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Date:
January14, 2009

ARCADIS Project No.:
NJ000604.0035

Subject:
Draft Technical Memorandum – Site-Wide Groundwater Sampling
September 2008 Sampling Event

ARCADIS U.S., Inc. (ARCADIS), on the behalf of Ford Motor Company, has prepared this Technical Memorandum to outline the results of the September 2008 Site-wide Groundwater Sampling Event for the Ringwood Mines/Landfill Site, Ringwood, New Jersey (Site). Detailed below is the scope of services that were performed between September 8 and September 22, 2008 in accordance with the approved July 26, 2004 Post-Environmental Monitoring Program Sampling Work Plan and the approved August 8, 2006 Groundwater Sampling Work Plan pursuant to the United States Environmental Protection Agency's ("EPA") April 7, 2006 request.

SCOPE OF WORK

ARCADIS performed groundwater sampling and monitored groundwater elevations on the following: wells OB-1 through OB-7, OB-10, OB-12, OB-13, OB-14A, OB-14B, OB-15B, OB-16, OB-17, OB-18, OB-19, OB-20A, OB-20B, OB-21, OB-22, OB-23, OB-24, OB-25, OB-26, RW-1, RW-2, RW-3, RW-4, RW-5, RW-5A, RW-6, RW-6A, and RW-7. Groundwater sampling was also conducted at directional wells SC-01 and SC-02 located within the Peters Mine Pit and Cannon Mine Pit, respectively. Additionally, water samples were collected from the Peters Mine air shaft. Sampling was not conducted on the recently-installed bedrock boreholes in the vicinity of the Cannon Mine Pit. Packer testing of these boreholes was conducted as part of the Cannon Mine Pit investigation during July 2008, and the results of that investigation will be submitted under separate cover. Well locations are shown on Figure 1. Well details are shown in Table 1.

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ARCADIS collected groundwater samples from each well using the groundwater sampling and analytical procedures documented in the Quality Assurance Project Plan. The wells were purged prior to sampling in compliance with the low-flow methods presented in the USEPA Ground Water Sampling SOP FINAL (March 1998). Purging data on groundwater field parameters (pH, oxygen-reduction potential [ORP], temperature, conductivity, and turbidity) and measured groundwater depths were recorded (see groundwater sampling logs in Attachments A and B). These data are summarized in Table 2 and Table 3.

As specified in the Post-Environmental Monitoring Program Sampling Work Plan, each sample was analyzed for Target Analyte List ("TAL") inorganic compounds, Target Compound List ("TCL") organic constituents, and anions [chloride, sulfate, carbonate, and bicarbonate, nitrate, and phosphate].[1] Samples were not analyzed for pesticides based on prior approval from the USEPA dated April 2, 2007.

The samples were analyzed at the laboratory using the following SW-846 methodology as described in the USEPA-approved QAPP (May 2004):

- Volatile Organics – USEPA Method 8260B
- Semi-Volatile Organics – USEPA Method 8270C
- Metals – USEPA Methods 6010B/7470A
- PCBs – USEPA Methods 8082
- Cyanide – USEPA Method 9012A

Table 4 identifies the sampling intervals tested on the bedrock wells during the September 2008 Site-wide Groundwater Sampling Event. Individual bedrock sampling intervals were isolated using inflatable packers.

RESULTS

A total of 43 groundwater samples were collected from 34 wells and the Peters Mine air shaft at the Ringwood Mines/Landfill Site. These included 25 shallow groundwater wells, consisting of 14 wells installed in an unconsolidated layer, 2 wells constructed from soil borings, and 9 wells installed in shallow

[1] The cations (calcium, magnesium, potassium, and sodium) are included as target metals in the TAL inorganic compound analysis protocol.

bedrock. Samples were also collected at 9 deeper bedrock groundwater wells. The deep groundwater samples were collected at depths ranging from 11 to 461.5 feet below ground surface (bgs).

Required quality control samples were obtained in accordance with NJDEP and Quality Assurance Project Plan (QAPP) procedures specified in the Work Plan. Both unfiltered (total metal) and filtered groundwater samples were analyzed for metals in order to acquire analytical data reflective of actual groundwater conditions.

All sample results were reviewed and validated by ARCADIS in accordance with the QAPP. Validation qualifiers and comments were added to the data tables as appropriate. No data that included detected target compounds were invalidated. Bis(2-ethylhexyl)phthalate was detected in a field blank P-FB(080912) (field blank water in contact with transducer cable and inflatable packers) at a concentration of 30.9 micrograms per liter (µg/L). This sample result may account for consistent detections of low concentrations of the semi-volatile organic compound in samples collected from bedrock wells where transducers and packers were used in the groundwater sample collection process. Benzene was detected in field blank FIELDBLANK(080911) at a concentration of 187 µg/L.

Groundwater samples could not be collected from two sampling intervals within bedrock well RW-2 due to insufficient water within the packered intervals. These intervals were located at depths of 162-192 feet below ground surface (bgs) and 442-472 feet bgs.

The results of the September 2008 Site-Wide Groundwater Sampling event are presented on Figure 2, and summarized within Table 5. The results of these analyses were compared to NJDEP's Class IIA Ground Water Quality Standards (GWQS), including certain metals for which NJDEP's GWQS are based on EPA's non-health-based secondary, aesthetic standards (e.g., aluminum, iron, manganese, sodium, and zinc – See N.J.A.C. 7:9-6, et seq).

Groundwater Levels and Flow Directions

Groundwater levels vary at the site depending upon topography with groundwater shallower on the slopes of hills and ridges and becoming deeper towards the valley center. Depths to groundwater range from several feet to approximately 60 feet below the ground surface. Overall, groundwater at the site flows down the valley in a southeasterly direction towards Mine Brook and Ringwood Creek.

<u>Peters Mine Pit Area</u>

Groundwater flow in the Peters Mine Pit area is to the southeast sub-parallel to the course of Park Brook and away from the slopes of Whaleback and Hope Mountains. A map showing groundwater elevations and flow directions in the Peters Mine Pit Area during September 2008 is presented as Figure 3.

O'Connor Disposal Area

Groundwater flow in the O'Connor Disposal Area is to the southeast sub-parallel to Park Brook and away from the slope of Whaleback Mountain. A map showing groundwater elevations and flow directions in the O'Connor Disposal Area during September 2008 is presented as Figure 4.

Cannon Mine Pit Area

Groundwater flow in the Cannon Mine Pit Area is to the southeast toward Mine Brook based on September 2008 and previous data from July 2008. A map showing groundwater elevations and flow directions in the Cannon Mine Pit Area during July and September 2008 is presented on Figure 5.

Cannon Mine Pit is located on a finger-like ridge and groundwater most likely flows away from the crown of the ridge in a manner similar to storm-water runoff. The crown of the ridge represents an approximate location of a groundwater divide. Well OB-3, located at the base of the western slope of the ridge (SR-6 area), typically has artesian water levels and is near an historical groundwater seep. This is indicative of groundwater flowing from the Cannon Mine pit area to the southwest toward Mine Brook, which wraps around the ridge as the brook flows toward Ringwood Creek.

The Cannon Mine pit breeches the crown of the ridge and thereby the trace of the groundwater divide. The presence of the Cannon Mine pit affects groundwater flow by creating alternate directions for both shallow and deeper groundwater flow that may locally reverse groundwater gradients and cause groundwater to flow toward the pit with this groundwater eventually flowing southwest instead of to the southeast[2].

Volatile Organic Compounds

Shallow Groundwater

- Unconsolidated and Directional Wells

  None of the VOCs on the target compound list were detected above the GWQS in groundwater samples collected from 16 unconsolidated and directional wells.

- Shallow Bedrock Wells

[2] Groundwater elevations of the deep bedrock wells were used from the July 2008 sampling event, part of the Cannon Mine Investigation. Elevations were taken from the most shallow packer intervals (as shown on Figure 2).

None of the VOCs on the target compound list were detected above GWQS in groundwater samples collected from the shallow bedrock wells.

Deeper Groundwater

VOCs were detected above the GWQS in 5 of the 9 bedrock wells. Benzene exceeded the GWQS of 1.0 µg/L in samples collected from RW-1, RW-2, RW-4, RW-6, and RW-6A. Benzene concentrations ranged from 2.0 to 43.8 µg/L.

Peters Mine Air Shaft

Water samples collected from the Peters Mine Pit Area exceeded the GWQS of 1.0 µg/L for benzene in samples from depths of 180 feet (26.4 µg/L) and 230 feet (29.1 µg/L) below ground surface.

Semi-volatile Organic Compounds

Shallow Groundwater

- Unconsolidated and Directional Wells

  SVOCs were not detected at concentrations above GWQS in the groundwater collected from the 16 shallow groundwater monitoring wells.

- Shallow Bedrock Wells

  SVOCs were not detected at concentrations above GWQS in groundwater collected from the 9 monitoring wells installed into shallow bedrock.

Deep Groundwater

SVOCs were not detected in groundwater samples collected from the deeper bedrock wells at concentrations above the GWQS, except for bis(2-ethylhexyl)phthalate. Bis(2-ethylhexyl)phthalate was detected above the GWQS of 3 µg/L in samples collected from RW-2, from 103 feet to 133 feet (3.2 µg/L), RW-3 (8.5 µg/L) and RW-6 (3.7 µg/L).

Peters Mine Air Shaft

SVOCs were not detected in groundwater samples collected from the air shaft at concentrations above the NJDEP GWQS.

Polychlorinated Biphenyls (PCBs)

None of the 7 PCB arochlors were detected in any of the shallow or deep groundwater samples collected from the monitoring wells and the air shaft.

Metals

Shallow Groundwater

- Unconsolidated and Directional Wells

  Lead was not detected above the GWQS of 5 µg/L in 14 of the 16 samples collected from wells installed in the unconsolidated unit. Unfiltered samples collected from monitoring wells OB-25 and SC-01 were above the GWQS at 45.7 and 6.2 µg/L, respectively. Lead was not detected above the GWQS for any filtered groundwater samples.

  Arsenic was detected above the GWQS of 3 µg/L in 5 of the 16 unfiltered samples. The samples that exceeded the GWQS in and around the O'Connor disposal area were collected from wells OB-16 (7.4 µg/L) and OB-25 (19.8 µg/L). Monitoring wells OB-19, OB-20A, and OB-20B that are downgradient of Peters Mine Pit exceeded the GWQS with arsenic concentrations of 4, 7.8, and 3.8 µg/L, respectively. Arsenic was not detected above the GWQS in any of the filtered samples collected from the unconsolidated wells.

  Iron was detected above the GWQS of 300 µg/L in 12 of the 16 unfiltered samples collected from the shallow monitoring wells. The iron exceedences ranged from 511 µg/L to 69,500 µg/L. Manganese was detected above the GWQS of 50 µg/L in 14 of the 16 unfiltered samples collected from the monitoring wells, ranging in concentration from 64.5 µg/L to 7,060 µg/L. Aluminum was detected above the GWQS in 6 of the 16 unfiltered samples collected from the shallow monitoring wells, ranging in concentration from 367 µg/L to 43,100 µg/L. Two samples exceeded the GWQS of 1 µg/L for beryllium at wells OB-14B (2.6 µg/L) and OB-25 (1.4 µg/L).

  Besides Iron and Manganese, there were no exceedences above the GWQS in any of the filtered samples collected from the unconsolidated wells.

- Shallow Bedrock Wells

  Lead was not detected above the GWQS of 5 µg/L in either filtered or unfiltered samples collected from the groundwater monitoring wells installed in shallow bedrock. Arsenic was also not detected above the GWQS of 3 µg/L in either filtered or unfiltered samples collected from groundwater monitoring wells installed in shallow bedrock.

Iron was detected above the GWQS of 300 µg/L in 5 of the 9 unfiltered samples collected from the shallow bedrock wells; concentrations ranged from 590 to 21,600 µg/L. Manganese was detected in 4 of the 9 unfiltered samples at concentrations exceeding the GWQS of 50 µg/L, ranging from 680 µg/L to 4670 µg/L.

Besides Iron and Manganese, there were no exceedences above the GWQS in any of the filtered samples collected from the shallow bedrock wells.

Deeper Groundwater:

Lead was detected above the GWQS of 5 µg/L in one of the 19 samples collected from the 9 bedrock wells. The unfiltered sample collected at RW-2 from 279 feet to 309 feet had a lead concentration of 21.2 µg/L. Arsenic was detected above the GWQS of 3 µg/L in one unfiltered and one filtered sample collected from RW-5A at 10 µg/L and 9.7µg/L, respectively.

Iron concentrations exceeded the NJDEP GWQS of 300 µg/L in 11 of 17 unfiltered samples and 5 of 17 filtered samples in 9 deep bedrock wells. Manganese exceeded its GWQS in 9 of 17 unfiltered samples and in 10 of 17 filtered samples. Aluminum, sodium, and zinc exceeded NJDEP's GWQS in two or more unfiltered samples.

Besides Iron and Manganese, there were no exceedences above the GWQS in any of the other filtered samples collected from the deeper bedrock wells.

Peters Mine Air Shaft

Iron concentrations exceeded the GWQS of 500 µg/L in both filtered and unfiltered samples collected from both depth intervals in the air shaft. The unfiltered iron concentrations were 147,000 µg/L and 169,000 µg/L for the two respective depth intervals of 180 feet and 230 feet. Manganese exceeded its GWQS in two unfiltered samples at 230 feet below ground surface (2,810 µg/L), and at 180 feet bgs (2,400 µg/L).

Iron and Manganese also exceeded the GWQS in the filtered samples collected from the Peters Mine Air Shaft.

Comparison with Historical Results

The September 2008 groundwater sampling event results are consistent with the sample results obtained during the April 2008 sampling event with some minor exceptions. Differences include the presence of some constituents in wells that have historically not been detected. Samples collected from wells RW-1,

RW-2, and RW-4 exceeded standards for benzene; samples collected from RW-3 exceeded standards for bis(2-ethylhexyl)phthalate. Samples collected from monitoring wells OB-17 and OB-24 exceeded standards for aluminum.

Recent groundwater sampling results (2007 and 2008) are mostly consistent with previous groundwater sampling which has been conducted at the site from 1984 to 2004. The sampling results indicate that there is not a site-wide or extensive plume of impacted groundwater. Detections of constituents of concern above guidance levels have been limited, and sporadic. Actual exceedances of the NJDEP GWQS have been few. Historical groundwater sampling results showing exceedances of select NJDEP GWQSs are presented in Table 6.

CONCLUSIONS

The following conclusions may be drawn based on the results of groundwater sampling conducted at the Site in September 2008 and historical groundwater sampling results.

Groundwater Flow

Water table conditions are observed in the saturated overburden and in shallow bedrock where the overburden cover is thin or not present. Groundwater flow in the overburden (Peters Mine Pit Area and O'Connor Disposal Area) follows the major surface water drainage patterns with the flow directions to the southeast toward Ringwood Creek. Groundwater within the bedrock appears to flow toward Ringwood Creek (Peters Mine Pit Area) and toward both Mine Brook and Ringwood Creek (Cannon Mine Pit Area); directions that are similar to overburden groundwater flow.

Analytical Results

<u>Shallow Groundwater (Overburden Wells and Shallow Bedrock Wells)</u>

Shallow groundwater is monitored by overburden wells in the Peters Mine Pit and O'Connor Disposal Area, and by shallow bedrock wells in the Cannon Mine area and St. George Pit/Miller Pit area. Only low level detections of VOCs and SVOCs have been historically noted and they are primarily limited to the vicinity of Peters Mine Pit, with no benzene exceedances of the NJDEP GWQS during the September 2008 sampling event (Table 6). There were no detections of PCBs in any of the groundwater samples collected from shallow groundwater monitoring wells.

Lead concentrations exceeded the NJDEP GWQS at the directional well in Peters Mine Pit (6.2 µg/L) and the upgradient well of the O'Connor Disposal Area (45.7 µg/L). Arsenic concentration exceeded the GWQS of 3 µg/L at three downgradient monitoring wells at Peters Mine Pit, OB-19, OB-20A, OB-20B, and the upgradient well of the O'Connor Disposal Area, OB-25.

As previously noted, Iron and manganese exceedances of the NJDEP GWQS were widespread, with concentrations in most of the groundwater samples collected from the shallow groundwater monitoring wells. Comparison of filtered to unfiltered overburden groundwater sample results shows that for metals other than iron, manganese and beryllium, detections in unfiltered samples are typically not detected in the filtered results. This indicates that aluminum, arsenic, and lead are not dissolved in groundwater but are associated with suspended solids (as a mineral or sorbed to colloidal particles).

Dissolved iron and manganese exceeded their respective GWQSs in most of the filtered samples in overburden wells. Approximately 35% of the total iron was in the dissolved phase, and 90% of the detected Manganese was in the dissolved state. Because of the widespread presence of iron and manganese that exceeds their respective GWQSs in the vicinity of Peters Mine Pit and the O'Connor Disposal Area, shallow groundwater in overburden does not meet NJDEP's criteria for Class II-A classification.

Bedrock Wells

Shallow and deeper groundwater within bedrock is monitored by a network of wells in the Peters Mine Pit and O'Connor Disposal Area that are completed below the overburden within deeper bedrock, and by shallow and deeper bedrock wells in the Cannon Mine area and St. George Pit/Miller Pit area (saturated overburden is not present in these areas).

VOCs were detected in the vicinity of Peters Mine Pit, with benzene exceeding its NJDEP GWQS in the samples collected from wells RW-6, RW-6A and the air shaft. Benzene also exceeded the NJDEP GWQS in background monitoring wells RW-1 and RW-2. This is the first presence of benzene in background wells that have exceeded GWQS in historical sampling events (Table 6). There were no SVOC detections above the NJDEP GWQS, with the exception of bis-(2-ethylhexyl)phthalate, which was detected in the bedrock wells at various, but not all, depth intervals. As noted during previous sampling events, there were no detections of PCBs in any of the groundwater samples collected from shallow or deeper bedrock groundwater monitoring wells.

Lead and arsenic were each detected above their respective NJDEP GWQS in only 1 of 19 deeper bedrock samples collected during this sampling event. Iron and manganese exceedances of the NJDEP GWQS were widespread, with elevated concentrations in most of the groundwater samples collected from the shallow and deeper bedrock groundwater monitoring wells.

Comparison of filtered to unfiltered bedrock groundwater sample results shows that for other than iron and manganese, metals are typically not detected in the filtered results. This indicates that these metals (aluminum, arsenic, and lead) are not dissolved in groundwater but are suspended solids (as a mineral or sorbed to colloidal particles). Because of the widespread presence of iron and manganese at

concentrations that exceed their respective NJDEP GWQS, shallow and deeper groundwater in bedrock does not meet the NJDEP's criteria for Class II-A classification for potable water supply.

Detections of constituents of potential concern other than iron and manganese were sporadic and below the NJDEP GWQS, with the exception of one bedrock well (RW-2) in the vicinity of the Cannon Mine Area. Zinc was detected in this well at concentrations exceeding the NJDEP GWQS at depths of 103 to 309 ft bgs. Both chloride and sodium were also present in this well at the intervals ranging from 20-309 bgs.

Present groundwater quality is consistent with historical patterns observed from 1984 through April 2008. Constituents of concern are not present in the groundwater in any consistent pattern. Based on concentrations of iron and manganese in groundwater, water quality at the site is non-potable.

Groundwater at the site is not used for drinking water.

RECOMMENDATIONS

Based on the results of this groundwater sampling event and prior historical groundwater analytical results, Ford again requests that:

1. PCBs be deleted from the analyte parameter list because PCBs have not been detected in groundwater in any samples from any of the monitoring wells from any of the monitoring events;
2. Cyanide be deleted from the analyte parameter list because cyanide has not been detected in groundwater in any samples from any of the monitoring wells from any of the monitoring events;
3. Carbonate and bicarbonate be deleted from the analyte parameter list because the groundwater samples are tested for alkalinity and the monitoring data show that the alkalinity value (as carbonate/bicarbonate) is almost always all carbonate;
4. Nitrate, nitrite, and phosphate be deleted from the analyte parameter list because these anions are rarely detected and when detected are at only trace concentrations;
5. The TCL for VOCs and SVOCs be limited to (benzene, ethylbenzene, toluene, xylenes, isopropylbenzene, 1,1-dichloroethane, chloroethane and bis(2-ethylhexyl)phthalate) as these are the predominant organic compounds detected with other organic compounds on the TCL either never detected or detected sporadically at trace concentrations with no exceedances of NJGWQS;
6. Monitoring wells OB-1, OB-6, OB-7, OB-10, OB-12, and OB-13 be dropped from the list of wells to be sampled because there have been no detections of constituents of concern or

there have been only some sporadic detections at trace concentrations with no exceedances of NJGWQS;

7. The packer sampling intervals at wells RW-2 and RW-4 be reduced as follows –
    a. at RW-2 eliminate the 19-49 foot depth interval because the interval overlaps with the slotted casing interval with adjacent well OB-4 (the 4 deeper intervals will remain unchanged, however further recommendations may be made based on future results from the Cannon Mine Pit investigation, and the inability of some zones to produce sufficient water on a consistent basis for sample collection); and
    b. at RW-4 eliminate the 328-348 foot depth interval because there has been no exceedances of the GWQS for the past 3 semi-annual sampling events (the 55-77 foot, 108-128 foot, and 388-409 foot depth intervals will remain unchanged).

8. Permanent well nests or flutes should be installed at the current locations of bedrock wells RW-1, RW-2, and RW-4 to eliminated potential sampling impacts associated with the packer assemblies. The number and depths of these wells will be based on historical analytical results and proposed to the USEPA and NJDEP under separate cover.

9. Sampling should be conducted on an annual (rather than semi-annual) basis as the sampling results clearly show little change from event to event, with actual analytical results varying by small amounts upward or downward from event to event. The data collected from extra yearly events is no longer providing additional information that increases the understanding of site groundwater issues.

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Table 1. Summary of Ground Water Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Sample ID		OB-1(080908)	OB-4(080910)	OB-5(080909)	OB-6(080908)	OB-7(080910)	OB-7(080910) Dup	OB-10(080910)	OB-12(080909)	OB-13(080910)	OB-14A(080911)	OB-14B(080911)
Sample Date	**GWQS[1]**	**9/8/2008**	**9/10/2008**	**9/9/2008**	**9/8/2008**	**9/10/2008**	**9/10/2008**	**9/10/2008**	**9/9/2008**	**9/10/2008**	**9/11/2008**	**9/11/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
VOCs												
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*
1,2-Dibromoethane	0.03 [0.5]	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
cis-1,3-Dichloropropene	NS	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Methyl acetate	7000	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Methyl tert butyl ether	70	< 0.16	< 0.16	3.9	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	0.64 J	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Xylenes	1,000	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	0	0	0	0	0	0	0	0	0	0	0

Table 1. Summary of Ground Water Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Sample ID		OB-1(080908)	OB-4(080910)	OB-5(080909)	OB-6(080908)	OB-7(080910)	OB-7(080910) Dup	OB-10(080910)	OB-12(080909)	OB-13(080910)	OB-14A(080911)	OB-14B(080911)
Sample Date	**GWQS[1]**	**9/8/2008**	**9/10/2008**	**9/9/2008**	**9/8/2008**	**9/10/2008**	**9/10/2008**	**9/10/2008**	**9/9/2008**	**9/10/2008**	**9/11/2008**	**9/11/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs												
1,1'-Biphenyl	400	< 0.55	< 0.6	< 0.56	< 0.55	< 0.6	< 0.55	< 0.58	< 0.61	< 0.58	< 0.57	< 0.58
1,2,4-Trichlorobenzene	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	700	< 2	< 2.2	< 2	< 2	< 2.2	< 2	< 2.1	< 2.2	< 2.1	< 2.1	< 2.1
2,4,6-Trichlorophenol	20	< 1.6	< 1.7	< 1.6	< 1.6	< 1.7	< 1.6	< 1.7	< 1.7	< 1.7	< 1.6	< 1.7
2,4-Dichlorophenol	20	< 1.9	< 2.1	< 2	< 1.9	< 2.1	< 1.9	< 2	< 2.1	< 2	< 2	< 2
2,4-Dimethylphenol	100	< 2	< 2.2	< 2	< 2	< 2.2	< 2	< 2.1	< 2.2	< 2.1	< 2.1	< 2.1
2,4-Dinitrophenol	40	< 4.2	< 4.6	< 4.3	< 4.2	< 4.6	< 4.2	< 4.4	< 4.6	< 4.4	< 4.3	< 4.4
2,4-Dinitrotoluene	NS	< 0.45	< 0.5	< 0.46	< 0.45	< 0.5	< 0.45	< 0.48	< 0.5	< 0.48	< 0.47	< 0.48
2,6-Dinitrotoluene	NS	< 0.6	< 0.66	< 0.61	< 0.6	< 0.66	< 0.6	< 0.63	< 0.67	< 0.63	< 0.63	< 0.63
2-Chloronaphthalene	600	< 0.48	< 0.53	< 0.49	< 0.48	< 0.53	< 0.48	< 0.51	< 0.54	< 0.51	< 0.5	< 0.51
2-Chlorophenol	40	< 1.5	< 1.6	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	< 1.5
2-Methylnaphthalene	NS	< 0.43	< 0.48	< 0.44	< 0.43	< 0.47	< 0.43	< 0.46	< 0.48	< 0.46	< 0.45	< 0.46
2-Methylphenol	NS	< 1.4	< 1.5	< 1.4	< 1.4	< 1.5	< 1.4	< 1.4	< 1.5	< 1.4	< 1.4	< 1.4
2-Nitroaniline	NS	< 0.45	< 0.49	< 0.45	< 0.45	< 0.49	< 0.45	< 0.47	< 0.49	< 0.47	< 0.46	< 0.47
2-Nitrophenol	NS	< 1.9	< 2.1	< 2	< 1.9	< 2.1	< 1.9	< 2	< 2.1	< 2	< 2	< 2
3&4-Methylphenol	NS	< 1.5	< 1.6	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	< 1.6	< 1.5	< 1.5	< 1.5
3,3'-Dichlorobenzidine	30	< 4.6	< 5	< 4.6	< 4.6	< 5	< 4.6	< 4.8	< 5.1	< 4.8	< 4.7	< 4.8
3-Nitroaniline	NS	< 0.45	< 0.49	< 0.46	< 0.45	< 0.49	< 0.45	< 0.47	< 0.5	< 0.47	< 0.47	< 0.47
4,6-Dinitro-2-methylphenol	NS	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2
4-Bromophenyl phenyl ether	NS	< 0.41	< 0.45	< 0.42	< 0.41	< 0.45	< 0.41	< 0.43	< 0.46	< 0.43	< 0.43	< 0.43
4-Chloro-3-Methylphenol	NS	< 2.3	< 2.5	< 2.3	< 2.3	< 2.5	< 2.3	< 2.4	< 2.5	< 2.4	< 2.4	< 2.4
4-Chloroaniline	30	< 0.33	< 0.37	< 0.34	< 0.33	< 0.37	< 0.33	< 0.35	< 0.37	< 0.35	< 0.35	< 0.35
4-Chlorophenyl phenyl ether	NS	< 0.45	< 0.5	< 0.46	< 0.45	< 0.5	< 0.45	< 0.48	< 0.5	< 0.48	< 0.47	< 0.48
4-Nitroaniline	NS	< 0.45	< 0.5	< 0.46	< 0.45	< 0.5	< 0.45	< 0.48	< 0.5	< 0.48	< 0.47	< 0.48
4-Nitrophenol	NS	< 2.3	< 2.5	< 2.3	< 2.3	< 2.5	< 2.3	< 2.4	< 2.5	< 2.4	< 2.3	< 2.4
Acetophenone	700	< 0.47	< 0.51	< 0.48	< 0.47	< 0.51	< 0.47	< 0.49	< 0.52	< 0.49	< 0.49	< 0.49
Atrazine	3	< 0.62	< 0.68	< 0.63	< 0.62	< 0.67	< 0.62	< 0.65	< 0.68	< 0.65	< 0.64	< 0.65
Benzaldehyde	NS	< 1.6	< 1.8	< 1.6	< 1.6	< 1.8	< 1.6	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7
Benzyl butyl phthalate	100	< 0.42	< 0.46	< 0.43	< 0.42	< 0.46	< 0.42	< 0.44	< 0.46	< 0.44	< 0.44	< 0.44
bis(2-Chloroethoxy)methane	NS	< 0.52	< 0.57	< 0.53	< 0.52	< 0.57	< 0.52	< 0.54	< 0.57	< 0.54	< 0.54	< 0.54
bis(2-Chloroethyl)ether	7	< 0.49	< 0.54	< 0.5	< 0.49	< 0.54	< 0.49	< 0.52	< 0.55	< 0.52	< 0.51	< 0.52
bis(2-Chloroisopropyl)ether	300	< 0.54	< 0.6	< 0.56	< 0.54	< 0.59	< 0.54	< 0.57	< 0.6	< 0.57	< 0.57	< 0.57
bis(2-Ethylhexyl)phthalate	3	< 0.75	< 0.82	< 0.77	< 0.75	< 0.82	< 0.75	< 0.79	< 0.83	< 0.79	< 0.78	< 0.79
Caprolactam	NS	< 0.63	< 0.69	< 0.64	< 0.63	< 0.68	< 0.63	< 0.66	< 0.7	< 0.66	< 0.65	< 0.66
Carbazole	NS	< 0.45	< 0.49	< 0.46	< 0.45	< 0.49	< 0.45	< 0.47	< 0.5	< 0.47	< 0.47	< 0.47
Dibenzofuran	NS	< 0.49	< 0.54	< 0.5	< 0.49	< 0.53	< 0.49	< 0.51	< 0.54	< 0.51	< 0.51	< 0.51
Diethyl phthalate	6000	< 0.36	< 0.4	< 0.37	< 0.36	< 0.39	< 0.36	< 0.38	< 0.4	< 0.38	< 0.38	< 0.38
Dimethyl phthalate	NS	< 0.36	< 0.4	< 0.37	< 0.36	< 0.39	< 0.36	< 0.38	< 0.4	< 0.38	< 0.38	< 0.38
di-n-butyl phthalate	700	< 0.5	< 0.55	< 0.51	< 0.5	< 0.55	< 0.5	< 0.53	< 0.55	< 0.53	< 0.52	< 0.53
di-n-octylphthalate	100	< 0.5	< 0.55	< 0.51	< 0.5	< 0.54	< 0.5	< 0.52	< 0.55	< 0.52	< 0.52	< 0.52
Hexachlorobutadiene	1	< 0.38	< 0.41	< 0.38	< 0.38	< 0.41	< 0.38	< 0.39	< 0.42	< 0.39	< 0.39	< 0.39
Hexachlorocyclopentadiene	40	< 4.5	< 5	< 4.6	< 4.5	< 5	< 4.5	< 4.8	< 5	< 4.8	< 4.7	< 4.8
Hexachloroethane	7	< 0.3	< 0.33	< 0.31	< 0.3	< 0.33	< 0.3	< 0.32	< 0.33	< 0.32	< 0.31	< 0.32
Isophrone	40	< 0.69	< 0.76	< 0.71	< 0.69	< 0.76	< 0.69	< 0.73	< 0.77	< 0.73	< 0.72	< 0.73
Nitrobenzene	6	< 0.66	< 0.72	< 0.67	< 0.66	< 0.72	< 0.66	< 0.69	< 0.73	< 0.69	< 0.69	< 0.69
N-Nitroso-di-n-Propylamine	10	< 0.39	< 0.43	< 0.4	< 0.39	< 0.43	< 0.39	< 0.41	< 0.44	< 0.41	< 0.41	< 0.41
N-Nitrosodiphenylamine	10	< 0.61	< 0.67	< 0.62	< 0.61	< 0.66	< 0.61	< 0.64	< 0.67	< 0.64	< 0.63	< 0.64
Phenol	2000	< 1.4	< 1.5	< 1.4	< 1.4	< 1.5	< 1.4	< 1.4	< 1.5	< 1.4	< 1.4	< 1.4
Total TIC, Semi-Volatile	NS	0	21 J	7.3 J	4.6 J	11 J	11 J	0	9.1 J	0	208.8 J	0

Table 1. Summary of Ground Water Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Sample ID		OB-1(080908)	OB-4(080910)	OB-5(080909)	OB-6(080908)	OB-7(080910)	OB-7(080910) Dup	OB-10(080910)	OB-12(080909)	OB-13(080910)	OB-14A(080911)	OB-14B(080911)
Sample Date	**GWQS[1]**	**9/8/2008**	**9/10/2008**	**9/9/2008**	**9/8/2008**	**9/10/2008**	**9/10/2008**	**9/10/2008**	**9/9/2008**	**9/10/2008**	**9/11/2008**	**9/11/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs BY SIM												
Acenaphthene	400	< 0.016	< 0.018	< 0.016	< 0.016	< 0.017	< 0.016	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Acenaphthylene	NS	< 0.007	< 0.0077	< 0.007	< 0.007	< 0.0077	< 0.007	< 0.0074	< 0.0076	< 0.0074	< 0.0073	< 0.0074
Anthracene	2000	< 0.021	< 0.023	< 0.021	< 0.021	< 0.023	< 0.021	< 0.022	< 0.023	< 0.022	< 0.022	< 0.022
Benzo(a)anthracene	0.1 [0.2]	< 0.034	< 0.037	< 0.034	< 0.034	< 0.037	< 0.034	< 0.035	< 0.037	< 0.035	< 0.035	< 0.035
Benzo(a)pyrene	0.1 [0.2]	< 0.036	< 0.039	< 0.036	< 0.036	< 0.039	< 0.036	< 0.037	< 0.039	< 0.037	< 0.037	< 0.037
Benzo(b)fluoranthene	0.2 [10]	< 0.017	< 0.019	< 0.017	< 0.017	< 0.019	< 0.017	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018
Benzo(g,h,i)perylene	NS	< 0.012	< 0.013	< 0.012	< 0.012	< 0.013	< 0.012	< 0.012	< 0.013	< 0.012	< 0.012	< 0.012
Benzo(k)fluoranthene	0.5	< 0.019	< 0.021	< 0.019	< 0.019	< 0.021	< 0.019	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chrysene	5	< 0.018	< 0.019	< 0.018	< 0.018	< 0.019	< 0.018	< 0.019	< 0.019	< 0.019	< 0.018	< 0.019
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.02	< 0.022	< 0.02	< 0.02	< 0.022	< 0.02	< 0.021	< 0.022	< 0.021	< 0.021	< 0.021
Fluoranthene	300	< 0.0096	< 0.011	< 0.0096	< 0.0096	< 0.01	< 0.0096	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluorene	300	< 0.02	< 0.022	< 0.02	< 0.02	< 0.021	< 0.02	< 0.021	< 0.021	< 0.021	< 0.02	< 0.021
Hexachlorobenzene	0.02 [10]	< 0.0099	< 0.011	< 0.0099	< 0.0099	< 0.011	< 0.0099	< 0.01	< 0.011	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.014	< 0.016	< 0.014	< 0.014	< 0.016	< 0.014	< 0.015	< 0.016	< 0.015	< 0.015	< 0.015
Naphthalene	300	< 0.014	< 0.015	< 0.014	< 0.014	< 0.015	< 0.014	< 0.015	< 0.015	< 0.015	< 0.014	< 0.015
Pentachlorophenol	0.3 [1]	< 0.22	< 0.25	< 0.22	< 0.22	< 0.24	< 0.22	< 0.23	< 0.24	< 0.23	< 0.23	< 0.23
Phenanthrene	NS	< 0.017	< 0.019	< 0.017	< 0.017	< 0.019	< 0.017	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018
Pyrene	200	< 0.012	< 0.013	< 0.012	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
PCBs												
PCB 1016	0.5	< 0.096	< 0.094	< 0.11	< 0.094	< 0.094	< 0.094	< 0.094	< 0.096	< 0.094	< 0.098	< 0.096
PCB 1221	0.5	< 0.48	< 0.47	< 0.54	< 0.47	< 0.47	< 0.47	< 0.47	< 0.48	< 0.47	< 0.49	< 0.48
PCB 1232	0.5	< 0.4	< 0.39	< 0.45	< 0.39	< 0.39	< 0.39	< 0.39	< 0.4	< 0.39	< 0.41	< 0.4
PCB 1242	0.5	< 0.17	< 0.16	< 0.19	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17	< 0.16	< 0.17	< 0.17
PCB 1248	0.5	< 0.16	< 0.15	< 0.18	< 0.15	< 0.15	< 0.15	< 0.15	< 0.16	< 0.15	< 0.16	< 0.16
PCB 1254	0.5	< 0.11	< 0.11	< 0.13	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
PCB 1260	0.5	< 0.12	< 0.12	< 0.13	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0	0
Metals - Total												
Aluminum	200	< 24	24.7 B	94.4 B	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	2 B
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	2.3 B	2 B
Barium	2000	5.5 B	30.4 B	23.3 B	32.3 B	17.1 B	16.7 B	10.4 B	2 B	6.7 B	513	40.2 B
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	**2.6**
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Calcium	NS	7380	33000	96300	48000	76100	73100	14800	8500	17400	121000	91200
Chromium	70	< 0.53	0.7 B	< 0.53	< 0.53	1.9 B	1.4 B	3.2 B	< 0.53	< 0.53	1.7 B	1 B
Cobalt	NS	< 0.51	1.7 B	1.4 B	6.9 B	3.5 B	3.1 B	< 0.51	< 0.51	< 0.51	0.7 B	< 0.51
Copper	1,300	< 2.5	< 0.7	0.76 B	< 2.5	2.2 B	2.3 B	< 0.7	1.9 B	< 0.7	< 2.5	< 0.7
Iron	300	< 7.4	**2540**	**21600**	**3030**	**1940**	**1680**	71.5 B	< 7.4	20.1 B	**34700**	**516**
Lead	5	< 1.4	< 1.4	1.7 B	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Magnesium	NS	2340 B	9040	50200	11400	30400	29200	3730 B	3440 B	6220	11800	27500
Manganese	50	< 0.24	**680**	**1740**	**4670**	**2510**	**2350**	**87.2**	0.7 B	1.8 B	**773**	**1560**
Mercury	2	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	0.074 B	< 0.049	< 0.049	< 0.049
Nickel	100	< 1.2	1.3 B	< 1.2	< 1.2	3.5 B	3.4 B	1.6 B	< 1.2	1.2 B	< 1.2	< 1.2
Potassium	NS	237 B	1760 B	3280 B	2350 B	2920 B	2830 B	1370 B	696 B	1330 B	NA	NA
Potassium	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	6670 B	2840 B
Selenium	40	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	2330 B	41300	26800	42700	10700	10500	3830 B	2400 B	3370 B	15000	19800
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	1.3 B
Vanadium	NS	< 0.43	0.6 B	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	0.7 B	1.8 B	< 0.43
Zinc	2000	< 4	7.4 B	6.8 B	< 4	< 4	< 4	< 4	< 4	4.5 B	5 B	6.5 B

Table 1. Summary of Ground Water Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Sample ID		**OB-1(080908)**	**OB-4(080910)**	**OB-5(080909)**	**OB-6(080908)**	**OB-7(080910)**	**OB-7(080910) Dup**	**OB-10(080910)**	**OB-12(080909)**	**OB-13(080910)**	**OB-14A(080911)**	**OB-14B(080911)**
Sample Date	**GWQS[1]**	**9/8/2008**	**9/10/2008**	**9/9/2008**	**9/8/2008**	**9/10/2008**	**9/10/2008**	**9/10/2008**	**9/9/2008**	**9/10/2008**	**9/11/2008**	**9/11/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
Metals - Dissolved												
Aluminum	200	< 24	< 24	109 B	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	2.6 B
Barium	2000	5 B	29.7 B	14.4 B	29.5 B	15.9 B	15.4 B	10.5 B	2 B	7.1 B	429	38.8 B
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	0.2 B	< 0.15	< 0.15	< 0.15	**2.8**
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Calcium	NS	7130	34000	91400	45800	75900	71400	14700	8140	17300	117000	91400
Chromium	70	< 0.53	0.8 B	< 0.53	< 0.53	1.6 B	1 B	< 0.53	< 0.53	< 0.53	0.9 B	< 0.53
Cobalt	NS	< 0.51	1.1 B	1 B	6.8 B	3.1 B	2.8 B	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51
Copper	1,300	< 2.5	< 0.7	< 0.7	< 2.5	1.1 B	1.3 B	< 0.7	1.6 B	1 B	< 2.5	< 0.7
Iron	300	< 7.4	**1010**	**4000**	**1930**	**335**	**534**	18.2 B	< 7.4	< 7.4	**15100**	64.3 B
Lead	5	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Magnesium	NS	2280 B	9350	48000	10900	30300	28700	3760 B	3330 B	6130	11400	27700
Manganese	50	< 0.24	**684**	**1640**	**4460**	**2460**	**2220**	**84.4**	< 0.24	2.8 B	**722**	**1600**
Mercury	2	< 0.049	0.05 B	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
Nickel	100	< 1.2	< 1.2	< 1.2	< 1.2	3.3 B	2.6 B	< 1.2	< 1.2	< 1.2	< 1.2	1.4 B
Potassium	NS	238 B	1750 B	3030 B	2180 B	2910 B	2770 B	1450 B	669 B	1300 B	NA	NA
Potassium	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	6360 B	2880 B
Selenium	40	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	1.8 B
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	2240 B	41800	25600	40600	10600	10200	3870 B	2330 B	3360 B	14500	20300
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	0.8 B	< 0.43	< 0.43
Zinc	2000	5.7 B	5.4 B	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Other												
Alkalinity, Bicarbonate	NS	14600	78300	402000	126000	307000	300000	36200	24800	48600	391000	338000
Alkalinity, Carbonate	NS	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Alkalinity, total (as CaCO3)	NS	14600	78300	402000	126000	307000	300000	36200	24800	48600	391000	339000
Cyanide	100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	15	< 10
Nitrogen, Nitrate + Nitrite	NS	< 100	< 100	< 100	< 100	< 100	< 100	< 100	460	300	< 100	< 100
Phosphorus, Total	NS	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	220	< 50
Chloride	250000	3300	79400	61400	87200	7200	6900	4000	< 2000	2100	17000	38300
Nitrate	10000	< 110	< 110	< 110	< 110	< 110	< 110	< 110	460	300	< 110	< 110
Nitrogen, Nitrite	1,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Sulfate	250000	10000	19600	< 10000	10800	< 10000	< 10000	15300	11600	19000	< 10000	20300

Footnotes on page 29.

