalene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
2-Methylphenol	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
2-Nitrophenol	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
3,3'-Dichlorobenzidine	8270	<20	U	<5.0	U	<5.6	U, D	<5.4	U, D				
4,6-Dinitro-2-methylphenol	8270	<50	U	<5.0	U	<5.6	U, D	<5.4	U, D				
4-Bromophenyl-phenylether	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
4-Chloro-3-methylphenol	8270	<20	U	<5.0	U	<5.6	U, D	<5.4	U, D				
4-Chlorophenyl-phenylether	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
4-Nitrophenol	8270	<50	U	<10	U	<11	U, D	<11	U, D				
Acenaphthene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Acenaphthylene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Acetophenone	8270	0.0	U	0.0	U								
Aniline	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Anthracene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Benz(a)anthracene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Benzo[a]pyrene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Benzo[b]fluoranthene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Benzo[g,h,i]perylene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Benzo[k]fluoranthene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Bis(2-Ethylhexyl)phthalate	8270	50		28		<5.6	U, D	<5.4	U, D				
Butylbenzylphthalate	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Chrysene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Dibenz[a,h]anthracene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Dibenzofuran	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Diethylphthalate	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Dimethylphthalate	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Di-n-butylphthalate	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Di-n-octylphthalate	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Fluoranthene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Fluorene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Hexachlorobenzene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Hexachlorobutadiene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				
Hexachlorocyclopentadiene	8270	<10	V6, U	<10	U	<11	U, D	<11	U, D				
Hexachloroethane	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D				

Indeno[1,2,3-cd]pyrene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D			
Isophorone	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D			
Naphthalene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D			
Nitrobenzene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D			
N-Nitrosodimethylamine	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D			
Pentachloroethane	8270	<1.0	U	<5.0	U	<5.6	U, D	<5.4	U, D			
Pentachlorophenol	8270	<50	U	<10	U	<11	U, D	<11	U, D			
Phenanthrene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D			
Phenolics, Total Recoverable	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D			
Pyrene	8270	<10	U	<5.0	U	<5.6	U, D	<5.4	U, D			
Pyridine	8270	<20	U	<5.0	U	<5.6	U, D	<5.4	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-08 (-36)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/25/2010		6/3/2010		3/23/2011			
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
1,2-Dichlorobenzene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
1,3-Dichlorobenzene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
1,4-Dichlorobenzene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
2,4,5-Trichlorophenol	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
2,4,6-Trichlorophenol	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
2,4-Dichlorophenol	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
2,4-Dimethylphenol	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
2,4-Dinitrophenol	8270	<52	Z10, U, D	<11	U, D	<10	U, D	<11	U, D	<13	U, D		
2,4-Dinitrotoluene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
2,6-Dinitrotoluene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
2-Chloronaphthalene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
2-Chlorophenol	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
2-Methylnaphthalene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
2-Methylphenol	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
2-Nitrophenol	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
3,3'-Dichlorobenzidine	8270	<21	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
4,6-Dinitro-2-methylphenol	8270	<52	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
4-Bromophenyl-phenylether	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
4-Chloro-3-methylphenol	8270	<21	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
4-Chlorophenyl-phenylether	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
4-Methylphenol, 3-Methylphenol	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
4-Nitrophenol	8270	<52	Z10, U, D	<11	U, D	<10	U, D	<11	U, D	<13	U, D		
Acenaphthene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Acenaphthylene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Acetophenone	8270	0.0	Z10, U, D	0.0	U, D								
Aniline	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Anthracene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Benz(a)anthracene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Benzo[a]pyrene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Benzo[b]fluoranthene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Benzo[g,h,i]perylene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Benzo[k]fluoranthene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Bis(2-Chloroethoxy)methane	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Bis(2-Chloroethyl)ether	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Bis(2-chloroisopropyl)ether	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Bis(2-Ethylhexyl)phthalate	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Butylbenzylphthalate	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Chrysene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Dibenz[a,h]anthracene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Dibenzofuran	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Diethylphthalate	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Dimethylphthalate	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Di-n-butylphthalate	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Di-n-octylphthalate	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Fluoranthene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Fluorene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Hexachlorobenzene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		

Hexachlorobutadiene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Hexachlorocyclopentadiene	8270	<10	Z10, U, D	<11	U, D	<10	U, D	<11	U, D	<13	U, D		
Hexachloroethane	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Indeno[1,2,3-cd]pyrene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Isophorone	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Naphthalene	8270	14	Z10, D	7.3	D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Nitrobenzene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
N-Nitrosodimethylamine	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Pentachloroethane	8270	<1.0	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Pentachlorophenol	8270	<52	Z10, U, D	<11	U, D	<10	U, D	<11	U, D	<13	U, D		
Phenanthrene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Phenolics, Total Recoverable	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Pyrene	8270	<10	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		
Pyridine	8270	<21	Z10, U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D	<6.3	U, D		

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-08 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/14/2009		3/25/2010		6/3/2010		3/23/2011		3/20/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
1,2-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
1,3-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
1,4-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
2,4,5-Trichlorophenol	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<27.0	
2,4,6-Trichlorophenol	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
2,4-Dichlorophenol	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
2,4-Dimethylphenol	8270	57	D	84	D	98	D	89	D	<280	U, D	126	
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D	<560	U, D	<27.0	
2,4-Dinitrotoluene	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
2,6-Dinitrotoluene	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
2-Chloronaphthalene	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
2-Chlorophenol	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
2-Methylnaphthalene	8270	22	D	22	D	84	D	29	D	<280	U, D	67.1	
2-Methylphenol	8270	14	D	38	D	36	D	24	D	<280	U, D	44.3	
2-Nitrophenol	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.3	E3, U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<27.0	
4-Bromophenyl-phenylether	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
4-Chloro-3-methylphenol	8270	<21	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
4-Methylphenol, 3-Methylphenol	8270	15	D	76	D	82	D	40	D	<280	U, D	101	
4-Nitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D	<560	U, D	<10.8	
Acenaphthene	8270	<10	U, D	6.0	D	16	D	<5.6	U, D	<280	U, D	32.4	
Acenaphthylene	8270	<10	U, D	11	D	26	D	<5.6	U, D	<280	U, D	20.9	
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D		
Anthracene	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Benz(a)anthracene	8270	<10	U, D	<5.3	E3, U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Benzo(a)pyrene	8270	<10	U, D	<5.3	E3, U, D	<5.2	E3, U, D	<5.6	E3, U, D	<280	U, D	<10.8	
Benzo(b)fluoranthene	8270	<10	U, D	<5.3	E3, U, D	<5.2	E3, U, D	<5.6	E3, U, D	<280	U, D	<10.8	
Benzo(g,h,i)perylene	8270	<10	U, D	<5.3	E3, U, D	<5.2	E3, U, D	<5.6	E3, U, D	<280	U, D	<10.8	
Benzo(k)fluoranthene	8270	<10	U, D	<5.3	E3, U, D	<5.2	E3, U, D	<5.6	E3, U, D	<280	U, D	<10.8	
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Bis(2-Ethylhexyl)phthalate	8270	<10	U, D	<5.3	E3, U, D	<5.2	E3, U, D	<5.6	U, D	<280	U, D	<10.8	
Butylbenzylphthalate	8270	<10	U, D	<5.3	E3, U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Chrysene	8270	<10	U, D	<5.3	E3, U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Dibenz[a,h]anthracene	8270	<10	U, D	<5.3	E3, U, D	<5.2	E3, U, D	<5.6	E3, U, D	<280	U, D	<10.8	
Dibenzofuran	8270	<10	U, D	13	D	40	D	11	D	<280	U, D	35.3	
Diethylphthalate	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Dimethylphthalate	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Di-n-butylphthalate	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Di-n-octylphthalate	8270	<10	U, D	<5.3	E3, U, D	<5.2	E3, U, D	<5.6	E3, U, D	<280	U, D	<10.8	
Fluoranthene	8270	<10	U, D	<5.3	U, D	15	D	<5.6	U, D	<280	U, D	<10.8	
Fluorene	8270	<10	U, D	13	D	40	D	10	D	<280	U, D	34.5	
Hexachlorobenzene	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	