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID		OB-15B(080916)	OB-16(080911)	OB-17(080911)	OB-18(080911)	OB-19(080912)	OB-2 (080917)	OB-20A(080915)	OB-20B(080915)	OB-21(080912)	OB-24(080911)	OB-25(080918)
Sample Date	**GWQS[1]**	**9/16/2008**	**9/11/2008**	**9/11/2008**	**9/11/2008**	**9/12/2008**	**9/17/2008**	**9/15/2008**	**9/15/2008**	**9/12/2008**	**9/11/2008**	**9/18/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
VOCs												
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*
1,2-Dibromoethane	0.03 [0.5]	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	< 0.26	< 0.26	< 0.26	< 0.26	0.37 J	< 0.26	< 0.26	0.9 J	< 0.26	< 0.26	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22	4.3	< 0.22	< 0.22	1.9	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
cis-1,3-Dichloropropene	NS	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Methyl acetate	7000	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Methyl tert butyl ether	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Xylenes	1,000	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	0	0	0	0	0	0	0	0	0	0	0

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	OB-15B(080916)	OB-16(080911)	OB-17(080911)	OB-18(080911)	OB-19(080912)	OB-2 (080917)	OB-20A(080915)	OB-20B(080915)	OB-21(080912)	OB-24(080911)	OB-25(080918)
Sample Date		**9/16/2008**	**9/11/2008**	**9/11/2008**	**9/11/2008**	**9/12/2008**	**9/17/2008**	**9/15/2008**	**9/15/2008**	**9/12/2008**	**9/11/2008**	**9/18/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs												
1,1'-Biphenyl	400	< 0.55	< 0.59	< 0.59	< 0.58	< 0.61	< 0.55	NA	NA	< 0.58	< 0.58	< 0.58
1,2,4-Trichlorobenzene	9	NA	NA	NA	NA	NA	NA	< 0.37	< 0.37	NA	NA	NA
1,2-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	< 0.35	< 0.35	NA	NA	NA
1,3-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	< 0.33	< 0.33	NA	NA	NA
1,4-Dichlorobenzene	75	NA	NA	NA	NA	NA	NA	< 0.35	< 0.35	NA	NA	NA
2,4,5-Trichlorophenol	700	< 2	< 2.1	< 2.1	< 2.1	< 2.2	< 2	< 2	< 2	< 2.1	< 2.1	< 2.1
2,4,6-Trichlorophenol	20	< 1.6	< 1.7	< 1.7	< 1.7	< 1.7	< 1.6	< 1.6	< 1.6	< 1.7	< 1.7	< 1.7
2,4-Dichlorophenol	20	< 1.9	< 2.1	< 2.1	< 2	< 2.1	< 1.9	< 1.9	< 1.9	< 2	< 2	< 2
2,4-Dimethylphenol	100	< 2	< 2.1	< 2.1	< 2.1	< 2.2	< 2	< 2	< 2	< 2.1	< 2.1	< 2.1
2,4-Dinitrophenol	40	< 4.2	< 4.5	< 4.5	< 4.4	< 4.6	< 4.2	< 4.2	< 4.2	< 4.4	< 4.4	< 4.4
2,4-Dinitrotoluene	NS	< 0.45	< 0.49	< 0.49	< 0.48	< 0.5	< 0.45	< 0.45	< 0.45	< 0.48	< 0.48	< 0.48
2,6-Dinitrotoluene	NS	< 0.6	< 0.65	< 0.64	< 0.63	< 0.67	< 0.6	< 0.6	< 0.6	< 0.63	< 0.63	< 0.63
2-Chloronaphthalene	600	< 0.48	< 0.52	< 0.52	< 0.51	< 0.53	< 0.48	< 0.48	< 0.48	< 0.51	< 0.51	< 0.51
2-Chlorophenol	40	< 1.5	< 1.6	< 1.6	< 1.5	< 1.6	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
2-Methylnaphthalene	NS	< 0.43	< 0.47	< 0.46	< 0.46	< 0.48	< 0.43	< 0.43	< 0.43	< 0.46	< 0.46	< 0.46
2-Methylphenol	NS	< 1.4	< 1.5	< 1.5	< 1.4	< 1.5	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
2-Nitroaniline	NS	< 0.45	< 0.48	< 0.48	< 0.47	< 0.49	< 0.45	< 0.45	< 0.45	< 0.47	< 0.47	< 0.47
2-Nitrophenol	NS	< 1.9	< 2.1	< 2.1	< 2	< 2.1	< 1.9	< 1.9	< 1.9	< 2	< 2	< 2
3&4-Methylphenol	NS	< 1.5	< 1.6	< 1.6	< 1.5	< 1.6	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
3,3'-Dichlorobenzidine	30	< 4.6	< 4.9	< 4.9	< 4.8	< 5	< 4.6	< 4.6	< 4.6	< 4.8	< 4.8	< 4.8
3-Nitroaniline	NS	< 0.45	< 0.48	< 0.48	< 0.47	< 0.5	< 0.45	< 0.45	< 0.45	< 0.47	< 0.47	< 0.47
4,6-Dinitro-2-methylphenol	NS	< 1.2	< 1.3	< 1.3	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
4-Bromophenyl phenyl ether	NS	< 0.41	< 0.44	< 0.44	< 0.43	< 0.46	< 0.41	< 0.41	< 0.41	< 0.43	< 0.43	< 0.43
4-Chloro-3-Methylphenol	NS	< 2.3	< 2.5	< 2.4	< 2.4	< 2.5	< 2.3	< 2.3	< 2.3	< 2.4	< 2.4	< 2.4
4-Chloroaniline	30	< 0.33	< 0.36	< 0.36	< 0.35	< 0.37	< 0.33	< 0.33	< 0.33	< 0.35	< 0.35	< 0.35
4-Chlorophenyl phenyl ether	NS	< 0.45	< 0.49	< 0.49	< 0.48	< 0.5	< 0.45	< 0.45	< 0.45	< 0.48	< 0.48	< 0.48
4-Nitroaniline	NS	< 0.45	< 0.49	< 0.48	< 0.48	< 0.5	< 0.45	< 0.45	< 0.45	< 0.48	< 0.48	< 0.48
4-Nitrophenol	NS	< 2.3	< 2.4	< 2.4	< 2.4	< 2.5	< 2.3	< 2.3	< 2.3	< 2.4	< 2.4	< 2.4
Acetophenone	700	< 0.47	< 0.5	< 0.5	< 0.49	< 0.51	< 0.47	NA	NA	< 0.49	< 0.49	< 0.49
Atrazine	3	< 0.62	< 0.66	< 0.66	< 0.65	< 0.68	< 0.62	NA	NA	< 0.65	< 0.65	< 0.65
Benzaldehyde	NS	< 1.6	< 1.7	< 1.7	< 1.7	< 1.8	< 1.6	NA	NA	< 1.7	< 1.7	< 1.7
Benzyl butyl phthalate	100	< 0.42	< 0.45	< 0.45	< 0.44	< 0.46	< 0.42	< 0.42	< 0.42	< 0.44	< 0.44	< 0.44
bis(2-Chloroethoxy)methane	NS	< 0.52	< 0.56	< 0.55	< 0.54	< 0.57	< 0.52	< 0.52	< 0.52	< 0.54	< 0.54	< 0.54
bis(2-Chloroethyl)ether	7	< 0.49	< 0.53	< 0.53	< 0.52	< 0.54	< 0.49	< 0.49	< 0.49	< 0.52	< 0.52	< 0.52
bis(2-Chloroisopropyl)ether	300	< 0.54	< 0.58	< 0.58	< 0.57	< 0.6	< 0.54	< 0.54	< 0.54	< 0.57	< 0.57	< 0.57
bis(2-Ethylhexyl)phthalate	3	< 0.75	< 0.81	< 0.8	< 0.79	< 0.83	< 0.75	< 0.75	< 0.75	< 0.79	< 0.79	< 0.79
Caprolactam	NS	< 0.63	< 0.67	< 0.67	< 0.66	< 0.69	< 0.63	NA	NA	< 0.66	< 0.66	< 0.66
Carbazole	NS	< 0.45	< 0.48	< 0.48	< 0.47	< 0.5	< 0.45	< 0.45	< 0.45	< 0.47	< 0.47	< 0.47
Dibenzofuran	NS	< 0.49	< 0.52	< 0.52	< 0.51	< 0.54	< 0.49	< 0.49	< 0.49	< 0.51	< 0.51	< 0.51
Diethyl phthalate	6000	< 0.36	< 0.39	< 0.39	< 0.38	< 0.4	< 0.36	< 0.36	< 0.36	< 0.38	< 0.38	< 0.38
Dimethyl phthalate	NS	< 0.36	< 0.39	< 0.39	< 0.38	< 0.4	< 0.36	< 0.36	< 0.36	< 0.38	< 0.38	< 0.38
di-n-butyl phthalate	700	< 0.5	< 0.54	< 0.53	< 0.53	< 0.55	< 0.5	< 0.5	< 0.5	< 0.53	< 0.53	< 0.53
di-n-octylphthalate	100	< 0.5	< 0.53	< 0.53	< 0.52	< 0.55	< 0.5	< 0.5	< 0.5	< 0.52	< 0.52	< 0.52
Hexachlorobutadiene	1	< 0.38	< 0.4	< 0.4	< 0.39	< 0.41	< 0.38	< 0.38	< 0.38	< 0.39	< 0.39	< 0.39
Hexachlorocyclopentadiene	40	< 4.5	< 4.9	< 4.8	< 4.8	< 5	< 4.5	< 4.5	< 4.5	< 4.8	< 4.8	< 4.8
Hexachloroethane	7	< 0.3	< 0.32	< 0.32	< 0.32	< 0.33	< 0.3	< 0.3	< 0.3	< 0.32	< 0.32	< 0.32
Isophrone	40	< 0.69	< 0.74	< 0.74	< 0.73	< 0.76	< 0.69	< 0.69	< 0.69	< 0.73	< 0.73	< 0.73
Nitrobenzene	6	< 0.66	< 0.71	< 0.7	< 0.69	< 0.73	< 0.66	< 0.66	< 0.66	< 0.69	< 0.69	< 0.69
N-Nitroso-di-n-Propylamine	10	< 0.39	< 0.42	< 0.42	< 0.41	< 0.44	< 0.39	< 0.39	< 0.39	< 0.41	< 0.41	< 0.41
N-Nitrosodiphenylamine	10	< 0.61	< 0.65	< 0.65	< 0.64	< 0.67	< 0.61	< 0.61	0.61 J	< 0.64	< 0.64	< 0.64
Phenol	2000	< 1.4	< 1.5	< 1.5	< 1.4	< 1.5	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Total TIC, Semi-Volatile	NS	4 J	0	0	0	0	0	0	4.3 J	0	0	0

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID		OB-15B(080916)	OB-16(080911)	OB-17(080911)	OB-18(080911)	OB-19(080912)	OB-2 (080917)	OB-20A(080915)	OB-20B(080915)	OB-21(080912)	OB-24(080911)	OB-25(080918)
Sample Date	**GWQS[1]**	**9/16/2008**	**9/11/2008**	**9/11/2008**	**9/11/2008**	**9/12/2008**	**9/17/2008**	**9/15/2008**	**9/15/2008**	**9/12/2008**	**9/11/2008**	**9/18/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs BY SIM												
Acenaphthene	400	< 0.016	< 0.017	< 0.017	< 0.017	< 0.018	< 0.016	< 0.016	< 0.016	< 0.017	< 0.017	< 0.017
Acenaphthylene	NS	< 0.007	< 0.0075	< 0.0075	< 0.0074	< 0.0077	< 0.007	< 0.007	< 0.007	< 0.0074	< 0.0074	< 0.0074
Anthracene	2000	< 0.021	< 0.023	< 0.022	< 0.022	< 0.023	< 0.021	< 0.021	< 0.021	< 0.022	< 0.022	< 0.022
Benzo(a)anthracene	0.1 [0.2]	< 0.034	< 0.036	< 0.036	< 0.035	< 0.037	< 0.034	< 0.034	< 0.034	< 0.035	< 0.035	< 0.035
Benzo(a)pyrene	0.1 [0.2]	< 0.036	< 0.038	< 0.038	< 0.037	< 0.039	< 0.036	< 0.036	< 0.036	< 0.037	< 0.037	< 0.037
Benzo(b)fluoranthene	0.2 [10]	< 0.017	< 0.018	< 0.018	< 0.018	< 0.019	< 0.017	< 0.017	< 0.017	< 0.018	< 0.018	< 0.018
Benzo(g,h,i)perylene	NS	< 0.012	< 0.013	< 0.013	< 0.012	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
Benzo(k)fluoranthene	0.5	< 0.019	< 0.02	< 0.02	< 0.02	< 0.021	< 0.019	< 0.019	< 0.019	< 0.02	< 0.02	< 0.02
Chrysene	5	< 0.018	< 0.019	< 0.019	< 0.019	< 0.019	< 0.018	< 0.018	< 0.018	< 0.019	< 0.019	< 0.019
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.02	< 0.022	< 0.022	< 0.021	< 0.022	< 0.02	< 0.02	< 0.02	< 0.021	< 0.021	< 0.021
Fluoranthene	300	< 0.0096	< 0.01	< 0.01	< 0.01	< 0.011	< 0.0096	< 0.0096	< 0.0096	< 0.01	< 0.01	< 0.01
Fluorene	300	< 0.02	< 0.021	< 0.021	< 0.021	< 0.022	< 0.02	< 0.02	< 0.02	< 0.021	< 0.021	< 0.021
Hexachlorobenzene	0.02 [10]	< 0.0099	< 0.011	< 0.011	< 0.01	< 0.011	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.014	< 0.015	< 0.015	< 0.015	< 0.016	< 0.014	< 0.014	< 0.014	< 0.015	< 0.015	< 0.015
Naphthalene	300	< 0.014	< 0.015	< 0.015	< 0.015	< 0.015	< 0.014	< 0.014	0.815	< 0.015	< 0.015	< 0.015
Pentachlorophenol	0.3 [1]	< 0.22	< 0.24	< 0.24	< 0.23	< 0.25	< 0.22	< 0.22	< 0.22	< 0.23	< 0.23	< 0.23
Phenanthrene	NS	< 0.017	< 0.018	< 0.018	< 0.018	< 0.019	< 0.017	< 0.017	< 0.017	< 0.018	< 0.018	< 0.018
Pyrene	200	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013	< 0.012	< 0.012	< 0.012	< 0.013	< 0.013	< 0.013
PCBs												
PCB 1016	0.5	< 0.096	< 0.1	< 0.094	< 0.094	< 0.094	< 0.094	< 0.094	< 0.094	< 0.094	< 0.096	< 0.1
PCB 1221	0.5	< 0.48	< 0.5	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.48	< 0.51
PCB 1232	0.5	< 0.4	< 0.41	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.4	< 0.42
PCB 1242	0.5	< 0.17	< 0.17	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17	< 0.18
PCB 1248	0.5	< 0.16	< 0.16	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.16	< 0.16
PCB 1254	0.5	< 0.11	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12
PCB 1260	0.5	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.13
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0	0
Metals - Total												
Aluminum	200	< 24	< 24	**683**	114 B	56.5 B	32.1 B	**367**	107 B	**2760**	**686**	**43100**
Antimony	6	< 1.8	< 1.8	2.5 B	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	2.1 B	2.5 B	3.1 B
Arsenic	3 [8]	1.7 B	**7.4**	< 1.7	< 1.7	**4**	< 1.7	**7.8**	**3.8**	< 1.7	2.5 B	**19.8**
Barium	2000	11.7 B	80.4 B	38.6 B	8.5 B	78.8 B	7.2 B	113 B	57.4 B	22.9 B	52.5 B	232
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	0.3 B	< 0.15	< 0.15	**1.4**
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	0.4 B	< 0.28	0.3 B	< 0.28	< 0.28	< 0.28	2.1 B
Calcium	NS	23300	123000	18700	34900	16300	10800	23300	44400	9350	91400	48700
Chromium	70	1.2 B	1.6 B	5.3 B	1.5 B	0.9 B	0.7 B	1.1 B	< 0.53	3.8 B	1.8 B	51.1
Cobalt	NS	< 0.51	1.2 B	< 0.51	< 0.51	1.5 B	< 0.51	3.5 B	19.8 B	1.9 B	< 0.51	34.6 B
Copper	1,300	< 1.1	< 2.5	18.9	< 2.5	< 0.7	2.2 B	1.4 B	1.6 B	15.3	3.7 B	124
Iron	300	64.8 B	**12200**	79.9 B	66.8 B	**20000**	52.6 B	**24400**	**29200**	**3150**	**1520**	**69500**
Lead	5	< 1.4	< 1.4	1.4 B	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	**45.7**
Magnesium	NS	5790	18000	5660	7420	2850 B	3860 B	2450 B	8580	4490 B	20700	20900
Manganese	50	**1300**	**3250**	**64.5**	4.9 B	**755**	2.2 B	**1300**	**7060**	**241**	**742**	**2110**
Mercury	2	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	0.15 B
Nickel	100	2.5 B	< 1.2	2.4 B	< 1.2	2 B	< 1.2	4.5 B	3.5 B	5.9 B	1.5 B	72.2
Potassium	NS	702 B	NA	NA	NA	NA	1520 B	2430 B	2580 B	NA	NA	11000
Potassium	NS	NA	10000	1260 B	288 B	1220 B	NA	NA	NA	1380 B	3740 B	NA
Selenium	40	< 1.6	< 1.6	< 1.6	< 1.6	2.3 B	< 1.6	< 1.6	2.7 B	1.9 B	< 1.6	4.5 B
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	4250 B	25100	4950 B	5230 B	3200 B	3540 B	3230 B	4620 B	3150 B	12200	37400
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	1.3 B	0.6 B	< 0.43	< 0.43	1.9 B	0.9 B	3.3 B	3.1 B	4.5 B	3.3 B	77.8
Zinc	2000	5.1 B	< 4	28.6	5.1 B	27.4	< 4	84.9	8.9 B	16.5 B	6.5 B	262

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	OB-15B(080916)	OB-16(080911)	OB-17(080911)	OB-18(080911)	OB-19(080912)	OB-2 (080917)	OB-20A(080915)	OB-20B(080915)	OB-21(080912)	OB-24(080911)	OB-25(080918)
Sample Date		**9/16/2008**	**9/11/2008**	**9/11/2008**	**9/11/2008**	**9/12/2008**	**9/17/2008**	**9/15/2008**	**9/15/2008**	**9/12/2008**	**9/11/2008**	**9/18/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
Metals - Dissolved												
Aluminum	200	< 24	< 24	< 24	< 24	< 24	< 24	94.9 B	< 24	28.3 B	< 24	32.3 B
Antimony	6	< 1.8	< 1.8	2.1 B	< 1.8	< 1.8	< 1.8	2.2 B	< 1.8	< 1.8	2.1 B	< 1.8
Arsenic	3 [8]	< 1.7	2.6 B	< 1.7	< 1.7	< 1.7	1.7 B	**5.3**	< 1.7	< 1.7	< 1.7	< 1.7
Barium	2000	1.2 B	62.5 B	6.6 B	7.2 B	70.3 B	7.8 B	104 B	35 B	3.4 B	47.2 B	17.9 B
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	0.2 B	< 0.15	< 0.15	< 0.15
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	0.3 B	< 0.28	< 0.28	< 0.28	0.4 B
Calcium	NS	22000	120000	19400	35400	15900	10700	22800	41000	8830	89400	45800
Chromium	70	2.2 B	1.2 B	< 0.53	1 B	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53
Cobalt	NS	< 0.51	1.1 B	< 0.51	< 0.51	0.8 B	< 0.51	3.1 B	18.5 B	< 0.51	< 0.51	< 0.51
Copper	1,300	< 1.1	< 2.5	< 2.5	< 2.5	< 0.7	1.7 B	< 1.1	< 1.1	< 2.5	< 2.5	5 B
Iron	300	11.2 B	**3660**	25 B	18 B	**3920**	8 B	**15600**	**823**	34.3 B	17.9 B	8.1 B
Lead	5	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Magnesium	NS	5510	17600	5820	7500	2800 B	3810 B	2310 B	8000	3810 B	20000	9760
Manganese	50	**217**	**3210**	**57.6**	1.4 B	**710**	1 B	**1250**	**6690**	2.2 B	**538**	**79.4**
Mercury	2	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
Nickel	100	< 1.2	< 1.2	< 1.2	< 1.2	1.3 B	2 B	3.4 B	3.7 B	< 1.2	< 1.2	2 B
Potassium	NS	642 B	NA	NA	NA	NA	1510 B	2220 B	2280 B	NA	NA	4130 B
Potassium	NS	NA	9760 B	1170 B	246 B	1050 B	NA	NA	NA	778 B	3610 B	NA
Selenium	40	< 1.6	2.1 B	< 1.6	< 1.6	< 1.6	< 1.6	2.1 B	2 B	< 1.6	2.1 B	2.7 B
Silver	40	< 1	< 1	< 1	< 1	< 1	1 B	< 1	< 1	< 1	< 1	1.5 B
Sodium	50,000	4080 B	24600	5090 B	5300 B	3130 B	3520 B	3200 B	4230 B	3250 B	11900	40700
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	1.1 B	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	1.8 B	< 0.43	< 0.43	0.5 B	< 0.43
Zinc	2000	< 4	< 4	< 4	< 4	19.7 B	6.9 B	79.3	5.5 B	5.4 B	< 4	6.6 B
Other												
Alkalinity, Bicarbonate	NS	56700	442000	67500	127000	56700	29700	83200	167000	38300	269000	139000
Alkalinity, Carbonate	NS	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Alkalinity, total (as CaCO3)	NS	56700	442000	67500	127000	56700	29700	83200	167000	38300	269000	139000
Cyanide	100	< 10	< 10	< 10	21	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Nitrogen, Nitrate + Nitrite	NS	< 100	< 100	260	< 100	< 100	2100	< 100	< 100	< 100	500	750
Phosphorus, Total	NS	130	180	< 50	59	< 50	< 50	130	330	160	110	89
Chloride	250000	< 2000	34600	5900	< 2000	< 2000	< 2000	< 2000	< 2000	< 2000	55700	58800
Nitrate	10000	< 110	< 110	260	< 110	< 110	2100	< 110	< 110	< 110	500	750
Nitrogen, Nitrite	1,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Sulfate	250000	15500	13300	14100	14500	< 10000	13200	15700	< 10000	11600	19900	28700

Footnotes on page 29.

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	OB-26(080916)	OB-3(080909)	P-FB(080910)	P-FB(080911)	P-FB(080912)	PM AIRSHAFT-180	PM AIRSHAFT-230	RW-1 (126-146)	RW1(11-31)	RW1(59-79)	RW1(98-118)	RW-2 (103-133)
Sample Date		**9/16/2008**	**9/9/2008**	**9/10/2008**	**9/11/2008**	**9/12/2008**	**9/18/2008**	**9/18/2008**	**9/22/2008**	**9/18/2008**	**9/19/2008**	**9/19/2008**	**9/17/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
VOCs													
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*
1,2-Dibromoethane	0.03 [0.5]	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	0.38 J	0.28 J	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	1.3	0.96 J	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	5.9	4.5	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	**26.4**	**29.1**	**6.2**	**9.8**	**8.6**	**2**	**43.8**
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	6.4	6.9	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	21.6	19	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	3.1
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.25	0.5 J	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
cis-1,3-Dichloropropene	NS	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	2.6 J	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	0.66 J
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	12.2	8.2	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Methyl acetate	7000	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Methyl tert butyl ether	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.63 J	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	0.64 J	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	13.8	15.7	14.7	5.9	51.8
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trichloroethene	1	< 0.18	**13.7**	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	1.9	3.7	< 0.39	< 0.39	< 0.39	< 0.39	0.95 J
Xylenes	1,000	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	2.6	3.9	< 0.39	< 0.39	< 0.39	< 0.39	0.95 J
Total TIC, Volatile	NS	0	0	0	0	0	36.3 J	5.8 J	0	0	0	0	0

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	OB-26(080916)	OB-3(080909)	P-FB(080910)	P-FB(080911)	P-FB(080912)	PM AIRSHAFT-180	PM AIRSHAFT-230	RW-1 (126-146)	RW1(11-31)	RW1(59-79)	RW1(98-118)	RW-2 (103-133)
Sample Date		**9/16/2008**	**9/9/2008**	**9/10/2008**	**9/11/2008**	**9/12/2008**	**9/18/2008**	**9/18/2008**	**9/22/2008**	**9/18/2008**	**9/19/2008**	**9/19/2008**	**9/17/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs													
1,1'-Biphenyl	400	< 0.55	< 0.59	< 0.57	< 0.66	< 0.56	< 0.55	< 0.55	< 0.57	< 0.55	< 0.58	< 0.56	< 0.55
1,2,4-Trichlorobenzene	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	700	< 2	< 2.1	< 2.1	< 2.4	< 2	< 2	< 2	< 2.1	< 2	< 2.1	< 2	< 2
2,4,6-Trichlorophenol	20	< 1.6	< 1.7	< 1.6	< 1.9	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.7	< 1.6	< 1.6
2,4-Dichlorophenol	20	< 1.9	< 2.1	< 2	< 2.3	< 2	< 1.9	< 1.9	< 2	< 1.9	< 2	< 2	< 1.9
2,4-Dimethylphenol	100	< 2	< 2.1	< 2.1	< 2.4	< 2	< 2	< 2	< 2.1	< 2	< 2.1	< 2	< 2
2,4-Dinitrophenol	40	< 4.2	< 4.4	< 4.3	< 5	< 4.3	< 4.2	< 4.2	< 4.3	< 4.2	< 4.4	< 4.3	< 4.2
2,4-Dinitrotoluene	NS	< 0.45	< 0.48	< 0.47	< 0.55	< 0.47	< 0.45	< 0.45	< 0.47	< 0.45	< 0.48	< 0.47	< 0.45
2,6-Dinitrotoluene	NS	< 0.6	< 0.64	< 0.63	< 0.73	< 0.62	< 0.6	< 0.6	< 0.63	< 0.6	< 0.63	< 0.62	< 0.6
2-Chloronaphthalene	600	< 0.48	< 0.51	< 0.5	< 0.58	< 0.5	< 0.48	< 0.48	< 0.5	< 0.48	< 0.51	< 0.5	< 0.48
2-Chlorophenol	40	< 1.5	< 1.5	< 1.5	< 1.7	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
2-Methylnaphthalene	NS	< 0.43	< 0.46	< 0.45	< 0.52	< 0.44	< 0.43	< 0.43	< 0.45	< 0.43	< 0.46	< 0.44	< 0.43
2-Methylphenol	NS	< 1.4	< 1.5	< 1.4	< 1.7	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
2-Nitroaniline	NS	< 0.45	< 0.47	< 0.46	< 0.54	< 0.46	< 0.45	< 0.45	< 0.46	< 0.45	< 0.47	< 0.46	< 0.45
2-Nitrophenol	NS	< 1.9	< 2.1	< 2	< 2.3	< 2	< 1.9	< 1.9	< 2	< 1.9	< 2	< 2	< 1.9
3&4-Methylphenol	NS	< 1.5	< 1.6	< 1.5	< 1.8	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
3,3'-Dichlorobenzidine	30	< 4.6	< 4.8	< 4.7	< 5.5	< 4.7	< 4.6	< 4.6	< 4.7	< 4.6	< 4.8	< 4.7	< 4.6
3-Nitroaniline	NS	< 0.45	< 0.48	< 0.47	< 0.54	< 0.46	< 0.45	< 0.45	< 0.47	< 0.45	< 0.47	< 0.46	< 0.45
4,6-Dinitro-2-methylphenol	NS	< 1.2	< 1.2	< 1.2	< 1.4	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
4-Bromophenyl phenyl ether	NS	< 0.41	< 0.44	< 0.43	< 0.5	< 0.42	< 0.41	< 0.41	< 0.43	< 0.41	< 0.43	< 0.42	< 0.41
4-Chloro-3-Methylphenol	NS	< 2.3	< 2.4	< 2.4	< 2.7	< 2.3	< 2.3	< 2.3	< 2.4	< 2.3	< 2.4	< 2.3	< 2.3
4-Chloroaniline	30	< 0.33	< 0.36	< 0.35	< 0.4	< 0.34	< 0.33	< 0.33	< 0.35	< 0.33	< 0.35	< 0.34	< 0.33
4-Chlorophenyl phenyl ether	NS	< 0.45	< 0.48	< 0.47	< 0.55	< 0.47	< 0.45	< 0.45	< 0.47	< 0.45	< 0.48	< 0.47	< 0.45
4-Nitroaniline	NS	< 0.45	< 0.48	< 0.47	< 0.55	< 0.46	< 0.45	< 0.45	< 0.47	< 0.45	< 0.48	< 0.46	< 0.45
4-Nitrophenol	NS	< 2.3	< 2.4	< 2.3	< 2.7	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.4	< 2.3	< 2.3
Acetophenone	700	< 0.47	< 0.5	< 0.49	< 0.56	< 0.48	< 0.47	< 0.47	< 0.49	< 0.47	< 0.49	< 0.48	< 0.47
Atrazine	3	< 0.62	< 0.66	< 0.64	< 0.74	< 0.63	< 0.62	< 0.62	< 0.64	< 0.62	< 0.65	< 0.63	< 0.62
Benzaldehyde	NS	< 1.6	< 1.7	< 1.7	< 1.9	< 1.7	< 1.6	< 1.6	< 1.7	< 1.6	< 1.7	< 1.6	< 1.6
Benzyl butyl phthalate	100	< 0.42	< 0.44	< 0.44	< 0.5	< 0.43	< 0.42	< 0.42	< 0.44	< 0.42	< 0.44	< 0.43	< 0.42
bis(2-Chloroethoxy)methane	NS	< 0.52	< 0.55	< 0.54	< 0.62	< 0.53	< 0.52	< 0.52	< 0.54	< 0.52	< 0.54	< 0.53	< 0.52
bis(2-Chloroethyl)ether	7	< 0.49	< 0.52	< 0.51	< 0.59	< 0.51	< 0.49	< 0.49	< 0.51	< 0.49	< 0.52	< 0.51	< 0.49
bis(2-Chloroisopropyl)ether	300	< 0.54	< 0.58	< 0.57	< 0.66	< 0.56	< 0.54	< 0.54	< 0.57	< 0.54	< 0.57	< 0.56	< 0.54
bis(2-Ethylhexyl)phthalate	3	< 0.75	< 0.8	< 0.78	< 0.9	**30.9**	< 0.75	< 0.75	< 0.78	< 0.75	< 0.79	< 0.77	**3.2 B**
Caprolactam	NS	< 0.63	< 0.67	< 0.65	< 0.75	< 0.64	< 0.63	< 0.63	< 0.65	< 0.63	< 0.66	< 0.64	< 0.63
Carbazole	NS	< 0.45	< 0.48	< 0.47	< 0.54	< 0.46	< 0.45	< 0.45	< 0.47	< 0.45	< 0.47	< 0.46	< 0.45
Dibenzofuran	NS	< 0.49	< 0.52	< 0.51	< 0.59	< 0.5	< 0.49	< 0.49	< 0.51	< 0.49	< 0.51	< 0.5	< 0.49
Diethyl phthalate	6000	< 0.36	< 0.38	< 0.38	< 0.43	< 0.37	< 0.36	< 0.36	< 0.38	< 0.36	< 0.38	< 0.37	< 0.36
Dimethyl phthalate	NS	< 0.36	< 0.38	< 0.38	< 0.43	< 0.37	< 0.36	< 0.36	< 0.38	< 0.36	< 0.38	< 0.37	< 0.36
di-n-butyl phthalate	700	< 0.5	< 0.53	< 0.52	< 0.6	< 0.51	< 0.5	< 0.5	< 0.52	< 0.5	< 0.53	< 0.51	< 0.5
di-n-octylphthalate	100	< 0.5	< 0.53	< 0.52	< 0.6	< 0.51	< 0.5	< 0.5	< 0.52	< 0.5	< 0.52	< 0.51	< 0.5
Hexachlorobutadiene	1	< 0.38	< 0.4	< 0.39	< 0.45	< 0.38	< 0.38	< 0.38	< 0.39	< 0.38	< 0.39	< 0.38	< 0.38
Hexachlorocyclopentadiene	40	< 4.5	< 4.8	< 4.7	< 5.5	< 4.6	< 4.5	< 4.5	< 4.7	< 4.5	< 4.8	< 4.6	< 4.5
Hexachloroethane	7	< 0.3	< 0.32	< 0.31	< 0.36	< 0.31	< 0.3	< 0.3	< 0.31	< 0.3	< 0.32	< 0.31	< 0.3
Isophrone	40	< 0.69	< 0.74	< 0.72	< 0.83	< 0.71	< 0.69	< 0.69	< 0.72	< 0.69	< 0.73	< 0.71	< 0.69
Nitrobenzene	6	< 0.66	< 0.7	< 0.69	< 0.79	< 0.68	< 0.66	< 0.66	< 0.69	< 0.66	< 0.69	< 0.68	< 0.66
N-Nitroso-di-n-Propylamine	10	< 0.39	< 0.42	< 0.41	< 0.47	< 0.4	< 0.39	< 0.39	< 0.41	< 0.39	< 0.41	< 0.4	< 0.39
N-Nitrosodiphenylamine	10	< 0.61	< 0.65	< 0.63	< 0.73	< 0.62	1.1 J	0.86 J	< 0.63	< 0.61	< 0.64	< 0.62	< 0.61
Phenol	2000	< 1.4	< 1.4	< 1.4	< 1.6	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Total TIC, Semi-Volatile	NS	0	0	5.1 J	320 J	24.6 J	138 J	130 J	0	0	0	0	0

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	OB-26(080916)	OB-3(080909)	P-FB(080910)	P-FB(080911)	P-FB(080912)	PM AIRSHAFT-180	PM AIRSHAFT-230	RW-1 (126-146)	RW1(11-31)	RW1(59-79)	RW1(98-118)	RW-2 (103-133)
Sample Date		**9/16/2008**	**9/9/2008**	**9/10/2008**	**9/11/2008**	**9/12/2008**	**9/18/2008**	**9/18/2008**	**9/22/2008**	**9/18/2008**	**9/19/2008**	**9/19/2008**	**9/17/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs BY SIM													
Acenaphthene	400	< 0.016	< 0.016	< 0.017	< 0.019	< 0.016	< 0.016	< 0.016	< 0.017	< 0.016	< 0.017	< 0.016	< 0.016
Acenaphthylene	NS	< 0.007	< 0.007	< 0.0073	< 0.0084	< 0.0072	< 0.007	< 0.007	< 0.0073	< 0.007	< 0.0074	< 0.0072	< 0.007
Anthracene	2000	< 0.021	< 0.021	< 0.022	< 0.025	< 0.022	< 0.021	< 0.021	< 0.022	< 0.021	< 0.022	< 0.022	< 0.021
Benzo(a)anthracene	0.1 [0.2]	< 0.034	< 0.034	< 0.035	< 0.041	< 0.035	< 0.034	< 0.034	< 0.035	< 0.034	< 0.035	< 0.035	< 0.034
Benzo(a)pyrene	0.1 [0.2]	< 0.036	< 0.036	< 0.037	< 0.043	< 0.036	< 0.036	< 0.036	< 0.037	< 0.036	< 0.037	< 0.036	< 0.036
Benzo(b)fluoranthene	0.2 [10]	< 0.017	< 0.017	< 0.018	< 0.02	< 0.017	< 0.017	< 0.017	< 0.018	< 0.017	< 0.018	< 0.017	< 0.017
Benzo(g,h,i)perylene	NS	< 0.012	< 0.012	< 0.012	< 0.014	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
Benzo(k)fluoranthene	0.5	< 0.019	< 0.019	< 0.02	< 0.023	< 0.019	< 0.019	< 0.019	< 0.02	< 0.019	< 0.02	< 0.019	< 0.019
Chrysene	5	< 0.018	< 0.018	< 0.018	< 0.021	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.019	< 0.018	< 0.018
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.02	< 0.02	< 0.021	< 0.024	< 0.021	< 0.02	< 0.02	< 0.021	< 0.02	< 0.021	< 0.021	< 0.02
Fluoranthene	300	< 0.0096	< 0.0096	< 0.01	< 0.012	< 0.0098	< 0.0096	< 0.0096	< 0.01	< 0.0096	< 0.01	< 0.0098	< 0.0096
Fluorene	300	< 0.02	< 0.02	< 0.02	< 0.024	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.021	< 0.02	< 0.02
Hexachlorobenzene	0.02 [10]	< 0.0099	< 0.0099	< 0.01	< 0.012	< 0.01	< 0.0099	< 0.0099	< 0.01	< 0.0099	< 0.01	< 0.01	< 0.0099
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.014	< 0.014	< 0.015	< 0.017	< 0.015	< 0.014	< 0.014	< 0.015	< 0.014	< 0.015	< 0.015	< 0.014
Naphthalene	300	< 0.014	< 0.014	< 0.014	< 0.017	< 0.014	4.3	2.4	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014
Pentachlorophenol	0.3 [1]	< 0.22	< 0.22	< 0.23	< 0.27	< 0.23	< 0.22	< 0.22	< 0.23	< 0.22	< 0.23	< 0.23	< 0.22
Phenanthrene	NS	< 0.017	< 0.017	< 0.018	< 0.02	< 0.017	< 0.017	< 0.017	< 0.018	< 0.017	< 0.018	< 0.017	< 0.017
Pyrene	200	< 0.012	< 0.012	< 0.013	< 0.015	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.013	< 0.012	< 0.012
PCBs													
PCB 1016	0.5	< 0.099	< 0.11	< 0.094	< 0.1	< 0.12	< 0.098	< 0.099	< 0.096	< 0.099	< 0.1	< 0.1	< 0.098
PCB 1221	0.5	< 0.49	< 0.53	< 0.47	< 0.51	< 0.58	< 0.49	< 0.49	< 0.48	< 0.49	< 0.51	< 0.52	< 0.49
PCB 1232	0.5	< 0.41	< 0.44	< 0.39	< 0.42	< 0.48	< 0.41	< 0.41	< 0.4	< 0.41	< 0.42	< 0.43	< 0.41
PCB 1242	0.5	< 0.17	< 0.18	< 0.16	< 0.18	< 0.2	< 0.17	< 0.17	< 0.17	< 0.17	< 0.18	< 0.18	< 0.17
PCB 1248	0.5	< 0.16	< 0.17	< 0.15	< 0.16	< 0.19	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17	< 0.16
PCB 1254	0.5	< 0.11	< 0.12	< 0.11	< 0.12	< 0.13	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.11
PCB 1260	0.5	< 0.12	< 0.13	< 0.12	< 0.13	< 0.14	< 0.12	< 0.12	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0	0	0
Metals - Total													
Aluminum	200	**504**	35.2 B	< 24	45.7 B	54.9 B	76.2 B	91.5 B	< 24	**347**	< 24	< 24	35.4 B
Antimony	6	< 1.8	< 1.8	< 1.8	2.9 B	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Arsenic	3 [8]	2.7 B	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	1.7 B
Barium	2000	32.1 B	5.5 B	1.1 B	2.8 B	10.4 B	592	624	2.6 B	8.2 B	4.9 B	1.7 B	58.4 B
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	2.2 B	2.6 B	< 0.28	0.7 B	0.3 B	0.4 B	< 0.28
Calcium	NS	12400	29700	< 31	153 B	648 B	98800	109000	27600	7400	24900	28700	57800
Chromium	70	1.1 B	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	1.1 B	2.4 B	< 0.53	0.6 B	2 B
Cobalt	NS	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	2.6 B	2.8 B	< 0.51	< 0.51	< 0.51	< 0.51	1 B
Copper	1,300	3 B	0.72 B	1.2 B	< 2.5	1.7 B	< 1.1	< 1.1	3.6 B	4.7 B	< 1.1	1.2 B	5.1 B
Iron	300	**511**	**590**	< 7.4	14.1 B	75.7 B	**147000**	**169000**	14.5 B	**323**	15.4 B	48.4 B	**349**
Lead	5	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Magnesium	NS	3750 B	8580	< 24	< 24	43.1 B	10500	12000	3970 B	2410 B	4990 B	4330 B	19600
Manganese	50	20.7	3.9 B	< 0.24	0.7 B	**2740**	**2400**	**2810**	11.9 B	11.5 B	2.4 B	2 B	**215**
Mercury	2	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
Nickel	100	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	3 B	< 1.2	< 1.2	5.2 B
Potassium	NS	1490 B	1450 B	83.1 B	NA	NA	5240 B	6300 B	940 B	509 B	719 B	578 B	2340 B
Potassium	NS	NA	NA	NA	< 48	116 B	NA	NA	NA	NA	NA	NA	NA
Selenium	40	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	5.7 B	5 B	< 1.6	1.6 B	< 1.6	< 1.6	< 1.6
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1 B	< 1	< 1
Sodium	50,000	3820 B	4330 B	392 B	117 B	7260 B	24500	30500	5600 B	2310 B	3890 B	5130 B	**85100**
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	1.4 B	< 0.43	< 0.43	< 0.43	< 0.43	22 B	25.7 B	0.8 B	< 0.43	< 0.43	< 0.43	< 0.43
Zinc	2000	13.3 B	< 4	< 4	9.6 B	116	9.3 B	8.4 B	68.4	253	89	36	**2690**

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	OB-26(080916)	OB-3(080909)	P-FB(080910)	P-FB(080911)	P-FB(080912)	PM AIRSHAFT-180	PM AIRSHAFT-230	RW-1 (126-146)	RW1(11-31)	RW1(59-79)	RW1(98-118)	RW-2 (103-133)
Sample Date		**9/16/2008**	**9/9/2008**	**9/10/2008**	**9/11/2008**	**9/12/2008**	**9/18/2008**	**9/18/2008**	**9/22/2008**	**9/18/2008**	**9/19/2008**	**9/19/2008**	**9/17/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
Metals - Dissolved													
Aluminum	200	< 24	< 24	NA	NA	NA	< 24	< 24	< 24	< 24	39.7 B	< 24	< 24
Antimony	6	< 1.8	< 1.8	NA	NA	NA	< 1.8	< 1.8	< 1.8	< 1.8	2.4 B	< 1.8	< 1.8
Arsenic	3 [8]	< 1.7	< 1.7	NA	NA	NA	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Barium	2000	30.5 B	5.9 B	NA	NA	NA	364	332	2.4 B	6.4 B	4.7 B	1.6 B	54.4 B
Beryllium	1	< 0.15	< 0.15	NA	NA	NA	0.28 B	0.14 B	< 0.15	< 0.1	< 0.1	< 0.1	< 0.15
Cadmium	4	< 0.28	< 0.28	NA	NA	NA	1.6 B	1.9 B	< 0.28	0.7 B	< 0.28	0.3 B	< 0.28
Calcium	NS	12600	28000	NA	NA	NA	97200	103000	26700	7290	24700	30100	56000
Chromium	70	0.8 B	< 0.53	NA	NA	NA	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	0.8 B
Cobalt	NS	< 0.51	< 0.51	NA	NA	NA	1.3 B	1.5 B	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51
Copper	1,300	2.3 B	< 0.7	NA	NA	NA	< 1.1	< 1.1	2.2 B	1.8 B	< 1.1	1.3 B	4.2 B
Iron	300	18.3 B	< 7.4	NA	NA	NA	**90800**	**98100**	< 7.4	< 7.4	< 7.4	< 7.4	27.4 B
Lead	5	< 1.4	< 1.4	NA	NA	NA	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Magnesium	NS	3650 B	8080	NA	NA	NA	10500	11500	3850 B	2320 B	4960 B	4540 B	18700
Manganese	50	12.4 B	3.8 B	NA	NA	NA	**2380**	**2590**	10.2 B	5.4 B	2.3 B	1.9 B	**188**
Mercury	2	< 0.049	< 0.049	NA	NA	NA	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
Nickel	100	< 1.2	< 1.2	NA	NA	NA	< 1.2	< 1.2	< 1.2	2.8 B	< 1.2	< 1.2	5 B
Potassium	NS	1410 B	1450 B	NA	NA	NA	5080 B	5650 B	905 B	450 B	536 B	776 B	2080 B
Potassium	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	40	2.4 B	< 1.6	NA	NA	NA	2.7 B	2.2 B	< 1.6	2.2 B	28.8	< 1.6	< 1.6
Silver	40	< 1	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	1.2 B	1.4 B	< 1
Sodium	50,000	3890 B	4110 B	NA	NA	NA	24500	29000	5350 B	2280 B	3860 B	5340 B	**92500**
Thallium	2 [10]	< 1.3	< 1.3	NA	NA	NA	1.7 B	< 1.3	1.9 B	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	0.5 B	< 0.43	NA	NA	NA	11.4 B	12.3 B	0.5 B	< 0.43	< 0.43	< 0.43	< 0.43
Zinc	2000	13.2 B	< 4	NA	NA	NA	4 B	6.6 B	96.4	241	82.7	33.2	**2800**
Other													
Alkalinity, Bicarbonate	NS	22700	61600	NA	NA	NA	355000	397000	74200	8600	64700	72000	99300
Alkalinity, Carbonate	NS	< 5000	< 5000	NA	NA	NA	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Alkalinity, total (as CaCO3)	NS	22700	61600	NA	NA	NA	355000	397000	74500	8600	64800	72400	99400
Cyanide	100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Nitrogen, Nitrate + Nitrite	NS	3300	2200	NA	NA	NA	< 200	< 100	< 100	< 100	< 100	< 100	4800
Phosphorus, Total	NS	< 50	< 50	NA	NA	NA	310	160	< 50	< 50	< 50	< 50	< 50
Chloride	250000	4400	3400	NA	NA	NA	9200	11000	4500	3700	9300	5000	222000
Nitrate	10000	3300	2200	NA	NA	NA	< 210	< 110	< 110	< 110	< 110	< 110	4800
Nitrogen, Nitrite	1,000	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	40
Sulfate	250000	15900	41300	NA	NA	NA	< 10000	< 10000	19800	15500	14000	18500	22600

Footnotes on page 29.

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	RW2(20-50)	RW-2(279-309)	RW3 (62-98)	RW4(108-128)	RW-4(328-348)	RW-4(388-408)	RW4(57-77)	RW-5 (080917)	RW-5A(080912)	RW-6(080915)	RW-6A(080915)	RW-7(080912)
Sample Date		**9/16/2008**	**9/11/2008**	**9/8/2008**	**9/16/2008**	**9/9/2008**	**9/10/2008**	**9/15/2008**	**9/17/2008**	**9/12/2008**	**9/15/2008**	**9/15/2008**	**9/12/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
VOCs													
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.24	< 0.24	0.39 J	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	0.72 J	0.62 J	< 0.24
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*
1,2-Dibromoethane	0.03 [0.5]	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	**7.4**	**6**	< 0.26	**3.3**	0.3 J	< 0.26	**14.3**	0.41 J	< 0.26	**2.1**	**2.9**	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	17.6	< 0.22	7.7	2.3	< 0.22
Chloroform	70	3.4	2.2	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
cis-1,3-Dichloropropene	NS	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	0.88 J	5.1	< 0.19
Methyl acetate	7000	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Methyl tert butyl ether	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.49 J	0.68 J	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	8.2	45	20.6	5.1	21.4	4.2	20.3	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	49.6	< 0.39
Xylenes	1,000	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	49.6	< 0.39
Total TIC, Volatile	NS	0	0	0	0	0	0	0	0	0	0	117.2 J	0

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	RW2(20-50)	RW-2(279-309)	RW3 (62-98)	RW4(108-128)	RW-4(328-348)	RW-4(388-408)	RW4(57-77)	RW-5 (080917)	RW-5A(080912)	RW-6(080915)	RW-6A(080915)	RW-7(080912)
Sample Date		**9/16/2008**	**9/11/2008**	**9/8/2008**	**9/16/2008**	**9/9/2008**	**9/10/2008**	**9/15/2008**	**9/17/2008**	**9/12/2008**	**9/15/2008**	**9/15/2008**	**9/12/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs													
1,1'-Biphenyl	400	< 0.56	< 0.59	< 0.59	< 0.55	< 0.6	< 0.61	NA	< 0.61	< 0.63	NA	NA	< 0.57
1,2,4-Trichlorobenzene	9	NA	NA	NA	NA	NA	NA	< 0.37	NA	NA	< 0.37	< 0.37	NA
1,2-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	< 0.35	NA	NA	< 0.35	< 0.35	NA
1,3-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	< 0.33	NA	NA	< 0.33	< 0.33	NA
1,4-Dichlorobenzene	75	NA	NA	NA	NA	NA	NA	< 0.35	NA	NA	< 0.35	< 0.35	NA
2,4,5-Trichlorophenol	700	< 2	< 2.1	< 2.1	< 2	< 2.2	< 2.2	< 2	< 2.2	< 2.3	< 2	< 2	< 2
2,4,6-Trichlorophenol	20	< 1.6	< 1.7	< 1.7	< 1.6	< 1.7	< 1.7	< 1.6	< 1.7	< 1.8	< 1.6	< 1.6	< 1.6
2,4-Dichlorophenol	20	< 2	< 2.1	< 2.1	< 1.9	< 2.1	< 2.1	< 1.9	< 2.1	< 2.2	< 1.9	< 1.9	< 2
2,4-Dimethylphenol	100	< 2	< 2.1	< 2.1	< 2	< 2.2	< 2.2	< 2	< 2.2	< 2.3	< 2	< 2	< 2
2,4-Dinitrophenol	40	< 4.3	< 4.4	< 4.4	< 4.2	< 4.5	< 4.6	< 4.2	< 4.6	< 4.8	< 4.2	< 4.2	< 4.3
2,4-Dinitrotoluene	NS	< 0.46	< 0.48	< 0.48	< 0.45	< 0.49	< 0.5	< 0.45	< 0.5	< 0.52	< 0.45	< 0.45	< 0.47
2,6-Dinitrotoluene	NS	< 0.61	< 0.64	< 0.64	< 0.6	< 0.65	< 0.67	< 0.6	< 0.67	< 0.69	< 0.6	< 0.6	< 0.62
2-Chloronaphthalene	600	< 0.49	< 0.51	< 0.51	< 0.48	< 0.53	< 0.54	< 0.48	< 0.54	< 0.56	< 0.48	< 0.48	< 0.5
2-Chlorophenol	40	< 1.5	< 1.5	< 1.5	< 1.5	< 1.6	< 1.6	< 1.5	< 1.6	< 1.7	< 1.5	< 1.5	< 1.5
2-Methylnaphthalene	NS	< 0.44	< 0.46	< 0.46	< 0.43	< 0.47	< 0.48	< 0.43	< 0.48	< 0.5	< 0.43	0.48 J	< 0.45
2-Methylphenol	NS	< 1.4	< 1.5	< 1.5	< 1.4	< 1.5	< 1.5	< 1.4	< 1.5	< 1.6	< 1.4	< 1.4	< 1.4
2-Nitroaniline	NS	< 0.45	< 0.47	< 0.47	< 0.45	< 0.48	< 0.49	< 0.45	< 0.49	< 0.51	< 0.45	< 0.45	< 0.46
2-Nitrophenol	NS	< 2	< 2.1	< 2.1	< 1.9	< 2.1	< 2.1	< 1.9	< 2.1	< 2.2	< 1.9	< 1.9	< 2
3&4-Methylphenol	NS	< 1.5	< 1.6	< 1.6	< 1.5	< 1.6	< 1.6	< 1.5	< 1.6	< 1.7	< 1.5	< 1.5	< 1.5
3,3'-Dichlorobenzidine	30	< 4.6	< 4.8	< 4.8	< 4.6	< 4.9	< 5.1	< 4.6	< 5.1	< 5.2	< 4.6	< 4.6	< 4.7
3-Nitroaniline	NS	< 0.46	< 0.48	< 0.48	< 0.45	< 0.49	< 0.5	< 0.45	< 0.5	< 0.52	< 0.45	< 0.45	< 0.46
4,6-Dinitro-2-methylphenol	NS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.3	< 1.3	< 1.2	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2
4-Bromophenyl phenyl ether	NS	< 0.42	< 0.44	< 0.44	< 0.41	< 0.45	< 0.46	< 0.41	< 0.46	< 0.47	< 0.41	< 0.41	< 0.43
4-Chloro-3-Methylphenol	NS	< 2.3	< 2.4	< 2.4	< 2.3	< 2.5	< 2.5	< 2.3	< 2.5	< 2.6	< 2.3	< 2.3	< 2.4
4-Chloroaniline	30	< 0.34	< 0.36	< 0.36	< 0.33	< 0.36	< 0.37	< 0.33	< 0.37	< 0.38	< 0.33	< 0.33	< 0.34
4-Chlorophenyl phenyl ether	NS	< 0.46	< 0.48	< 0.48	< 0.45	< 0.49	< 0.5	< 0.45	< 0.5	< 0.52	< 0.45	< 0.45	< 0.47
4-Nitroaniline	NS	< 0.46	< 0.48	< 0.48	< 0.45	< 0.49	< 0.5	< 0.45	< 0.5	< 0.52	< 0.45	< 0.45	< 0.47
4-Nitrophenol	NS	< 2.3	< 2.4	< 2.4	< 2.3	< 2.4	< 2.5	< 2.3	< 2.5	< 2.6	< 2.3	< 2.3	< 2.3
Acetophenone	700	< 0.48	< 0.5	< 0.5	< 0.47	< 0.51	< 0.52	NA	< 0.52	< 0.54	NA	NA	< 0.48
Atrazine	3	< 0.63	< 0.66	< 0.66	< 0.62	< 0.67	< 0.68	NA	< 0.68	< 0.71	NA	NA	< 0.64
Benzaldehyde	NS	< 1.6	< 1.7	< 1.7	< 1.6	< 1.8	< 1.8	NA	< 1.8	< 1.9	NA	NA	< 1.7
Benzyl butyl phthalate	100	< 0.43	< 0.44	< 0.44	< 0.42	< 0.45	< 0.46	< 0.42	< 0.46	< 0.48	< 0.42	< 0.42	< 0.43
bis(2-Chloroethoxy)methane	NS	< 0.53	< 0.55	< 0.55	< 0.52	< 0.56	< 0.57	< 0.52	< 0.57	< 0.59	< 0.52	< 0.52	< 0.53
bis(2-Chloroethyl)ether	7	< 0.5	< 0.52	< 0.52	< 0.49	< 0.54	< 0.55	< 0.49	< 0.55	< 0.57	< 0.49	< 0.49	< 0.51
bis(2-Chloroisopropyl)ether	300	< 0.56	< 0.58	< 0.58	< 0.54	< 0.59	< 0.6	< 0.54	< 0.6	< 0.63	< 0.54	< 0.54	< 0.56
bis(2-Ethylhexyl)phthalate	3	< 0.77	< 0.8	**8.5**	< 0.75	< 0.82	< 0.83	2.3	1.7 J	< 0.86	**3.7**	< 0.75	< 0.77
Caprolactam	NS	< 0.64	< 0.67	< 0.67	< 0.63	< 0.68	< 0.7	NA	< 0.7	< 0.72	NA	NA	< 0.65
Carbazole	NS	< 0.46	< 0.48	< 0.48	< 0.45	< 0.49	< 0.5	< 0.45	< 0.5	< 0.51	< 0.45	< 0.45	< 0.46
Dibenzofuran	NS	< 0.5	< 0.52	< 0.52	< 0.49	< 0.53	< 0.54	< 0.49	< 0.54	< 0.56	< 0.49	< 0.49	< 0.5
Diethyl phthalate	6000	< 0.37	< 0.38	< 0.38	< 0.36	< 0.39	< 0.4	< 0.36	< 0.4	< 0.41	< 0.36	< 0.36	< 0.37
Dimethyl phthalate	NS	< 0.37	< 0.38	< 0.38	< 0.36	< 0.39	< 0.4	< 0.36	< 0.4	< 0.41	< 0.36	< 0.36	< 0.37
di-n-butyl phthalate	700	< 0.51	< 0.53	< 0.53	< 0.5	< 0.54	< 0.55	< 0.5	< 0.55	< 0.57	< 0.5	< 0.5	< 0.51
di-n-octylphthalate	100	< 0.51	< 0.53	< 0.53	< 0.5	< 0.54	< 0.55	< 0.5	< 0.55	< 0.57	< 0.5	< 0.5	< 0.51
Hexachlorobutadiene	1	< 0.38	< 0.4	< 0.4	< 0.38	< 0.41	< 0.42	< 0.38	< 0.42	< 0.43	< 0.38	< 0.38	< 0.39
Hexachlorocyclopentadiene	40	< 4.6	< 4.8	< 4.8	< 4.5	< 4.9	< 5	< 4.5	< 5	< 5.2	< 4.5	< 4.5	< 4.7
Hexachloroethane	7	< 0.31	< 0.32	< 0.32	< 0.3	< 0.33	< 0.33	< 0.3	< 0.33	< 0.34	< 0.3	< 0.3	< 0.31
Isophrone	40	< 0.71	< 0.74	< 0.74	< 0.69	< 0.75	< 0.77	< 0.69	< 0.77	< 0.79	< 0.69	< 0.69	< 0.71
Nitrobenzene	6	< 0.67	< 0.7	< 0.7	< 0.66	< 0.72	< 0.73	< 0.66	< 0.73	< 0.76	< 0.66	< 0.66	< 0.68
N-Nitroso-di-n-Propylamine	10	< 0.4	< 0.42	< 0.42	< 0.39	< 0.43	< 0.44	< 0.39	< 0.44	< 0.45	< 0.39	< 0.39	< 0.41
N-Nitrosodiphenylamine	10	< 0.62	< 0.65	< 0.65	< 0.61	< 0.66	< 0.67	< 0.61	< 0.67	< 0.7	< 0.61	0.93 J	< 0.63
Phenol	2000	< 1.4	< 1.4	< 1.4	< 1.4	< 1.5	< 1.5	< 1.4	< 1.5	< 1.6	< 1.4	< 1.4	< 1.4
Total TIC, Semi-Volatile	NS	0	0	0	0	0	5.5 J	0	0	0	17.6 J	83 J	0

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	RW2(20-50)	RW-2(279-309)	RW3 (62-98)	RW4(108-128)	RW-4(328-348)	RW-4(388-408)	RW4(57-77)	RW-5 (080917)	RW-5A(080912)	RW-6(080915)	RW-6A(080915)	RW-7(080912)
Sample Date		**9/16/2008**	**9/11/2008**	**9/8/2008**	**9/16/2008**	**9/9/2008**	**9/10/2008**	**9/15/2008**	**9/17/2008**	**9/12/2008**	**9/15/2008**	**9/15/2008**	**9/12/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs BY SIM													
Acenaphthene	400	< 0.016	< 0.017	< 0.017	< 0.016	< 0.017	< 0.016	< 0.016	< 0.018	< 0.018	< 0.016	< 0.016	< 0.016
Acenaphthylene	NS	< 0.0071	< 0.0074	< 0.0074	< 0.007	< 0.0077	< 0.007	< 0.007	< 0.0078	< 0.008	< 0.007	< 0.007	< 0.0072
Anthracene	2000	< 0.021	< 0.022	< 0.022	< 0.021	< 0.023	< 0.021	< 0.021	< 0.023	< 0.024	< 0.021	< 0.021	< 0.022
Benzo(a)anthracene	0.1 [0.2]	< 0.034	< 0.036	< 0.036	< 0.034	< 0.037	< 0.034	< 0.034	< 0.037	< 0.039	< 0.034	< 0.034	< 0.035
Benzo(a)pyrene	0.1 [0.2]	< 0.036	< 0.038	< 0.038	< 0.036	< 0.039	< 0.036	< 0.036	< 0.039	< 0.041	< 0.036	< 0.036	< 0.037
Benzo(b)fluoranthene	0.2 [10]	< 0.017	< 0.018	< 0.018	< 0.017	< 0.019	< 0.017	< 0.017	< 0.019	< 0.02	< 0.017	< 0.017	< 0.018
Benzo(g,h,i)perylene	NS	< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.012	< 0.013	< 0.013	< 0.012	< 0.012	< 0.012
Benzo(k)fluoranthene	0.5	< 0.019	< 0.02	< 0.02	< 0.019	< 0.021	< 0.019	< 0.019	< 0.021	< 0.022	< 0.019	< 0.019	< 0.019
Chrysene	5	< 0.018	< 0.019	< 0.019	< 0.018	< 0.019	< 0.018	< 0.018	< 0.02	< 0.02	< 0.018	< 0.018	< 0.018
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.021	< 0.021	< 0.021	< 0.02	< 0.022	< 0.02	< 0.02	< 0.022	< 0.023	< 0.02	< 0.02	< 0.021
Fluoranthene	300	< 0.0098	< 0.01	< 0.01	< 0.0096	< 0.01	< 0.0096	< 0.0096	< 0.011	< 0.011	< 0.0096	< 0.0096	< 0.0099
Fluorene	300	< 0.02	< 0.021	< 0.021	< 0.02	< 0.021	< 0.02	< 0.02	< 0.022	< 0.023	< 0.02	< 0.02	< 0.02
Hexachlorobenzene	0.02 [10]	< 0.01	< 0.011	< 0.011	< 0.0099	< 0.011	< 0.0099	< 0.0099	< 0.011	< 0.011	< 0.0099	< 0.0099	< 0.01
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.015	< 0.015	< 0.015	< 0.014	< 0.016	< 0.014	< 0.014	< 0.016	< 0.017	< 0.014	< 0.014	< 0.015
Naphthalene	300	< 0.014	< 0.015	< 0.015	< 0.014	< 0.015	< 0.014	0.479	< 0.015	< 0.016	0.644	3.6	< 0.014
Pentachlorophenol	0.3 [1]	< 0.23	< 0.24	< 0.24	< 0.22	< 0.24	< 0.22	< 0.22	< 0.25	< 0.26	< 0.22	< 0.22	< 0.23
Phenanthrene	NS	< 0.017	< 0.018	< 0.018	< 0.017	< 0.019	< 0.017	< 0.017	< 0.019	< 0.02	< 0.017	< 0.017	< 0.018
Pyrene	200	< 0.012	< 0.013	< 0.013	< 0.012	< 0.013	< 0.012	< 0.012	< 0.013	< 0.014	< 0.012	< 0.012	< 0.012
PCBs													
PCB 1016	0.5	< 0.096	< 0.099	< 0.099	< 0.1	< 0.1	< 0.094	< 0.1	< 0.099	< 0.099	< 0.1	< 0.094	< 0.094
PCB 1221	0.5	< 0.48	< 0.49	< 0.49	< 0.5	< 0.5	< 0.47	< 0.52	< 0.49	< 0.49	< 0.51	< 0.47	< 0.47
PCB 1232	0.5	< 0.4	< 0.41	< 0.41	< 0.41	< 0.41	< 0.39	< 0.43	< 0.41	< 0.41	< 0.42	< 0.39	< 0.39
PCB 1242	0.5	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.16	< 0.18	< 0.17	< 0.17	< 0.18	< 0.16	< 0.16
PCB 1248	0.5	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.15	< 0.17	< 0.16	< 0.16	< 0.17	< 0.15	< 0.15
PCB 1254	0.5	< 0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.11	< 0.12	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11
PCB 1260	0.5	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.13	< 0.12	< 0.12	< 0.13	< 0.12	< 0.12
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0	0	0
Metals - Total													
Aluminum	200	< 24	**295**	< 24	< 24	< 24	< 24	< 24	< 24	**625**	< 24	< 24	**648**
Antimony	6	< 1.8	3.5 B	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	2.4 B	**10**	2.4 B	1.9 B	< 1.7
Barium	2000	46.8 B	66 B	44.9 B	13.8 B	19.6 B	10.2 B	7.2 B	29.3 B	7.7 B	308	18.7 B	3.7 B
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.1	< 0.15	< 0.15	< 0.15	< 0.15	0.2 B	< 0.15	0.5 B	< 0.15
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Calcium	NS	51200	79100	56500	13400	15300	10900	9710	63500	19600	61100	67200	10200
Chromium	70	1.7 B	2.7 B	< 0.53	0.7 B	< 0.53	1.3 B	4.7 B	1.4 B	1.7 B	4 B	< 0.53	0.8 B
Cobalt	NS	< 0.51	1.8 B	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	2.5 B	< 0.51	7.2 B	8.7 B	< 0.51
Copper	1,300	4.3 B	12.1	4.1 B	< 1.1	0.8 B	1.8 B	2.3 B	2.1 B	4.5 B	< 1.1	3.6 B	8.8 B
Iron	300	73.4 B	**1300**	253	105	**336**	**352**	**3360**	**6880**	**605**	**43200**	**9460**	**1350**
Lead	5	< 1.4	**21.2**	1.6 B	< 1.4	1.8 B	< 1.4	< 1.4	< 1.4	2.2 B	< 1.4	< 1.4	< 1.4
Magnesium	NS	17900	25200	16600	5300	3970 B	4280 B	3830 B	15400	2830 B	9050	16200	3690 B
Manganese	50	**199**	**980**	**167**	5.7 B	6.5 B	3.3 B	**75.8**	**3820**	**234**	**4500**	**9770**	9.3 B
Mercury	2	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
Nickel	100	2.2 B	6.1 B	< 1.2	< 1.2	< 1.2	1.7 B	3.9 B	2.2 B	4.7 B	2.4 B	1.5 B	< 1.2
Potassium	NS	2060 B	NA	1930 B	1110 B	1220 B	1250 B	1180 B	5060 B	NA	9560 B	2690 B	NA
Potassium	NS	NA	1850 B	NA	NA	NA	NA	NA	NA	30300	NA	NA	734 B
Selenium	40	< 1.6	< 1.6	< 1.6	1.9 B	< 1.6	< 1.6	< 1.6	4.5 B	< 1.6	3.8 B	5.8 B	< 1.6
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	**97800**	**79100**	8130 B	5810 B	5430 B	5650 B	5650 B	10600	34200	9520 B	8350 B	3130 B
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	< 0.43	1.7 B	< 0.43	< 0.43	0.7 B	0.5 B	0.5 B	0.6 B	7.8 B	5.5 B	2 B	0.9 B
Zinc	2000	329	**5670**	220	403	815	820	1040	19.3 B	10.3 B	11.1 B	4.4 B	7.5 B

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	RW2(20-50)	RW-2(279-309)	RW3 (62-98)	RW4(108-128)	RW-4(328-348)	RW-4(388-408)	RW4(57-77)	RW-5 (080917)	RW-5A(080912)	RW-6(080915)	RW-6A(080915)	RW-7(080912)
Sample Date		**9/16/2008**	**9/11/2008**	**9/8/2008**	**9/16/2008**	**9/9/2008**	**9/10/2008**	**9/15/2008**	**9/17/2008**	**9/12/2008**	**9/15/2008**	**9/15/2008**	**9/12/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
Metals - Dissolved													
Aluminum	200	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	88.6 B	< 24	< 24	< 24
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	< 1.7	2.7 B	< 1.7	< 1.7	1.8 B	**9.7**	2.1 B	1.7 B	< 1.7
Barium	2000	44.3 B	54.1 B	40.2 B	13.4 B	6.4 B	9.8 B	5.9 B	27.4 B	5 B	265	16.5 B	2.4 B
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Calcium	NS	49400	77700	50800	13600	30600	11000	9860	66800	20200	58300	65300	10300
Chromium	70	0.9 B	1.1 B	< 0.53	< 0.53	45.7	< 0.53	1 B	< 0.53	0.9 B	< 0.53	< 0.53	1 B
Cobalt	NS	0.6 B	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	2.2 B	< 0.51	6.9 B	8.4 B	< 0.51
Copper	1,300	4.9 B	< 2.5	< 2.5	1.2 B	< 0.7	1.1 B	< 1.1	1.3 B	1.6 B	< 1.1	1.3 B	< 2.5
Iron	300	24.7 B	17 B	< 7.4	< 7.4	**521**	8.1 B	**507**	**643**	162	**29600**	**2070**	15.1 B
Lead	5	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Magnesium	NS	17300	24400	15000	5400	6640	4340 B	3920 B	16200	2890 B	8730	15900	3680 B
Manganese	50	**193**	**226**	**143**	5.2 B	**1380**	2 B	**78.4**	**3910**	**201**	**4340**	**9510**	1.1 B
Mercury	2	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
Nickel	100	2.1 B	5.3 B	< 1.2	< 1.2	< 1.2	< 1.2	5.4 B	2 B	2.5 B	1.7 B	2.1 B	< 1.2
Potassium	NS	1970 B	NA	1620 B	991 B	4800 B	1190 B	1180 B	5560 B	NA	9310 B	2650 B	NA
Potassium	NS	NA	1880 B	NA	NA	NA	NA	NA	NA	29400	NA	NA	754 B
Selenium	40	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	1.7 B	2.9 B	< 1.6	1.8 B	4.2 B	< 1.6
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.6 B	< 1	< 1	< 1	< 1
Sodium	50,000	**94300**	**77700**	7120 B	5950 B	**142000**	5650 B	5700 B	11400	34500	9220 B	8100 B	3350 B
Thallium	2 [10]	< 1.3	< 1.3	1.3 B	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	< 0.43	< 0.43	< 0.43	< 0.43	0.5 B	0.7 B	< 0.43	< 0.43	6.9 B	2.8 B	< 0.43	< 0.43
Zinc	2000	327	**5370**	178	388	5.1 B	778	994	< 4	7.1 B	< 4	4.2 B	6.1 B
Other													
Alkalinity, Bicarbonate	NS	84800	148000	157000	46400	48600	40500	42100	237000	151000	235000	274000	38900
Alkalinity, Carbonate	NS	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Alkalinity, total (as CaCO3)	NS	84800	148000	158000	46400	48600	40500	42100	237000	151000	235000	274000	38900
Cyanide	100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Nitrogen, Nitrate + Nitrite	NS	5500	3200	650	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Phosphorus, Total	NS	< 50	72	< 50	< 50	< 50	< 50	< 50	< 50	110	110	59	51
Chloride	250000	205000	**258000**	17600	< 2000	< 2000	< 2000	< 2000	2100	2200	2600	< 2000	< 2000
Nitrate	10000	5500	3100	650	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110
Nitrogen, Nitrite	1,000	< 10	52	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Sulfate	250000	22200	23000	12900	18000	15100	14800	13900	21800	26500	< 10000	< 10000	12300

Footnotes on page 29.