Hexachlorobutadiene	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<10	U, D	<11	U, D	<560	U, D	<10.8	
Hexachloroethane	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.3	E3, U, D	<5.2	E3, U, D	<5.6	E3, U, D	<280	U, D	<10.8	
Isophorone	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Naphthalene	8270	880	D	770	D	1700	D	910	D	2100	D	1420	
Nitrobenzene	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
N-Nitrosodimethylamine	8270	<10	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D	<10.8	
Pentachloroethane	8270	<1.0	U, D	<5.3	U, D	<5.2	U, D	<5.6	U, D	<280	U, D		
Pentachlorophenol	8270	<52	U, D	13	D	<10	U, D	<11	U, D	<560	U, D	<10.8	
Phenanthrene	8270	11	D	13	D	50	D	11	D	<280	U, D	34.1	
Phenolics, Total Recoverable	8270	<10	U, D	<5.3	U, D	11	D	<5.6	U, D	<280	U, D	<10.8	D3
Pyrene	8270	<10	U, D	<5.3	E3, U, D	13	D	<5.6	U, D	<280	U, D	<10.8	
Pyridine	8270	<21	U, D	20	D	25	D	11	D	<280	U, D		

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-09 (-2)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/13/2009		10/26/2009		3/29/2010		6/9/2010		3/23/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
1,2-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
1,3-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
1,4-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
2,4,5-Trichlorophenol	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<2.8	
2,4,6-Trichlorophenol	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
2,4-Dichlorophenol	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
2,4-Dimethylphenol	8270	38	D	37	D	14	D	29	D	8.7	D	16.4	
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<10	U, D	<10	U, D	<2.8	
2,4-Dinitrotoluene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
2,6-Dinitrotoluene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
2-Chloronaphthalene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
2-Chlorophenol	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
2-Methylnaphthalene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	2.2	
2-Methylphenol	8270	17	D	19	D	7.1	D	16	D	4.3	J, D	10.4	
2-Nitrophenol	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<2.8	
4-Bromophenyl-phenylether	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
4-Chloro-3-methylphenol	8270	<21	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
4-Methylphenol, 3-Methylphenol	8270	240	D	150	D	67	D	170	D	70	D	24.4	
4-Nitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<10	U, D	<10	U, D	<1.1	
Acenaphthene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Acenaphthylene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<10	U, D	6.0	D	<5.1	U, D	<5.1	U, D	<5.2	U, D		
Anthracene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Benz(a)anthracene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Benzo[a]pyrene	8270	<10	U, D	<5.4	E3, U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Benzo[b]fluoranthene	8270	<10	U, D	<5.4	E3, U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Benzo[g,h,i]perylene	8270	<10	U, D	<5.4	E3, U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Benzo[k]fluoranthene	8270	<10	U, D	<5.4	E3, U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Bis(2-Ethylhexyl)phthalate	8270	42	D	7.4	D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Butylbenzylphthalate	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Chrysene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Dibenz[a,h]anthracene	8270	<10	U, D	<5.4	E3, U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Dibenzofuran	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Diethylphthalate	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Dimethylphthalate	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Di-n-butylphthalate	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Di-n-octylphthalate	8270	<10	U, D	<5.4	E3, U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Fluoranthene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Fluorene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	1.2	
Hexachlorobenzene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Hexachlorobutadiene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<10	U, D	<10	U, D	<10	U, D	<1.1	

Hexachloroethane	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.4	E3, U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Isophorone	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Naphthalene	8270	11	D	14	D	12	D	26	D	6.5	D	17.0	
Nitrobenzene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
N-Nitrosodimethylamine	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Pentachloroethane	8270	<1.0	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D		
Pentachlorophenol	8270	<52	V6, U, D	<11	U, D	<10	U, D	<10	U, D	<10	U, D	<2.8	
Phenanthrene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	1.4	
Phenolics, Total Recoverable	8270	88	D	97	D	36	D	88	D	41	D	31.7	
Pyrene	8270	<10	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D	<1.1	
Pyridine	8270	<21	U, D	<5.4	U, D	<5.1	U, D	<5.1	U, D	<5.2	U, D		

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-09 (-20)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/13/2009		10/26/2009		3/29/2010		6/9/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
1,2-Dichlorobenzene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
1,3-Dichlorobenzene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
1,4-Dichlorobenzene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
2,4,5-Trichlorophenol	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
2,4,6-Trichlorophenol	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
2,4-Dichlorophenol	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
2,4-Dimethylphenol	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
2,4-Dinitrophenol	8270	<52	Z10, U, D	<11	U, D	<10	U	<11	U, D				
2,4-Dinitrotoluene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
2,6-Dinitrotoluene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
2-Chloronaphthalene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
2-Chlorophenol	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
2-Methylnaphthalene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
2-Methylphenol	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
2-Nitrophenol	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
3,3'-Dichlorobenzidine	8270	<21	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
4,6-Dinitro-2-methylphenol	8270	<52	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
4-Bromophenyl-phenylether	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
4-Chloro-3-methylphenol	8270	<21	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
4-Chlorophenyl-phenylether	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
4-Nitrophenol	8270	<52	Z10, U, D	<11	U, D	<10	U	<11	U, D				
Acenaphthene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Acenaphthylene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Acetophenone	8270	0.0	Z10, U, D	0.0	U, D								
Aniline	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Anthracene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Benz(a)anthracene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Benzo[a]pyrene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Benzo[b]fluoranthene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Benzo[g,h,i]perylene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Benzo[k]fluoranthene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Bis(2-Chloroethyl)ether	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Bis(2-Ethylhexyl)phthalate	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Butylbenzylphthalate	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Chrysene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Dibenz[a,h]anthracene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Dibenzofuran	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Diethylphthalate	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Dimethylphthalate	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Di-n-butylphthalate	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Di-n-octylphthalate	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Fluoranthene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Fluorene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Hexachlorobenzene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				

Hexachlorobutadiene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Hexachlorocyclopentadiene	8270	<10	Z10, U, D	<11	U, D	<10	U	<11	U, D				
Hexachloroethane	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Indeno[1,2,3-cd]pyrene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Isophorone	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Naphthalene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Nitrobenzene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
N-Nitrosodimethylamine	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Pentachloroethane	8270	<1.0	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Pentachlorophenol	8270	<52	V6, Z10, U, D	<11	U, D	<10	U	<11	U, D				
Phenanthrene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Phenolics, Total Recoverable	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Pyrene	8270	<10	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				
Pyridine	8270	<21	Z10, U, D	<5.5	U, D	<5.0	U	<5.3	U, D				

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-10 (-31)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/12/2009		3/23/2010		6/4/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
1,2-Dichlorobenzene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
1,3-Dichlorobenzene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
1,4-Dichlorobenzene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
2,4,5-Trichlorophenol	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
2,4,6-Trichlorophenol	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
2,4-Dichlorophenol	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
2,4-Dimethylphenol	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
2,4-Dinitrophenol	8270	<53	U, D	<11	U, D	<10	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
2,6-Dinitrotoluene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
2-Chloronaphthalene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
2-Chlorophenol	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
2-Methylnaphthalene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
2-Methylphenol	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
2-Nitrophenol	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
4,6-Dinitro-2-methylphenol	8270	<53	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
4-Bromophenyl-phenylether	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
4-Chloro-3-methylphenol	8270	<21	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
4-Chlorophenyl-phenylether	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
4-Methylphenol, 3-Methylphenol	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
4-Nitrophenol	8270	<53	U, D	<11	U, D	<10	U, D	<11	U, D				
Acenaphthene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Acenaphthylene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Anthracene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Benz(a)anthracene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Benzo[a]pyrene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Benzo[b]fluoranthene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Benzo[g,h,i]perylene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Benzo[k]fluoranthene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Bis(2-Chloroethoxy)methane	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Bis(2-Chloroethyl)ether	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Bis(2-chloroisopropyl)ether	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Bis(2-Ethylhexyl)phthalate	8270	14	D	41	D	<5.1	U, D	<5.7	U, D				
Butylbenzylphthalate	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Chrysene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Dibenz[a,h]anthracene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Dibenzofuran	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Diethylphthalate	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Dimethylphthalate	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Di-n-butylphthalate	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Di-n-octylphthalate	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Fluoranthene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				
Fluorene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	M5, U, D				
Hexachlorobenzene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D				

Hexachlorobutadiene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			
Hexachlorocyclopentadiene	8270	<11	U, D	<11	U, D	<10	U, D	<11	U, D			
Hexachloroethane	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			
Indeno[1,2,3-cd]pyrene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			
Isophorone	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			
Naphthalene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			
Nitrobenzene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			
N-Nitrosodimethylamine	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			
Pentachloroethane	8270	<1.1	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			
Pentachlorophenol	8270	<53	U, D	<11	U, D	<10	U, D	<11	U, D			
Phenanthrene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			
Phenolics, Total Recoverable	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			
Pyrene	8270	<11	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			
Pyridine	8270	<21	U, D	<5.4	U, D	<5.1	U, D	<5.7	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-10 (-1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/12/2009		3/23/2010		6/4/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
1,2-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
1,3-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
1,4-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
2,4,5-Trichlorophenol	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
2,4,6-Trichlorophenol	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
2,4-Dichlorophenol	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
2,4-Dimethylphenol	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
2,6-Dinitrotoluene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
2-Chloronaphthalene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
2-Chlorophenol	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
2-Methylnaphthalene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
2-Methylphenol	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
2-Nitrophenol	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
4-Bromophenyl-phenylether	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
4-Chloro-3-methylphenol	8270	<21	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
4-Nitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D				
Acenaphthene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Acenaphthylene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Anthracene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Benz(a)anthracene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Benzo[a]pyrene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Benzo[b]fluoranthene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Benzo[g,h,i]perylene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Benzo[k]fluoranthene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Bis(2-Ethylhexyl)phthalate	8270	19	D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Butylbenzylphthalate	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Chrysene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Dibenz[a,h]anthracene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Dibenzofuran	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Diethylphthalate	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Dimethylphthalate	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Di-n-butylphthalate	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Di-n-octylphthalate	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Fluoranthene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Fluorene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				
Hexachlorobenzene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D				