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID		SC-1 (080917)	SC-2 (080917)	DUP (080917)	DUP(080919)	FB (080917)	FIELD BLANK (080915)	FIELD BLANK(080916)	FIELD BLANK(080918)	FIELD BLANK(080922)	FIELDBLANK(080908)
Sample Date	**GWQS[1]**	**9/17/2008**	**9/17/2008**	**9/17/2008**	**9/19/2008**	**9/17/2008**	**9/15/2008**	**9/16/2008**	**9/18/2008**	**9/22/2008**	**9/8/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
VOCs											
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*
1,2-Dibromoethane	0.03 [0.5]	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	0.81 J	< 0.26	0.42 J	**8.4**	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Chloroethane	NS	< 0.22	< 0.22	18.2	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
cis-1,3-Dichloropropene	NS	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	1.6	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	1.7 J	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Methyl acetate	7000	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Methyl tert butyl ether	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	3.3	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	0.36 J	< 0.15	< 0.15	14.2	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	16.6	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Xylenes	1,000	19.9	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	45.4 J	0	0	0	0	0	0	0	0	0

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID		SC-1 (080917)	SC-2 (080917)	DUP (080917)	DUP(080919)	FB (080917)	FIELD BLANK (080915)	FIELD BLANK(080916)	FIELD BLANK(080918)	FIELD BLANK(080922)	FIELDBLANK(080908)
Sample Date	**GWQS[1]**	**9/17/2008**	**9/17/2008**	**9/17/2008**	**9/19/2008**	**9/17/2008**	**9/15/2008**	**9/16/2008**	**9/18/2008**	**9/22/2008**	**9/8/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs											
1,1'-Biphenyl	400	< 0.55	< 0.62	< 0.55	< 0.58	< 0.59	< 0.57	< 0.55	< 0.55	< 0.55	< 0.6
1,2,4-Trichlorobenzene	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	700	< 2	< 2.2	< 2	< 2.1	< 2.1	< 2.1	< 2	< 2	< 2	< 2.2
2,4,6-Trichlorophenol	20	< 1.6	< 1.8	< 1.6	< 1.7	< 1.7	< 1.6	< 1.6	< 1.6	< 1.6	< 1.7
2,4-Dichlorophenol	20	< 1.9	< 2.2	< 1.9	< 2	< 2.1	< 2	< 1.9	< 1.9	< 1.9	< 2.1
2,4-Dimethylphenol	100	< 2	< 2.2	< 2	< 2.1	< 2.1	< 2.1	< 2	< 2	< 2	< 2.2
2,4-Dinitrophenol	40	< 4.2	< 4.7	< 4.2	< 4.4	< 4.4	< 4.3	< 4.2	< 4.2	< 4.2	< 4.5
2,4-Dinitrotoluene	NS	< 0.45	< 0.52	< 0.45	< 0.48	< 0.48	< 0.47	< 0.45	< 0.45	< 0.45	< 0.49
2,6-Dinitrotoluene	NS	< 0.6	< 0.68	< 0.6	< 0.64	< 0.64	< 0.62	< 0.6	< 0.6	< 0.6	< 0.65
2-Chloronaphthalene	600	< 0.48	< 0.55	< 0.48	< 0.51	< 0.51	< 0.5	< 0.48	< 0.48	< 0.48	< 0.53
2-Chlorophenol	40	< 1.5	< 1.6	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.6
2-Methylnaphthalene	NS	< 0.43	< 0.49	< 0.43	< 0.46	< 0.46	< 0.45	< 0.43	< 0.43	< 0.43	< 0.47
2-Methylphenol	NS	< 1.4	< 1.6	< 1.4	< 1.5	< 1.5	< 1.4	< 1.4	< 1.4	< 1.4	< 1.5
2-Nitroaniline	NS	< 0.45	< 0.51	< 0.45	< 0.47	< 0.47	< 0.46	< 0.45	< 0.45	< 0.45	< 0.48
2-Nitrophenol	NS	< 1.9	< 2.2	< 1.9	< 2	< 2.1	< 2	< 1.9	< 1.9	< 1.9	< 2.1
3&4-Methylphenol	NS	< 1.5	< 1.7	< 1.5	< 1.6	< 1.6	< 1.5	< 1.5	< 1.5	< 1.5	< 1.6
3,3'-Dichlorobenzidine	30	< 4.6	< 5.2	< 4.6	< 4.8	< 4.8	< 4.7	< 4.6	< 4.6	< 4.6	< 4.9
3-Nitroaniline	NS	< 0.45	< 0.51	< 0.45	< 0.48	< 0.48	< 0.47	< 0.45	< 0.45	< 0.45	< 0.49
4,6-Dinitro-2-methylphenol	NS	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.3
4-Bromophenyl phenyl ether	NS	< 0.41	< 0.47	< 0.41	< 0.44	< 0.44	< 0.43	< 0.41	< 0.41	< 0.41	< 0.45
4-Chloro-3-Methylphenol	NS	< 2.3	< 2.6	< 2.3	< 2.4	< 2.4	< 2.4	< 2.3	< 2.3	< 2.3	< 2.5
4-Chloroaniline	30	< 0.33	< 0.38	< 0.33	< 0.35	< 0.36	< 0.35	< 0.33	< 0.33	< 0.33	< 0.36
4-Chlorophenyl phenyl ether	NS	< 0.45	< 0.52	< 0.45	< 0.48	< 0.48	< 0.47	< 0.45	< 0.45	< 0.45	< 0.49
4-Nitroaniline	NS	< 0.45	< 0.51	< 0.45	< 0.48	< 0.48	< 0.47	< 0.45	< 0.45	< 0.45	< 0.49
4-Nitrophenol	NS	< 2.3	< 2.6	< 2.3	< 2.4	< 2.4	< 2.3	< 2.3	< 2.3	< 2.3	< 2.4
Acetophenone	700	< 0.47	< 0.53	< 0.47	< 0.49	< 0.5	< 0.48	< 0.47	< 0.47	< 0.47	< 0.51
Atrazine	3	< 0.62	< 0.7	< 0.62	< 0.65	< 0.66	< 0.64	< 0.62	< 0.62	< 0.62	< 0.67
Benzaldehyde	NS	< 1.6	< 1.8	< 1.6	< 1.7	< 1.7	< 1.7	< 1.6	< 1.6	< 1.6	< 1.8
Benzyl butyl phthalate	100	< 0.42	< 0.47	< 0.42	< 0.44	< 0.44	< 0.43	< 0.42	< 0.42	< 0.42	< 0.45
bis(2-Chloroethoxy)methane	NS	< 0.52	< 0.59	< 0.52	< 0.55	< 0.55	< 0.54	< 0.52	< 0.52	< 0.52	< 0.56
bis(2-Chloroethyl)ether	7	< 0.49	< 0.56	< 0.49	< 0.52	< 0.52	< 0.51	< 0.49	< 0.49	< 0.49	< 0.54
bis(2-Chloroisopropyl)ether	300	< 0.54	< 0.62	< 0.54	< 0.58	< 0.58	< 0.56	< 0.54	< 0.54	< 0.54	< 0.59
bis(2-Ethylhexyl)phthalate	3	2.2	< 0.85	**6.7**	< 0.8	< 0.8	< 0.78	< 0.75	< 0.75	< 0.75	< 0.82
Caprolactam	NS	< 0.63	< 0.71	< 0.63	< 0.66	< 0.67	< 0.65	< 0.63	< 0.63	< 0.63	< 0.68
Carbazole	NS	< 0.45	< 0.51	< 0.45	< 0.48	< 0.48	< 0.46	< 0.45	< 0.45	< 0.45	< 0.49
Dibenzofuran	NS	< 0.49	< 0.55	< 0.49	< 0.52	< 0.52	< 0.51	< 0.49	< 0.49	< 0.49	< 0.53
Diethyl phthalate	6000	< 0.36	< 0.41	< 0.36	< 0.38	< 0.38	< 0.37	< 0.36	< 0.36	< 0.36	< 0.39
Dimethyl phthalate	NS	< 0.36	< 0.41	< 0.36	< 0.38	< 0.38	< 0.37	< 0.36	< 0.36	< 0.36	< 0.39
di-n-butyl phthalate	700	< 0.5	< 0.57	< 0.5	< 0.53	< 0.53	< 0.52	< 0.5	< 0.5	< 0.5	< 0.54
di-n-octylphthalate	100	< 0.5	< 0.56	< 0.5	< 0.53	< 0.53	< 0.52	< 0.5	< 0.5	< 0.5	< 0.54
Hexachlorobutadiene	1	< 0.38	< 0.43	< 0.38	< 0.4	< 0.4	< 0.39	< 0.38	< 0.38	< 0.38	< 0.41
Hexachlorocyclopentadiene	40	< 4.5	< 5.1	< 4.5	< 4.8	< 4.8	< 4.7	< 4.5	< 4.5	< 4.5	< 4.9
Hexachloroethane	7	< 0.3	< 0.34	< 0.3	< 0.32	< 0.32	< 0.31	< 0.3	< 0.3	< 0.3	< 0.33
Isophrone	40	< 0.69	< 0.79	< 0.69	< 0.73	< 0.74	< 0.72	< 0.69	< 0.69	< 0.69	< 0.75
Nitrobenzene	6	< 0.66	< 0.75	< 0.66	< 0.7	< 0.7	< 0.68	< 0.66	< 0.66	< 0.66	< 0.72
N-Nitroso-di-n-Propylamine	10	< 0.39	< 0.45	< 0.39	< 0.42	< 0.42	< 0.41	< 0.39	< 0.39	< 0.39	< 0.43
N-Nitrosodiphenylamine	10	< 0.61	< 0.69	< 0.61	< 0.64	< 0.65	< 0.63	< 0.61	< 0.61	< 0.61	< 0.66
Phenol	2000	< 1.4	< 1.5	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.5
Total TIC, Semi-Volatile	NS	16.8 J	0	0	4.3 J	0	0	0	0	6.3 J	0

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID		SC-1 (080917)	SC-2 (080917)	DUP (080917)	DUP(080919)	FB (080917)	FIELD BLANK (080915)	FIELD BLANK(080916)	FIELD BLANK(080918)	FIELD BLANK(080922)	FIELDBLANK(080908)
Sample Date	**GWQS[1]**	**9/17/2008**	**9/17/2008**	**9/17/2008**	**9/19/2008**	**9/17/2008**	**9/15/2008**	**9/16/2008**	**9/18/2008**	**9/22/2008**	**9/8/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs BY SIM											
Acenaphthene	400	< 0.016	< 0.018	< 0.016	< 0.017	< 0.017	< 0.017	< 0.016	< 0.016	< 0.016	< 0.017
Acenaphthylene	NS	< 0.007	< 0.008	< 0.007	< 0.0074	< 0.0074	< 0.0073	< 0.007	< 0.007	< 0.007	< 0.0076
Anthracene	2000	< 0.021	< 0.024	< 0.021	< 0.022	< 0.022	< 0.022	< 0.021	< 0.021	< 0.021	< 0.023
Benzo(a)anthracene	0.1 [0.2]	< 0.034	< 0.038	< 0.034	< 0.036	< 0.036	< 0.035	< 0.034	< 0.034	< 0.034	< 0.037
Benzo(a)pyrene	0.1 [0.2]	< 0.036	< 0.04	< 0.036	< 0.038	< 0.038	< 0.037	< 0.036	< 0.036	< 0.036	< 0.039
Benzo(b)fluoranthene	0.2 [10]	< 0.017	< 0.019	< 0.017	< 0.018	< 0.018	< 0.018	< 0.017	< 0.017	< 0.017	< 0.018
Benzo(g,h,i)perylene	NS	< 0.012	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.013
Benzo(k)fluoranthene	0.5	< 0.019	< 0.021	< 0.019	< 0.02	< 0.02	< 0.019	< 0.019	< 0.019	< 0.019	< 0.02
Chrysene	5	< 0.018	< 0.02	< 0.018	< 0.019	< 0.019	< 0.018	< 0.018	< 0.018	< 0.018	< 0.019
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.02	< 0.023	< 0.02	< 0.021	< 0.021	< 0.021	< 0.02	< 0.02	< 0.02	< 0.022
Fluoranthene	300	< 0.0096	< 0.011	< 0.0096	< 0.01	< 0.01	< 0.0099	< 0.0096	< 0.0096	< 0.0096	< 0.01
Fluorene	300	< 0.02	< 0.022	< 0.02	< 0.021	< 0.021	< 0.02	< 0.02	< 0.02	< 0.02	< 0.021
Hexachlorobenzene	0.02 [10]	< 0.0099	< 0.011	< 0.0099	< 0.011	< 0.011	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.011
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.014	< 0.016	< 0.014	< 0.015	< 0.015	< 0.015	< 0.014	< 0.014	< 0.014	< 0.016
Naphthalene	300	1.59	< 0.016	< 0.014	< 0.015	< 0.015	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015
Pentachlorophenol	0.3 [1]	< 0.22	< 0.25	< 0.22	< 0.24	< 0.24	< 0.23	< 0.22	< 0.22	< 0.22	< 0.24
Phenanthrene	NS	< 0.017	< 0.019	< 0.017	< 0.018	< 0.018	< 0.018	< 0.017	< 0.017	< 0.017	< 0.018
Pyrene	200	< 0.012	< 0.014	< 0.012	< 0.013	< 0.013	< 0.013	< 0.012	< 0.012	< 0.012	< 0.013
PCBs											
PCB 1016	0.5	< 0.094	< 0.1	< 0.094	< 0.1	< 0.11	< 0.094	< 0.1	< 0.098	< 0.1	< 0.1
PCB 1221	0.5	< 0.47	< 0.51	< 0.47	< 0.52	< 0.53	< 0.47	< 0.5	< 0.49	< 0.5	< 0.52
PCB 1232	0.5	< 0.39	< 0.42	< 0.39	< 0.43	< 0.44	< 0.39	< 0.41	< 0.41	< 0.41	< 0.43
PCB 1242	0.5	< 0.16	< 0.18	< 0.16	< 0.18	< 0.19	< 0.16	< 0.17	< 0.17	< 0.17	< 0.18
PCB 1248	0.5	< 0.15	< 0.17	< 0.15	< 0.17	< 0.17	< 0.15	< 0.16	< 0.16	< 0.16	< 0.17
PCB 1254	0.5	< 0.11	< 0.12	< 0.11	< 0.12	< 0.12	< 0.11	< 0.12	< 0.11	< 0.12	< 0.12
PCB 1260	0.5	< 0.12	< 0.13	< 0.12	< 0.13	< 0.13	< 0.12	< 0.12	< 0.12	< 0.12	< 0.13
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0
Metals - Total											
Aluminum	200	42.7 B	181 B	55.3 B	< 24	< 24	31.7 B	< 24	< 24	< 24	< 24
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Arsenic	3 [8]	< 1.7	2.1 B	2.3 B	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Barium	2000	282	73.8 B	32.7 B	4.8 B	3.3 B	1.1 B	< 1.1	< 1.1	< 1.1	< 1.1
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cadmium	4	< 0.28	1.9 B	< 0.28	0.3 B	< 0.28	< 0.28	< 0.28	0.4 B	< 0.28	< 0.28
Calcium	NS	29100	64600	66300	25400	< 31	< 31	31.7 B	< 31	61.2 B	< 31
Chromium	70	5.3 B	1.7 B	2.1 B	< 0.53	< 0.53	0.6 B	1.9 B	< 0.53	< 0.53	< 0.53
Cobalt	NS	2.2 B	19.7 B	2.6 B	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51
Copper	1,300	4.9 B	4.7 B	2.3 B	1.1 B	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 2.5
Iron	300	**47100**	**8040**	**7290**	< 7.4	< 7.4	48.2 B	12.9 B	12.7 B	< 7.4	< 7.4
Lead	5	**6.2**	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Magnesium	NS	3050 B	15000	16700	5090	< 24	< 24	25.8 B	< 24	< 24	< 24
Manganese	50	**518**	**619**	**3990**	2.6 B	1 B	0.3 B	0.4 B	< 0.24	0.4 B	< 0.24
Mercury	2	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
Nickel	100	4.4 B	8.1 B	2.4 B	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Potassium	NS	1900 B	3260 B	5650 B	820 B	125 B	185 B	90.3 B	< 48	< 48	< 48
Potassium	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	40	1.7 B	2.1 B	2.2 B	< 1.6	< 1.6	2.4 B	2.7 B	< 1.6	< 1.6	< 1.6
Silver	40	< 1	< 1	1.3 B	< 1	< 1	< 1	< 1	1.1 B	< 1	< 1
Sodium	50,000	3130 B	10200	11600	3980 B	75 B	241 B	66.8 B	51.6 B	79.9 B	77.9 B
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	5.9 B	0.8 B	0.9 B	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43
Zinc	2000	72.2	87.4	22.3	93.5	4.6 B	< 4	< 4	5 B	4.8 B	< 4

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID		SC-1 (080917)	SC-2 (080917)	DUP (080917)	DUP(080919)	FB (080917)	FIELD BLANK (080915)	FIELD BLANK(080916)	FIELD BLANK(080918)	FIELD BLANK(080922)	FIELDBLANK(080908)
Sample Date	**GWQS[1]**	**9/17/2008**	**9/17/2008**	**9/17/2008**	**9/19/2008**	**9/17/2008**	**9/15/2008**	**9/16/2008**	**9/18/2008**	**9/22/2008**	**9/8/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
Metals - Dissolved											
Aluminum	200	< 24	< 24	< 24	< 24	NA	NA	NA	NA	NA	NA
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	NA	NA	NA	NA	NA	NA
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	< 1.7	NA	NA	NA	NA	NA	NA
Barium	2000	261	77.6 B	26.4 B	4.5 B	NA	NA	NA	NA	NA	NA
Beryllium	1	< 0.15	< 0.15	< 0.15	0.15 B	NA	NA	NA	NA	NA	NA
Cadmium	4	< 0.28	< 0.28	< 0.28	0.4 B	NA	NA	NA	NA	NA	NA
Calcium	NS	28200	64900	66700	24500	NA	NA	NA	NA	NA	NA
Chromium	70	1.1 B	0.9 B	< 0.53	< 0.53	NA	NA	NA	NA	NA	NA
Cobalt	NS	2.2 B	22.6 B	2.5 B	< 0.51	NA	NA	NA	NA	NA	NA
Copper	1,300	< 1.1	1.6 B	< 1.1	1.4 B	NA	NA	NA	NA	NA	NA
Iron	300	**27300**	96.3 B	**700**	< 7.4	NA	NA	NA	NA	NA	NA
Lead	5	< 1.4	< 1.4	< 1.4	< 1.4	NA	NA	NA	NA	NA	NA
Magnesium	NS	2940 B	15100	16200	4890 B	NA	NA	NA	NA	NA	NA
Manganese	50	**497**	**599**	**3980**	2.6 B	NA	NA	NA	NA	NA	NA
Mercury	2	< 0.049	< 0.049	< 0.049	< 0.049	NA	NA	NA	NA	NA	NA
Nickel	100	4.6 B	9.4 B	2.3 B	1.2 B	NA	NA	NA	NA	NA	NA
Potassium	NS	1830 B	3450 B	5320 B	866 B	NA	NA	NA	NA	NA	NA
Potassium	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	40	2.9 B	< 1.6	4.1 B	< 1.6	NA	NA	NA	NA	NA	NA
Silver	40	< 1	1 B	< 1	< 1	NA	NA	NA	NA	NA	NA
Sodium	50,000	3000 B	10200	11400	3810 B	NA	NA	NA	NA	NA	NA
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	NA	NA	NA	NA	NA	NA
Vanadium	NS	1.6 B	< 0.43	< 0.43	< 0.43	NA	NA	NA	NA	NA	NA
Zinc	2000	12.3 B	91.9	4.3 B	89.3	NA	NA	NA	NA	NA	NA
Other											
Alkalinity, Bicarbonate	NS	86900	173000	238000	62600	NA	NA	NA	NA	NA	NA
Alkalinity, Carbonate	NS	< 5000	< 5000	< 5000	< 5000	NA	NA	NA	NA	NA	NA
Alkalinity, total (as CaCO3)	NS	86900	173000	238000	62600	NA	NA	NA	NA	NA	NA
Cyanide	100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Nitrogen, Nitrate + Nitrite	NS	< 200	< 200	< 100	< 100	NA	NA	NA	NA	NA	NA
Phosphorus, Total	NS	< 50	< 50	< 50	< 50	NA	NA	NA	NA	NA	NA
Chloride	250000	< 2000	36400	2000	9300	NA	NA	NA	NA	NA	NA
Nitrate	10000	< 210	< 210	< 110	< 110	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	1,000	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA
Sulfate	250000	< 10000	26000	22500	14100	NA	NA	NA	NA	NA	NA

Footnotes on page 29.

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID		FIELDBLANK(080909)	FIELDBLANK(080911)	FIELDBLANK(080912)	TRIP BLANK(080922)	TRIP BLANK-080916	TRIP BLANK-080916 (JA690)	TRIP BLANK-080917	TRIP BLANK-080918
Sample Date	**GWQS[1]**	**9/9/2008**	**9/11/2008**	**9/12/2008**	**9/22/2008**	**9/16/2008**	**9/15/2008**	**9/17/2008**	**9/19/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
VOCs									
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*	< 1.3*
1,2-Dibromoethane	0.03 [0.5]	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*	< 0.18*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	< 0.26	**187**	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
cis-1,3-Dichloropropene	NS	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	0.94 J	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Methyl acetate	7000	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Methyl tert butyl ether	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	< 0.15	128	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	1	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Xylenes	1,000	< 0.39	1	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	0	0	0	0	0	0	0	0

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	FIELDBLANK(080909)	FIELDBLANK(080911)	FIELDBLANK(080912)	TRIP BLANK(080922)	TRIP BLANK-080916	TRIP BLANK-080916 (JA690)	TRIP BLANK-080917	TRIP BLANK-080918
Sample Date		**9/9/2008**	**9/11/2008**	**9/12/2008**	**9/22/2008**	**9/16/2008**	**9/15/2008**	**9/17/2008**	**9/19/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs									
1,1'-Biphenyl	400	< 0.6	< 0.61	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	9	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	600	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	700	< 2.2	< 2.2	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	20	< 1.7	< 1.7	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	20	< 2.1	< 2.1	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	100	< 2.2	< 2.2	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	40	< 4.5	< 4.6	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	< 0.49	< 0.5	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NS	< 0.65	< 0.67	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	600	< 0.53	< 0.54	NA	NA	NA	NA	NA	NA
2-Chlorophenol	40	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NS	< 0.47	< 0.48	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	< 1.5	< 1.5	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	< 0.48	< 0.49	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NS	< 2.1	< 2.1	NA	NA	NA	NA	NA	NA
3&4-Methylphenol	NS	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	30	< 4.9	< 5.1	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	< 0.49	< 0.5	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NS	< 1.3	< 1.3	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	< 0.45	< 0.46	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NS	< 2.5	< 2.5	NA	NA	NA	NA	NA	NA
4-Chloroaniline	30	< 0.36	< 0.37	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	< 0.49	< 0.5	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	< 0.49	< 0.5	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NS	< 2.4	< 2.5	NA	NA	NA	NA	NA	NA
Acetophenone	700	< 0.51	< 0.52	NA	NA	NA	NA	NA	NA
Atrazine	3	< 0.67	< 0.68	NA	NA	NA	NA	NA	NA
Benzaldehyde	NS	< 1.8	< 1.8	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	100	< 0.45	< 0.46	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	< 0.56	< 0.57	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	7	< 0.54	< 0.55	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	300	< 0.59	< 0.6	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	3	< 0.82	< 0.83	NA	NA	NA	NA	NA	NA
Caprolactam	NS	< 0.68	< 0.7	NA	NA	NA	NA	NA	NA
Carbazole	NS	< 0.49	< 0.5	NA	NA	NA	NA	NA	NA
Dibenzofuran	NS	< 0.53	< 0.54	NA	NA	NA	NA	NA	NA
Diethyl phthalate	6000	< 0.39	< 0.4	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	NS	< 0.39	< 0.4	NA	NA	NA	NA	NA	NA
di-n-butyl phthalate	700	< 0.54	< 0.55	NA	NA	NA	NA	NA	NA
di-n-octylphthalate	100	< 0.54	< 0.55	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	1	< 0.41	< 0.42	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	40	< 4.9	< 5	NA	NA	NA	NA	NA	NA
Hexachloroethane	7	< 0.33	< 0.33	NA	NA	NA	NA	NA	NA
Isophrone	40	< 0.75	< 0.77	NA	NA	NA	NA	NA	NA
Nitrobenzene	6	< 0.72	< 0.73	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-Propylamine	10	< 0.43	< 0.44	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	10	< 0.66	< 0.67	NA	NA	NA	NA	NA	NA
Phenol	2000	< 1.5	< 1.5	NA	NA	NA	NA	NA	NA
Total TIC, Semi-Volatile	NS	0	0	NA	NA	NA	NA	NA	NA

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	FIELDBLANK(080909)	FIELDBLANK(080911)	FIELDBLANK(080912)	TRIP BLANK(080922)	TRIP BLANK-080916	TRIP BLANK-080916 (JA690)	TRIP BLANK-080917	TRIP BLANK-080918
Sample Date		**9/9/2008**	**9/11/2008**	**9/12/2008**	**9/22/2008**	**9/16/2008**	**9/15/2008**	**9/17/2008**	**9/19/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
SVOCs BY SIM									
Acenaphthene	400	< 0.018	< 0.018	NA	NA	NA	NA	NA	NA
Acenaphthylene	NS	< 0.0077	< 0.0078	NA	NA	NA	NA	NA	NA
Anthracene	2000	< 0.023	< 0.023	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.1 [0.2]	< 0.037	< 0.037	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.1 [0.2]	< 0.039	< 0.039	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.2 [10]	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	< 0.013	< 0.013	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	< 0.021	< 0.021	NA	NA	NA	NA	NA	NA
Chrysene	5	< 0.019	< 0.02	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.022	< 0.022	NA	NA	NA	NA	NA	NA
Fluoranthene	300	< 0.011	< 0.011	NA	NA	NA	NA	NA	NA
Fluorene	300	< 0.022	< 0.022	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.02 [10]	< 0.011	< 0.011	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.016	< 0.016	NA	NA	NA	NA	NA	NA
Naphthalene	300	< 0.015	< 0.015	NA	NA	NA	NA	NA	NA
Pentachlorophenol	0.3 [1]	< 0.25	< 0.25	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA
Pyrene	200	< 0.013	< 0.013	NA	NA	NA	NA	NA	NA
PCBs									
PCB 1016	0.5	< 0.1	< 0.099	NA	NA	NA	NA	NA	NA
PCB 1221	0.5	< 0.5	< 0.49	NA	NA	NA	NA	NA	NA
PCB 1232	0.5	< 0.41	< 0.41	NA	NA	NA	NA	NA	NA
PCB 1242	0.5	< 0.17	< 0.17	NA	NA	NA	NA	NA	NA
PCB 1248	0.5	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
PCB 1254	0.5	< 0.12	< 0.11	NA	NA	NA	NA	NA	NA
PCB 1260	0.5	< 0.12	< 0.12	NA	NA	NA	NA	NA	NA
Total PCBs	0.5	0	0	NA	NA	NA	NA	NA	NA
Metals - Total									
Aluminum	200	< 24	< 24	26.1 B	NA	NA	NA	NA	NA
Antimony	6	< 1.8	< 1.8	< 1.8	NA	NA	NA	NA	NA
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	NA	NA	NA	NA	NA
Barium	2000	< 1.1	1.1 B	2.2 B	NA	NA	NA	NA	NA
Beryllium	1	< 0.15	< 0.15	< 0.15	NA	NA	NA	NA	NA
Cadmium	4	< 0.28	< 0.28	< 0.28	NA	NA	NA	NA	NA
Calcium	NS	< 31	< 31	< 31	NA	NA	NA	NA	NA
Chromium	70	< 0.53	< 0.53	< 0.53	NA	NA	NA	NA	NA
Cobalt	NS	< 0.51	< 0.51	< 0.51	NA	NA	NA	NA	NA
Copper	1,300	1 B	1.8 B	< 2.5	NA	NA	NA	NA	NA
Iron	300	< 7.4	< 7.4	8 B	NA	NA	NA	NA	NA
Lead	5	< 1.4	< 1.4	< 1.4	NA	NA	NA	NA	NA
Magnesium	NS	< 24	< 24	< 24	NA	NA	NA	NA	NA
Manganese	50	< 0.24	< 0.24	< 0.24	NA	NA	NA	NA	NA
Mercury	2	< 0.049	< 0.049	< 0.049	NA	NA	NA	NA	NA
Nickel	100	< 1.2	< 1.2	< 1.2	NA	NA	NA	NA	NA
Potassium	NS	< 48	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NA	193 B	< 48	NA	NA	NA	NA	NA
Selenium	40	< 1.6	1.8 B	< 1.6	NA	NA	NA	NA	NA
Silver	40	< 1	< 1	< 1	NA	NA	NA	NA	NA
Sodium	50,000	67.8 B	88.2 B	43.3 B	NA	NA	NA	NA	NA
Thallium	2 [10]	< 1.3	1.5 B	< 1.3	NA	NA	NA	NA	NA
Vanadium	NS	< 0.43	< 0.43	< 0.43	NA	NA	NA	NA	NA
Zinc	2000	6.5 B	6.1 B	< 4	NA	NA	NA	NA	NA

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID	GWQS[1]	FIELDBLANK(080909)	FIELDBLANK(080911)	FIELDBLANK(080912)	TRIP BLANK(080922)	TRIP BLANK-080916	TRIP BLANK-080916 (JA690)	TRIP BLANK-080917	TRIP BLANK-080918
Sample Date		**9/9/2008**	**9/11/2008**	**9/12/2008**	**9/22/2008**	**9/16/2008**	**9/15/2008**	**9/17/2008**	**9/19/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**	**Pending**
Metals - Dissolved									
Aluminum	200	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	6	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	3 [8]	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2000	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	1	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	4	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NS	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	70	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NS	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1,300	NA	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NS	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	2	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	100	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	40	NA	NA	NA	NA	NA	NA	NA	NA
Silver	40	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	50,000	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	2 [10]	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NS	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	2000	NA	NA	NA	NA	NA	NA	NA	NA
Other									
Alkalinity, Bicarbonate	NS	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity, Carbonate	NS	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity, total (as CaCO3)	NS	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	100	< 10	< 10	< 10	NA	NA	NA	NA	NA
Nitrogen, Nitrate + Nitrite	NS	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus, Total	NS	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	250000	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate	10000	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	1,000	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	250000	NA	NA	NA	NA	NA	NA	NA	NA

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Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID		TRIPBLANK(080908)	TRIPBLANK-080909	TRIPBLANK-080910	TRIPBLANK-080911
Sample Date	GWQS[1]	9/8/2008	9/9/2008	9/10/2008	9/12/2008
Validation Status		Pending	Pending	Pending	Pending
VOCs					
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.24	< 0.24	< 0.24	< 0.24
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 1.3*	< 1.3*	< 1.3*	< 1.3*
1,2-Dibromoethane	0.03 [0.5]	< 0.18*	< 0.18*	< 0.18*	< 0.18*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.22	< 0.22	< 0.22	< 0.22
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.3	< 1.3	< 1.3	< 1.3
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	< 0.26	< 0.26	< 0.26	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.16	< 0.16	< 0.16	< 0.16
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.19	< 0.19	< 0.19	< 0.19
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.25	< 0.25	< 0.25	< 0.25
cis-1,3-Dichloropropene	NS	< 0.18	< 0.18	< 0.18	< 0.18
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.16	< 0.16	< 0.16	< 0.16
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.19	< 0.19	< 0.19	< 0.19
Methyl acetate	7000	< 1.7	< 1.7	< 1.7	< 1.7
Methyl tert butyl ether	70	< 0.16	< 0.16	< 0.16	< 0.16
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.17	< 0.17	< 0.17	< 0.17
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	< 0.15	< 0.15	< 0.15	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	< 0.39
Xylenes	1,000	< 0.39	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	0	0	0	0

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID		TRIPBLANK(080908)	TRIPBLANK-080909	TRIPBLANK-080910	TRIPBLANK-080911
Sample Date	GWQS[1]	9/8/2008	9/9/2008	9/10/2008	9/12/2008
Validation Status		Pending	Pending	Pending	Pending
SVOCs					
1,1'-Biphenyl	400	NA	NA	NA	NA
1,2,4-Trichlorobenzene	9	NA	NA	NA	NA
1,2-Dichlorobenzene	600	NA	NA	NA	NA
1,3-Dichlorobenzene	600	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NA	NA	NA	NA
2,4,5-Trichlorophenol	700	NA	NA	NA	NA
2,4,6-Trichlorophenol	20	NA	NA	NA	NA
2,4-Dichlorophenol	20	NA	NA	NA	NA
2,4-Dimethylphenol	100	NA	NA	NA	NA
2,4-Dinitrophenol	40	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NA	NA	NA	NA
2,6-Dinitrotoluene	NS	NA	NA	NA	NA
2-Chloronaphthalene	600	NA	NA	NA	NA
2-Chlorophenol	40	NA	NA	NA	NA
2-Methylnaphthalene	NS	NA	NA	NA	NA
2-Methylphenol	NS	NA	NA	NA	NA
2-Nitroaniline	NS	NA	NA	NA	NA
2-Nitrophenol	NS	NA	NA	NA	NA
3&4-Methylphenol	NS	NA	NA	NA	NA
3,3'-Dichlorobenzidine	30	NA	NA	NA	NA
3-Nitroaniline	NS	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NS	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NS	NA	NA	NA	NA
4-Chloroaniline	30	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	NA	NA	NA	NA
4-Nitroaniline	NS	NA	NA	NA	NA
4-Nitrophenol	NS	NA	NA	NA	NA
Acetophenone	700	NA	NA	NA	NA
Atrazine	3	NA	NA	NA	NA
Benzaldehyde	NS	NA	NA	NA	NA
Benzyl butyl phthalate	100	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NA	NA	NA	NA
bis(2-Chloroethyl)ether	7	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	300	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	3	NA	NA	NA	NA
Caprolactam	NS	NA	NA	NA	NA
Carbazole	NS	NA	NA	NA	NA
Dibenzofuran	NS	NA	NA	NA	NA
Diethyl phthalate	6000	NA	NA	NA	NA
Dimethyl phthalate	NS	NA	NA	NA	NA
di-n-butyl phthalate	700	NA	NA	NA	NA
di-n-octylphthalate	100	NA	NA	NA	NA
Hexachlorobutadiene	1	NA	NA	NA	NA
Hexachlorocyclopentadiene	40	NA	NA	NA	NA
Hexachloroethane	7	NA	NA	NA	NA
Isophrone	40	NA	NA	NA	NA
Nitrobenzene	6	NA	NA	NA	NA
N-Nitroso-di-n-Propylamine	10	NA	NA	NA	NA
N-Nitrosodiphenylamine	10	NA	NA	NA	NA
Phenol	2000	NA	NA	NA	NA
Total TIC, Semi-Volatile	NS	NA	NA	NA	NA

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID		**TRIPBLANK(080908)**	**TRIPBLANK-080909**	**TRIPBLANK-080910**	**TRIPBLANK-080911**
Sample Date	**GWQS[1]**	**9/8/2008**	**9/9/2008**	**9/10/2008**	**9/12/2008**
Validation Status		**Pending**	**Pending**	**Pending**	**Pending**
SVOCs BY SIM					
Acenaphthene	400	NA	NA	NA	NA
Acenaphthylene	NS	NA	NA	NA	NA
Anthracene	2000	NA	NA	NA	NA
Benzo(a)anthracene	0.1 [0.2]	NA	NA	NA	NA
Benzo(a)pyrene	0.1 [0.2]	NA	NA	NA	NA
Benzo(b)fluoranthene	0.2 [10]	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	NA	NA	NA	NA
Chrysene	5	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.3 [0.5]	NA	NA	NA	NA
Fluoranthene	300	NA	NA	NA	NA
Fluorene	300	NA	NA	NA	NA
Hexachlorobenzene	0.02 [10]	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.2 [10]	NA	NA	NA	NA
Naphthalene	300	NA	NA	NA	NA
Pentachlorophenol	0.3 [1]	NA	NA	NA	NA
Phenanthrene	NS	NA	NA	NA	NA
Pyrene	200	NA	NA	NA	NA
PCBs					
PCB 1016	0.5	NA	NA	NA	NA
PCB 1221	0.5	NA	NA	NA	NA
PCB 1232	0.5	NA	NA	NA	NA
PCB 1242	0.5	NA	NA	NA	NA
PCB 1248	0.5	NA	NA	NA	NA
PCB 1254	0.5	NA	NA	NA	NA
PCB 1260	0.5	NA	NA	NA	NA
Total PCBs	0.5	NA	NA	NA	NA
Metals - Total					
Aluminum	200	NA	NA	NA	NA
Antimony	6	NA	NA	NA	NA
Arsenic	3 [8]	NA	NA	NA	NA
Barium	2000	NA	NA	NA	NA
Beryllium	1	NA	NA	NA	NA
Cadmium	4	NA	NA	NA	NA
Calcium	NS	NA	NA	NA	NA
Chromium	70	NA	NA	NA	NA
Cobalt	NS	NA	NA	NA	NA
Copper	1,300	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA
Magnesium	NS	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA
Mercury	2	NA	NA	NA	NA
Nickel	100	NA	NA	NA	NA
Potassium	NS	NA	NA	NA	NA
Potassium	NS	NA	NA	NA	NA
Selenium	40	NA	NA	NA	NA
Silver	40	NA	NA	NA	NA
Sodium	50,000	NA	NA	NA	NA
Thallium	2 [10]	NA	NA	NA	NA
Vanadium	NS	NA	NA	NA	NA
Zinc	2000	NA	NA	NA	NA

Table 1. Summary of Ground Water Analytical Results, Rir

Sample ID		TRIPBLANK(080908)	TRIPBLANK-080909	TRIPBLANK-080910	TRIPBLANK-080911
Sample Date	GWQS[1]	9/8/2008	9/9/2008	9/10/2008	9/12/2008
Validation Status		Pending	Pending	Pending	Pending
Metals - Dissolved					
Aluminum	200	NA	NA	NA	NA
Antimony	6	NA	NA	NA	NA
Arsenic	3 [8]	NA	NA	NA	NA
Barium	2000	NA	NA	NA	NA
Beryllium	1	NA	NA	NA	NA
Cadmium	4	NA	NA	NA	NA
Calcium	NS	NA	NA	NA	NA
Chromium	70	NA	NA	NA	NA
Cobalt	NS	NA	NA	NA	NA
Copper	1,300	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA
Magnesium	NS	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA
Mercury	2	NA	NA	NA	NA
Nickel	100	NA	NA	NA	NA
Potassium	NS	NA	NA	NA	NA
Potassium	NS	NA	NA	NA	NA
Selenium	40	NA	NA	NA	NA
Silver	40	NA	NA	NA	NA
Sodium	50,000	NA	NA	NA	NA
Thallium	2 [10]	NA	NA	NA	NA
Vanadium	NS	NA	NA	NA	NA
Zinc	2000	NA	NA	NA	NA
Other					
Alkalinity, Bicarbonate	NS	NA	NA	NA	NA
Alkalinity, Carbonate	NS	NA	NA	NA	NA
Alkalinity, total (as CaCO3)	NS	NA	NA	NA	NA
Cyanide	100	NA	NA	NA	NA
Nitrogen, Nitrate + Nitrite	NS	NA	NA	NA	NA
Phosphorus, Total	NS	NA	NA	NA	NA
Chloride	250000	NA	NA	NA	NA
Nitrate	10000	NA	NA	NA	NA
Nitrogen, Nitrite	1,000	NA	NA	NA	NA
Sulfate	250000	NA	NA	NA	NA

Footnotes on page 29.

Table 1. Summary of Ground Water Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Results are presented in micrograms per liter (ug/L) unless otherwise noted.

<	Not detected.
NA	Not analyzed.
NS	No standard.
B	Organic: analyte found in associated method blank.
B	Inorganic: estimated result is between the detection limit and quantification limit.
J	Estimated result.
[1]	Ground Water Quality Standards (GWQS), Class IIA, as specified in New Jersey Administrative Code (N.J.A.C). 7:9-6, current 2005 and interim criteria, select 2004 criteria are presented in [ ].
Bold	Value is above the Ground Water Quality Standard
*	Detection limit is above the 2005 GWQS standard.

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Table 2. Field Parameters at Sampling Time - Overburden Wells - April 2008, Ringwood Mines/Landfill Site, Ringwood, New Jersey

Well ID	Sample Date	Sample Time	Minutes elapsed	Rate (mlpm)	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (ºC)	Depth to Water (feet)	Diss. Oxygen (mg/L)
OB-1	4/30/2008	15:28	40	200	2.7	196.9	5.57	0.033	9.04	5.61	7.52
OB-2	4/28/2008	14:05	42	250	0.00	18.5	5.95	0.099	9.82	18.88	9.36
OB-3	4/28/2008	15:17	30	300	21.0	170.1	5.97	0.072	9.11	4.89	6.47
OB-4	4/28/2008	11:00	47	250	0.00	-52.0	6.49	0.689	12.40	18.12	0.25
OB-5	4/28/2008	10:38	50	300	2.80	-87.5	6.64	0.918	10.33	3.01	0.26
OB-6	5/1/2008	9:54	30	300	0.92	-23.8	6.46	0.386	8.85	6.60	0.35
OB-7	4/30/2008	9:03	35	300	23.00	-68.4	6.82	0.675	9.69	3.63	0.62
OB-10	4/29/2008	14:53	35	200	1.70	192.8	5.01	0.120	10.88	5.81	3.72
OB-12	4/28/2008	15:45	33	300	***	36.8	5.58	0.072	8.69	10.23	6.59
OB-13	4/28/2008	13:35	30	250	0.40	184.6	5.93	0.065	9.67	14.75	9.61
OB-14A	4/30/2008	15:55	65	300	8.80	-79.6	6.21	0.964	13.96	11.57	0.35
OB-14B	4/30/2008	15:32	40	200	14.70	6.8	6.76	0.852	14.01	13.50	0.24
OB-15B	5/2/2008	9:47	35	300	11.0	32.1	7.89	0.186	9.91	7.86	0.28
OB-16	5/1/2008	14:40	55	250	0.00	-66.1	6.39	0.914	10.50	6.12	0.21
OB-17	5/1/2008	10:30	37	250	0.80	45.4	6.19	0.575	9.44	5.89	0.57
OB-18	5/1/2008	10:55	50	300	0.41	53.2	6.67	0.296	8.90	7.42	1.70
OB-19	4/29/2008	16:25	35	300	0.00	-66.2	6.05	0.100	9.30	11.62	0.19
OB-20A	4/29/2008	12:10	30	300	34.0	-44.2	6.26	0.221	6.64	14.76	0.33
OB-20B	4/29/2008	12:23	55	300	20.0	-42.7	6.14	0.299	8.94	14.87	0.27
OB-21	4/29/2008	9:47	40	200	60.0	48.1	6.17	0.088	8.95	6.25	5.43
OB-22	5/1/2008	14:45	50	40	63.0	225.3	5.99	0.345	9.87	14.29	8.57
OB-23	5/2/2008	12:27	50	40	8.7	-60	6.62	2.400	12.75	18.65	0.46
OB-24	4/30/2008	11:17	35	300	5.30	45.5	7.07	0.780	9.08	5.17	0.27
OB-25	4/29/2008	9:34 & 12:45	35	40	550.0	204.3	7.13	0.623	8.7	12.55	10.49
OB-26	5/9/2008	15:05	60	300	9.0	167	5.45	0.065	8.82	9.19	6.03
SC-1	4/30/2008	10:55	65	300	0.0	-74.2	5.99	0.215	6.18	14.12	0.10
SC-2	5/5/2008	11:27	110	100	46.0	-20.7	6.36	0.600	20.03	***	0.84

*** Data not recorded

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Table 2. Field Parameters at Sampling Time - Rock Wells - April 2008, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Well ID	Interval (fbgs)	Sample Date	Sample Time	Minutes elapsed	Rate gpm	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (ºC)	Depth to Water (feet)	Diss. Oxygen (mg/L)
RW-1	11-31	5/6/2008	12:48	29	4	7.2	149.4	5.27	0.037	11.59	9.06	7.47
RW-1	59-79	5/6/2008	14:28	16	4	6.9	22.0	6.56	0.131	12.39	9.06	5.75
RW-1	98-118	5/7/2008	12:00	29	3.4	1.3	-31.3	7.62	0.201	11.01	9.26	2.93
RW-1	126-146	5/7/2008	14:33	18	5	0.2	-96.9	7.39	0.203	12.40	9.26	2.09
RW-2	20-50	5/1/2008	11:48	38	4.0	9.7	117.7	6.15	1.155	14.66	9.18	2.61
RW-2	103-133	5/1/2008	14:59	90	1.7	7.6	149.1	6.30	1.209	14.37	9.18	0.72
RW-2	162-192	5/2/2008	DRY	***	***	***	***	***	***	***	***	***
RW-2	279-309	5/2/2008	DRY	***	***	***	***	***	***	***	***	***
RW-2	442-479	5/5/2008	15:31	238	0.5	24.0	-61.6	6.61	2.639	22.10	9.18	2.14
RW-3	62-98	4/30/2008	15:55	38	1	32	-112.2	7.23	0.404	11.77	13.12	0.49
RW-4	57-77	4/28/2008	14:45	108	0.75	10.0	122.0	6.65	0.114	12.87	28.44	3.47
RW-4	108-128	4/29/2008	9:30	35	5.0	6.8	189.7	7.01	0.144	10.85	28.44	6.31
RW-4	328-348	4/29/2008	12:21	38	4.7	N/A	135.7	6.71	0.123	10.9	28.44	7.90
RW-4	388-408	4/29/2008	14:50	18	1.0	14.0	226.6	6.52	0.125	11.47	28.44	7.24
RW-5	99-119	5/2/2008	12:45	40	200	6.8	-86.6	6.67	0.741	9.20	13.15	0.39
RW-5A	54-74	4/29/2008	16:47	40	200	0.2	-23.3	10.94	0.778	10.25	18.11	0.22
RW-6	10-20	5/2/2008	10:20	62	300	4.00	-98.9	6.62	0.755	9.11	12.65	0.22
RW-6A	54-74	5/2/2008	10:40	80	300	3.11	-30.4	6.31	0.559	9.80	14.10	0.23
RW-7	99-119	5/5/2008	9:33	30	300	7.14	155.3	6.71	0.116	10.17	3.02	5.87

Field Parameters at Sampling Time - Peters Mine Air Shaft - April 2008.

Well ID	Sample Depth (fbgs)	Sample Date	Sample Time	Minutes elapsed	Rate (mlpm)	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (ºC)	Diss. Oxygen (mg/L)
PMAir Shaft	180	5/7/2008	12:15	72	800	1.3	98.8	5.76	0.051	13.27	6.78
PMAir Shaft	222	5/7/2008	10:25	54	800	0	-43.6	5.96	1.074	12.94	1.22

*** Data not recorded

Table 3. Summary of Water Level Measurements, April 2008 Ringwood Mines / Landfill Site, Ringwood, New Jersey

WELL ID	Date Measured	Measuring Point Elevation (Ft. amsl)	Depth to Water (Ft. below TOC)	Groundwater Elevation (Ft. amsl)
OB-1	4/15/2008	544.40	6.13	538.27
OB-2	4/15/2008	562.30	18.78	543.52
OB-3	4/15/2008	500.01	4.81	495.20
OB-4	4/15/2008	510.80	16.92	493.88
OB-5	4/15/2008	458.80	2.35	456.45
OB-6	4/15/2008	607.30	6.66	600.64
OB-7	4/15/2008	503.90	3.83	500.07
OB-8	4/15/2008	destroyed	--	--
OB-10	4/15/2008	352.00	7.71	344.29
OB-11	4/15/2008	destroyed	--	--
OB-12	4/15/2008	558.40	9.86	548.54
OB-13	4/15/2008	500.40	13.76	486.64
OB-14A	4/15/2008	501.40	9.56	491.84
OB-14B	4/15/2008	504.10	12.08	492.02
OB-15B	4/15/2008	516.00	6.19	509.81
OB-16	4/15/2008	492.30	5.82	486.48
OB-17	4/15/2008	490.30	5.45	484.85
OB-18	4/15/2008	496.30	3.49	492.81
OB-19	4/15/2008	532.39	11.65	520.74
OB-20A	4/15/2008	533.65	14.63	519.02
OB-20B	4/15/2008	533.95	14.16	519.79
OB-21	4/15/2008	539.46	7.23	532.23
OB-22	4/15/2008	518.36	13.71	504.65
OB-23	4/15/2008	515.65	17.67	497.98
OB-24	4/15/2008	500.89	4.8	496.09
OB-25	4/15/2008	527.31	11.43	515.88
OB-26	4/15/2008	544.74	9.31	535.43
RW-1	4/15/2008	550.40	10.1	540.30
RW-2	4/15/2008	513.20	9.13	504.07
RW-3	4/15/2008	529.30	13.08	516.22
RW-4	4/15/2008	541.10	28.37	512.73
RW-5	4/15/2008	533.19	11.96	521.23
RW-5A	4/15/2008	533.26	11.7	521.56
RW-6	4/15/2008	533.72	12.53	521.19
RW-6A	4/15/2008	534.32	13.06	521.26
RW-7	4/15/2008	539.02	3.33	535.69
RW-8	4/15/2008	570.10	52.89	517.21
RW-9	4/15/2008	561.87	31.46	530.41
RW-10	4/15/2008	540.98	28.35	512.63
SC-1	4/15/2008	532.42	14.51	517.91
SC-2	4/15/2008	564.13	56.25	507.88
PMP-SG	4/15/2008	523.94	2.36	521.58

Notes:

ft.	feet
amsl	avarage mean sea level
*	assumed gw elevation
--	not applicable

Table 4. Bedrock Wells Sampling Intervals, April 2008 Groundwater Sampling Event, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Well No.	Depth (feet)	Open Hole Interval (feet)	Sampling Depth (feet)
RW-1	150	4 to 150	11-31 59 - 79 98 - 118 126 - 146
RW-2	503	14 to 503	20-50 103 - 133 162 - 192 279 – 309 442 - 472
RW-3	100	58 to 100	62-98
RW-4	543	60 to 543	57-77 108 - 128 328-348 388-408
RW-5	120	38-120	99-119
RW-5A	75	54-75	54-74
RW-6	120	47-120	10-20
RW-6A	78	58-78	54-74
RW-7	120	32-120	99-119

Table 5. Summary of Ground Water Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Sample Location		FBP	OB-01	OB-02	OB-03	OB-04	OB-05	OB-06	OB-07	OB-10	OB-12	OB-13	OB-14A
Sample ID	GWQS[1]	FBP(080430)	OB-1(080430)	OB-2(080428)	OB-3(080428)	OB-4(080428)	OB-5(080428)	OB-6(080501)	OB-7(080430)	OB-10(080429)	OB-12(080428)	OB-13(080428)	OB-14A(080430)
Sample Date		4/30/2008	4/30/2008	4/28/2008	4/28/2008	4/28/2008	4/28/2008	5/1/2008	4/30/2008	4/29/2008	4/28/2008	4/28/2008	4/30/2008
Validation Status		Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
VOCs													
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*
1,2-Dibromoethane	0.03 [0.5]	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
cis-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85 J	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88 J	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8 J	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Methyl acetate	7000	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Methyl tert butyl ether	70	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	3.2	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	0.41 J
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11 J	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25 J	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25 J	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Xylenes	1,000	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	0	0	0	0	0	0	0	0	0	0	0	0

Table 5. Summary of Ground Water Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Sample Location		FBP	OB-01	OB-02	OB-03	OB-04	OB-05	OB-06	OB-07	OB-10	OB-12	OB-13	OB-14A
Sample ID	**GWQS[1]**	**FBP(080430)**	**OB-1(080430)**	**OB-2(080428)**	**OB-3(080428)**	**OB-4(080428)**	**OB-5(080428)**	**OB-6(080501)**	**OB-7(080430)**	**OB-10(080429)**	**OB-12(080428)**	**OB-13(080428)**	**OB-14A(080430)**
Sample Date		**4/30/2008**	**4/30/2008**	**4/28/2008**	**4/28/2008**	**4/28/2008**	**4/28/2008**	**5/1/2008**	**4/30/2008**	**4/29/2008**	**4/28/2008**	**4/28/2008**	**4/30/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs													
1,1'-Biphenyl	400	< 0.22	< 0.24	< 0.22	< 0.24	< 0.22	< 0.25	< 0.24 J	< 0.23	< 0.22	< 0.23	< 0.25	< 0.23
2,4,5-Trichlorophenol	700	< 1.1	< 1.2	< 1.1	< 1.2	< 1.1	< 1.3	< 1.2 J	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1
2,4,6-Trichlorophenol	20	< 1	< 1.1	< 1	< 1.1	< 1	< 1.2	< 1.1 J	< 1.1	< 1	< 1.1	< 1.1	< 1
2,4-Dichlorophenol	20	< 1.4	< 1.5	< 1.4	< 1.5	< 1.4	< 1.6	< 1.5 J	< 1.5	< 1.4	< 1.5	< 1.6	< 1.4
2,4-Dimethylphenol	100	< 1.7	< 1.8	< 1.7	< 1.8	< 1.7	< 1.9	< 1.8 J	< 1.7	< 1.7	< 1.7	< 1.8	< 1.7
2,4-Dinitrophenol	40	< 1.1	< 1.2	< 1.1	< 1.2	< 1.1	< 1.3	< 1.2 J	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1
2,4-Dinitrotoluene	NS	< 0.54	< 0.59	< 0.54	< 0.59	< 0.54	< 0.63	< 0.59 J	< 0.57	< 0.54	< 0.57	< 0.6	< 0.56
2,6-Dinitrotoluene	NS	< 0.5	< 0.54	< 0.5	< 0.54	< 0.5	< 0.58	< 0.54 J	< 0.52	< 0.5	< 0.52	< 0.56	< 0.51
2-Chloronaphthalene	600	< 0.2	< 0.22	< 0.2	< 0.22	< 0.2	< 0.23	< 0.22 J	< 0.21	< 0.2	< 0.21	< 0.22	< 0.2
2-Chlorophenol	40	< 0.87	< 0.95	< 0.87	< 0.95	< 0.87	< 1	< 0.95 J	< 0.91	< 0.87	< 0.91	< 0.97	< 0.89
2-Methylnaphthalene	NS	< 0.76	< 0.83	< 0.76	< 0.83	< 0.76	< 0.88	< 0.83 J	< 0.8	< 0.76	< 0.8	< 0.85	< 0.78
2-Methylphenol	NS	< 1	< 1.1	< 1	< 1.1	< 1	< 1.2	< 1.1 J	< 1.1	< 1	< 1.1	< 1.2	< 1.1
2-Nitroaniline	NS	< 0.5	< 0.54	< 0.5	< 0.54	< 0.5	< 0.57	< 0.54 J	< 0.52	< 0.5	< 0.52	< 0.55	< 0.51
2-Nitrophenol	NS	< 1.5	< 1.6	< 1.5	< 1.6	< 1.5	< 1.7	< 1.6 J	< 1.6	< 1.5	< 1.6	< 1.7	< 1.5
3&4-Methylphenol	NS	< 1.1	< 1.2	< 1.1	< 1.2	< 1.1	< 1.3	< 1.2 J	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1
3,3'-Dichlorobenzidine	30	< 0.97	< 1.1	< 0.97	< 1.1	< 0.97	< 1.1	< 1.1 J	< 1	< 0.97	< 1	< 1.1	< 0.99
3-Nitroaniline	NS	< 0.32	< 0.35	< 0.32	< 0.35	< 0.32	< 0.37	< 0.35 J	< 0.34	< 0.32	< 0.34	< 0.36	< 0.33
4,6-Dinitro-2-methylphenol	NS	< 2.2	< 2.4	< 2.2	< 2.4	< 2.2	< 2.6	< 2.4 J	< 2.3	< 2.2	< 2.3	< 2.5	< 2.3
4-Bromophenyl phenyl ether	NS	< 0.37	< 0.41	< 0.37	< 0.41	< 0.37	< 0.43	< 0.41 J	< 0.39	< 0.37	< 0.39	< 0.41	< 0.38
4-Chloro-3-Methylphenol	NS	< 1.2	< 1.3	< 1.2	< 1.3	< 1.2	< 1.4	< 1.3 J	< 1.3	< 1.2	< 1.3	< 1.3	< 1.2
4-Chloroaniline	30	< 0.35	< 0.38	< 0.35	< 0.38	< 0.35	< 0.4	< 0.38 J	< 0.36	< 0.35	< 0.36	< 0.39	< 0.36
4-Chlorophenyl phenyl ether	NS	< 0.29	< 0.32	< 0.29	< 0.32	< 0.29	< 0.33	< 0.32 J	< 0.3	< 0.29	< 0.3	< 0.32	< 0.3
4-Nitroaniline	NS	< 0.59	< 0.64	< 0.59	< 0.64	< 0.59	< 0.68	< 0.64 J	< 0.61	< 0.59	< 0.61	< 0.66	< 0.6
4-Nitrophenol	NS	< 1.6	< 1.7	< 1.6	< 1.7	< 1.6	< 1.8	< 1.7 J	< 1.6	< 1.6	< 1.6	< 1.8	< 1.6
Acetophenone	700	< 0.36	< 0.39	< 0.36	< 0.39	< 0.36	< 0.41	< 0.39 J	< 0.38	< 0.36	< 0.38	< 0.4	< 0.37
Atrazine	3	< 0.28	< 0.31	< 0.28	< 0.31	< 0.28	< 0.33	< 0.31 J	< 0.29	< 0.28	< 0.29	< 0.31	< 0.29
Benzaldehyde	NS	< 0.76	< 0.83	< 0.76	< 0.83	< 0.76	< 0.87	< 0.83 J	< 0.79	< 0.76	< 0.79	< 0.85	< 0.78
Benzyl butyl phthalate	100	< 0.64	< 0.69	< 0.64	< 0.69	< 0.64	< 0.73	< 0.69 J	< 0.66	< 0.64	< 0.66	< 0.71	< 0.65
bis(2-Chloroethoxy)methane	NS	< 0.32	< 0.35	< 0.32	< 0.35	< 0.32	< 0.37	< 0.35 J	< 0.33	< 0.32	< 0.33	< 0.35	< 0.32
bis(2-Chloroethyl)ether	7	< 0.67	< 0.73	< 0.67	< 0.73	< 0.67	< 0.77	< 0.73 J	< 0.7	< 0.67	< 0.7	< 0.75	< 0.69
bis(2-Chloroisopropyl)ether	300	< 0.58	< 0.63	< 0.58	< 0.63	< 0.58	< 0.66	< 0.63 J	< 0.6	< 0.58	< 0.6	< 0.64	< 0.59
bis(2-Ethylhexyl)phthalate	3	**26.4**	< 0.95	< 0.88	< 0.95	< 0.88	< 1	< 0.95 J	< 0.91	< 0.88	< 0.91	< 0.98	< 0.9
Caprolactam	NS	< 0.49	< 0.53	< 0.49	< 0.53	< 0.49	< 0.57	< 0.53 J	< 0.51	< 0.49	< 0.51	< 0.55	< 0.5
Carbazole	NS	< 0.4	< 0.43	< 0.4	< 0.43	< 0.4	< 0.46	< 0.43 J	< 0.41	< 0.4	< 0.41	< 0.44	0.54 J
Dibenzofuran	NS	< 0.23	< 0.25	< 0.23	< 0.25	< 0.23	< 0.26	< 0.25 J	< 0.24	< 0.23	< 0.24	< 0.25	< 0.23
Diethyl phthalate	6000	< 0.34	< 0.37	< 0.34	< 0.37	< 0.34	< 0.4	< 0.37 J	< 0.36	< 0.34	< 0.36	< 0.38	< 0.35
Dimethyl phthalate	NS	< 0.34	< 0.37	< 0.34	< 0.37	< 0.34	< 0.39	< 0.37 J	< 0.35	< 0.34	< 0.35	< 0.37	< 0.34
di-n-butyl phthalate	700	< 0.4	< 0.43	< 0.4	< 0.43	< 0.4	< 0.46	< 0.43 J	< 0.42	< 0.4	< 0.42	< 0.44	< 0.41
di-n-octylphthalate	100	< 0.48	< 0.52	< 0.48	< 0.52	< 0.48	< 0.55	< 0.52 J	< 0.5	< 0.48	< 0.5	< 0.53	< 0.49
Hexachlorobutadiene	1	< 0.13	< 0.14	< 0.13	< 0.14	< 0.13	< 0.15	< 0.14 J	< 0.13	< 0.13	< 0.13	< 0.14	< 0.13
Hexachlorocyclopentadiene	40	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.12	< 0.11 J	< 0.11	< 0.1	< 0.11	< 0.11	< 0.11
Hexachloroethane	7	< 0.16	< 0.18	< 0.16	< 0.18	< 0.16	< 0.19	< 0.18 J	< 0.17	< 0.16	< 0.17	< 0.18	< 0.16
Isophrone	40	< 0.49	< 0.53	< 0.49	< 0.53	< 0.49	< 0.56	< 0.53 J	< 0.51	< 0.49	< 0.51	< 0.54	< 0.5
Naphthalene	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	6	< 0.71	< 0.77	< 0.71	< 0.77	< 0.71	< 0.81	< 0.77 J	< 0.73	< 0.71	< 0.73	< 0.78	< 0.72
N-Nitroso-di-n-Propylamine	10	< 0.38	< 0.42	< 0.38	< 0.42	< 0.38	< 0.44	< 0.42 J	< 0.4	< 0.38	< 0.4	< 0.42	< 0.39
N-Nitrosodiphenylamine	10	< 0.41	< 0.45	< 0.41	< 0.45	< 0.41	< 0.48	< 0.45 J	< 0.43	< 0.41	< 0.43	< 0.46	0.42 J
Phenol	2000	< 0.68	< 0.74	< 0.68	< 0.74	< 0.68	< 0.79	< 0.74 J	< 0.71	< 0.68	< 0.71	< 0.76	< 0.7
Total TIC, Semi-Volatile	NS	0	0	0	0	0	31 J	0	5.1 J	15 J	0	7.7 J	95.2 J

Table 5. Summary of Ground Water Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Sample Location		FBP	OB-01	OB-02	OB-03	OB-04	OB-05	OB-06	OB-07	OB-10	OB-12	OB-13	OB-14A
Sample ID	**GWQS[1]**	**FBP(080430)**	**OB-1(080430)**	**OB-2(080428)**	**OB-3(080428)**	**OB-4(080428)**	**OB-5(080428)**	**OB-6(080501)**	**OB-7(080430)**	**OB-10(080429)**	**OB-12(080428)**	**OB-13(080428)**	**OB-14A(080430)**
Sample Date		**4/30/2008**	**4/30/2008**	**4/28/2008**	**4/28/2008**	**4/28/2008**	**4/28/2008**	**5/1/2008**	**4/30/2008**	**4/29/2008**	**4/28/2008**	**4/28/2008**	**4/30/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs BY SIM													
Acenaphthene	400	< 0.016	< 0.017	< 0.016	< 0.017	< 0.016	< 0.018	< 0.018	< 0.017	< 0.016	< 0.017	< 0.018	< 0.016
Acenaphthylene	NS	< 0.007	< 0.0076	< 0.007	< 0.0076	< 0.007	< 0.008	< 0.0078	< 0.0073	< 0.007	< 0.0073	< 0.0078	< 0.0071
Anthracene	2000	< 0.021	< 0.023	< 0.021	< 0.023	< 0.021	< 0.024	< 0.023	< 0.022	< 0.021	< 0.022	< 0.023	< 0.021
Benzo(a)anthracene	0.1 [0.2]	< 0.034	< 0.037	< 0.034	< 0.037	< 0.034	< 0.039	< 0.037	< 0.035	< 0.034	< 0.035	< 0.037	< 0.034
Benzo(a)pyrene	0.1 [0.2]	< 0.036	< 0.039	< 0.036	< 0.039	< 0.036	< 0.041	< 0.039	< 0.037	< 0.036	< 0.037	< 0.039	< 0.036
Benzo(b)fluoranthene	0.2 [10]	< 0.017	< 0.018	< 0.017	< 0.018	< 0.017	< 0.02	< 0.019	< 0.018	< 0.017	< 0.018	< 0.019	< 0.017
Benzo(g,h,i)perylene	NS	< 0.012	< 0.013	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012
Benzo(k)fluoranthene	0.5	< 0.019	< 0.02	< 0.019	< 0.02	< 0.019	< 0.022	< 0.021	< 0.02	< 0.019	< 0.02	< 0.021	< 0.019
Chrysene	5	< 0.018	< 0.019	< 0.018	< 0.019	< 0.018	< 0.02	< 0.02	< 0.018	< 0.018	< 0.018	< 0.02	< 0.018
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.02	< 0.022	< 0.02	< 0.022	< 0.02	< 0.023	< 0.022	< 0.021	< 0.02	< 0.021	< 0.022	< 0.021
Fluoranthene	300	< 0.0096	< 0.01	< 0.0096	< 0.01	< 0.0096	< 0.011	< 0.011	< 0.01	< 0.0096	< 0.01	< 0.011	< 0.0098
Fluorene	300	< 0.02	< 0.021	< 0.02	< 0.021	< 0.02	< 0.023	< 0.022	< 0.02	< 0.02	< 0.02	< 0.022	< 0.02
Hexachlorobenzene	0.02 [10]	< 0.0099 J	< 0.011 J	< 0.0099	< 0.011	< 0.0099	< 0.011	< 0.011	< 0.01 J	< 0.0099	< 0.01	< 0.011	< 0.01 J
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.014	< 0.016	< 0.014	< 0.016	< 0.014	< 0.017	< 0.016	< 0.015	< 0.014	< 0.015	< 0.016	< 0.015
Naphthalene	300	< 0.014	< 0.015	< 0.014	< 0.015	< 0.014	< 0.016	< 0.015	< 0.014	< 0.014	< 0.014	< 0.015	< 0.014
Pentachlorophenol	0.3 [1]	< 0.22 J	< 0.24 J	< 0.22	< 0.24	< 0.22	< 0.26	< 0.24 J	< 0.23 J	< 0.22	< 0.23	< 0.25	< 0.23 J
Phenanthrene	NS	< 0.017	< 0.018	< 0.017	< 0.018	< 0.017	< 0.02	< 0.019	< 0.018	< 0.017	< 0.018	< 0.019	< 0.017
Pyrene	200	< 0.012	< 0.013	< 0.012	< 0.013	< 0.012	< 0.014	< 0.013	< 0.013	< 0.012	< 0.013	< 0.013	< 0.012
PCBs													
PCB 1016	0.5	< 0.1	< 0.1	< 0.094	< 0.099	< 0.094	< 0.1	< 0.11	< 0.099	< 0.1	< 0.094	< 0.1	< 0.1
PCB 1221	0.5	< 0.5	< 0.5	< 0.47	< 0.49	< 0.47	< 0.5	< 0.53	< 0.49	< 0.51	< 0.47	< 0.52	< 0.51
PCB 1232	0.5	< 0.42	< 0.41	< 0.39	< 0.41	< 0.39	< 0.41	< 0.44	< 0.41	< 0.43	< 0.39	< 0.43	< 0.42
PCB 1242	0.5	< 0.18	< 0.17	< 0.16	< 0.17	< 0.16	< 0.17	< 0.19	< 0.17	< 0.18	< 0.16	< 0.18	< 0.18
PCB 1248	0.5	< 0.16	< 0.16	< 0.15	< 0.16	< 0.15	< 0.16	< 0.17	< 0.16	< 0.17	< 0.15	< 0.17	< 0.17
PCB 1254	0.5	< 0.12	< 0.12	< 0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.11	< 0.12	< 0.11	< 0.12	< 0.12
PCB 1260	0.5	< 0.13	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.13	< 0.12	< 0.13	< 0.12	< 0.13	< 0.13
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0	0	0
Metals - Total													
Aluminum	200	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	24.3 B	< 24
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8 B	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	**14.4**
Barium	2000	2.6 B	4.3 B	4.5 B	2.2 B	47.9 B	25.7 B	15.1 B	15.7 B	7.9 B	2.6 B	3.5 B	488
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Calcium	NS	502 BJ	4060 BJ	10000	7290	48400	84200	28700	72000 J	13400	6860	5420	134000 J
Chromium	70	< 0.53	< 0.53	0.8 B	< 0.53	< 0.53	< 0.53	< 0.53	1.1 B	< 0.53	0.7 B	< 0.53	1.1 B
Cobalt	NS	< 0.51	< 0.51	< 0.51	< 0.51	1.7 B	2.7 B	3 B	2.5 B	< 0.51	< 0.51	< 0.51	1.7 B
Copper	1,300	< 2.5	< 2.5	< 2.5 B	< 2.5 B	< 2.5 B	< 2.5 B	3.7 B	< 2.5	4.1 B	< 2.5 B	< 2.5	< 2.5
Iron	300	195	**649**	38.6 B	**1710**	**3770**	**29300**	**2210**	**4840**	298	67.4 B	40.4 B	**52500**
Lead	5	2 B	< 1.4	1.8 B	< 1.4	1.6 B	1.5 B	< 1.4	2.9 B	< 1.4	< 1.4	< 1.4	4
Magnesium	NS	83.2 BJ	1380 BJ	3740 B	2330 B	14300	43300	7080	28200 J	3930 B	2510 B	2270 B	14000 J
Manganese	50	2.2 BJ	2.6 BJ	1.3 B	10.2 B	**1840**	**2100**	**2160**	**2230 J**	25.1	1.9 B	0.8 B	**1870 J**
Mercury	2	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Nickel	100	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	1.2 B	< 1.2	2.6 B	< 1.2	< 1.2	< 1.2	< 1.2
Potassium	NS	86.5 B	379 B	1140 B	668 B	2170 B	3670 B	1680 B	2940 B	1160 B	481 B	711 B	8020 B
Selenium	40	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	648 B	1610 B	3310 B	2500 B	**54300**	29500	29600	10700	3110 B	2060 B	2410 B	21500
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	0.6 B	0.5 B	< 0.43	< 0.43	0.6 B	0.5 B	< 0.43	0.5 B	0.7 B	0.7 B	< 0.43	2.5 B
Zinc	2000	135	< 4	5.6 B	< 4	4 B	9 B	< 4 B	< 4	< 4	5 B	< 4	< 4

Table 5. Summary of Ground Water Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Sample Location		**FBP**	**OB-01**	**OB-02**	**OB-03**	**OB-04**	**OB-05**	**OB-06**	**OB-07**	**OB-10**	**OB-12**	**OB-13**	**OB-14A**
Sample ID	**GWQS[1]**	**FBP(080430)**	**OB-1(080430)**	**OB-2(080428)**	**OB-3(080428)**	**OB-4(080428)**	**OB-5(080428)**	**OB-6(080501)**	**OB-7(080430)**	**OB-10(080429)**	**OB-12(080428)**	**OB-13(080428)**	**OB-14A(080430)**
Sample Date		**4/30/2008**	**4/30/2008**	**4/28/2008**	**4/28/2008**	**4/28/2008**	**4/28/2008**	**5/1/2008**	**4/30/2008**	**4/29/2008**	**4/28/2008**	**4/28/2008**	**4/30/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
Metals - Dissolved													
Aluminum	200	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	2 B	< 1.7	< 1.7	< 1.7	**3.8**
Barium	2000	3.8 B	5 B	4.1 B	2.3 B	45.5 B	18.7 B	14.7 B	14 B	6.5 B	2.7 B	3.1 B	362
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cadmium	4	0.3 B	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Calcium	NS	793 BJ	3720 BJ	9400	7270	48700	85000	29100	70000 J	13600	7190	5540	132000 J
Chromium	70	< 0.53	0.6 B	< 0.53	< 0.53	< 0.53	0.6 B	< 0.53	0.6 B	0.6 B	0.6 B	< 0.53	1.8 B
Cobalt	NS	< 0.51	< 0.51	< 0.51	< 0.51	1.4 B	2 B	3.1 B	1.8 B	< 0.51	< 0.51	< 0.51	0.9 B
Copper	1,300	6.4 B	< 2.5	< 2.5 B	< 2.5 B	< 2.5 B	< 2.5 B	< 2.5	< 2.5	8.1 B	< 2.5 B	< 2.5 B	< 2.5
Iron	300	12.1 B	12.5 B	8.8 B	91.1 B	11 B	**16300**	273	181	13.4 B	12 B	16.7 B	**18800**
Lead	5	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	1.4 B	1.9 B	1.9 B	< 1.4	< 1.4	< 1.4	2.7 B
Magnesium	NS	127 BJ	1250 BJ	3580 B	2290 B	14500	44200	7190	27600 J	4020 B	2630 B	2320 B	13900 J
Manganese	50	3.7 BJ	1.9 BJ	0.5 B	9.4 B	**1840**	**2110**	**2170**	**2120 J**	3 B	1.3 B	0.7 B	**1810 J**
Mercury	2	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Nickel	100	3.5 B	1.6 B	< 1.2	< 1.2	1.6 B	1.3 B	< 1.2	1.7 B	< 1.2	< 1.2	< 1.2	1.5 B
Potassium	NS	53.3 B	374 B	1080 B	650 B	2160 B	3710 B	1730 B	2870 B	1210 B	524 B	702 B	7990 B
Selenium	40	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	942 B	1450 B	3100 B	2440 B	**55000**	29900	30100	10400	3170 B	2140 B	2450 B	21400
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	< 0.43	0.6 B	< 0.43	< 0.43	< 0.43	0.7 B	< 0.43	0.5 B	< 0.43	< 0.43	0.5 B	0.8 B
Zinc	2000	39.4	< 4	< 4	4.5 B	< 4	< 4	< 4	6.8 B	5.9 B	5.2 B	< 4	< 4
Other (mg/l)													
Alkalinity, Bicarbonate	NS	< 5	8.9	26.6	17.2	94.3	366	97.1	323	42.2	15	15	456
Alkalinity, Carbonate	NS	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Alkalinity, total (as CaCO3)	NS	< 5	8.9	26.6	17.2	94.4	366	97.1	324	42.2	15	15	456
Cyanide	0.1	< 0.01 J	< 0.01 J	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 J	< 0.01	< 0.01	< 0.01	< 0.01 J
Nitrogen, Nitrate + Nitrite	NS	< 0.1	< 0.1	0.73	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.22	< 0.1	< 0.1	< 0.1
Phosphorus, Total	NS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.26
Chloride	250	< 2	< 2	2.1	< 2	139	62.3	46.3	7.3	3	< 2	2.2	20.2
Nitrate	10	< 0.11	< 0.11	0.73	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.22	< 0.11	< 0.11	< 0.15
Nitrogen, Nitrite	1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05
Sulfate	250	< 10	< 10	14.3	11.2	28.3	< 10	11.9	< 10	< 10	14	< 10	< 10

Footnotes on page 29.