Hexachlorobutadiene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<10	U, D	<11	U, D			
Hexachloroethane	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			
Isophorone	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			
Naphthalene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			
Nitrobenzene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			
N-Nitrosodimethylamine	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			
Pentachloroethane	8270	<1.0	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			
Pentachlorophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D			
Phenanthrene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			
Phenolics, Total Recoverable	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			
Pyrene	8270	<10	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			
Pyridine	8270	<21	U, D	<5.4	U, D	<5.2	U, D	<5.7	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-11 (-33)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/26/2009		3/25/2010		6/7/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
1,2-Dichlorobenzene	8270	<10	U, D	<11	U, D	<5.1	U, D	<5.6	U, D				
1,3-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
1,4-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
2,4,5-Trichlorophenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
2,4,6-Trichlorophenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
2,4-Dichlorophenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
2,4-Dimethylphenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
2,4-Dinitrophenol	8270	<52	U, D	<5.3	U, D	<10	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
2,6-Dinitrotoluene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
2-Chloronaphthalene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
2-Chlorophenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
2-Methylnaphthalene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
2-Methylphenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
2-Nitrophenol	8270	<10	U, D	<11	U, D	<5.1	U, D	<5.6	U, D				
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
4-Bromophenyl-phenylether	8270	<10	U, D	0.0	U, D	<5.1	U, D	<5.6	U, D				
4-Chloro-3-methylphenol	8270	<21	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
4-Nitrophenol	8270	<52	U, D	<5.3	U, D	<10	U, D	<11	U, D				
Acenaphthene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Acenaphthylene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Acetophenone	8270	0.0	U, D	<5.3	U, D								
Aniline	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Anthracene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Benz(a)anthracene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Benzo[a]pyrene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Benzo[b]fluoranthene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Benzo[g,h,i]perylene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Benzo[k]fluoranthene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Bis(2-Ethylhexyl)phthalate	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Butylbenzylphthalate	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Chrysene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Dibenz[a,h]anthracene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Dibenzofuran	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Diethylphthalate	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Dimethylphthalate	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Di-n-butylphthalate	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Di-n-octylphthalate	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Fluoranthene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Fluorene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				
Hexachlorobenzene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D				

Hexachlorobutadiene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<10	U, D	<11	U, D			
Hexachloroethane	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			
Isophorone	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			
Naphthalene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			
Nitrobenzene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			
N-Nitrosodimethylamine	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			
Pentachloroethane	8270	<1.0	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			
Pentachlorophenol	8270	<52	V6, U, D	<11	U, D	<10	U, D	<11	U, D			
Phenanthrene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			
Phenolics, Total Recoverable	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			
Pyrene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			
Pyridine	8270	<21	U, D	<5.3	U, D	<5.1	U, D	<5.6	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-11 (-1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/22/2009		3/29/2010		6/9/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
1,2-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
1,3-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
1,4-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
2,4,5-Trichlorophenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
2,4,6-Trichlorophenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
2,4-Dichlorophenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
2,4-Dimethylphenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<10	U, D				
2,4-Dinitrotoluene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
2,6-Dinitrotoluene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
2-Chloronaphthalene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
2-Chlorophenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
2-Methylnaphthalene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
2-Methylphenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
2-Nitrophenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
4-Bromophenyl-phenylether	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
4-Chloro-3-methylphenol	8270	<21	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
4-Nitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<10	U, D				
Acenaphthene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Acenaphthylene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Acetophenone	8270	0.0	U, D	0.0	U, D	0.0	U, D						
Aniline	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Anthracene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Benz(a)anthracene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Benzo[a]pyrene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Benzo[b]fluoranthene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Benzo[g,h,i]perylene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Benzo[k]fluoranthene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Bis(2-Ethylhexyl)phthalate	8270	57	D	40	D	<5.1	U, D	<5.1	U, D				
Butylbenzylphthalate	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Chrysene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Dibenz[a,h]anthracene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Dibenzofuran	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Diethylphthalate	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Dimethylphthalate	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Di-n-butylphthalate	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Di-n-octylphthalate	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Fluoranthene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Fluorene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Hexachlorobenzene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				

Hexachlorobutadiene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<10	U, D	<10	U, D				
Hexachloroethane	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Isophorone	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Naphthalene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Nitrobenzene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
N-Nitrosodimethylamine	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Pentachloroethane	8270	<1.0	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Pentachlorophenol	8270	<52	V6, U, D	<11	U, D	<10	U, D	<10	U, D				
Phenanthrene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Phenolics, Total Recoverable	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Pyrene	8270	<10	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				
Pyridine	8270	<21	U, D	<5.3	U, D	<5.1	U, D	<5.1	U, D				

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-12 (-17)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/25/2010		6/16/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
1,2-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
1,3-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
1,4-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4,5-Trichlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4,6-Trichlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dichlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dimethylphenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,6-Dinitrotoluene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Chloronaphthalene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Chlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Methylnaphthalene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Methylphenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Nitrophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Bromophenyl-phenylether	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Chloro-3-methylphenol	8270	<21	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Nitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D				
Acenaphthene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Acenaphthylene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Anthracene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benz(a)anthracene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[a]pyrene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[b]fluoranthene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[g,h,i]perylene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[k]fluoranthene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Ethylhexyl)phthalate	8270	<10	U, D	7.9	D	<5.2	U, D	<5.3	U, D				
Butylbenzylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Chrysene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Dibenz[a,h]anthracene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Dibenzofuran	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Diethylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Dimethylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Di-n-butylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Di-n-octylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Fluoranthene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Fluorene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Hexachlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				

Hexachlorobutadiene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<10	U, D	<11	U, D			
Hexachloroethane	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Isophorone	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Naphthalene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Nitrobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
N-Nitrosodimethylamine	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Pentachloroethane	8270	<1.0	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Pentachlorophenol	8270	<52	V6, U, D	<11	U, D	<10	U, D	<11	U, D			
Phenanthrene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Phenolics, Total Recoverable	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Pyrene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Pyridine	8270	<21	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-12 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/25/2010		6/16/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
1,2-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
1,3-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
1,4-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4,5-Trichlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4,6-Trichlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dichlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dimethylphenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,6-Dinitrotoluene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Chloronaphthalene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Chlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Methylnaphthalene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Methylphenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Nitrophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Bromophenyl-phenylether	8270	<10	U, D	<5.5	S4, U, D	<5.2	U, D	<5.3	U, D				
4-Chloro-3-methylphenol	8270	<21	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Nitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D				
Acenaphthene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Acenaphthylene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Anthracene	8270	<10	U, D	<5.5	S4, U, D	<5.2	U, D	<5.3	U, D				
Benz(a)anthracene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[a]pyrene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[b]fluoranthene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[g,h,i]perylene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[k]fluoranthene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Ethylhexyl)phthalate	8270	63	D	110	D	<5.2	U, D	<5.3	U, D				
Butylbenzylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Chrysene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Dibenz[a,h]anthracene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Dibenzofuran	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Diethylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Dimethylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Di-n-butylphthalate	8270	<10	U, D	<5.5	S4, U, D	<5.2	U, D	<5.3	U, D				
Di-n-octylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Fluoranthene	8270	<10	U, D	<5.5	S4, U, D	<5.2	U, D	<5.3	U, D				
Fluorene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Hexachlorobenzene	8270	<10	U, D	<5.5	S4, U, D	<5.2	U, D	<5.3	U, D				