Table 5. Summary of Ground Water Analytical Result

Sample Location		OB-14B	OB-15B	OB-16	OB-17	OB-18	OB-19	OB-20A	OB-20B	OB-21	OB-22	OB-23
Sample ID	**GWQS[1]**	**OB-14B(080430)**	**OB-15B(080502)**	**OB-16(080501)**	**OB-17(080501)**	**OB-18(080501)**	**OB-19(080429)**	**OB-20A(080429)**	**OB-20B(080429)**	**OB-21(080429)**	**OB-22(080501)**	**OB-23(080502)**
Sample Date		**4/30/2008**	**5/2/2008**	**5/1/2008**	**5/1/2008**	**5/1/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**5/1/2008**	**5/2/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
VOCs												
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.16	< 0.16	< 0.16	0.57 J	< 0.16	< 0.16	0.63 J	0.4 J	< 0.16	< 0.16	< 0.16
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*
1,2-Dibromoethane	0.03 [0.5]	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	0.56 J	< 0.26	**1.4**	< 0.26	< 0.26	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	1.5	< 0.22	2.1	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
cis-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	0.59 J	< 0.15	1.4 J	< 0.15	< 0.15	< 0.15
Methyl acetate	7000	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Methyl tert butyl ether	70	0.49 J	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.25 J	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	0.81 J	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	3.2	< 0.39	< 0.39	< 0.39
Xylenes	1,000	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	0.81 J	< 0.39	3.2	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	0	0	0	0	0	0	0	0	0	0	0

Table 5. Summary of Ground Water Analytical Result

Sample Location		OB-14B	OB-15B	OB-16	OB-17	OB-18	OB-19	OB-20A	OB-20B	OB-21	OB-22	OB-23
Sample ID	**GWQS[1]**	**OB-14B(080430)**	**OB-15B(080502)**	**OB-16(080501)**	**OB-17(080501)**	**OB-18(080501)**	**OB-19(080429)**	**OB-20A(080429)**	**OB-20B(080429)**	**OB-21(080429)**	**OB-22(080501)**	**OB-23(080502)**
Sample Date		**4/30/2008**	**5/2/2008**	**5/1/2008**	**5/1/2008**	**5/1/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**5/1/2008**	**5/2/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs												
1,1'-Biphenyl	400	< 0.23	< 0.25 J	< 0.23 J	< 0.24 J	< 0.24 J	< 0.24	< 0.24	< 0.22	< 0.28	< 0.25 J	< 0.24 J
2,4,5-Trichlorophenol	700	< 1.2	< 1.2 J	< 1.2 J	< 1.2 J	< 1.2 J	< 1.2	< 1.2	< 1.1	< 1.4	< 1.2 J	< 1.2 J
2,4,6-Trichlorophenol	20	< 1.1	< 1.1 J	< 1.1 J	< 1.1 J	< 1.1 J	< 1.1	< 1.1	< 1	< 1.3	< 1.1 J	< 1.1 J
2,4-Dichlorophenol	20	< 1.5	< 1.6 J	< 1.5 J	< 1.5 J	< 1.5 J	< 1.5	< 1.5	< 1.4	< 1.8	< 1.6 J	< 1.5 J
2,4-Dimethylphenol	100	< 1.7	< 1.8 J	< 1.7 J	< 1.8 J	< 1.8 J	< 1.8	< 1.8	< 1.7	< 2.1	< 1.9 J	< 1.8 J
2,4-Dinitrophenol	40	< 1.2	< 1.2 J	< 1.2 J	< 1.2 J	< 1.2 J	< 1.2	< 1.2	< 1.1	< 1.4	< 1.2 J	< 1.2 J
2,4-Dinitrotoluene	NS	< 0.57	< 0.6 J	< 0.57 J	< 0.58 J	< 0.58 J	< 0.59	< 0.58	< 0.54	< 0.68	< 0.61 J	< 0.59 J
2,6-Dinitrotoluene	NS	< 0.53	< 0.56 J	< 0.53 J	< 0.54 J	< 0.54 J	< 0.54	< 0.54	< 0.5	< 0.63	< 0.56 J	< 0.54 J
2-Chloronaphthalene	600	< 0.21	< 0.22 J	< 0.21 J	< 0.21 J	< 0.21 J	< 0.22	< 0.21	< 0.2	< 0.25	< 0.22 J	< 0.22 J
2-Chlorophenol	40	< 0.92	< 0.97 J	< 0.92 J	< 0.94 J	< 0.94 J	< 0.95	< 0.94	< 0.87	< 1.1	< 0.98 J	< 0.95 J
2-Methylnaphthalene	NS	< 0.8	< 0.85 J	< 0.8 J	< 0.82 J	< 0.82 J	< 0.83	< 0.82	< 0.76	< 0.96	< 0.86 J	< 0.83 J
2-Methylphenol	NS	< 1.1	< 1.2 J	< 1.1 J	< 1.1 J	< 1.1 J	< 1.1	< 1.1	< 1	< 1.3	< 1.2 J	< 1.1 J
2-Nitroaniline	NS	< 0.52	< 0.55 J	< 0.52 J	< 0.53 J	< 0.53 J	< 0.54	< 0.53	< 0.5	< 0.62	< 0.56 J	< 0.54 J
2-Nitrophenol	NS	< 1.6	< 1.7 J	< 1.6 J	< 1.6 J	< 1.6 J	< 1.6	< 1.6	< 1.5	< 1.9	< 1.7 J	< 1.6 J
3&4-Methylphenol	NS	< 1.2	< 1.2 J	< 1.2 J	< 1.2 J	< 1.2 J	< 1.2	< 1.2	< 1.1	< 1.4	< 1.2 J	< 1.2 J
3,3'-Dichlorobenzidine	30	< 1	< 1.1 J	< 1 J	< 1 J	< 1 J	< 1.1	< 1	< 0.97	< 1.2	< 1.1 J	< 1.1 J
3-Nitroaniline	NS	< 0.34	< 0.36 J	< 0.34 J	< 0.35 J	< 0.35 J	< 0.35	< 0.35	< 0.32	< 0.41	< 0.36 J	< 0.35 J
4,6-Dinitro-2-methylphenol	NS	< 2.3	< 2.5 J	< 2.3 J	< 2.4 J	< 2.4 J	< 2.4	< 2.4	< 2.2	< 2.8	< 2.5 J	< 2.4 J
4-Bromophenyl phenyl ether	NS	< 0.39	< 0.41 J	< 0.39 J	< 0.4 J	< 0.4 J	< 0.41	< 0.4	< 0.37	< 0.47	< 0.42 J	< 0.41 J
4-Chloro-3-Methylphenol	NS	< 1.3	< 1.3 J	< 1.3 J	< 1.3 J	< 1.3 J	< 1.3	< 1.3	< 1.2	< 1.5	< 1.4 J	< 1.3 J
4-Chloroaniline	30	< 0.37	< 0.39 J	< 0.37 J	< 0.37 J	< 0.37 J	< 0.38	< 0.37	< 0.35	< 0.44	< 0.39 J	< 0.38 J
4-Chlorophenyl phenyl ether	NS	< 0.31	< 0.32 J	< 0.31 J	< 0.31 J	< 0.31 J	< 0.32	< 0.31	< 0.29	< 0.36	< 0.33 J	< 0.32 J
4-Nitroaniline	NS	< 0.62	< 0.66 J	< 0.62 J	< 0.63 J	< 0.63 J	< 0.64	< 0.63	< 0.59	< 0.74	< 0.66 J	< 0.64 J
4-Nitrophenol	NS	< 1.7	< 1.8 J	< 1.7 J	< 1.7 J	< 1.7 J	< 1.7	< 1.7	< 1.6	< 2	< 1.8 J	< 1.7 J
Acetophenone	700	< 0.38	< 0.4 J	< 0.38 J	< 0.39 J	< 0.39 J	< 0.39	< 0.39	< 0.36	< 0.45	< 0.41 J	< 0.39 J
Atrazine	3	< 0.3	< 0.31 J	< 0.3 J	< 0.3 J	< 0.3 J	< 0.31	< 0.3	< 0.28	< 0.35	< 0.32 J	< 0.31 J
Benzaldehyde	NS	< 0.8	< 0.85 J	< 0.8 J	< 0.82 J	< 0.82 J	< 0.83	< 0.82	< 0.76	< 0.95	< 0.86 J	< 0.83 J
Benzyl butyl phthalate	100	< 0.67	< 0.71 J	< 0.67 J	< 0.69 J	< 0.69 J	< 0.69	< 0.69	< 0.64	< 0.8	< 0.72 J	< 0.69 J
bis(2-Chloroethoxy)methane	NS	< 0.33	< 0.35 J	< 0.33 J	< 0.34 J	< 0.34 J	< 0.35	< 0.34	< 0.32	< 0.4	< 0.36 J	< 0.35 J
bis(2-Chloroethyl)ether	7	< 0.71	< 0.75 J	< 0.71 J	< 0.72 J	< 0.72 J	< 0.73	< 0.72	< 0.67	< 0.84	< 0.76 J	< 0.73 J
bis(2-Chloroisopropyl)ether	300	< 0.61	< 0.64 J	< 0.61 J	< 0.62 J	< 0.62 J	< 0.63	< 0.62	< 0.58	< 0.72	< 0.65 J	< 0.63 J
bis(2-Ethylhexyl)phthalate	3	< 0.92	< 2.3 BJ	< 0.92 J	< 0.94 BJ	< 0.94 BJ	< 0.95	< 0.94 J	< 0.88	< 1.1 J	< 0.99 J	< 0.95 J
Caprolactam	NS	< 0.52	< 0.55 J	< 0.52 J	< 0.53 J	< 0.53 J	< 0.53	< 0.53	< 0.49	< 0.62	< 0.55 J	< 0.53 J
Carbazole	NS	< 0.42	< 0.44 J	< 0.42 J	< 0.43 J	< 0.43 J	< 0.43	< 0.43	< 0.4	< 0.5	< 0.45 J	0.59 J
Dibenzofuran	NS	< 0.24	< 0.25 J	< 0.24 J	< 0.25 J	< 0.25 J	< 0.25	< 0.25	< 0.23	< 0.29	< 0.26 J	< 0.25 J
Diethyl phthalate	6000	< 0.36	< 0.38 J	< 0.36 J	< 0.37 J	< 0.37 J	< 0.37	< 0.37	< 0.34	< 0.43	< 0.39 J	< 0.37 J
Dimethyl phthalate	NS	< 0.35	< 0.37 J	< 0.35 J	< 0.36 J	< 0.36 J	< 0.37	< 0.36	< 0.34	< 0.42	< 0.38 J	< 0.37 J
di-n-butyl phthalate	700	< 0.42	< 0.44 J	< 0.42 J	< 0.43 J	< 0.43 J	< 0.43	< 0.43	< 0.4	< 0.5	< 0.45 J	< 0.43 J
di-n-octylphthalate	100	< 0.5	< 0.53 J	< 0.5 J	< 0.51 J	< 0.51 J	< 0.52	< 0.51	< 0.48	< 0.6	< 0.54 J	< 0.52 J
Hexachlorobutadiene	1	< 0.13	< 0.14 J	< 0.13 J	< 0.14 J	< 0.14 J	< 0.14	< 0.14	< 0.13	< 0.16	< 0.14 J	< 0.14 J
Hexachlorocyclopentadiene	40	< 0.11	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11 J	< 0.11	< 0.11	< 0.1	< 0.13	< 0.12 J	< 0.11 J
Hexachloroethane	7	< 0.17	< 0.18 J	< 0.17 J	< 0.17 J	< 0.17 J	< 0.18	< 0.17	< 0.16	< 0.2	< 0.18 J	< 0.18 J
Isophrone	40	< 0.51	< 0.54 J	< 0.51 J	< 0.53 J	< 0.53 J	< 0.53	< 0.53	< 0.49	< 0.61	< 0.55 J	< 0.53 J
Naphthalene	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	6	< 0.74	< 0.78 J	< 0.74 J	< 0.76 J	< 0.76 J	< 0.77	< 0.76	< 0.71	< 0.88	< 0.79 J	< 0.77 J
N-Nitroso-di-n-Propylamine	10	< 0.4	< 0.42 J	< 0.4 J	< 0.41 J	< 0.41 J	< 0.42	< 0.41	< 0.38	< 0.48	< 0.43 J	< 0.42 J
N-Nitrosodiphenylamine	10	< 0.44	< 0.46 J	< 0.44 J	< 0.45 J	< 0.45 J	< 0.45	< 0.45	0.6 J	< 0.52	< 0.47 J	< 0.45 J
Phenol	2000	< 0.72	< 0.76 J	< 0.72 J	< 0.73 J	< 0.73 J	< 0.74	< 0.73	< 0.68	< 0.85	< 0.77 J	< 0.74 J
Total TIC, Semi-Volatile	NS	0	0	0	17.7 J	0	0	13 J	11.3 J	0	0	99.9 J

Table 5. Summary of Ground Water Analytical Result

Sample Location		OB-14B	OB-15B	OB-16	OB-17	OB-18	OB-19	OB-20A	OB-20B	OB-21	OB-22	OB-23
Sample ID	**GWQS[1]**	**OB-14B(080430)**	**OB-15B(080502)**	**OB-16(080501)**	**OB-17(080501)**	**OB-18(080501)**	**OB-19(080429)**	**OB-20A(080429)**	**OB-20B(080429)**	**OB-21(080429)**	**OB-22(080501)**	**OB-23(080502)**
Sample Date		**4/30/2008**	**5/2/2008**	**5/1/2008**	**5/1/2008**	**5/1/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**5/1/2008**	**5/2/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs BY SIM												
Acenaphthene	400	< 0.017	< 0.018 J	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.016	< 0.02	< 0.018	0.414
Acenaphthylene	NS	< 0.0074	< 0.0078 J	< 0.0074	< 0.0075	< 0.0075	< 0.0076	< 0.0075	< 0.007	< 0.0088	< 0.0079	< 0.0076
Anthracene	2000	< 0.022	< 0.023 J	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.021	< 0.026	< 0.024	< 0.023
Benzo(a)anthracene	0.1 [0.2]	< 0.035	< 0.037 J	< 0.035	< 0.036	< 0.036	< 0.037	< 0.036	< 0.034	< 0.042	< 0.038	< 0.037
Benzo(a)pyrene	0.1 [0.2]	< 0.037	< 0.039 J	< 0.037	< 0.038	< 0.038	< 0.039	< 0.038	< 0.036	< 0.044	< 0.04	< 0.039
Benzo(b)fluoranthene	0.2 [10]	< 0.018	< 0.019 J	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.017	< 0.021	< 0.019	< 0.018
Benzo(g,h,i)perylene	NS	< 0.012	< 0.013 J	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013	< 0.012	< 0.015	< 0.013	< 0.013
Benzo(k)fluoranthene	0.5	< 0.02	< 0.021 J	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.019	< 0.024	< 0.021	< 0.02
Chrysene	5	< 0.019	< 0.02 J	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.018	< 0.022	< 0.02	< 0.019
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.021	< 0.022 J	< 0.021	< 0.022	< 0.022	< 0.022	< 0.022	< 0.02	< 0.025	< 0.023	< 0.022
Fluoranthene	300	< 0.01	< 0.011 J	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0096	< 0.012	< 0.011	< 0.01
Fluorene	300	< 0.021	< 0.022 J	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.02	< 0.025	< 0.022	0.347
Hexachlorobenzene	0.02 [10]	< 0.01 J	< 0.011 J	< 0.01	< 0.011	< 0.011	< 0.011	< 0.011	< 0.0099	< 0.012	< 0.011	< 0.011
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.015	< 0.016 J	< 0.015	< 0.015	< 0.015	< 0.016	< 0.015	< 0.014	< 0.018	< 0.016	< 0.016
Naphthalene	300	< 0.015	< 0.015 J	< 0.015	< 0.015	< 0.015	0.264	< 0.015	0.355	< 0.017	< 0.016	< 0.015
Pentachlorophenol	0.3 [1]	< 0.23 J	< 0.25 J	< 0.23	< 0.24	< 0.24	< 0.24	< 0.24	< 0.22	< 0.28	< 0.25	< 0.24
Phenanthrene	NS	< 0.018	< 0.019 J	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.017	< 0.021	< 0.019	< 0.018
Pyrene	200	< 0.013	< 0.013 J	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.012	< 0.015	< 0.014	< 0.013
PCBs												
PCB 1016	0.5	< 0.1	< 0.1	< 0.099	< 0.099	< 0.099	< 0.094	< 0.1	< 0.1	< 0.094	< 0.1	< 0.1
PCB 1221	0.5	< 0.51	< 0.5	< 0.5	< 0.49	< 0.49	< 0.47	< 0.52	< 0.52	< 0.47	< 0.52	< 0.5
PCB 1232	0.5	< 0.42	< 0.41	< 0.41	< 0.41	< 0.41	< 0.39	< 0.43	< 0.43	< 0.39	< 0.43	< 0.41
PCB 1242	0.5	< 0.18	< 0.17	< 0.17	< 0.17	< 0.17	< 0.16	< 0.18	< 0.18	< 0.16	< 0.18	< 0.17
PCB 1248	0.5	< 0.17	< 0.16	< 0.16	< 0.16	< 0.16	< 0.15	< 0.17	< 0.17	< 0.15	< 0.17	< 0.16
PCB 1254	0.5	< 0.12	< 0.12	< 0.12	< 0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12
PCB 1260	0.5	< 0.13	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	< 0.13	< 0.12
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0	0
Metals - Total												
Aluminum	200	80.9 B	**425**	< 24	< 24	< 24	48.1 B	**216**	101 B	**1820**	**1560**	< 24
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8 B
Arsenic	3 [8]	2.1 B	< 1.7	**4.6**	< 1.7	< 1.7	< 1.7	**3.7**	< 1.7	< 1.7	< 1.7	< 1.7
Barium	2000	46.3 B	19.9 B	81 B	9.6 B	6.5 B	64.2 B	91.9 B	52.4 B	13.6 B	17.3 B	499
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	0.4 B	< 0.15	< 0.15	< 0.15
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Calcium	NS	101000 J	24300	138000	65300	45100	9740	23500	41300	8840	36200	127000
Chromium	70	1.2 B	1.1 B	< 0.53	0.8 B	0.9 B	0.7 B	1.1 B	< 0.53	2.8 B	2.3 B	1.3 B
Cobalt	NS	< 0.51	< 0.51	1.8 B	1 B	< 0.51	0.7 B	3.4 B	19 B	1.2 B	0.6 B	2.9 B
Copper	1,300	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	8.1 B	5.6 B	6.1 B	28.6	< 2.5	4.3 B
Iron	300	**890**	**507**	**11100**	**1570**	18.1 B	**10100**	**28200**	**26400**	**2520**	**1600**	**7760**
Lead	5	3.2	2.6 B	3.7	2.3 B	< 1.4	1.4 B	2.1 B	3.8	2.1 B	2.3 B	2.5 B
Magnesium	NS	28500 J	6110	21500	22400	9630	1600 B	2600 B	8100	3380 B	7860	16600
Manganese	50	**1740 J**	**2370**	**2860**	**472**	0.8 B	**180**	**885**	**6800**	**113**	39.4	**1130**
Mercury	2	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Nickel	100	< 1.2	5.5 B	< 1.2	< 1.2	< 1.2	1.3 B	2.5 B	3.6 B	4.2 B	2.3 B	5.3 B
Potassium	NS	3250 B	863 B	8980 B	682 B	< 48 B	717 B	1700 B	2530 B	1200 B	1470 B	14300
Selenium	40	1.6 B	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	22400	4200 B	26800	12200	6090 B	2160 B	2390 B	4370 B	2700 B	14300	**368000**
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	0.8 B	1.8 B	< 0.43	< 0.43	< 0.43	1.5 B	1.9 B	1.9 B	3.5 B	2.4 B	< 0.43
Zinc	2000	< 4	< 4	< 4	< 4 B	< 4	22.7	17.4 B	10.2 B	12.1 B	< 4 B	63.7

Table 5. Summary of Ground Water Analytical Result

Sample Location		OB-14B	OB-15B	OB-16	OB-17	OB-18	OB-19	OB-20A	OB-20B	OB-21	OB-22	OB-23
Sample ID	**GWQS[1]**	**OB-14B(080430)**	**OB-15B(080502)**	**OB-16(080501)**	**OB-17(080501)**	**OB-18(080501)**	**OB-19(080429)**	**OB-20A(080429)**	**OB-20B(080429)**	**OB-21(080429)**	**OB-22(080501)**	**OB-23(080502)**
Sample Date		**4/30/2008**	**5/2/2008**	**5/1/2008**	**5/1/2008**	**5/1/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**5/1/2008**	**5/2/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
Metals - Dissolved												
Aluminum	200	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8 B
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Barium	2000	43.7 B	NA	64.2 B	8.9 B	6.5 B	60.6 B	75.7 B	39.8 B	3.8 B	8.7 B	414
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	0.3 B	< 0.15	< 0.15	< 0.15
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Calcium	NS	98900 J	22400	134000	65100	45200	9580	22300	39400	9280	36000	124000
Chromium	70	0.7 B	< 0.53	< 0.53	1 B	1.2 B	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	0.8 B
Cobalt	NS	< 0.51	< 0.51	1.7 B	1.1 B	< 0.51	0.9 B	3 B	17.9 B	< 0.51	< 0.51	2.9 B
Copper	1,300	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	4.2 B	4.5 B	3.1 B	< 2.5	3.5 B
Iron	300	38.2 B	8.4 B	**912**	200	< 7.4	**1790**	**9240**	**19600**	28.9 B	15 B	**401**
Lead	5	2.1 B	2.1 B	1.6 B	2.4 B	1.8 B	< 1.4	1.8 B	2.4 B	< 1.4	< 1.4	< 1.4
Magnesium	NS	27800 J	5620	20800	22200	9650	1610 B	2420 B	7760	3080 B	6870	16300
Manganese	50	**1690 J**	**51.3**	**2740**	**463**	0.5 B	**177**	**857**	**6480**	2.7 B	2.4 B	**1120**
Mercury	2	< 0.15	< 0.15	< 0.15	< 0.15	0.17 B	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Nickel	100	1.6 B	< 1.2	< 1.2	< 1.2	< 1.2	1.5 B	3.3 B	4.3 B	< 1.2	< 1.2	4.8 B
Potassium	NS	3190 B	719 B	8890 B	682 B	< 48 B	677 B	1550 B	2370 B	730 B	955 B	14000
Selenium	40	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	22000	3940 B	26500	12200	6150 B	2150 B	2240 B	4190 B	2750 B	14000	**343000**
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	< 0.43	0.6 B	< 0.43	< 0.43	< 0.43	< 0.43	0.5 B	0.8 B	0.5 B	< 0.43	< 0.43
Zinc	2000	< 4	NA	< 4	< 4	< 4	15.5 B	10.9 B	< 4	< 4	< 4	52.9
Other (mg/l)												
Alkalinity, Bicarbonate	NS	355	72.3	414	224	151	30.5	72.7	159	31.1	50.5	977
Alkalinity, Carbonate	NS	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Alkalinity, total (as CaCO3)	NS	355	72.7	414	224	151	30.5	72.7	159	31.1	50.5	979
Cyanide	0.1	< 0.01 J	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Nitrogen, Nitrate + Nitrite	NS	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phosphorus, Total	NS	< 0.05	0.09	0.13	< 0.05	< 0.05	0.052	0.12	0.25	< 0.05	< 0.05	0.098
Chloride	250	40.9	< 2	42.4	7.7	< 2	< 2	< 2	< 2	< 2	54	72.6
Nitrate	10	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Nitrogen, Nitrite	1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.013
Sulfate	250	18.3	15.4	21.2	32.4	13.9	< 10	< 10	< 10	< 10	21.9	35

Footnotes on page 29.

Table 5. Summary of Ground Water Analytical Result

Sample Location	GWQS[1]	OB-24	OB-24	OB-25	OB-26	Peter's Mine Shaft	Peter's Mine Shaft	RW-1	RW-1	RW-1	RW-1
Sample ID		OB-24(080430)	DUP-02(080430) (OB-24)	OB-25(080429)	OB-26(080509)	PMPAS-180(080507)	PMPAS-230(080507)	RW1(11-31)	RW-1(126-146)	RW1(59-79)	RW-1(98-118)
Sample Date		4/30/2008	4/30/2008	4/29/2008	5/9/2008	5/7/2008	5/7/2008	5/6/2008	5/7/2008	5/6/2008	5/7/2008
Validation Status		Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
VOCs											
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*
1,2-Dibromoethane	0.03 [0.5]	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	1.5	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	1.4	< 0.32	< 0.32	< 0.32	< 0.32
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	**31.8**	< 0.26	< 0.26	< 0.26	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	8.1	< 0.14	< 0.14	< 0.14	< 0.14
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	21.1	< 0.22	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
cis-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12 J	< 0.12 J	< 0.12	< 0.12 J	< 0.12	< 0.12 J
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.15	< 0.15	< 0.15	< 0.15	0.94 J	14	< 0.15	< 0.15	< 0.15	< 0.15
Methyl acetate	7000	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Methyl tert butyl ether	70	0.27 J	< 0.14	0.25 J	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.7 J	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	1.1	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	10.8	5.6	3.5	8.1
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	4.7	< 0.39	< 0.39	< 0.39	< 0.39
Xylenes	1,000	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	5.8	< 0.39	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	0	0	0	0	0	14 J	0	0	0	0

Table 5. Summary of Ground Water Analytical Result

Sample Location		OB-24	OB-24	OB-25	OB-26	Peter's Mine Shaft	Peter's Mine Shaft	RW-1	RW-1	RW-1	RW-1
Sample ID	**GWQS[1]**	**OB-24(080430)**	**DUP-02(080430) (OB-24)**	**OB-25(080429)**	**OB-26(080509)**	**PMPAS-180(080507)**	**PMPAS-230(080507)**	**RW1(11-31)**	**RW-1(126-146)**	**RW1(59-79)**	**RW-1(98-118)**
Sample Date		**4/30/2008**	**4/30/2008**	**4/29/2008**	**5/9/2008**	**5/7/2008**	**5/7/2008**	**5/6/2008**	**5/7/2008**	**5/6/2008**	**5/7/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs											
1,1'-Biphenyl	400	< 0.22	< 0.23	< 0.23	< 0.23	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
2,4,5-Trichlorophenol	700	< 1.1	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
2,4,6-Trichlorophenol	20	< 1	< 1.1	< 1.1	< 1.1	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol	20	< 1.4	< 1.5	< 1.5	< 1.5	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
2,4-Dimethylphenol	100	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
2,4-Dinitrophenol	40	< 1.1	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
2,4-Dinitrotoluene	NS	< 0.54	< 0.57	< 0.57	< 0.57	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54
2,6-Dinitrotoluene	NS	< 0.5	< 0.53	< 0.53	< 0.52	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	600	< 0.2	< 0.21	< 0.21	< 0.21	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	40	< 0.87	< 0.92	< 0.92	< 0.91	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87
2-Methylnaphthalene	NS	< 0.76	< 0.8	< 0.8	< 0.8	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76
2-Methylphenol	NS	< 1	< 1.1	< 1.1	< 1.1	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitroaniline	NS	< 0.5	< 0.52	< 0.52	< 0.52	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitrophenol	NS	< 1.5	< 1.6	< 1.6	< 1.6	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
3&4-Methylphenol	NS	< 1.1	< 1.2	< 1.2	< 1.1 J	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
3,3'-Dichlorobenzidine	30	< 0.97	< 1	< 1	< 1	< 0.97	< 0.97	< 0.97	< 0.97	< 0.97	< 0.97
3-Nitroaniline	NS	< 0.32	< 0.34	< 0.34	< 0.34	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
4,6-Dinitro-2-methylphenol	NS	< 2.2	< 2.3	< 2.3	< 2.3	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
4-Bromophenyl phenyl ether	NS	< 0.37	< 0.39	< 0.39	< 0.39	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
4-Chloro-3-Methylphenol	NS	< 1.2	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
4-Chloroaniline	30	< 0.35	< 0.37	< 0.37	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
4-Chlorophenyl phenyl ether	NS	< 0.29	< 0.31	< 0.31	< 0.3	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
4-Nitroaniline	NS	< 0.59	< 0.62	< 0.62	< 0.61	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59
4-Nitrophenol	NS	< 1.6	< 1.7	< 1.7	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Acetophenone	700	< 0.36	< 0.38	< 0.38	< 0.38	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
Atrazine	3	< 0.28	< 0.3	< 0.3	< 0.29	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Benzaldehyde	NS	< 0.76	< 0.8	< 0.8	< 0.79 R	< 0.76 J	< 0.76 J	< 0.76 R	< 0.76 J	< 0.76 R	< 0.76 J
Benzyl butyl phthalate	100	< 0.64	< 0.67	< 0.67	< 0.66	< 0.64	< 0.64	< 0.64	< 0.64	< 0.64	< 0.64
bis(2-Chloroethoxy)methane	NS	< 0.32	< 0.33	< 0.33	< 0.33	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
bis(2-Chloroethyl)ether	7	< 0.67	< 0.71	< 0.71	< 0.7	< 0.67	< 0.67	< 0.67	< 0.67	< 0.67	< 0.67
bis(2-Chloroisopropyl)ether	300	< 0.58	< 0.61	< 0.61	< 0.6	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58
bis(2-Ethylhexyl)phthalate	3	< 0.88	< 0.92	< 0.92 J	< 0.91	< 0.88	< 0.88	< 0.88	< 0.88	1.1 J	1.3 J
Caprolactam	NS	< 0.49	< 0.52	< 0.52	< 0.51	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
Carbazole	NS	< 0.4	< 0.42	< 0.42	< 0.41	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
Dibenzofuran	NS	< 0.23	< 0.24	< 0.24	< 0.24	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
Diethyl phthalate	6000	< 0.34	< 0.36	< 0.36	< 0.36	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Dimethyl phthalate	NS	< 0.34	< 0.35	< 0.35	< 0.35	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
di-n-butyl phthalate	700	< 0.4	< 0.42	< 0.42	< 0.42	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
di-n-octylphthalate	100	< 0.48	< 0.5	< 0.5	< 0.5	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
Hexachlorobutadiene	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
Hexachlorocyclopentadiene	40	< 0.1	< 0.11	< 0.11	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachloroethane	7	< 0.16	< 0.17	< 0.17	< 0.17	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Isophrone	40	< 0.49	< 0.51	< 0.51	< 0.51	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
Naphthalene	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	6	< 0.71	< 0.74	< 0.74	< 0.73	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71
N-Nitroso-di-n-Propylamine	10	< 0.38	< 0.4	< 0.4	< 0.4	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38
N-Nitrosodiphenylamine	10	< 0.41	< 0.44	< 0.44	< 0.43	< 0.41	0.97 J	< 0.41	< 0.41	< 0.41	< 0.41
Phenol	2000	< 0.68	< 0.72	< 0.72	< 0.71	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68
Total TIC, Semi-Volatile	NS	0	0	0	0	0	126.2 J	0	0	0	0

Table 5. Summary of Ground Water Analytical Result

Sample Location		OB-24	OB-24	OB-25	OB-26	Peter's Mine Shaft	Peter's Mine Shaft	RW-1	RW-1	RW-1	RW-1
Sample ID	**GWQS[1]**	**OB-24(080430)**	**DUP-02(080430) (OB-24)**	**OB-25(080429)**	**OB-26(080509)**	**PMPAS-180(080507)**	**PMPAS-230(080507)**	**RW1(11-31)**	**RW-1(126-146)**	**RW1(59-79)**	**RW-1(98-118)**
Sample Date		**4/30/2008**	**4/30/2008**	**4/29/2008**	**5/9/2008**	**5/7/2008**	**5/7/2008**	**5/6/2008**	**5/7/2008**	**5/6/2008**	**5/7/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs BY SIM											
Acenaphthene	400	< 0.016	< 0.017	< 0.017	< 0.017	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016
Acenaphthylene	NS	< 0.007	< 0.0074	< 0.0074	< 0.0073	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Anthracene	2000	< 0.021	< 0.022	< 0.022	< 0.022	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021
Benzo(a)anthracene	0.1 [0.2]	< 0.034	< 0.035	< 0.035	< 0.035	< 0.034 R	< 0.034 R	< 0.034	< 0.034 R	< 0.034	< 0.034 R
Benzo(a)pyrene	0.1 [0.2]	< 0.036	< 0.037	< 0.037	< 0.037	< 0.036	< 0.036	< 0.036	< 0.036	< 0.036	< 0.036
Benzo(b)fluoranthene	0.2 [10]	< 0.017	< 0.018	< 0.018	< 0.018	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Benzo(g,h,i)perylene	NS	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
Benzo(k)fluoranthene	0.5	< 0.019	< 0.02	< 0.02	< 0.02	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019
Chrysene	5	< 0.018	< 0.019	< 0.019	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.02	< 0.021	< 0.021	< 0.021	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Fluoranthene	300	< 0.0096	< 0.01	< 0.01	< 0.01	< 0.0096	< 0.0096	< 0.0096	< 0.0096	< 0.0096	< 0.0096
Fluorene	300	< 0.02	< 0.021	< 0.021	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Hexachlorobenzene	0.02 [10]	< 0.0099 J	< 0.01 J	< 0.01	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0099
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.014	< 0.015	< 0.015	< 0.015	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014
Naphthalene	300	< 0.014	< 0.015	< 0.015	< 0.014	0.293	3.2	< 0.014	< 0.014	< 0.014	< 0.014
Pentachlorophenol	0.3 [1]	< 0.22 J	< 0.23 J	< 0.23	< 0.23	< 0.22 R	< 0.22 R	< 0.22	< 0.22 R	< 0.22	< 0.22 R
Phenanthrene	NS	< 0.017	< 0.018	< 0.018	< 0.018	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Pyrene	200	< 0.012	< 0.013	< 0.013	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
PCBs											
PCB 1016	0.5	< 0.096	< 0.1	< 0.1	< 0.094	< 0.1	< 0.098	< 0.094	< 0.1	< 0.096	< 0.1
PCB 1221	0.5	< 0.48	< 0.5	< 0.51	< 0.47	< 0.52	< 0.49	< 0.47	< 0.5	< 0.48	< 0.5
PCB 1232	0.5	< 0.4	< 0.41	< 0.42	< 0.39	< 0.43	< 0.41	< 0.39	< 0.41	< 0.4	< 0.41
PCB 1242	0.5	< 0.17	< 0.17	< 0.18	< 0.16	< 0.18	< 0.17	< 0.16	< 0.17	< 0.17	< 0.17
PCB 1248	0.5	< 0.16	< 0.16	< 0.16	< 0.15	< 0.17	< 0.16	< 0.15	< 0.16	< 0.16	< 0.16
PCB 1254	0.5	< 0.11	< 0.12	< 0.12	< 0.11	< 0.12	< 0.11	< 0.11	< 0.12	< 0.11	< 0.12
PCB 1260	0.5	< 0.12	< 0.12	< 0.13	< 0.12	< 0.13	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0
Metals - Total											
Aluminum	200	< 24	< 24	**8080**	**914**	< 24	< 24	**694**	< 24	93.7 B	< 24
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Arsenic	3 [8]	1.7 B	< 1.7	2.1 B	< 1.7 B	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Barium	2000	33.7 B	35 B	60.6 B	17 B	18.7 B	586	17.7 B	3.6 B	6.6 B	2.3 B
Beryllium	1	< 0.15	< 0.15	0.4 B	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Calcium	NS	84800 J	87900 J	50400	6190	4610 B	102000	3490 B	27500	17600	26800
Chromium	70	2.5 B	1.1 B	9.4 B	< 1.3 B	< 1.4 B	< 2.5 B	3.1 B	< 0.9 B	0.9 B	< 0.8 B
Cobalt	NS	< 0.51	< 0.51	5.2 B	< 0.51	< 0.51	3.3 B	< 0.51	< 0.51	< 0.51	< 0.51
Copper	1,300	< 2.5	< 2.5	43.4	7.1 B	< 2.5	< 2.5	13.5 B	3.7 B	< 2.5	< 2.5
Iron	300	287 J	223 J	**11000**	**894**	**339**	**148000**	**699**	85.9 B	150	32.7 B
Lead	5	1.5 B	1.6 B	**13.8**	1.7 B	< 1.4	**6.4**	3.4	2.1 B	2 B	< 1.4
Magnesium	NS	21000 J	21700 J	11300	2070 B	1140 B	11500	1470 B	4250 B	3840 B	4190 B
Manganese	50	**262 J**	**272 J**	**321**	**124**	19.2	**2490**	24.9	23.4	6.9 B	2.1 B
Mercury	2	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Nickel	100	1.5 B	< 1.2	12.8 B	1.8 B	1.4 B	4.9 B	15.4 B	1.8 B	5.7 B	1.8 B
Potassium	NS	2200 B	2270 B	8200 B	856 B	341 B	6680 B	449 B	751 B	795 B	718 B
Selenium	40	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 2.9 B	< 1.6 J	< 2.1 B	2.2 B	< 1.9 B
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	13200	13700	43300	2100 B	1800 B	25600	1600 B	4850 B	3280 B	4640 B
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	1 B	1.2 B	13 B	1.8 B	< 0.43	4.1 B	0.6 B	0.7 B	0.6 B	0.6 B
Zinc	2000	< 4	< 4	61.4	< 12 B	13.9 B	< 4	451	108	213	90.1

Table 5. Summary of Ground Water Analytical Result

Sample Location		OB-24	OB-24	OB-25	OB-26	Peter's Mine Shaft	Peter's Mine Shaft	RW-1	RW-1	RW-1	RW-1
Sample ID	**GWQS[1]**	**OB-24(080430)**	**DUP-02(080430) (OB-24)**	**OB-25(080429)**	**OB-26(080509)**	**PMPAS-180(080507)**	**PMPAS-230(080507)**	**RW1(11-31)**	**RW-1(126-146)**	**RW1(59-79)**	**RW-1(98-118)**
Sample Date		**4/30/2008**	**4/30/2008**	**4/29/2008**	**5/9/2008**	**5/7/2008**	**5/7/2008**	**5/6/2008**	**5/7/2008**	**5/6/2008**	**5/7/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
Metals - Dissolved											
Aluminum	200	< 24	< 24	< 24	32.3 B	< 24	< 24	28.6 B	< 24	< 24	< 24
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Arsenic	3 [8]	< 1.7	1.7 B	< 1.7	< 1.7 B	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Barium	2000	33.8 B	32.7 B	25.6 B	12.3 B	17.9 B	500	6.3 B	3.6 B	6.1 B	2.9 B
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Calcium	NS	85400 J	82700 J	53700	5970	4600 B	101000	3360 B	27500	17000	27500
Chromium	70	1 B	1.2 B	1.2 B	< 0.53	< 0.53	< 3.9 B	< 0.53	< 0.53	< 0.53	< 0.53
Cobalt	NS	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	3 B	< 0.51	< 0.51	< 0.51	< 0.51
Copper	1,300	< 2.5	< 2.5	5.1 B	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	2.5 B	< 2.5
Iron	300	89.3 BJ	< 7.4 J	51.3 B	< 36.9 B	72.1 B	**132000**	< 7.4	28 B	38.6 B	12.8 B
Lead	5	< 1.4	< 1.4	< 1.4	1.5 B	< 1.4	**5.4**	1.5 B	2.2 B	2.2 B	< 1.4
Magnesium	NS	21100 J	20400 J	9940	1860 B	1160 B	11300	1380 B	4210 B	3710 B	4290 B
Manganese	50	**242 J**	**238 J**	3.8 B	**97.2**	9.8 B	**2460**	6.1 B	22	3.4 B	2.2 B
Mercury	2	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Nickel	100	< 1.2	< 1.2	2.5 B	< 1.2	< 1.2	8.5 B	6.2 B	1.7 B	5.3 B	1.4 B
Potassium	NS	2190 B	2180 B	8080 B	723 B	324 B	6610 B	372 B	746 B	769 B	724 B
Selenium	40	< 1.6	1.7 B	< 1.6	2.2 B	< 1.6	< 2.6 B	1.8 BJ	< 3.6 B	< 1.6	< 1.6
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	13400	13000	46500	2090 B	1850 B	25500	1530 B	4890 B	3120 B	4750 B
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	1 B	0.7 B	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	0.7 B	< 0.43	0.7 B
Zinc	2000	< 4	< 4	10.1 B	< 8.8 B	13.6 B	< 4	339	101	199	104
Other (mg/l)											
Alkalinity, Bicarbonate	NS	226	222	134	12.8	10.2	478	7.8	79.2	50	78
Alkalinity, Carbonate	NS	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Alkalinity, total (as CaCO3)	NS	226	222	136	12.8	10.2	479	7.8	79.7	50	78.8
Cyanide	0.1	< 0.01 J	< 0.01 J	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Nitrogen, Nitrate + Nitrite	NS	0.79	0.68	0.25	0.27	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phosphorus, Total	NS	< 0.05	< 0.05	0.066	< 0.05	0.071	0.15	< 0.05	< 0.05	< 0.05	< 0.05
Chloride	250	77.2	76.8	94.2	< 2	< 2	10.1	< 2	3.9	4.9	4
Nitrate	10	0.79	0.68	0.25	0.27	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Nitrogen, Nitrite	1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Sulfate	250	26.8	26.6	25.2	11	< 10	< 10	< 10	20.9	12.8	19.7

Footnotes on page 29.

Table 5. Summary of Ground Water Analytical Result

Sample Location		RW-1	RW-2	RW-2	RW-2	RW-3	RW-4	RW-4	RW-4	RW-4	RW-5	RW-5A
Sample ID	**GWQS[1]**	**DUP-03(080507) (RW-1(98-118))**	**RW-2 (442-472)**	**RW-2(103-133)**	**RW-2(20-50)**	**RW-3(62-98)**	**RW-4(108-128)**	**RW-4(328-348)**	**RW-4(388-408)**	**RW-4(57-77)**	**RW-5(080502)**	**RW-SA(080429)**
Sample Date		**5/7/2008**	**5/5/2008**	**5/1/2008**	**5/1/2008**	**4/30/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**4/28/2008**	**5/2/2008**	**4/29/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
VOCs												
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.16	< 0.16	< 0.16	< 0.16	0.45 J	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*
1,2-Dibromoethane	0.03 [0.5]	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	14.6
Benzene	1	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	0.89 J	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18 J	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	0.32 J
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	17.8	< 0.22
Chloroform	70	< 0.16	< 0.16	1.7	1.9	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
cis-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.12 J	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Methyl acetate	7000	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Methyl tert butyl ether	70	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	6.9	12.5	72.4	28.5	3.1	7.8	2.2	1.4	24.9	< 0.15	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Xylenes	1,000	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	0	0	0	0	0	0	0	0	0	0	0

Table 5. Summary of Ground Water Analytical Result

Sample Location		RW-1	RW-2	RW-2	RW-2	RW-3	RW-4	RW-4	RW-4	RW-4	RW-5	RW-5A
Sample ID	**GWQS[1]**	**DUP-03(080507) (RW-1(98-118))**	**RW-2 (442-472)**	**RW-2(103-133)**	**RW-2(20-50)**	**RW-3(62-98)**	**RW-4(108-128)**	**RW-4(328-348)**	**RW-4(388-408)**	**RW-4(57-77)**	**RW-5(080502)**	**RW-SA(080429)**
Sample Date		**5/7/2008**	**5/5/2008**	**5/1/2008**	**5/1/2008**	**4/30/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**4/28/2008**	**5/2/2008**	**4/29/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs												
1,1'-Biphenyl	400	< 0.22	< 0.25	< 0.23 J	< 0.24 J	< 0.22	< 0.23	< 0.22	< 0.23	< 0.22	< 0.23 J	< 0.24
2,4,5-Trichlorophenol	700	< 1.1	< 1.2	< 1.1 J	< 1.2 J	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.2 J	< 1.2
2,4,6-Trichlorophenol	20	< 1	< 1.1	< 1 J	< 1.1 J	< 1	< 1.1	< 1	< 1.1	< 1	< 1.1 J	< 1.1
2,4-Dichlorophenol	20	< 1.4	< 1.6	< 1.4 J	< 1.5 J	< 1.4	< 1.5	< 1.4	< 1.5	< 1.4	< 1.5 J	< 1.5
2,4-Dimethylphenol	100	< 1.7	< 1.8	< 1.7 J	< 1.8 J	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7 J	< 1.8
2,4-Dinitrophenol	40	< 1.1	< 1.2	< 1.1 J	< 1.2 J	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.2 J	< 1.2
2,4-Dinitrotoluene	NS	< 0.54	< 0.6	< 0.56 J	< 0.58 J	< 0.54	< 0.57	< 0.54	< 0.57	< 0.54	< 0.57 J	< 0.6
2,6-Dinitrotoluene	NS	< 0.5	< 0.56	< 0.51 J	< 0.54 J	< 0.5	< 0.52	< 0.5	< 0.53	< 0.5	< 0.53 J	< 0.55
2-Chloronaphthalene	600	< 0.2	< 0.22	< 0.2 J	< 0.21 J	< 0.2	< 0.21	< 0.2	< 0.21	< 0.2	< 0.21 J	< 0.22
2-Chlorophenol	40	< 0.87	< 0.97	< 0.89 J	< 0.94 J	< 0.87	< 0.91	< 0.87	< 0.92	< 0.87	< 0.92 J	< 0.96
2-Methylnaphthalene	NS	< 0.76	< 0.85	< 0.78 J	< 0.82 J	< 0.76	< 0.8	< 0.76	< 0.8	< 0.76	< 0.8 J	< 0.84
2-Methylphenol	NS	< 1	< 1.2	< 1.1 J	< 1.1 J	< 1	< 1.1	< 1	< 1.1	< 1	< 1.1 J	< 1.1
2-Nitroaniline	NS	< 0.5	< 0.55	< 0.51 J	< 0.53 J	< 0.5	< 0.52	< 0.5	< 0.52	< 0.5	< 0.52 J	< 0.55
2-Nitrophenol	NS	< 1.5	< 1.7	< 1.5 J	< 1.6 J	< 1.5	< 1.6	< 1.5	< 1.6	< 1.5	< 1.6 J	< 1.6
3&4-Methylphenol	NS	< 1.1	< 1.2	< 1.1 J	< 1.2 J	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.2 J	< 1.2
3,3'-Dichlorobenzidine	30	< 0.97	< 1.1	< 0.99 J	< 1 J	< 0.97	< 1	< 0.97	< 1	< 0.97	< 1 J	< 1.1
3-Nitroaniline	NS	< 0.32	< 0.36	< 0.33 J	< 0.35 J	< 0.32	< 0.34	< 0.32	< 0.34	< 0.32	< 0.34 J	< 0.36
4,6-Dinitro-2-methylphenol	NS	< 2.2	< 2.5	< 2.3 J	< 2.4 J	< 2.2	< 2.3	< 2.2	< 2.3	< 2.2	< 2.3 J	< 2.5
4-Bromophenyl phenyl ether	NS	< 0.37	< 0.41	< 0.38 J	< 0.4 J	< 0.37	< 0.39	< 0.37	< 0.39	< 0.37	< 0.39 J	< 0.41
4-Chloro-3-Methylphenol	NS	< 1.2	< 1.3	< 1.2 J	< 1.3 J	< 1.2	< 1.3	< 1.2	< 1.3	< 1.2	< 1.3 J	< 1.3
4-Chloroaniline	30	< 0.35	< 0.39 R	< 0.36 J	< 0.37 J	< 0.35	< 0.36	< 0.35	< 0.37	< 0.35	< 0.37 J	< 0.38
4-Chlorophenyl phenyl ether	NS	< 0.29	< 0.32	< 0.3 J	< 0.31 J	< 0.29	< 0.3	< 0.29	< 0.31	< 0.29	< 0.31 J	< 0.32
4-Nitroaniline	NS	< 0.59	< 0.66	< 0.6 J	< 0.63 J	< 0.59	< 0.61	< 0.59	< 0.62	< 0.59	< 0.62 J	< 0.65
4-Nitrophenol	NS	< 1.6	< 1.8	< 1.6 J	< 1.7 J	< 1.6	< 1.6	< 1.6	< 1.7	< 1.6	< 1.7 J	< 1.7
Acetophenone	700	< 0.36	< 0.4	< 0.37 J	< 0.39 J	< 0.36	< 0.38	< 0.36	< 0.38	< 0.36	< 0.38 J	0.47 J
Atrazine	3	< 0.28	< 0.31	< 0.29 J	< 0.3 J	< 0.28	< 0.29	< 0.28	< 0.3	< 0.28	< 0.3 J	< 0.31
Benzaldehyde	NS	< 0.76 J	< 0.85 J	< 0.78 J	< 0.82 J	< 0.76	< 0.79	< 0.76	< 0.8	< 0.76	< 0.8 J	< 0.84
Benzyl butyl phthalate	100	< 0.64	< 0.71	< 0.65 J	< 0.69 J	< 0.64	< 0.66	< 0.64	< 0.67	< 0.64	< 0.67 J	< 0.7
bis(2-Chloroethoxy)methane	NS	< 0.32	< 0.35	< 0.32 J	< 0.34 J	< 0.32	< 0.33	< 0.32	< 0.33	< 0.32	< 0.33 J	< 0.35
bis(2-Chloroethyl)ether	7	< 0.67	< 0.75	< 0.69 J	< 0.72 J	< 0.67	< 0.7	< 0.67	< 0.71	< 0.67	< 0.71 J	< 0.74
bis(2-Chloroisopropyl)ether	300	< 0.58	< 0.64	< 0.59 J	< 0.62 J	< 0.58	< 0.6	< 0.58	< 0.61	< 0.58	< 0.61 J	< 0.64
bis(2-Ethylhexyl)phthalate	3	**3.7**	< 5.3 B	< 6.6 BJ	< 5 BJ	< 0.88	< 0.91	< 0.88 J	< 0.92 J	2	< 0.92 J	< 0.96
Caprolactam	NS	< 0.49	< 0.55	< 0.5 J	< 0.53 J	< 0.49	< 0.51	< 0.49	< 0.52	< 0.49	< 0.52 J	< 0.54
Carbazole	NS	< 0.4	< 0.44	< 0.41 J	< 0.43 J	< 0.4	< 0.41	< 0.4	< 0.42	< 0.4	< 0.42 J	< 0.44
Dibenzofuran	NS	< 0.23	< 0.25	< 0.23 J	< 0.25 J	< 0.23	< 0.24	< 0.23	< 0.24	< 0.23	< 0.24 J	< 0.25
Diethyl phthalate	6000	< 0.34	< 0.38	< 0.35 J	< 0.37 J	< 0.34	< 0.36	< 0.34	< 0.36	< 0.34	< 0.36 J	< 0.38
Dimethyl phthalate	NS	< 0.34	< 0.37	< 0.34 J	< 0.36 J	< 0.34	< 0.35	< 0.34	< 0.35	< 0.34	< 0.35 J	< 0.37
di-n-butyl phthalate	700	< 0.4	< 0.44	< 0.41 J	< 0.43 J	< 0.4	< 0.42	< 0.4	< 0.42	< 0.4	< 0.42 J	< 0.44
di-n-octylphthalate	100	< 0.48	< 0.53	< 0.49 J	< 0.51 J	< 0.48	< 0.5	< 0.48	< 0.5	< 0.48	< 0.5 J	< 0.53
Hexachlorobutadiene	1	< 0.13	< 0.14	< 0.13 J	< 0.14 J	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13 J	< 0.14
Hexachlorocyclopentadiene	40	< 0.1	< 0.11	< 0.11 J	< 0.11 J	< 0.1	< 0.11	< 0.1	< 0.11	< 0.1	< 0.11 J	< 0.11
Hexachloroethane	7	< 0.16	< 0.18	< 0.16 J	< 0.17 J	< 0.16	< 0.17	< 0.16	< 0.17	< 0.16	< 0.17 J	< 0.18
Isophrone	40	< 0.49	< 0.54	< 0.5 J	< 0.53 J	< 0.49	< 0.51	< 0.49	< 0.51	< 0.49	< 0.51 J	< 0.54
Naphthalene	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	6	< 0.71	< 0.78	< 0.72 J	< 0.76 J	< 0.71	< 0.73	< 0.71	< 0.74	< 0.71	< 0.74 J	< 0.77
N-Nitroso-di-n-Propylamine	10	< 0.38	< 0.42	< 0.39 J	< 0.41 J	< 0.38	< 0.4	< 0.38	< 0.4	< 0.38	< 0.4 J	< 0.42
N-Nitrosodiphenylamine	10	< 0.41	< 0.46	< 0.42 J	< 0.45 J	< 0.41	< 0.43	< 0.41	< 0.44	< 0.41	< 0.44 J	< 0.45
Phenol	2000	< 0.68	< 0.76	< 0.7 J	< 0.73 J	< 0.68	< 0.71	< 0.68	< 0.72	< 0.68	< 0.72 J	< 0.75
Total TIC, Semi-Volatile	NS	0	4.7 J	0	0	0	4.9 J	4.1 J	9.5 J	31 J	0	0

Table 5. Summary of Ground Water Analytical Result

Sample Location		RW-1	RW-2	RW-2	RW-2	RW-3	RW-4	RW-4	RW-4	RW-4	RW-5	RW-5A
Sample ID	**GWQS[1]**	**DUP-03(080507) (RW-1(98-118))**	**RW-2 (442-472)**	**RW-2(103-133)**	**RW-2(20-50)**	**RW-3(62-98)**	**RW-4(108-128)**	**RW-4(328-348)**	**RW-4(388-408)**	**RW-4(57-77)**	**RW-5(080502)**	**RW-SA(080429)**
Sample Date		**5/7/2008**	**5/5/2008**	**5/1/2008**	**5/1/2008**	**4/30/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**4/28/2008**	**5/2/2008**	**4/29/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs BY SIM												
Acenaphthene	400	< 0.016	< 0.016	< 0.016	< 0.017	< 0.016	< 0.017	< 0.016	< 0.017	< 0.016	< 0.017	< 0.018
Acenaphthylene	NS	< 0.007	< 0.007	< 0.0071	< 0.0075	< 0.007	< 0.0073	< 0.007	< 0.0074	< 0.007	< 0.0075	< 0.0077
Anthracene	2000	< 0.021	< 0.021	< 0.021	< 0.023	< 0.021	< 0.022	< 0.021	< 0.022	< 0.021	< 0.023	< 0.023
Benzo(a)anthracene	0.1 [0.2]	< 0.034 R	< 0.034 J	< 0.034	< 0.036	< 0.034	< 0.035	< 0.034	< 0.035	< 0.034	< 0.036	< 0.037
Benzo(a)pyrene	0.1 [0.2]	< 0.036	< 0.036	< 0.036	< 0.038	< 0.036	< 0.037	< 0.036	< 0.037	< 0.036	< 0.038	< 0.039
Benzo(b)fluoranthene	0.2 [10]	< 0.017	< 0.017	< 0.017	< 0.018	< 0.017	< 0.018	< 0.017	< 0.018	< 0.017	< 0.018	< 0.019
Benzo(g,h,i)perylene	NS	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.013
Benzo(k)fluoranthene	0.5	< 0.019	< 0.019	< 0.019	< 0.02	< 0.019	< 0.02	< 0.019	< 0.02	< 0.019	< 0.02	< 0.021
Chrysene	5	< 0.018	< 0.018	< 0.018	< 0.019	< 0.018	< 0.018	< 0.018	< 0.019	< 0.018	< 0.019	< 0.019
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.02	< 0.02	< 0.021	< 0.022	< 0.02	< 0.021	< 0.02	< 0.021	< 0.02	< 0.022	< 0.022
Fluoranthene	300	< 0.0096	< 0.0096	< 0.0098	< 0.01	< 0.0096	< 0.01	< 0.0096	< 0.01	< 0.0096	< 0.01	< 0.011
Fluorene	300	< 0.02	< 0.02	< 0.02	< 0.021	< 0.02	< 0.02	< 0.02	< 0.021	< 0.02	< 0.021	< 0.022
Hexachlorobenzene	0.02 [10]	< 0.0099	< 0.0099	< 0.01	< 0.011	< 0.0099 J	< 0.01	< 0.0099	< 0.01	< 0.0099	< 0.011	< 0.011
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.014	< 0.014	< 0.015	< 0.015	< 0.014	< 0.015	< 0.014	< 0.015	< 0.014	< 0.015	< 0.016
Naphthalene	300	< 0.014	< 0.249 B	< 0.014	< 0.015	< 0.014	< 0.014	< 0.014	< 0.015	< 0.014	< 0.015	< 0.015
Pentachlorophenol	0.3 [1]	< 0.22 R	< 0.22	< 0.23	< 0.24	< 0.22 J	< 0.23	< 0.22	< 0.23	< 0.22	< 0.23 J	< 0.25
Phenanthrene	NS	< 0.017	< 0.017	< 0.017	< 0.018	< 0.017	< 0.018	< 0.017	< 0.018	< 0.017	< 0.018	< 0.019
Pyrene	200	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.013	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013
PCBs												
PCB 1016	0.5	< 0.1	NA	< 0.094	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.099	< 0.1	< 0.094
PCB 1221	0.5	< 0.52	NA	< 0.47	< 0.52	< 0.51	< 0.51	< 0.5	< 0.51	< 0.49	< 0.5	< 0.47
PCB 1232	0.5	< 0.43	NA	< 0.39	< 0.43	< 0.42	< 0.42	< 0.42	< 0.42	< 0.41	< 0.41	< 0.39
PCB 1242	0.5	< 0.18	NA	< 0.16	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.17	< 0.17	< 0.16
PCB 1248	0.5	< 0.17	NA	< 0.15	< 0.17	< 0.17	< 0.16	< 0.16	< 0.17	< 0.16	< 0.16	< 0.15
PCB 1254	0.5	< 0.12	NA	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.11	< 0.12	< 0.11
PCB 1260	0.5	< 0.13	NA	< 0.12	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.12	< 0.12	< 0.12
Total PCBs	0.5	0	NA	0	0	0	0	0	0	0	0	0
Metals - Total												
Aluminum	200	38.8 B	**420**	109 B	**979**	**280**	< 24	< 24	< 24	58.5 B	< 24	**834**
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8 B	< 1.8
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	**4.1**	**8.6**
Barium	2000	2.6 B	125 B	65.3 B	60.8 B	42.9 B	14 B	8.5 B	8 B	7.8 B	29 B	13.1 B
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	0.9 B	< 0.28
Calcium	NS	27500	158000 J	73000	60400	50300 J	13500	10500	11000	10000	74200	12400
Chromium	70	< 1.2 B	< 20.8	2.2 B	3.1 B	1.9 B	1 B	0.8 B	1.1 B	2.6 B	1.1 B	2.2 B
Cobalt	NS	< 0.51	4.1 B	1.3 B	1.4 B	0.7 B	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	0.6 B
Copper	1,300	< 2.5	21 B	11.6 B	6.1 B	11.3 B	5.5 B	5.1 B	6.1 B	< 2.5 B	< 2.5	27.2
Iron	300	97.9 B	**2150**	**655**	**2710**	**1520**	**602**	**316**	**1170**	**1180**	**15200**	**704**
Lead	5	1.9 B	**22.2**	**5.4**	4.3	4.7	3.1	2.5 B	3.3	3.4	< 1.4	2.9 B
Magnesium	NS	4320 B	45400	25200	22300	14900 J	5190	4160 B	4340 B	3920 B	18300	1820 B
Manganese	50	6.7 B	**1570**	**442**	**369**	**149 J**	5.8 B	1.8 B	5.3 B	17.2	**4890**	**123**
Mercury	2	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Nickel	100	2.6 B	< 40.9 B	4.7 B	4.6 B	2 B	6.6 B	< 1.2	< 1.2	3 B	1.8 B	3.8 B
Potassium	NS	718 B	4110 B	2480 B	2490 B	2070 B	1250 B	1060 B	1100 B	1140 B	5970 B	67700
Selenium	40	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	2.7 B	< 1.6
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	4810 B	**257000**	**120000**	**120000**	7020 B	5670 B	5370 B	5570 B	5450 B	17000	**63100**
Thallium	2 [10]	< 1.3	1.8 B	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	1 B	3.3 B	0.6 B	5.2 B	1.4 B	0.7 B	0.5 B	0.9 B	0.9 B	0.8 B	9.2 B
Zinc	2000	99.8	**10700**	1700	499	172	373	306	707	872	59.5	13.5 B

Table 5. Summary of Ground Water Analytical Result

Sample Location		RW-1	RW-2	RW-2	RW-2	RW-3	RW-4	RW-4	RW-4	RW-4	RW-5	RW-5A
Sample ID	**GWQS[1]**	**DUP-03(080507) (RW-1(98-118))**	**RW-2 (442-472)**	**RW-2(103-133)**	**RW-2(20-50)**	**RW-3(62-98)**	**RW-4(108-128)**	**RW-4(328-348)**	**RW-4(388-408)**	**RW-4(57-77)**	**RW-5(080502)**	**RW-SA(080429)**
Sample Date		**5/7/2008**	**5/5/2008**	**5/1/2008**	**5/1/2008**	**4/30/2008**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**4/28/2008**	**5/2/2008**	**4/29/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
Metals - Dissolved												
Aluminum	200	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	< 24	66.8 B
Antimony	6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8 B	< 1.8
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	**11.8**
Barium	2000	2.4 B	111 B	60.9 B	56.6 B	36.9 B	14.6 B	9.6 B	7.3 B	7.6 B	21.2 B	8.7 B
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cadmium	4	< 0.28	0.3 B	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	0.8 B	< 0.28
Calcium	NS	27100	151000	71300	59400	48200 J	13100	10600	10400	9760	72600	11500
Chromium	70	< 0.6 B	< 1.8 B	0.9 B	1.1 B	< 0.53	< 0.53	< 0.53	< 0.53	1 B	< 0.53	0.8 B
Cobalt	NS	< 0.51	0.9 B	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51
Copper	1,300	< 2.5	4.4 B	5.3 B	2.8 B	< 2.5	5.3 B	3.5 B	4.9 B	< 2.5 B	< 2.5	18.8 B
Iron	300	11.6 B	< 9.7 B	19.3 B	37.1 B	42.1 B	11.3 B	9.7 B	12 B	54.1 B	**1210**	50.6 B
Lead	5	2.6 B	3.9	2.1 B	2.9 B	2.3 B	< 1.4	1.8 B	< 1.4	< 1.4	< 1.4	2.5 B
Magnesium	NS	4250 B	43000	24500	21200	14200 J	5080	4230 B	4100 B	3880 B	18000	904 B
Manganese	50	1.7 B	< 731 B	**164**	**275**	**116 J**	4.5 B	1.1 B	2 B	12.5 B	**4720**	7.2 B
Mercury	2	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Nickel	100	1.6 B	31.8 B	4.1 B	3 B	< 1.2	< 1.2	< 1.2	< 1.2	2.5 B	1.9 B	3 B
Potassium	NS	698 B	3890 B	2410 B	2310 B	1930 B	1200 B	1090 B	1070 B	1110 B	5890 B	68800
Selenium	40	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	2.4 B	< 1.6
Silver	40	< 1	1.5 B	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	4710 B	**248000**	**119000**	**118000**	6810 B	5590 B	5450 B	5350 B	5390 B	16800	**64400**
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	< 0.43	< 0.43	< 0.43	< 0.43	0.5 B	0.8 B	0.7 B	0.6 B	< 0.43	< 0.43	9.4 B
Zinc	2000	86.8	**10200**	1580	472	136	382	290	651	815	< 4	8 B
Other (mg/l)												
Alkalinity, Bicarbonate	NS	78.5	NA	89.9	75.4	145	48.2	41.5	39.9	39.4	266	33
Alkalinity, Carbonate	NS	< 5	NA	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	160
Alkalinity, total (as CaCO3)	NS	79.1	NA	89.9	75.5	145	48.3	41.6	40	39.4	266	222
Cyanide	0.1	< 0.01	NA	< 0.01	< 0.01	< 0.01 J	< 0.01	< 0.01	< 0.01	0.014	< 0.01	< 0.01
Nitrogen, Nitrate + Nitrite	NS	< 0.1	NA	3.6	3.5	0.65	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phosphorus, Total	NS	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.057
Chloride	250	4.1	NA	**280**	**272**	20	2.7	< 2	< 2	< 2	2.3	3
Nitrate	10	< 0.11	NA	3.6	3.5	0.65	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Nitrogen, Nitrite	1	< 0.01	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Sulfate	250	19.9	NA	22.6	22.2	13.8	17.5	15.3	15.3	14.6	45.5	32.3

Footnotes on page 29.

Table 5. Summary of Ground Water Analytical Result

Sample Location		RW-6	RW-6A	RW-7	SC-01	SC-01	SC-02	Field Blank	Field Blank	Field Blank	Field Blank
Sample ID	**GWQS[1]**	**RW-6(080502)**	**RW-6A(080502)**	**RW-7 (080505)**	**SC-1(080430)**	**DUP-01(080430) (SC-1)**	**SC-2 (080505)**	**FIELDBLANK(080428)**	**FIELDBLANK(080429)**	**FIELDBLANK(080430)**	**FIELD BLANK(080501)**
Sample Date		**5/2/2008**	**5/2/2008**	**5/5/2008**	**4/30/2008**	**4/30/2008**	**5/5/2008**	**4/28/2008**	**4/29/2008**	**4/30/2008**	**5/1/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
VOCs											
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	0.89 J	0.67 J	< 0.16	0.42 J	0.38 J	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*
1,2-Dibromoethane	0.03 [0.5]	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	**1.7**	**1.7**	< 0.26	**1.1**	0.93 J	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18 J	< 0.18	< 0.18	< 0.18 J	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Chloroethane	NS	7.9	1.9	< 0.22	1	0.9 J	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
cis-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85	1.6 J	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	6.5	5.5	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	0.56 J	1.9 J	< 0.15	2	1.9 J	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Methyl acetate	7000	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Methyl tert butyl ether	70	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11	2 J	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	5.8	5.2	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	< 0.15	< 0.15	< 0.15	0.93 J	0.84 J	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	1.8	< 0.39	34.8	30.2	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Xylenes	1,000	< 0.39	1.8	< 0.39	40.7	35.4	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	0	39.8 J	0	53.7 J	38 J	0	0	0	0	0

Table 5. Summary of Ground Water Analytical Result

Sample Location		RW-6	RW-6A	RW-7	SC-01	SC-01	SC-02	Field Blank	Field Blank	Field Blank	Field Blank
Sample ID	**GWQS[1]**	**RW-6(080502)**	**RW-6A(080502)**	**RW-7 (080505)**	**SC-1(080430)**	**DUP-01(080430) (SC-1)**	**SC-2 (080505)**	**FIELDBLANK(080428)**	**FIELDBLANK(080429)**	**FIELDBLANK(080430)**	**FIELD BLANK(080501)**
Sample Date		**5/2/2008**	**5/2/2008**	**5/5/2008**	**4/30/2008**	**4/30/2008**	**5/5/2008**	**4/28/2008**	**4/29/2008**	**4/30/2008**	**5/1/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs											
1,1'-Biphenyl	400	< 0.24 J	< 0.22 J	< 0.25	< 0.22	< 0.22	< 0.25	< 0.22	< 0.23	< 0.23	< 0.24 J
2,4,5-Trichlorophenol	700	< 1.2 J	< 1.1 J	< 1.2	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2 J
2,4,6-Trichlorophenol	20	< 1.1 J	< 1 J	< 1.1	< 1	< 1	< 1.1	< 1	< 1	< 1.1	< 1.1 J
2,4-Dichlorophenol	20	< 1.5 J	< 1.4 J	< 1.6	< 1.4	< 1.4	< 1.6	< 1.4	< 1.4	< 1.5	< 1.5 J
2,4-Dimethylphenol	100	< 1.8 J	< 1.7 J	< 1.8	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.8 J
2,4-Dinitrophenol	40	< 1.2 J	< 1.1 J	< 1.2	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2 J
2,4-Dinitrotoluene	NS	< 0.59 J	< 0.54 J	< 0.6	< 0.54	< 0.54	< 0.6	< 0.54	< 0.56	< 0.57	< 0.6 J
2,6-Dinitrotoluene	NS	< 0.54 J	< 0.5 J	< 0.56	< 0.5	< 0.5	< 0.56	< 0.5	< 0.51	< 0.53	< 0.55 J
2-Chloronaphthalene	600	< 0.22 J	< 0.2 J	< 0.22	< 0.2	< 0.2	< 0.22	< 0.2	< 0.2	< 0.21	< 0.22 J
2-Chlorophenol	40	< 0.95 J	< 0.87 J	< 0.97	< 0.87	< 0.87	< 0.97	< 0.87	< 0.89	< 0.92	< 0.96 J
2-Methylnaphthalene	NS	< 0.83 J	< 0.76 J	< 0.85	< 0.76	< 0.76	< 0.85	< 0.76	< 0.78	< 0.8	< 0.84 J
2-Methylphenol	NS	< 1.1 J	< 1 J	< 1.2	< 1	< 1	< 1.2	< 1	< 1.1	< 1.1	< 1.1 J
2-Nitroaniline	NS	< 0.54 J	< 0.5 J	< 0.55	< 0.5	< 0.5	< 0.55	< 0.5	< 0.51	< 0.52	< 0.55 J
2-Nitrophenol	NS	< 1.6 J	< 1.5 J	< 1.7	< 1.5	< 1.5	< 1.7	< 1.5	< 1.5	< 1.6	< 1.6 J
3&4-Methylphenol	NS	< 1.2 J	< 1.1 J	< 1.2	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2 J
3,3'-Dichlorobenzidine	30	< 1.1 J	< 0.97 J	< 1.1	< 0.97	< 0.97	< 1.1	< 0.97	< 0.99	< 1	< 1.1 J
3-Nitroaniline	NS	< 0.35 J	< 0.32 J	< 0.36	< 0.32	< 0.32	< 0.36	< 0.32	< 0.33	< 0.34	< 0.36 J
4,6-Dinitro-2-methylphenol	NS	< 2.4 J	< 2.2 J	< 2.5	< 2.2	< 2.2	< 2.5	< 2.2	< 2.3	< 2.3	< 2.5 J
4-Bromophenyl phenyl ether	NS	< 0.41 J	< 0.37 J	< 0.41	< 0.37	< 0.37	< 0.41	< 0.37	< 0.38	< 0.39	< 0.41 J
4-Chloro-3-Methylphenol	NS	< 1.3 J	< 1.2 J	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.3 J
4-Chloroaniline	30	< 0.38 J	< 0.35 J	< 0.39 R	< 0.35	< 0.35	< 0.39 R	< 0.35	< 0.36	< 0.37	< 0.38 J
4-Chlorophenyl phenyl ether	NS	< 0.32 J	< 0.29 J	< 0.32	< 0.29	< 0.29	< 0.32	< 0.29	< 0.3	< 0.31	< 0.32 J
4-Nitroaniline	NS	< 0.64 J	< 0.59 J	< 0.66	< 0.59	< 0.59	< 0.66	< 0.59	< 0.6	< 0.62	< 0.65 J
4-Nitrophenol	NS	< 1.7 J	< 1.6 J	< 1.8	< 1.6	< 1.6	< 1.8	< 1.6	< 1.6	< 1.7	< 1.7 J
Acetophenone	700	< 0.39 J	< 0.36 J	< 0.4	< 0.36	< 0.36	< 0.4	< 0.36	< 0.37	< 0.38	< 0.4 J
Atrazine	3	< 0.31 J	< 0.28 J	< 0.31	< 0.28	< 0.28	< 0.31	< 0.28	< 0.29	< 0.3	< 0.31 J
Benzaldehyde	NS	< 0.83 J	< 0.76 J	< 0.85 J	< 0.76	< 0.76	< 0.85 J	< 0.76	< 0.78	< 0.8	< 0.84 J
Benzyl butyl phthalate	100	< 0.69 J	< 0.64 J	< 0.71	< 0.64	< 0.64	< 0.71	< 0.64	< 0.65	< 0.67	< 0.7 J
bis(2-Chloroethoxy)methane	NS	< 0.35 J	< 0.32 J	< 0.35	< 0.32	< 0.32	< 0.35	< 0.32	< 0.32	< 0.33	< 0.35 J
bis(2-Chloroethyl)ether	7	< 0.73 J	< 0.67 J	< 0.75	< 0.67	< 0.67	< 0.75	< 0.67	< 0.69	< 0.71	< 0.74 J
bis(2-Chloroisopropyl)ether	300	< 0.63 J	< 0.58 J	< 0.64	< 0.58	< 0.58	< 0.64	< 0.58	< 0.59	< 0.61	< 0.64 J
bis(2-Ethylhexyl)phthalate	3	< 0.95 J	< 0.88 J	< 0.98	< 0.88	< 0.88	< 0.98	< 0.88	1.2 J	2.5	**3.4 B**
Caprolactam	NS	< 0.53 J	< 0.49 J	< 0.55	< 0.49	< 0.49	< 0.55	< 0.49	< 0.5	< 0.52	< 0.54 J
Carbazole	NS	< 0.43 J	< 0.4 J	< 0.44	< 0.4	< 0.4	< 0.44	< 0.4	< 0.41	< 0.42	< 0.44 J
Dibenzofuran	NS	< 0.25 J	< 0.23 J	< 0.25	< 0.23	< 0.23	< 0.25	< 0.23	< 0.23	< 0.24	< 0.25 J
Diethyl phthalate	6000	< 0.37 J	< 0.34 J	< 0.38	< 0.34	< 0.34	< 0.38	< 0.34	< 0.35	< 0.36	< 0.38 J
Dimethyl phthalate	NS	< 0.37 J	< 0.34 J	< 0.37	< 0.34	< 0.34	< 0.37	< 0.34	< 0.34	< 0.35	< 0.37 J
di-n-butyl phthalate	700	< 0.43 J	< 0.4 J	< 0.44	< 0.4	< 0.4	< 0.44	< 0.4	< 0.41	< 0.42	< 0.44 J
di-n-octylphthalate	100	< 0.52 J	< 0.48 J	< 0.53	< 0.48	< 0.48 J	< 0.53	< 0.48	< 0.49	1.2 J	< 0.53 J
Hexachlorobutadiene	1	< 0.14 J	< 0.13 J	< 0.14	< 0.13	< 0.13	< 0.14	< 0.13	< 0.13	< 0.13	< 0.14 J
Hexachlorocyclopentadiene	40	< 0.11 J	< 0.1 J	< 0.11	< 0.1	< 0.1	< 0.11	< 0.1	< 0.11	< 0.11	< 0.11 J
Hexachloroethane	7	< 0.18 J	< 0.16 J	< 0.18	< 0.16	< 0.16	< 0.18	< 0.16	< 0.16	< 0.17	< 0.18 J
Isophrone	40	< 0.53 J	< 0.49 J	< 0.54	< 0.49	< 0.49	< 0.54	< 0.49	< 0.5	< 0.51	< 0.54 J
Naphthalene	300	NA	NA	NA	5.2	NA	NA	NA	NA	NA	NA
Nitrobenzene	6	< 0.77 J	< 0.71 J	< 0.78	< 0.71	< 0.71	< 0.78	< 0.71	< 0.72	< 0.74	< 0.77 J
N-Nitroso-di-n-Propylamine	10	< 0.42 J	< 0.38 J	< 0.42	< 0.38	< 0.38	< 0.42	< 0.38	< 0.39	< 0.4	< 0.42 J
N-Nitrosodiphenylamine	10	< 0.45 J	< 0.41 J	< 0.46	0.88 J	0.67 J	< 0.46	< 0.41	< 0.42	< 0.44	< 0.45 J
Phenol	2000	< 0.74 J	< 0.68 J	< 0.76	< 0.68	< 0.68	< 0.76	< 0.68	< 0.7	< 0.72	< 0.75 J
Total TIC, Semi-Volatile	NS	18 J	13.6 J	0	26.2 J	9.6 J	0	0	0	0	5.2 J