Hexachlorobutadiene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<10	U, D	<11	U, D			
Hexachloroethane	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Isophorone	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Naphthalene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Nitrobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
N-Nitrosodimethylamine	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Pentachloroethane	8270	<1.0	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Pentachlorophenol	8270	<52	V6, U, D	<11	S4, U, D	<10	U, D	<11	U, D			
Phenanthrene	8270	<10	U, D	<5.5	S4, U, D	<5.2	U, D	<5.3	U, D			
Phenolics, Total Recoverable	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			
Pyrene	8270	<10	U, D	<5.5	S4, U, D	<5.2	U, D	<5.3	U, D			
Pyridine	8270	<21	U, D	<5.5	U, D	<5.2	U, D	<5.3	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-13 (-26)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/23/2010		6/17/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
1,2-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
1,3-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
1,4-Dichlorobenzene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
2,4,5-Trichlorophenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
2,4,6-Trichlorophenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
2,4-Dichlorophenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
2,4-Dimethylphenol	8270	<10	U, D	<5.4	U, D	10	D	<5.1	U, D				
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<11	U, D	<10	U, D				
2,4-Dinitrotoluene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
2,6-Dinitrotoluene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
2-Chloronaphthalene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
2-Chlorophenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
2-Methylnaphthalene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
2-Methylphenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
2-Nitrophenol	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
4-Bromophenyl-phenylether	8270	<10	U, D	<5.4	S4, U, D	<5.3	U, D	<5.1	U, D				
4-Chloro-3-methylphenol	8270	<21	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	<5.4	U, D	8.0	D	<5.1	U, D				
4-Nitrophenol	8270	<52	U, D	<11	U, D	<11	U, D	<10	U, D				
Acenaphthene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Acenaphthylene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Anthracene	8270	<10	U, D	<5.4	S4, U, D	<5.3	U, D	<5.1	U, D				
Benz(a)anthracene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Benzo[a]pyrene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Benzo[b]fluoranthene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Benzo[g,h,i]perylene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Benzo[k]fluoranthene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Bis(2-Ethylhexyl)phthalate	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Butylbenzylphthalate	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Chrysene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Dibenz[a,h]anthracene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Dibenzofuran	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Diethylphthalate	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Dimethylphthalate	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Di-n-butylphthalate	8270	<10	U, D	<5.4	S4, U, D	<5.3	U, D	<5.1	U, D				
Di-n-octylphthalate	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Fluoranthene	8270	<10	U, D	<5.4	S4, U, D	<5.3	U, D	<5.1	U, D				
Fluorene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D				
Hexachlorobenzene	8270	<10	U, D	<5.4	S4, U, D	<5.3	U, D	<5.1	U, D				

Hexachlorobutadiene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D			
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<11	U, D	<10	U, D			
Hexachloroethane	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D			
Isophorone	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D			
Naphthalene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D			
Nitrobenzene	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D			
N-Nitrosodimethylamine	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D			
Pentachloroethane	8270	<1.0	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D			
Pentachlorophenol	8270	<52	U, D	<11	S4, U, D	<11	U, D	<10	U, D			
Phenanthrene	8270	<10	U, D	<5.4	S4, U, D	<5.3	U, D	<5.1	U, D			
Phenolics, Total Recoverable	8270	<10	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D			
Pyrene	8270	<10	U, D	<5.4	S4, U, D	<5.3	U, D	<5.1	U, D			
Pyridine	8270	<21	U, D	<5.4	U, D	<5.3	U, D	<5.1	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-13 (+1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/25/2010		6/16/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
1,2-Dichlorobenzene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
1,3-Dichlorobenzene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
1,4-Dichlorobenzene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
2,4,5-Trichlorophenol	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
2,4,6-Trichlorophenol	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dichlorophenol	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dimethylphenol	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
2,6-Dinitrotoluene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
2-Chloronaphthalene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
2-Chlorophenol	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
2-Methylnaphthalene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
2-Methylphenol	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
2-Nitrophenol	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
4-Bromophenyl-phenylether	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
4-Chloro-3-methylphenol	8270	<21	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
4-Nitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D				
Acenaphthene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Acenaphthylene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Anthracene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Benz(a)anthracene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Benzo[a]pyrene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Benzo[b]fluoranthene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Benzo[g,h,i]perylene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Benzo[k]fluoranthene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Ethylhexyl)phthalate	8270	<10	U, D	6.2	D	<5.2	U, D	<5.3	U, D				
Butylbenzylphthalate	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Chrysene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Dibenz[a,h]anthracene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Dibenzofuran	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Diethylphthalate	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Dimethylphthalate	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Di-n-butylphthalate	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Di-n-octylphthalate	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Fluoranthene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Fluorene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				
Hexachlorobenzene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D				

Hexachlorobutadiene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<10	U, D	<11	U, D			
Hexachloroethane	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			
Isophorone	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			
Naphthalene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			
Nitrobenzene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			
N-Nitrosodimethylamine	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			
Pentachloroethane	8270	<1.0	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			
Pentachlorophenol	8270	<52	V6, U, D	<11	U, D	<10	U, D	<11	U, D			
Phenanthrene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			
Phenolics, Total Recoverable	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			
Pyrene	8270	<10	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			
Pyridine	8270	<21	U, D	<5.6	U, D	<5.2	U, D	<5.3	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-14 (-33)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/12/2009		3/23/2010		6/4/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
1,2-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
1,3-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
1,4-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
2,4,5-Trichlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
2,4,6-Trichlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
2,4-Dichlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
2,4-Dimethylphenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
2,6-Dinitrotoluene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
2-Chloronaphthalene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
2-Chlorophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
2-Methylnaphthalene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
2-Methylphenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
2-Nitrophenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
4-Bromophenyl-phenylether	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
4-Chloro-3-methylphenol	8270	<21	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
4-Nitrophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D				
Acenaphthene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Acenaphthylene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Acetophenone	8270	0.0	U, D	0.0	U, D	0.0	U, D						
Aniline	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Anthracene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Benz(a)anthracene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Benzo[a]pyrene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Benzo[b]fluoranthene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Benzo[g,h,i]perylene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Benzo[k]fluoranthene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Bis(2-Ethylhexyl)phthalate	8270	50	D	46	D	<5.2	U, D	<5.7	U, D				
Butylbenzylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Chrysene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Dibenz[a,h]anthracene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Dibenzofuran	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Diethylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Dimethylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Di-n-butylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Di-n-octylphthalate	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Fluoranthene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Fluorene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				
Hexachlorobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D				

Hexachlorobutadiene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<10	U, D	<11	U, D			
Hexachloroethane	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			
Isophorone	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			
Naphthalene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			
Nitrobenzene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			
N-Nitrosodimethylamine	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			
Pentachloroethane	8270	<1.0	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			
Pentachlorophenol	8270	<52	U, D	<11	U, D	<10	U, D	<11	U, D			
Phenanthrene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			
Phenolics, Total Recoverable	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			
Pyrene	8270	<10	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			
Pyridine	8270	<21	U, D	<5.5	U, D	<5.2	U, D	<5.7	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-14 (+1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/13/2009		3/23/2010		6/4/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
1,2-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
1,3-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
1,4-Dichlorobenzene	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
2,4,5-Trichlorophenol	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
2,4,6-Trichlorophenol	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
2,4-Dichlorophenol	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
2,4-Dimethylphenol	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<11	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
2,6-Dinitrotoluene	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
2-Chloronaphthalene	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
2-Chlorophenol	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
2-Methylnaphthalene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
2-Methylphenol	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
2-Nitrophenol	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
4-Bromophenyl-phenylether	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
4-Chloro-3-methylphenol	8270	<21	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
4-Nitrophenol	8270	<52	U, D	<11	U, D	<11	U, D	<11	U, D				
Acenaphthene	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
Acenaphthylene	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
Anthracene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Benz(a)anthracene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Benzo[a]pyrene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Benzo[b]fluoranthene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Benzo[g,h,i]perylene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Benzo[k]fluoranthene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
Bis(2-Ethylhexyl)phthalate	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Butylbenzylphthalate	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Chrysene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Dibenz[a,h]anthracene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Dibenzofuran	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
Diethylphthalate	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
Dimethylphthalate	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
Di-n-butylphthalate	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Di-n-octylphthalate	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Fluoranthene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				
Fluorene	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D				
Hexachlorobenzene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D				

Hexachlorobutadiene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D			
Hexachlorocyclopentadiene	8270	<10	U, D	<11	S4, U, D	<11	U, D	<11	U, D			
Hexachloroethane	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D			
Isophorone	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D			
Naphthalene	8270	<10	U, D	<5.5	S4, U, D	7.3	D	<5.6	U, D			
Nitrobenzene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D			
N-Nitrosodimethylamine	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D			
Pentachloroethane	8270	<1.0	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D			
Pentachlorophenol	8270	<52	U, D	<11	S4, U, D	<11	U, D	<11	U, D			
Phenanthrene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D			
Phenolics, Total Recoverable	8270	<10	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D			
Pyrene	8270	<10	U, D	<5.5	S4, U, D	<5.3	U, D	<5.6	U, D			
Pyridine	8270	<21	U, D	<5.5	U, D	<5.3	U, D	<5.6	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results
Well GL-15 (-36)

Chemical Analyte	EPA Method	Well GL-15 (-36)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/6/2009		10/26/2009		3/15/2010		6/1/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
1,2-Dichlorobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
1,3-Dichlorobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
1,4-Dichlorobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
2,4,5-Trichlorophenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
2,4,6-Trichlorophenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
2,4-Dichlorophenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
2,4-Dimethylphenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
2,4-Dinitrophenol	8270	<50	U	<11	U, D	<10	U, D	<12	U, D				
2,4-Dinitrotoluene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
2,6-Dinitrotoluene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
2-Chloronaphthalene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
2-Chlorophenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
2-Methylnaphthalene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
2-Methylphenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
2-Nitrophenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
3,3'-Dichlorobenzidine	8270	<20	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
4,6-Dinitro-2-methylphenol	8270	<50	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
4-Bromophenyl-phenylether	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
4-Chloro-3-methylphenol	8270	<20	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
4-Chlorophenyl-phenylether	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
4-Nitrophenol	8270	<50	U	<11	U, D	<10	U, D	<12	U, D				
Acenaphthene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Acenaphthylene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Acetophenone	8270	0.0	U	0.0	U, D								
Aniline	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Anthracene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Benz(a)anthracene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Benzo[a]pyrene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Benzo[b]fluoranthene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Benzo[g,h,i]perylene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Benzo[k]fluoranthene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Bis(2-Ethylhexyl)phthalate	8270	26	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Butylbenzylphthalate	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Chrysene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Dibenz[a,h]anthracene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Dibenzofuran	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Diethylphthalate	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Dimethylphthalate	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Di-n-butylphthalate	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Di-n-octylphthalate	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Fluoranthene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Fluorene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				
Hexachlorobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D				

Hexachlorobutadiene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D			
Hexachlorocyclopentadiene	8270	<10	V6, U	<11	U, D	<10	U, D	<12	U, D			
Hexachloroethane	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D			
Isophorone	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D			
Naphthalene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D			
Nitrobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D			
N-Nitrosodimethylamine	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D			
Pentachloroethane	8270	<1.0	U	<5.5	U, D	<5.2	U, D	<5.9	U, D			
Pentachlorophenol	8270	<50	U	<11	U, D	<10	U, D	<12	U, D			
Phenanthrene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D			
Phenolics, Total Recoverable	8270	<10	U	<5.5	U, D	8.9	D	6.2	D			
Pyrene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.9	U, D			
Pyridine	8270	<20	U	<5.5	U, D	<5.2	U, D	<5.9	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-15 (-6)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/6/2009		10/26/2009		3/15/2010		6/1/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
1,2-Dichlorobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
1,3-Dichlorobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
1,4-Dichlorobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4,5-Trichlorophenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4,6-Trichlorophenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dichlorophenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dimethylphenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,4-Dinitrophenol	8270	<50	U	<11	U, D	<10	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2,6-Dinitrotoluene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Chloronaphthalene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Chlorophenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Methylnaphthalene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Methylphenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
2-Nitrophenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
3,3'-Dichlorobenzidine	8270	<20	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4,6-Dinitro-2-methylphenol	8270	<50	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Bromophenyl-phenylether	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Chloro-3-methylphenol	8270	<20	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Chlorophenyl-phenylether	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
4-Nitrophenol	8270	<50	U	<11	U, D	<10	U, D	<11	U, D				
Acenaphthene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Acenaphthylene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Acetophenone	8270	0.0	U	0.0	U, D								
Aniline	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Anthracene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benz(a)anthracene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[a]pyrene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[b]fluoranthene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[g,h,i]perylene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Benzo[k]fluoranthene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Bis(2-Ethylhexyl)phthalate	8270	11		88	D	<5.2	U, D	<5.3	U, D				
Butylbenzylphthalate	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Chrysene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Dibenz[a,h]anthracene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Dibenzofuran	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Diethylphthalate	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Dimethylphthalate	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Di-n-butylphthalate	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Di-n-octylphthalate	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Fluoranthene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Fluorene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Hexachlorobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				

Hexachlorobutadiene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Hexachlorocyclopentadiene	8270	<10	V6, U	<11	U, D	<10	U, D	<11	U, D				
Hexachloroethane	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Indeno[1,2,3-cd]pyrene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Isophorone	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Naphthalene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Nitrobenzene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
N-Nitrosodimethylamine	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Pentachloroethane	8270	<1.0	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Pentachlorophenol	8270	<50	U	<11	U, D	<10	U, D	<11	U, D				
Phenanthrene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Phenolics, Total Recoverable	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Pyrene	8270	<10	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				
Pyridine	8270	<20	U	<5.5	U, D	<5.2	U, D	<5.3	U, D				

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-16 (-32)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/16/2009		3/16/2010		6/2/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
1,2-Dichlorobenzene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
1,3-Dichlorobenzene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
1,4-Dichlorobenzene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
2,4,5-Trichlorophenol	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
2,4,6-Trichlorophenol	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
2,4-Dichlorophenol	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
2,4-Dimethylphenol	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
2,4-Dinitrophenol	8270	<50	U	<10	U	<11	U, D	<10	U, D				
2,4-Dinitrotoluene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
2,6-Dinitrotoluene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
2-Chloronaphthalene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
2-Chlorophenol	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
2-Methylnaphthalene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
2-Methylphenol	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
2-Nitrophenol	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
3,3'-Dichlorobenzidine	8270	<20	U	<5.0	U	<5.4	U, D	<5.2	U, D				
4,6-Dinitro-2-methylphenol	8270	<50	U	<5.0	U	<5.4	U, D	<5.2	U, D				
4-Bromophenyl-phenylether	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
4-Chloro-3-methylphenol	8270	<20	U	<5.0	U	<5.4	U, D	<5.2	U, D				
4-Chlorophenyl-phenylether	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
4-Nitrophenol	8270	<50	U	<10	U	<11	U, D	<10	U, D				
Acenaphthene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Acenaphthylene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Acetophenone	8270	0.0	U	0.0	U								
Aniline	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Anthracene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Benz(a)anthracene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Benzo[a]pyrene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Benzo[b]fluoranthene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Benzo[g,h,i]perylene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Benzo[k]fluoranthene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Bis(2-Ethylhexyl)phthalate	8270	11		6.6		<5.4	U, D	<5.2	U, D				
Butylbenzylphthalate	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Chrysene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Dibenz[a,h]anthracene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Dibenzofuran	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Diethylphthalate	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Dimethylphthalate	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Di-n-butylphthalate	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Di-n-octylphthalate	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Fluoranthene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Fluorene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Hexachlorobenzene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Hexachlorobutadiene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D				
Hexachlorocyclopentadiene	8270	<10	V6, U	<10	U	<11	U, D	<10	U, D				

Hexachloroethane	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D			
Isophorone	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D			
Naphthalene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D			
Nitrobenzene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D			
N-Nitrosodimethylamine	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D			
Pentachloroethane	8270	<1.0	U	<5.0	U	<5.4	U, D	<5.2	U, D			
Pentachlorophenol	8270	<50	U	<10	U	<11	U, D	<10	U, D			
Phenanthrene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D			
Phenolics, Total Recoverable	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D			
Pyrene	8270	<10	U	<5.0	U	<5.4	U, D	<5.2	U, D			
Pyridine	8270	<20	U	<5.0	U	<5.4	U, D	<5.2	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-16 (-6)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/16/2009		3/16/2010		6/2/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
1,2-Dichlorobenzene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
1,3-Dichlorobenzene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
1,4-Dichlorobenzene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
2,4,5-Trichlorophenol	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
2,4,6-Trichlorophenol	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
2,4-Dichlorophenol	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
2,4-Dimethylphenol	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
2,4-Dinitrophenol	8270	<50	U	<10	U, D	<12	U, D	<10	U, D				
2,4-Dinitrotoluene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
2,6-Dinitrotoluene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
2-Chloronaphthalene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
2-Chlorophenol	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
2-Methylnaphthalene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
2-Methylphenol	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
2-Nitrophenol	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
3,3'-Dichlorobenzidine	8270	<20	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
4,6-Dinitro-2-methylphenol	8270	<50	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
4-Bromophenyl-phenylether	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
4-Chloro-3-methylphenol	8270	<20	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
4-Chlorophenyl-phenylether	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
4-Nitrophenol	8270	<50	U	<10	U, D	<12	U, D	<10	U, D				
Acenaphthene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Acenaphthylene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Acetophenone	8270	0.0	U	0.0	U, D								
Aniline	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Anthracene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Benz(a)anthracene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Benzo[a]pyrene	8270	<10	U	<5.1	E3, U, D	<5.9	U, D	<5.2	U, D				
Benzo[b]fluoranthene	8270	<10	U	<5.1	E3, U, D	<5.9	U, D	<5.2	U, D				
Benzo[g,h,i]perylene	8270	<10	U	<5.1	E3, U, D	<5.9	U, D	<5.2	U, D				
Benzo[k]fluoranthene	8270	<10	U	<5.1	E3, U, D	<5.9	U, D	<5.2	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Bis(2-Chloroethyl)ether	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Bis(2-Ethylhexyl)phthalate	8270	23		24	D	<5.9	U, D	<5.2	U, D				
Butylbenzylphthalate	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Chrysene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Dibenz[a,h]anthracene	8270	<10	U	<5.1	E3, U, D	<5.9	U, D	<5.2	U, D				
Dibenzofuran	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Diethylphthalate	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Dimethylphthalate	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Di-n-butylphthalate	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Di-n-octylphthalate	8270	<10	U	<5.1	E3, U, D	<5.9	U, D	<5.2	U, D				
Fluoranthene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Fluorene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				
Hexachlorobenzene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D				

Hexachlorobutadiene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D			
Hexachlorocyclopentadiene	8270	<10	V6, U	<10	U, D	<12	U, D	<10	U, D			
Hexachloroethane	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	U	<5.1	E3, U, D	<5.9	U, D	<5.2	U, D			
Isophorone	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D			
Naphthalene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D			
Nitrobenzene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D			
N-Nitrosodimethylamine	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D			
Pentachloroethane	8270	<1.0	U	<5.1	U, D	<5.9	U, D	<5.2	U, D			
Pentachlorophenol	8270	<50	U	<10	U, D	<12	U, D	<10	U, D			
Phenanthrene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D			
Phenolics, Total Recoverable	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D			
Pyrene	8270	<10	U	<5.1	U, D	<5.9	U, D	<5.2	U, D			
Pyridine	8270	<20	U	<5.1	U, D	<5.9	U, D	<5.2	U, D			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-17 (-31)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/22/2009		3/19/2010		6/7/2010		3/31/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
1,2-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
1,3-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
1,4-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
2,4,5-Trichlorophenol	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<2.7	
2,4,6-Trichlorophenol	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
2,4-Dichlorophenol	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
2,4-Dimethylphenol	8270	320	D	<5.3	U, D	11	D	<5.6	U, D	11		3.0	
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<11	U, D	<11	U, D	<10	U	<2.7	
2,4-Dinitrotoluene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
2,6-Dinitrotoluene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
2-Chloronaphthalene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
2-Chlorophenol	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
2-Methylnaphthalene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
2-Methylphenol	8270	15	D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
2-Nitrophenol	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<2.7	
4-Bromophenyl-phenylether	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
4-Chloro-3-methylphenol	8270	<21	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
4-Methylphenol, 3-Methylphenol	8270	170	D	<5.3	U, D	<5.6	U, D	<5.6	U, D	3.6	J	<2.2	
4-Nitrophenol	8270	<52	U, D	<11	U, D	<11	U, D	<11	U, D	<10	U	<1.1	
Acenaphthene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Acenaphthylene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U		
Anthracene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Benz(a)anthracene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Benzo[a]pyrene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Benzo[b]fluoranthene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Benzo[g,h,i]perylene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Benzo[k]fluoranthene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Bis(2-Ethylhexyl)phthalate	8270	19	D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Butylbenzylphthalate	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Chrysene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Dibenz[a,h]anthracene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Dibenzofuran	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Diethylphthalate	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Dimethylphthalate	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Di-n-butylphthalate	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Di-n-octylphthalate	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Fluoranthene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Fluorene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Hexachlorobenzene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	

Hexachlorobutadiene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<11	U, D	<11	U, D	<10	U	<1.1	
Hexachloroethane	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Isophorone	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Naphthalene	8270	25	D	<5.3	U, D	21	D	<5.6	U, D	<5.0	U	<1.1	
Nitrobenzene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
N-Nitrosodimethylamine	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Pentachloroethane	8270	<1.0	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U		
Pentachlorophenol	8270	<52	U, D	<11	U, D	<11	U, D	<11	U, D	<10	U	<2.7	
Phenanthrene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Phenolics, Total Recoverable	8270	71	D	<5.3	U, D	<5.6	U, D	<5.6	U, D	3.3	J	<1.1	
Pyrene	8270	<10	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U	<1.1	
Pyridine	8270	<21	U, D	<5.3	U, D	<5.6	U, D	<5.6	U, D	<5.0	U		

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-17 (-1)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/22/2009		3/19/2010		6/7/2010		3/31/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
1,2-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
1,3-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
1,4-Dichlorobenzene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
2,4,5-Trichlorophenol	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<27.2	
2,4,6-Trichlorophenol	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
2,4-Dichlorophenol	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
2,4-Dimethylphenol	8270	<10	U, D	160	D	220	D	<5.5	U, D	280	D	360	
2,4-Dinitrophenol	8270	<52	U, D	<11	U, D	<12	U, D	<11	U, D	<10	U	<27.2	
2,4-Dinitrotoluene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
2,6-Dinitrotoluene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
2-Chloronaphthalene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
2-Chlorophenol	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	3.9	J	<10.9	
2-Methylnaphthalene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
2-Methylphenol	8270	<10	U, D	12	D	18	D	16	D	19		17.7	
2-Nitrophenol	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<27.2	
4-Bromophenyl-phenylether	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
4-Chloro-3-methylphenol	8270	<21	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	96	D	150	D	<5.5	U, D	200	D	244	
4-Nitrophenol	8270	<52	U, D	<11	U, D	<12	U, D	<11	U, D	<10	U	<10.9	
Acenaphthene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Acenaphthylene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<10	U, D	8.7	D	<5.9	U, D	7.3	D	11			
Anthracene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Benzo(a)anthracene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Benzo(a)pyrene	8270	<10	U, D	<5.3	E3, U, D	<5.9	E3, U, D	<5.5	E3, U, D	<5.0	U	<10.9	
Benzo(b)fluoranthene	8270	<10	U, D	<5.3	E3, U, D	<5.9	E3, U, D	<5.5	E3, U, D	<5.0	U	<10.9	
Benzo(g,h,i)perylene	8270	<10	U, D	<5.3	E3, U, D	<5.9	E3, U, D	<5.5	E3, U, D	<5.0	U	<10.9	
Benzo(k)fluoranthene	8270	<10	U, D	<5.3	E3, U, D	<5.9	E3, U, D	<5.5	E3, U, D	<5.0	U	<10.9	
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.3	U, D	<5.9	U, D	11	D	<5.0	U	<10.9	
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Bis(2-Ethylhexyl)phthalate	8270	24	D	85	D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Butylbenzylphthalate	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Chrysene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Dibenz[a,h]anthracene	8270	<10	U, D	<5.3	E3, U, D	<5.9	E3, U, D	<5.5	E3, U, D	<5.0	U	<10.9	
Dibenzofuran	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Diethylphthalate	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Dimethylphthalate	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Di-n-butylphthalate	8270	<10	U, D	7.1	D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Di-n-octylphthalate	8270	<10	U, D	<5.3	E3, U, D	<5.9	E3, U, D	<5.5	E3, U, D	<5.0	U	<10.9	
Fluoranthene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Fluorene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Hexachlorobenzene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	

Hexachlorobutadiene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Hexachlorocyclopentadiene	8270	<10	U, D	<11	U, D	<12	U, D	<11	U, D	<10	U	<10.9	
Hexachloroethane	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.3	E3, U, D	<5.9	E3, U, D	<5.5	E3, U, D	<5.0	U	<10.9	
Isophorone	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Naphthalene	8270	<10	U, D	14	D	34	D	31	D	34		32.2	
Nitrobenzene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
N-Nitrosodimethylamine	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Pentachloroethane	8270	<1.0	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U		
Pentachlorophenol	8270	<52	U, D	<11	U, D	<12	U, D	<11	U, D	<10	U	<27.2	
Phenanthrene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Phenolics, Total Recoverable	8270	<10	U, D	62	D	79	D	59	D	93	D	119	D3
Pyrene	8270	<10	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U	<10.9	
Pyridine	8270	<21	U, D	<5.3	U, D	<5.9	U, D	<5.5	U, D	<5.0	U		

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-18 (-33)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/1/2009		3/18/2010		6/7/2010		3/28/2011			
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
1,2-Dichlorobenzene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
1,3-Dichlorobenzene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
1,4-Dichlorobenzene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
2,4,5-Trichlorophenol	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
2,4,6-Trichlorophenol	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
2,4-Dichlorophenol	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
2,4-Dimethylphenol	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
2,4-Dinitrophenol	8270	<53	U, D	<11	U, D	<11	U, D	<11	U, D	<11	U, D		
2,4-Dinitrotoluene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
2,6-Dinitrotoluene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
2-Chloronaphthalene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
2-Chlorophenol	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
2-Methylnaphthalene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
2-Methylphenol	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
2-Nitrophenol	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
4,6-Dinitro-2-methylphenol	8270	<53	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
4-Bromophenyl-phenylether	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
4-Chloro-3-methylphenol	8270	<21	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
4-Chlorophenyl-phenylether	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
4-Methylphenol, 3-Methylphenol	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
4-Nitrophenol	8270	<53	U, D	<11	U, D	<11	U, D	<11	U, D	<11	U, D		
Acenaphthene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Acenaphthylene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Acetophenone	8270	0.0	U, D	0.0	U, D								
Aniline	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Anthracene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Benzo(a)anthracene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Benzo(a)pyrene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Benzo(b)fluoranthene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Benzo(g,h,i)perylene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Benzo(k)fluoranthene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Bis(2-Chloroethoxy)methane	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Bis(2-Chloroethyl)ether	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Bis(2-chloroisopropyl)ether	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Bis(2-Ethylhexyl)phthalate	8270	79	D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Butylbenzylphthalate	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Chrysene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Dibenz[a,h]anthracene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Dibenzofuran	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Diethylphthalate	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Dimethylphthalate	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Di-n-butylphthalate	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Di-n-octylphthalate	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Fluoranthene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Fluorene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Hexachlorobenzene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		

Hexachlorobutadiene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Hexachlorocyclopentadiene	8270	<11	U, D	<11	V6, U, D	<11	U, D	<11	U, D	<11	U, D		
Hexachloroethane	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Indeno[1,2,3-cd]pyrene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Isophorone	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Naphthalene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	14	D	<5.7	U, D		
Nitrobenzene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
N-Nitrosodimethylamine	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Pentachloroethane	8270	<1.1	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Pentachlorophenol	8270	<53	U, D	<11	U, D	<11	U, D	<11	U, D	<11	U, D		
Phenanthrene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Phenolics, Total Recoverable	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Pyrene	8270	<11	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		
Pyridine	8270	<21	U, D	<5.3	U, D	<5.3	U, D	<5.6	U, D	<5.7	U, D		

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-18 (-3)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/8/2009		10/1/2009		3/18/2010		6/7/2010		3/28/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
1,2-Dichlorobenzene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
1,3-Dichlorobenzene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
1,4-Dichlorobenzene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
2,4,5-Trichlorophenol	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<27.5	
2,4,6-Trichlorophenol	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
2,4-Dichlorophenol	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
2,4-Dimethylphenol	8270	380	E3, D	610	D	430	D	<5.6	E3, U, D	490	D	<549	
2,4-Dinitrophenol	8270	<52	E3, U, D	<11	U, D	<11	U, D	<11	U, D	<12	U, D	<27.5	
2,4-Dinitrotoluene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
2,6-Dinitrotoluene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
2-Chloronaphthalene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
2-Chlorophenol	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
2-Methylnaphthalene	8270	20	E3, D	46	D	96	D	98	E3, D	40	D	60.3	
2-Methylphenol	8270	160	E3, D	310	D	210	D	410	D	220	D	928	
2-Nitrophenol	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
3,3'-Dichlorobenzidine	8270	<21	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
4,6-Dinitro-2-methylphenol	8270	<52	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<27.5	
4-Bromophenyl-phenylether	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
4-Chloro-3-methylphenol	8270	<21	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
4-Chlorophenyl-phenylether	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
4-Methylphenol, 3-Methylphenol	8270	320	E3, D	580	D	390	D	740	D	500	D	<1100	
4-Nitrophenol	8270	<52	E3, U, D	<11	U, D	<11	U, D	<11	U, D	<12	U, D	<11.0	
Acenaphthene	8270	<10	E3, U, D	<5.3	U, D	4.2	J, D	<5.6	U, D	3.6	J, D	32.1	
Acenaphthylene	8270	<10	E3, U, D	6.7	D	7.1	D	8.0	D	6.1	D	<11.0	
Acetophenone	8270	0.0	E3, U, D	0.0	U, D								
Aniline	8270	<10	E3, U, D	44	D	28	D	<5.6	U, D	28	D		
Anthracene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Benz(a)anthracene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Benzo[a]pyrene	8270	<10	E3, U, D	<5.3	U, D	<5.4	E3, U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
Benzo[b]fluoranthene	8270	<10	E3, U, D	<5.3	U, D	<5.4	E3, U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
Benzo[g,h,i]perylene	8270	<10	E3, U, D	<5.3	U, D	<5.4	E3, U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
Benzo[k]fluoranthene	8270	<10	E3, U, D	<5.3	U, D	<5.4	E3, U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
Bis(2-Chloroethoxy)methane	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
Bis(2-Chloroethyl)ether	8270	21	E3, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	43	D	<11.0	
Bis(2-chloroisopropyl)ether	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Bis(2-Ethylhexyl)phthalate	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Butylbenzylphthalate	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Chrysene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Dibenz[a,h]anthracene	8270	<10	E3, U, D	<5.3	U, D	<5.4	E3, U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
Dibenzofuran	8270	<10	E3, U, D	<5.3	U, D	5.8	D	6.9	D	<6.1	U, D	<11.0	
Diethylphthalate	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Dimethylphthalate	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Di-n-butylphthalate	8270	<10	E3, U, D	5.5	D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Di-n-octylphthalate	8270	<10	E3, U, D	<5.3	U, D	<5.4	E3, U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
Fluoranthene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Fluorene	8270	<10	E3, U, D	<5.3	U, D	3.8	J, D	4.6	J, D	<6.1	U, D	<11.0	
Hexachlorobenzene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	

Hexachlorobutadiene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
Hexachlorocyclopentadiene	8270	<10	E3, U, D	<11	V6, U, D	<11	U, D	<11	U, D	<12	U, D	<11.0	
Hexachloroethane	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Indeno[1,2,3-cd]pyrene	8270	<10	E3, U, D	<5.3	U, D	<5.4	E3, U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
Isophorone	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
Naphthalene	8270	1000	E, E3, D	1900	D	2100	D	2000	D	1600	D	2580	
Nitrobenzene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	E3, U, D	<6.1	U, D	<11.0	
N-Nitrosodimethylamine	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Pentachloroethane	8270	<1.0	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D		
Pentachlorophenol	8270	<52	E3, U, D	<11	U, D	<11	U, D	<11	U, D	<12	U, D	<27.5	
Phenanthrene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Phenolics, Total Recoverable	8270	100	E3, D	270	D	170	D	350	D	250	D	<549	
Pyrene	8270	<10	E3, U, D	<5.3	U, D	<5.4	U, D	<5.6	U, D	<6.1	U, D	<11.0	
Pyridine	8270	45	E3, D	58	D	51	D	40	D	52	D		

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-19											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/13/2009		10/26/2009		3/1/2010		6/18/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
1,2-Dichlorobenzene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
1,3-Dichlorobenzene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
1,4-Dichlorobenzene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
2,4,5-Trichlorophenol	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
2,4,6-Trichlorophenol	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
2,4-Dichlorophenol	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
2,4-Dimethylphenol	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
2,4-Dinitrophenol	8270	<52	Z10, U, D	<11	U, D	NS		<10	U				
2,4-Dinitrotoluene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
2,6-Dinitrotoluene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
2-Chloronaphthalene	8270	<10	Z10, U, D	<5.3	M5, U, D	NS		<5.0	U				
2-Chlorophenol	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
2-Methylnaphthalene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
2-Methylphenol	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
2-Nitrophenol	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
3,3'-Dichlorobenzidine	8270	<21	Z10, U, D	<5.3	M5, U, D	NS		<5.0	U				
4,6-Dinitro-2-methylphenol	8270	<52	Z10, U, D	<5.3	U, D	NS		<5.0	U				
4-Bromophenyl-phenylether	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
4-Chloro-3-methylphenol	8270	<21	Z10, U, D	<5.3	U, D	NS		<5.0	U				
4-Chlorophenyl-phenylether	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
4-Methylphenol, 3-Methylphenol	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
4-Nitrophenol	8270	<52	Z10, U, D	<11	U, D	NS		<10	U				
Acenaphthene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Acenaphthylene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Acetophenone	8270	0.0	Z10, U, D	0.0	U, D	NS							
Aniline	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Anthracene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Benz(a)anthracene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Benzo[a]pyrene	8270	<10	Z10, U, D	<5.3	E3, U, D	NS		<5.0	U				
Benzo[b]fluoranthene	8270	<10	Z10, U, D	<5.3	E3, U, D	NS		<5.0	U				
Benzo[g,h,i]perylene	8270	<10	Z10, U, D	<5.3	E3, U, D	NS		<5.0	U				
Benzo[k]fluoranthene	8270	<10	Z10, U, D	<5.3	E3, U, D	NS		<5.0	U				
Bis(2-Chloroethoxy)methane	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Bis(2-Chloroethyl)ether	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Bis(2-chloroisopropyl)ether	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Bis(2-Ethylhexyl)phthalate	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Butylbenzylphthalate	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Chrysene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Dibenz[a,h]anthracene	8270	<10	Z10, U, D	<5.3	E3, U, D	NS		<5.0	U				
Dibenzofuran	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Diethylphthalate	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Dimethylphthalate	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Di-n-butylphthalate	8270	<10	Z10, U, D	8.5	M5, D	NS		<5.0	U				
Di-n-octylphthalate	8270	<10	Z10, U, D	<5.3	E3, U, D	NS		<5.0	U				
Fluoranthene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Fluorene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				
Hexachlorobenzene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U				

Hexachlorobutadiene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U			
Hexachlorocyclopentadiene	8270	<10	Z10, U, D	<11	U, D	NS		<10	U			
Hexachloroethane	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U			
Indeno[1,2,3-cd]pyrene	8270	<10	Z10, U, D	<5.3	E3, U, D	NS		<5.0	U			
Isophorone	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U			
Naphthalene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U			
Nitrobenzene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U			
N-Nitrosodimethylamine	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U			
Pentachloroethane	8270	<1.0	Z10, U, D	<5.3	U, D	NS		<5.0	U			
Pentachlorophenol	8270	<52	Z10, V6, U, D	<11	U, D	NS		<10	U			
Phenanthrene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U			
Phenolics, Total Recoverable	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U			
Pyrene	8270	<10	Z10, U, D	<5.3	U, D	NS		<5.0	U			
Pyridine	8270	<21	Z10, U, D	<5.3	U, D	NS		<5.0	U			

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well GL-20 (-5)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/9/2009		10/16/2009		3/17/2010		6/17/2010		4/6/2011		3/21/2013	
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
1,2-Dichlorobenzene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
1,3-Dichlorobenzene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
1,4-Dichlorobenzene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
2,4,5-Trichlorophenol	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<2.7	
2,4,6-Trichlorophenol	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
2,4-Dichlorophenol	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
2,4-Dimethylphenol	8270	68	D	110	D	77	D	<5.1	U, D	100	D	39.2	
2,4-Dinitrophenol	8270	<52	U, D	<10	U	<12	U, D	<10	U, D	<10	U	<2.7	
2,4-Dinitrotoluene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
2,6-Dinitrotoluene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
2-Chloronaphthalene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
2-Chlorophenol	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
2-Methylnaphthalene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
2-Methylphenol	8270	<10	U, D	15		11	D	17	D	11		6.4	
2-Nitrophenol	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
3,3'-Dichlorobenzidine	8270	<21	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
4,6-Dinitro-2-methylphenol	8270	<52	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<2.7	
4-Bromophenyl-phenylether	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
4-Chloro-3-methylphenol	8270	<21	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
4-Chlorophenyl-phenylether	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
4-Methylphenol, 3-Methylphenol	8270	<10	U, D	<5.0	U	<6.0	U, D	5.2	D	4.2	J	2.6	
4-Nitrophenol	8270	<52	U, D	<10	U	<12	U, D	<10	U, D	<10	U	<1.1	
Acenaphthene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Acenaphthylene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Acetophenone	8270	0.0	U, D	0.0	U								
Aniline	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U		
Anthracene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Benz(a)anthracene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Benzo[a]pyrene	8270	<10	U, D	<5.0	E3, U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Benzo[b]fluoranthene	8270	<10	U, D	<5.0	E3, U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Benzo[g,h,i]perylene	8270	<10	U, D	<5.0	E3, U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Benzo[k]fluoranthene	8270	<10	U, D	<5.0	E3, U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Bis(2-Chloroethoxy)methane	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Bis(2-Chloroethyl)ether	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Bis(2-chloroisopropyl)ether	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Bis(2-Ethylhexyl)phthalate	8270	<10	U, D	200	D	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Butylbenzylphthalate	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Chrysene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Dibenz[a,h]anthracene	8270	<10	U, D	<5.0	E3, U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Dibenzofuran	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Diethylphthalate	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Dimethylphthalate	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Di-n-butylphthalate	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Di-n-octylphthalate	8270	<10	U, D	<5.0	E3, U	<6.0	U, D	<5.1	U, D	<5.0	V6, U	<1.1	
Fluoranthene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Fluorene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Hexachlorobenzene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	

Hexachlorobutadiene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Hexachlorocyclopentadiene	8270	<10	U, D	<10	U	<12	U, D	<10	U, D	<10	U	<1.1	
Hexachloroethane	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Indeno[1,2,3-cd]pyrene	8270	<10	U, D	<5.0	E3, U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Isophorone	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Naphthalene	8270	<10	U, D	11		13	D	17	D	13		6.3	
Nitrobenzene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
N-Nitrosodimethylamine	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Pentachloroethane	8270	<1.0	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U		
Pentachlorophenol	8270	<52	V6, U, D	<10	U	<12	U, D	<10	U, D	<10	U	<2.7	
Phenanthrene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Phenolics, Total Recoverable	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Pyrene	8270	<10	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U	<1.1	
Pyridine	8270	<21	U, D	<5.0	U	<6.0	U, D	<5.1	U, D	<5.0	U		

Table Notes:

ND - Not Detected

Data qualifiers and units are listed on the first page of this appendix

Grey's Landfill
Semi Volatile Organic Compounds (SVOCs) - Groundwater Monitoring Wells Analytical Results

Chemical Analyte	EPA Method	Well TS-01 (-7)											
		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date		Sampling Date	
		7/7/2009		10/26/2009		3/15/2010		6/3/2010					
		Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier	Result (ug/L)	Qualifier
1,2,4-Trichlorobenzene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
1,2-Dichlorobenzene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
1,3-Dichlorobenzene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
1,4-Dichlorobenzene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
2,4,5-Trichlorophenol	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
2,4,6-Trichlorophenol	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
2,4-Dichlorophenol	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
2,4-Dimethylphenol	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
2,4-Dinitrophenol	8270	<51	Z10, U, D	<11	U, D	<12	U, D	<11	U, D				
2,4-Dinitrotoluene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
2,6-Dinitrotoluene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
2-Chloronaphthalene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
2-Chlorophenol	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
2-Methylnaphthalene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
2-Methylphenol	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
2-Nitrophenol	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
3,3'-Dichlorobenzidine	8270	<20	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
4,6-Dinitro-2-methylphenol	8270	<51	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
4-Bromophenyl-phenylether	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
4-Chloro-3-methylphenol	8270	<20	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
4-Chlorophenyl-phenylether	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
4-Methylphenol, 3-Methylphenol	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
4-Nitrophenol	8270	<51	Z10, U, D	<11	U, D	<12	U, D	<11	U, D				
Acenaphthene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Acenaphthylene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Acetophenone	8270	0.0	Z10, U, D	0.0	U, D	0.0	U, D						
Aniline	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Anthracene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Benz(a)anthracene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Benzo[a]pyrene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Benzo[b]fluoranthene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Benzo[g,h,i]perylene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Benzo[k]fluoranthene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Bis(2-Chloroethoxy)methane	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Bis(2-Chloroethyl)ether	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Bis(2-chloroisopropyl)ether	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Bis(2-Ethylhexyl)phthalate	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Butylbenzylphthalate	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Chrysene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Dibenz[a,h]anthracene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Dibenzofuran	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Diethylphthalate	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Dimethylphthalate	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Di-n-butylphthalate	8270	<10	Z10, U, D	9.1	D	<6.2	U, D	<5.6	U, D				
Di-n-octylphthalate	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Fluoranthene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Fluorene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				
Hexachlorobenzene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D				

Hexachlorobutadiene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			
Hexachlorocyclopentadiene	8270	<10	Z10, U, D	<11	U, D	<12	U, D	<11	U, D			
Hexachloroethane	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			
Indeno[1,2,3-cd]pyrene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			
Isophorone	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			
Naphthalene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			
Nitrobenzene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			
N-Nitrosodimethylamine	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			
Pentachloroethane	8270	<1.0	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			
Pentachlorophenol	8270	<51	V6, Z10, U, D	<11	U, D	<12	U, D	<11	U, D			
Phenanthrene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			
Phenolics, Total Recoverable	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			
Pyrene	8270	<10	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			
Pyridine	8270	<20	Z10, U, D	<5.3	U, D	<6.2	U, D	<5.6	U, D			

Table Notes:

ND - Not Detected

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