Table 5. Summary of Ground Water Analytical Result

Sample Location		RW-6	RW-6A	RW-7	SC-01	SC-01	SC-02	Field Blank	Field Blank	Field Blank	Field Blank
Sample ID	**GWQS[1]**	**RW-6(080502)**	**RW-6A(080502)**	**RW-7 (080505)**	**SC-1(080430)**	**DUP-01(080430) (SC-1)**	**SC-2 (080505)**	**FIELDBLANK(080428)**	**FIELDBLANK(080429)**	**FIELDBLANK(080430)**	**FIELD BLANK(080501)**
Sample Date		**5/2/2008**	**5/2/2008**	**5/5/2008**	**4/30/2008**	**4/30/2008**	**5/5/2008**	**4/28/2008**	**4/29/2008**	**4/30/2008**	**5/1/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs BY SIM											
Acenaphthene	400	< 0.017	< 0.016	< 0.018	< 0.016	< 0.016	< 0.018	< 0.016	< 0.016	< 0.017	< 0.018
Acenaphthylene	NS	< 0.0076	< 0.007	< 0.0078	< 0.007	< 0.007	< 0.0078	< 0.007	< 0.0071	< 0.0074	< 0.0077
Anthracene	2000	< 0.023	< 0.021	< 0.023	< 0.021	< 0.021	< 0.023	< 0.021	< 0.021	< 0.022	< 0.023
Benzo(a)anthracene	0.1 [0.2]	< 0.037	< 0.034	< 0.037 J	< 0.034	< 0.034	< 0.037 J	< 0.034	< 0.034	< 0.035	< 0.037
Benzo(a)pyrene	0.1 [0.2]	< 0.039	< 0.036	< 0.039	< 0.036	< 0.036	< 0.039	< 0.036	< 0.036	< 0.037	< 0.039
Benzo(b)fluoranthene	0.2 [10]	< 0.018	< 0.017	< 0.019	< 0.017	< 0.017	< 0.019	< 0.017	< 0.017	< 0.018	< 0.019
Benzo(g,h,i)perylene	NS	< 0.013	< 0.012	< 0.013	< 0.012	< 0.012	< 0.013	< 0.012	< 0.012	< 0.012	< 0.013
Benzo(k)fluoranthene	0.5	< 0.02	< 0.019	< 0.021	< 0.019	< 0.019	< 0.021	< 0.019	< 0.019	< 0.02	< 0.021
Chrysene	5	< 0.019	< 0.018	< 0.02	< 0.018	< 0.018	< 0.02	< 0.018	< 0.018	< 0.019	< 0.019
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.022	< 0.02	< 0.022	< 0.02	< 0.02	< 0.022	< 0.02	< 0.021	< 0.021	< 0.022
Fluoranthene	300	< 0.01	< 0.0096	< 0.011	< 0.0096	< 0.0096	< 0.011	< 0.0096	< 0.0098	< 0.01	< 0.011
Fluorene	300	< 0.021	< 0.02	< 0.022	< 0.02	< 0.02	< 0.022	< 0.02	< 0.02	< 0.021	< 0.022
Hexachlorobenzene	0.02 [10]	< 0.011	< 0.0099	< 0.011	< 0.0099 J	< 0.0099 J	< 0.011	< 0.0099	< 0.01	< 0.01 J	< 0.011
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.016	< 0.014	< 0.016	< 0.014	< 0.014	< 0.016	< 0.014	< 0.015	< 0.015	< 0.016
Naphthalene	300	< 0.015	0.384	< 0.289 B	NA	3.49	< 0.24 B	< 0.014	< 0.014	< 0.015	< 0.015
Pentachlorophenol	0.3 [1]	< 0.24 J	< 0.23 J	< 0.25	< 0.22 J	< 0.22 J	< 0.25	< 0.22	< 0.23	< 0.23 J	< 0.25
Phenanthrene	NS	< 0.018	< 0.017	< 0.019	< 0.017	< 0.017	< 0.019	< 0.017	< 0.017	< 0.018	< 0.019
Pyrene	200	< 0.013	< 0.012	< 0.013	< 0.012	< 0.012	< 0.013	< 0.012	< 0.012	< 0.013	< 0.013
PCBs											
PCB 1016	0.5	< 0.1	< 0.1	< 0.094	< 0.094	< 0.094	< 0.094	< 0.094	< 0.1	< 0.1	< 0.1
PCB 1221	0.5	< 0.52	< 0.52	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.51	< 0.51	< 0.51
PCB 1232	0.5	< 0.43	< 0.43	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.42	< 0.42	< 0.42
PCB 1242	0.5	< 0.18	< 0.18	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.18	< 0.18	< 0.18
PCB 1248	0.5	< 0.17	< 0.17	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.17	< 0.17	< 0.17
PCB 1254	0.5	< 0.12	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12
PCB 1260	0.5	< 0.13	< 0.13	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.13 J	< 0.13	< 0.13
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0
Metals - Total											
Aluminum	200	< 24	< 24	**244**	34.6 B	34.9 B	**379**	< 24	< 24	< 24	< 24
Antimony	6	< 1.8 B	< 1.8 B	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Arsenic	3 [8]	**3.8**	2.9 B	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Barium	2000	246	18.7 B	1.9 B	174 B	183 B	99.1 B	< 1.1	< 1.1	< 1.1	< 1.1
Beryllium	1	0.2 B	0.3 B	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cadmium	4	1.6 B	3.6 B	< 0.28	0.3 B	0.5 B	0.6 B	< 0.28	< 0.28	< 0.28	< 0.28
Calcium	NS	71200	67900	11700 J	18400 J	19300 J	73900 J	< 31	116 B	38 BJ	< 31
Chromium	70	3.9 B	< 0.53	< 0.7 B	3.2 B	3.8 B	< 2 B	< 0.53	< 0.53	0.6 B	< 0.53
Cobalt	NS	< 0.51	5.4 B	< 0.51	1 B	1.3 B	50.4	< 0.51	< 0.51	< 0.51	< 0.51
Copper	1,300	< 2.5	< 2.5	< 2.5	3 B	< 2.5	8.9 B	< 2.5 B	< 2.5	< 2.5	< 2.5
Iron	300	**36400**	**9290**	< 186 B	**29700**	**28200**	**5240**	< 7.4	< 7.4	47 B	< 7.4
Lead	5	1.5 B	2.8 B	1.5 B	**5.4**	**6.6**	2.8 B	< 1.4	< 1.4	< 1.4	< 1.4
Magnesium	NS	11600	16900	4100 B	2070 BJ	2170 BJ	19700	< 24	< 24	< 24 J	< 24
Manganese	50	**6640**	**10200 J**	< 1.7 B	**307 J**	**323 J**	**658**	< 0.24	< 0.24	< 0.24 J	< 0.24
Mercury	2	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Nickel	100	< 1.2	< 1.2	< 1.2	2.8 B	3 B	< 15.5 B	< 1.2	< 1.2	< 1.2	< 1.2
Potassium	NS	55200	3080 B	882 B	1560 B	1610 B	5270 B	< 48	67.4 B	< 48	48.3 B
Selenium	40	9 B	4.8 B	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium	50,000	30000	9090 B	3770 B	2420 B	2530 B	15000	23.9 B	503 B	< 23	< 23
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Vanadium	NS	1 B	1.2 B	0.6 B	2.8 B	3.1 B	0.8 B	< 0.43	< 0.43	< 0.43	< 0.43
Zinc	2000	< 4	< 4	< 4	131	123	104	< 4	< 4	5.6 B	5 B

Table 5. Summary of Ground Water Analytical Result

Sample Location		RW-6	RW-6A	RW-7	SC-01	SC-01	SC-02	Field Blank	Field Blank	Field Blank	Field Blank
Sample ID	**GWQS[1]**	**RW-6(080502)**	**RW-6A(080502)**	**RW-7 (080505)**	**SC-1(080430)**	**DUP-01(080430) (SC-1)**	**SC-2 (080505)**	**FIELDBLANK(080428)**	**FIELDBLANK(080429)**	**FIELDBLANK(080430)**	**FIELD BLANK(080501)**
Sample Date		**5/2/2008**	**5/2/2008**	**5/5/2008**	**4/30/2008**	**4/30/2008**	**5/5/2008**	**4/28/2008**	**4/29/2008**	**4/30/2008**	**5/1/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
Metals - Dissolved											
Aluminum	200	< 24	< 24	< 24	< 24	< 24	< 24	NA	NA	NA	NA
Antimony	6	< 1.8 B	< 1.8 B	< 1.8	< 1.8	< 1.8	< 1.8	NA	NA	NA	NA
Arsenic	3 [8]	2.5 B	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	NA	NA	NA	NA
Barium	2000	154 B	14.3 B	1.1 B	160 B	152 B	89.3 B	NA	NA	NA	NA
Beryllium	1	< 0.15	0.2 B	< 0.15	< 0.15	< 0.15	< 0.15	NA	NA	NA	NA
Cadmium	4	1.5 B	3.3 B	< 0.28	< 0.28	< 0.28	0.4 B	NA	NA	NA	NA
Calcium	NS	65900	65800	11400	18100 J	17000 J	72300	NA	NA	NA	NA
Chromium	70	< 0.53	< 0.53	< 0.9 B	< 0.53	0.7 B	< 0.9 B	NA	NA	NA	NA
Cobalt	NS	< 0.51	5 B	< 0.51	0.8 B	0.7 B	50	NA	NA	NA	NA
Copper	1,300	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	NA	NA	NA	NA
Iron	300	**7550**	**331**	< 21 B	9.3 B	< 7.4	< 213 B	NA	NA	NA	NA
Lead	5	< 1.4	1.8 B	< 1.4	< 1.4	1.9 B	< 1.4	NA	NA	NA	NA
Magnesium	NS	10800	16300	3970 B	2070 BJ	1940 BJ	19300	NA	NA	NA	NA
Manganese	50	**6140**	**10000 J**	< 1 B	**303 J**	**284 J**	< 634 B	NA	NA	NA	NA
Mercury	2	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA	NA	NA	NA
Nickel	100	< 1.2	< 1.2	< 1.2	2.7 B	2.6 B	14.1 B	NA	NA	NA	NA
Potassium	NS	52000	2950 B	864 B	1510 B	1450 B	5140 B	NA	NA	NA	NA
Selenium	40	3.3 B	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA
Silver	40	< 1	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA
Sodium	50,000	28300	8850 B	3710 B	2400 B	2250 B	14800	NA	NA	NA	NA
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	NA	NA	NA	NA
Vanadium	NS	< 0.43	< 0.43	0.7 B	0.5 B	0.7 B	< 0.43	NA	NA	NA	NA
Zinc	2000	< 4	< 4	< 4	98.5	91.9	75.5	NA	NA	NA	NA
Other (mg/l)											
Alkalinity, Bicarbonate	NS	337	286	42.7	61.1	61.6	224	NA	NA	NA	NA
Alkalinity, Carbonate	NS	< 5	< 5	< 5	< 5	< 5	< 5	NA	NA	NA	NA
Alkalinity, total (as CaCO3)	NS	337	286	39.4	61.1	61.6	103	NA	NA	NA	NA
Cyanide	0.1	< 0.01	< 0.01	< 0.01	< 0.01 J	< 0.01 J	< 0.01	< 0.01	< 0.01	< 0.01 J	< 0.01
Nitrogen, Nitrate + Nitrite	NS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	NA	NA	NA	NA
Phosphorus, Total	NS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	NA	NA	NA
Chloride	250	4.6	2.3	< 2	< 2	< 2	32	NA	NA	NA	NA
Nitrate	10	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.21	NA	NA	NA	NA
Nitrogen, Nitrite	1	< 0.01	< 0.01	< 0.01 J	< 0.01	< 0.01	< 0.01 J	NA	NA	NA	NA
Sulfate	250	33.7	< 10	11.8	< 10	< 10	37.9	NA	NA	NA	NA

Footnotes on page 29.

Table 5. Summary of Ground Water Analytical Result

Sample Location		Field Blank	Field Blank	Field Blank	Field Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sample ID	**GWQS[1]**	**FIELD BLANK(080502)**	**FIELD BLANK (080505)**	**FIELDBLANK(080507)**	**FIELD BLANK(080509)**	**TRIPBLANK(080428)**	**TRIPBLANK(080429)**	**TRIPBLANK(080430)**	**TRIP BLANK(080501)**
Sample Date		**5/2/2008**	**5/5/2008**	**5/7/2008**	**5/9/2008**	**4/28/2008**	**4/29/2008**	**4/30/2008**	**5/2/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
VOCs									
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*	< 2.4*
1,2-Dibromoethane	0.03 [0.5]	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*	< 0.17*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18 J	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
cis-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.12	< 0.12	< 0.12 J	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Methyl acetate	7000	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Methyl tert butyl ether	70	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Xylenes	1,000	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	0	0	0	0	0	0	0	0

Table 5. Summary of Ground Water Analytical Result

Sample Location		Field Blank	Field Blank	Field Blank	Field Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sample ID	**GWQS[1]**	**FIELD BLANK(080502)**	**FIELD BLANK (080505)**	**FIELDBLANK(080507)**	**FIELD BLANK(080509)**	**TRIPBLANK(080428)**	**TRIPBLANK(080429)**	**TRIPBLANK(080430)**	**TRIP BLANK(080501)**
Sample Date		**5/2/2008**	**5/5/2008**	**5/7/2008**	**5/9/2008**	**4/28/2008**	**4/29/2008**	**4/30/2008**	**5/2/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs									
1,1'-Biphenyl	400	< 0.23 J	< 0.25	< 0.22	< 0.22	NA	NA	NA	NA
2,4,5-Trichlorophenol	700	< 1.1 J	< 1.2	< 1.1	< 1.1	NA	NA	NA	NA
2,4,6-Trichlorophenol	20	< 1 J	< 1.1	< 1	< 1	NA	NA	NA	NA
2,4-Dichlorophenol	20	< 1.5 J	< 1.6	< 1.4	< 1.4	NA	NA	NA	NA
2,4-Dimethylphenol	100	< 1.7 J	< 1.8	< 1.7	< 1.7	NA	NA	NA	NA
2,4-Dinitrophenol	40	< 1.1 J	< 1.2	< 1.1	< 1.1	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	< 0.56 J	< 0.6	< 0.54	< 0.54	NA	NA	NA	NA
2,6-Dinitrotoluene	NS	< 0.52 J	< 0.56	< 0.5	< 0.5	NA	NA	NA	NA
2-Chloronaphthalene	600	< 0.21 J	< 0.22	< 0.2	< 0.2	NA	NA	NA	NA
2-Chlorophenol	40	< 0.9 J	< 0.97	< 0.87	< 0.87	NA	NA	NA	NA
2-Methylnaphthalene	NS	< 0.79 J	< 0.85	< 0.76	< 0.76	NA	NA	NA	NA
2-Methylphenol	NS	< 1.1 J	< 1.2	< 1	< 1	NA	NA	NA	NA
2-Nitroaniline	NS	< 0.51 J	< 0.55	< 0.5	< 0.5	NA	NA	NA	NA
2-Nitrophenol	NS	< 1.5 J	< 1.7	< 1.5	< 1.5	NA	NA	NA	NA
3&4-Methylphenol	NS	< 1.1 J	< 1.2	< 1.1	< 1.1 J	NA	NA	NA	NA
3,3'-Dichlorobenzidine	30	< 1 J	< 1.1	< 0.97	< 0.97	NA	NA	NA	NA
3-Nitroaniline	NS	< 0.33 J	< 0.36	< 0.32	< 0.32	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NS	< 2.3 J	< 2.5	< 2.2	< 2.2	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	< 0.38 J	< 0.41	< 0.37	< 0.37	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NS	< 1.2 J	< 1.3	< 1.2	< 1.2	NA	NA	NA	NA
4-Chloroaniline	30	< 0.36 J	< 0.39 R	< 0.35	< 0.35	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	< 0.3 J	< 0.32	< 0.29	< 0.29	NA	NA	NA	NA
4-Nitroaniline	NS	< 0.61 J	< 0.66	< 0.59	< 0.59	NA	NA	NA	NA
4-Nitrophenol	NS	< 1.6 J	< 1.8	< 1.6	< 1.6	NA	NA	NA	NA
Acetophenone	700	< 0.37 J	< 0.4	< 0.36	< 0.36	NA	NA	NA	NA
Atrazine	3	< 0.29 J	< 0.31	< 0.28	< 0.28	NA	NA	NA	NA
Benzaldehyde	NS	< 0.78 J	< 0.85 J	< 0.76 J	< 0.76 R	NA	NA	NA	NA
Benzyl butyl phthalate	100	< 0.66 J	< 0.71	< 0.64	< 0.64	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	< 0.33 J	< 0.35	< 0.32	< 0.32	NA	NA	NA	NA
bis(2-Chloroethyl)ether	7	< 0.69 J	< 0.75	< 0.67	< 0.67	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	300	< 0.6 J	< 0.64	< 0.58	< 0.58	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	3	1.1 BJ	1.1 J	< 0.88	< 0.88	NA	NA	NA	NA
Caprolactam	NS	< 0.51 J	< 0.55	< 0.49	< 0.49	NA	NA	NA	NA
Carbazole	NS	< 0.41 J	< 0.44	< 0.4	< 0.4	NA	NA	NA	NA
Dibenzofuran	NS	< 0.24 J	< 0.25	< 0.23	< 0.23	NA	NA	NA	NA
Diethyl phthalate	6000	< 0.35 J	< 0.38	< 0.34	< 0.34	NA	NA	NA	NA
Dimethyl phthalate	NS	< 0.35 J	< 0.37	< 0.34	< 0.34	NA	NA	NA	NA
di-n-butyl phthalate	700	< 0.41 J	< 0.44	< 0.4	< 0.4	NA	NA	NA	NA
di-n-octylphthalate	100	< 0.49 J	< 0.53	< 0.48	< 0.48	NA	NA	NA	NA
Hexachlorobutadiene	1	< 0.13 J	< 0.14	< 0.13	< 0.13	NA	NA	NA	NA
Hexachlorocyclopentadiene	40	< 0.11 J	< 0.11	< 0.1	< 0.1	NA	NA	NA	NA
Hexachloroethane	7	< 0.17 J	< 0.18	< 0.16	< 0.16	NA	NA	NA	NA
Isophrone	40	< 0.5 J	< 0.54	< 0.49	< 0.49	NA	NA	NA	NA
Naphthalene	300	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	6	< 0.73 J	< 0.78	< 0.71	< 0.71	NA	NA	NA	NA
N-Nitroso-di-n-Propylamine	10	< 0.39 J	< 0.42	< 0.38	< 0.38	NA	NA	NA	NA
N-Nitrosodiphenylamine	10	< 0.43 J	< 0.46	< 0.41	< 0.41	NA	NA	NA	NA
Phenol	2000	< 0.7 J	< 0.76	< 0.68	< 0.68	NA	NA	NA	NA
Total TIC, Semi-Volatile	NS	0	0	0	0	NA	NA	NA	NA

Table 5. Summary of Ground Water Analytical Result

Sample Location		Field Blank	Field Blank	Field Blank	Field Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sample ID	**GWQS[1]**	**FIELD BLANK(080502)**	**FIELD BLANK (080505)**	**FIELDBLANK(080507)**	**FIELD BLANK(080509)**	**TRIPBLANK(080428)**	**TRIPBLANK(080429)**	**TRIPBLANK(080430)**	**TRIP BLANK(080501)**
Sample Date		**5/2/2008**	**5/5/2008**	**5/7/2008**	**5/9/2008**	**4/28/2008**	**4/29/2008**	**4/30/2008**	**5/2/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
SVOCs BY SIM									
Acenaphthene	400	< 0.016	< 0.018	< 0.016	< 0.016	NA	NA	NA	NA
Acenaphthylene	NS	< 0.0072	< 0.0078	< 0.007	< 0.007	NA	NA	NA	NA
Anthracene	2000	< 0.022	< 0.023	< 0.021	< 0.021	NA	NA	NA	NA
Benzo(a)anthracene	0.1 [0.2]	< 0.035	< 0.037 J	< 0.034 R	< 0.034	NA	NA	NA	NA
Benzo(a)pyrene	0.1 [0.2]	< 0.037	< 0.039	< 0.036	< 0.036	NA	NA	NA	NA
Benzo(b)fluoranthene	0.2 [10]	< 0.018	< 0.019	< 0.017	< 0.017	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	< 0.012	< 0.013	< 0.012	< 0.012	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	< 0.019	< 0.021	< 0.019	< 0.019	NA	NA	NA	NA
Chrysene	5	< 0.018	< 0.02	< 0.018	< 0.018	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.3 [0.5]	< 0.021	< 0.022	< 0.02	< 0.02	NA	NA	NA	NA
Fluoranthene	300	< 0.0099	< 0.011	< 0.0096	< 0.0096	NA	NA	NA	NA
Fluorene	300	< 0.02	< 0.022	< 0.02	< 0.02	NA	NA	NA	NA
Hexachlorobenzene	0.02 [10]	< 0.01	< 0.011	< 0.0099	< 0.0099	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.2 [10]	< 0.015	< 0.016	< 0.014	< 0.014	NA	NA	NA	NA
Naphthalene	300	< 0.014	0.247	< 0.014	0.547	NA	NA	NA	NA
Pentachlorophenol	0.3 [1]	< 0.23	< 0.25	< 0.22 R	< 0.22	NA	NA	NA	NA
Phenanthrene	NS	< 0.018	< 0.019	< 0.017	< 0.017	NA	NA	NA	NA
Pyrene	200	< 0.012	< 0.013	< 0.012	< 0.012	NA	NA	NA	NA
PCBs									
PCB 1016	0.5	< 0.094	< 0.094	< 0.1	< 0.094	NA	NA	NA	NA
PCB 1221	0.5	< 0.47	< 0.47	< 0.51	< 0.47	NA	NA	NA	NA
PCB 1232	0.5	< 0.39	< 0.39	< 0.42	< 0.39	NA	NA	NA	NA
PCB 1242	0.5	< 0.16	< 0.16	< 0.18	< 0.16	NA	NA	NA	NA
PCB 1248	0.5	< 0.15	< 0.15	< 0.17	< 0.15	NA	NA	NA	NA
PCB 1254	0.5	< 0.11	< 0.11	< 0.12	< 0.11	NA	NA	NA	NA
PCB 1260	0.5	< 0.12	< 0.12	< 0.13	< 0.12	NA	NA	NA	NA
Total PCBs	0.5	0	0	0	0	NA	NA	NA	NA
Metals - Total									
Aluminum	200	< 24	< 24	< 24	< 24	NA	NA	NA	NA
Antimony	6	2.4 B	< 1.8	< 1.8	< 1.8	NA	NA	NA	NA
Arsenic	3 [8]	< 1.7	< 1.7	< 1.7	1.8 B	NA	NA	NA	NA
Barium	2000	< 1.1	< 1.1	< 1.1	< 1.1	NA	NA	NA	NA
Beryllium	1	< 0.15	< 0.15	< 0.15	< 0.15	NA	NA	NA	NA
Cadmium	4	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	NA	NA
Calcium	NS	< 31	< 31 J	< 31	< 31	NA	NA	NA	NA
Chromium	70	< 0.53	5.2 B	< 0.53	< 0.53	NA	NA	NA	NA
Cobalt	NS	< 0.51	< 0.51	< 0.51	< 0.51	NA	NA	NA	NA
Copper	1,300	< 2.5	< 2.5	< 2.5	< 2.5	NA	NA	NA	NA
Iron	300	< 7.4	84.1 B	< 7.4	11.7 B	NA	NA	NA	NA
Lead	5	< 1.4	< 1.4	< 1.4	< 1.4	NA	NA	NA	NA
Magnesium	NS	< 24	< 24	< 24	< 24	NA	NA	NA	NA
Manganese	50	< 0.24	1.2 B	< 0.24	< 0.24	NA	NA	NA	NA
Mercury	2	< 0.15	< 0.15	< 0.15	< 0.15	NA	NA	NA	NA
Nickel	100	< 1.2	6.6 B	< 1.2	< 1.2	NA	NA	NA	NA
Potassium	NS	< 48	< 48	< 48	< 48	NA	NA	NA	NA
Selenium	40	< 1.6	< 1.6	1.8 B	< 1.6	NA	NA	NA	NA
Silver	40	< 1	< 1	< 1	< 1	NA	NA	NA	NA
Sodium	50,000	< 23	< 23	< 23	40.5 B	NA	NA	NA	NA
Thallium	2 [10]	< 1.3	< 1.3	< 1.3	< 1.3	NA	NA	NA	NA
Vanadium	NS	< 0.43	< 0.43	< 0.43	< 0.43	NA	NA	NA	NA
Zinc	2000	4 B	< 4	< 4	8.1 B	NA	NA	NA	NA

Table 5. Summary of Ground Water Analytical Result

Sample Location		Field Blank	Field Blank	Field Blank	Field Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sample ID	**GWQS[1]**	**FIELD BLANK(080502)**	**FIELD BLANK (080505)**	**FIELDBLANK(080507)**	**FIELD BLANK(080509)**	**TRIPBLANK(080428)**	**TRIPBLANK(080429)**	**TRIPBLANK(080430)**	**TRIP BLANK(080501)**
Sample Date		**5/2/2008**	**5/5/2008**	**5/7/2008**	**5/9/2008**	**4/28/2008**	**4/29/2008**	**4/30/2008**	**5/2/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
Metals - Dissolved									
Aluminum	200	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	6	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	3 [8]	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2000	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	1	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	4	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NS	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	70	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NS	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1,300	NA	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NS	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	2	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	100	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	40	NA	NA	NA	NA	NA	NA	NA	NA
Silver	40	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	50,000	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	2 [10]	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NS	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	2000	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/l)									
Alkalinity, Bicarbonate	NS	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity, Carbonate	NS	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity, total (as CaCO3)	NS	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.1	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA
Nitrogen, Nitrate + Nitrite	NS	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus, Total	NS	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	250	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate	10	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrite	1	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	250	NA	NA	NA	NA	NA	NA	NA	NA

Footnotes on page 29.

Table 5. Summary of Ground Water Analytical Result

Sample Location		Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sample ID	**GWQS[1]**	**TRIP BLANK (080505)**	**TRIPBLANK-080507**	**TRIPBLANK(080507)**	**TRIP BLANK(080509)**
Sample Date		**5/5/2008**	**5/6/2008**	**5/7/2008**	**5/9/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**
VOCs					
1,1,1-Trichloroethane	30	< 0.24	< 0.24	< 0.24	< 0.24
1,1,2,2-Tetrachloroethane	1	< 0.13	< 0.13	< 0.13	< 0.13
1,1,2-Trichloroethane	3	< 0.17	< 0.17	< 0.17	< 0.17
1,1-Dichloroethane	50	< 0.16	< 0.16	< 0.16	< 0.16
1,1-Dichloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29
1,2,4-Trichlorobenzene	9	< 1.3	< 1.3	< 1.3	< 1.3
1,2-Dibromo-3-Chloropropane (DBCP)	0.02 [1]	< 2.4*	< 2.4*	< 2.4*	< 2.4*
1,2-Dibromoethane	0.03 [0.5]	< 0.17*	< 0.17*	< 0.17*	< 0.17*
1,2-Dichlorobenzene	600	< 0.18	< 0.18	< 0.18	< 0.18
1,2-Dichloroethane	2	< 0.35	< 0.35	< 0.35	< 0.35
1,2-Dichloropropane	1	< 0.18	< 0.18	< 0.18	< 0.18
1,3-Dichlorobenzene	600	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	75	< 0.32	< 0.32	< 0.32	< 0.32
2-Butanone (MEK)	300	< 2.3	< 2.3	< 2.3	< 2.3
2-Hexanone	NS	< 1.7	< 1.7	< 1.7	< 1.7
4-methyl-2-pentanone (MIBK)	NS	< 1.9	< 1.9	< 1.9	< 1.9
Acetone	6000	< 2.1	< 2.1	< 2.1	< 2.1
Benzene	1	< 0.26	< 0.26	< 0.26	< 0.26
Bromodichloromethane	1	< 0.14	< 0.14	< 0.14	< 0.14
Bromoform	4	< 0.18	< 0.18	< 0.18	< 0.18
Bromomethane	10	< 0.32	< 0.32	< 0.32	< 0.32
Carbon disulfide	700	< 0.15	< 0.15	< 0.15	< 0.15
Carbon tetrachloride	1	< 0.18	< 0.18	< 0.18	< 0.18
Chlorobenzene	50	< 0.14	< 0.14	< 0.14	< 0.14
Chloroethane	NS	< 0.22	< 0.22	< 0.22	< 0.22
Chloroform	70	< 0.16	< 0.16	< 0.16	< 0.16
Chloromethane	NS	< 0.29	< 0.29	< 0.29	< 0.29
cis-1,2-Dichloroethene	70	< 0.19	< 0.19	< 0.19	< 0.19
cis-1,3-Dichloropropene	NS	< 0.15	< 0.15	< 0.15	< 0.15
Cyclohexane	NS	< 0.85	< 0.85	< 0.85	< 0.85
Dibromochloromethane	1	< 0.12	< 0.12	< 0.12 J	< 0.12
Dichlorodifluoromethane	1,000	< 0.88	< 0.88	< 0.88	< 0.88
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 0.27
Freon 113	NS	< 0.8	< 0.8	< 0.8	< 0.8
Isopropylbenzene	700	< 0.15	< 0.15	< 0.15	< 0.15
Methyl acetate	7000	< 2.5	< 2.5	< 2.5	< 2.5
Methyl tert butyl ether	70	< 0.14	< 0.14	< 0.14	< 0.14
Methylcyclohexane	NS	< 0.11	< 0.11	< 0.11	< 0.11
Methylene chloride	3	< 0.16	< 0.16	< 0.16	< 0.16
o-Xylene	NS	< 0.45	< 0.45	< 0.45	< 0.45
Styrene	100	< 0.11	< 0.11	< 0.11	< 0.11
Tetrachloroethene	1	< 0.29	< 0.29	< 0.29	< 0.29
Toluene	1000	< 0.15	< 0.15	< 0.15	< 0.15
Trans-1,2-dichloroethene	100	< 0.16	< 0.16	< 0.16	< 0.16
trans-1,3-Dichloropropene	NS	< 0.11	< 0.11	< 0.11	< 0.11
Trichloroethene	1	< 0.18	< 0.18	< 0.18	< 0.18
Trichlorofluoromethane	2000	< 0.25	< 0.25	< 0.25	< 0.25
Vinyl Chloride	1	< 0.21	< 0.21	< 0.21	< 0.21
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	< 0.39
Xylenes	1,000	< 0.39	< 0.39	< 0.39	< 0.39
Total TIC, Volatile	NS	0	0	0	0

Table 5. Summary of Ground Water Analytical Result

Sample Location		Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sample ID	**GWQS[1]**	**TRIP BLANK (080505)**	**TRIPBLANK-080507**	**TRIPBLANK(080507)**	**TRIP BLANK(080509)**
Sample Date		**5/5/2008**	**5/6/2008**	**5/7/2008**	**5/9/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**
SVOCs					
1,1'-Biphenyl	400	NA	NA	NA	NA
2,4,5-Trichlorophenol	700	NA	NA	NA	NA
2,4,6-Trichlorophenol	20	NA	NA	NA	NA
2,4-Dichlorophenol	20	NA	NA	NA	NA
2,4-Dimethylphenol	100	NA	NA	NA	NA
2,4-Dinitrophenol	40	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NA	NA	NA	NA
2,6-Dinitrotoluene	NS	NA	NA	NA	NA
2-Chloronaphthalene	600	NA	NA	NA	NA
2-Chlorophenol	40	NA	NA	NA	NA
2-Methylnaphthalene	NS	NA	NA	NA	NA
2-Methylphenol	NS	NA	NA	NA	NA
2-Nitroaniline	NS	NA	NA	NA	NA
2-Nitrophenol	NS	NA	NA	NA	NA
3&4-Methylphenol	NS	NA	NA	NA	NA
3,3'-Dichlorobenzidine	30	NA	NA	NA	NA
3-Nitroaniline	NS	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NS	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NS	NA	NA	NA	NA
4-Chloroaniline	30	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	NA	NA	NA	NA
4-Nitroaniline	NS	NA	NA	NA	NA
4-Nitrophenol	NS	NA	NA	NA	NA
Acetophenone	700	NA	NA	NA	NA
Atrazine	3	NA	NA	NA	NA
Benzaldehyde	NS	NA	NA	NA	NA
Benzyl butyl phthalate	100	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NA	NA	NA	NA
bis(2-Chloroethyl)ether	7	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	300	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	3	NA	NA	NA	NA
Caprolactam	NS	NA	NA	NA	NA
Carbazole	NS	NA	NA	NA	NA
Dibenzofuran	NS	NA	NA	NA	NA
Diethyl phthalate	6000	NA	NA	NA	NA
Dimethyl phthalate	NS	NA	NA	NA	NA
di-n-butyl phthalate	700	NA	NA	NA	NA
di-n-octylphthalate	100	NA	NA	NA	NA
Hexachlorobutadiene	1	NA	NA	NA	NA
Hexachlorocyclopentadiene	40	NA	NA	NA	NA
Hexachloroethane	7	NA	NA	NA	NA
Isophrone	40	NA	NA	NA	NA
Naphthalene	300	NA	NA	NA	NA
Nitrobenzene	6	NA	NA	NA	NA
N-Nitroso-di-n-Propylamine	10	NA	NA	NA	NA
N-Nitrosodiphenylamine	10	NA	NA	NA	NA
Phenol	2000	NA	NA	NA	NA
Total TIC, Semi-Volatile	NS	NA	NA	NA	NA

Table 5. Summary of Ground Water Analytical Result

Sample Location		Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sample ID	**GWQS[1]**	**TRIP BLANK (080505)**	**TRIPBLANK-080507**	**TRIPBLANK(080507)**	**TRIP BLANK(080509)**
Sample Date		**5/5/2008**	**5/6/2008**	**5/7/2008**	**5/9/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**
SVOCs BY SIM					
Acenaphthene	400	NA	NA	NA	NA
Acenaphthylene	NS	NA	NA	NA	NA
Anthracene	2000	NA	NA	NA	NA
Benzo(a)anthracene	0.1 [0.2]	NA	NA	NA	NA
Benzo(a)pyrene	0.1 [0.2]	NA	NA	NA	NA
Benzo(b)fluoranthene	0.2 [10]	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	NA	NA	NA	NA
Chrysene	5	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.3 [0.5]	NA	NA	NA	NA
Fluoranthene	300	NA	NA	NA	NA
Fluorene	300	NA	NA	NA	NA
Hexachlorobenzene	0.02 [10]	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.2 [10]	NA	NA	NA	NA
Naphthalene	300	NA	NA	NA	NA
Pentachlorophenol	0.3 [1]	NA	NA	NA	NA
Phenanthrene	NS	NA	NA	NA	NA
Pyrene	200	NA	NA	NA	NA
PCBs					
PCB 1016	0.5	NA	NA	NA	NA
PCB 1221	0.5	NA	NA	NA	NA
PCB 1232	0.5	NA	NA	NA	NA
PCB 1242	0.5	NA	NA	NA	NA
PCB 1248	0.5	NA	NA	NA	NA
PCB 1254	0.5	NA	NA	NA	NA
PCB 1260	0.5	NA	NA	NA	NA
Total PCBs	0.5	NA	NA	NA	NA
Metals - Total					
Aluminum	200	NA	NA	NA	NA
Antimony	6	NA	NA	NA	NA
Arsenic	3 [8]	NA	NA	NA	NA
Barium	2000	NA	NA	NA	NA
Beryllium	1	NA	NA	NA	NA
Cadmium	4	NA	NA	NA	NA
Calcium	NS	NA	NA	NA	NA
Chromium	70	NA	NA	NA	NA
Cobalt	NS	NA	NA	NA	NA
Copper	1,300	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA
Magnesium	NS	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA
Mercury	2	NA	NA	NA	NA
Nickel	100	NA	NA	NA	NA
Potassium	NS	NA	NA	NA	NA
Selenium	40	NA	NA	NA	NA
Silver	40	NA	NA	NA	NA
Sodium	50,000	NA	NA	NA	NA
Thallium	2 [10]	NA	NA	NA	NA
Vanadium	NS	NA	NA	NA	NA
Zinc	2000	NA	NA	NA	NA

Table 5. Summary of Ground Water Analytical Result

Sample Location		Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sample ID	**GWQS[1]**	**TRIP BLANK (080505)**	**TRIPBLANK-080507**	**TRIPBLANK(080507)**	**TRIP BLANK(080509)**
Sample Date		**5/5/2008**	**5/6/2008**	**5/7/2008**	**5/9/2008**
Validation Status		**Final**	**Final**	**Final**	**Final**
Metals - Dissolved					
Aluminum	200	NA	NA	NA	NA
Antimony	6	NA	NA	NA	NA
Arsenic	3 [8]	NA	NA	NA	NA
Barium	2000	NA	NA	NA	NA
Beryllium	1	NA	NA	NA	NA
Cadmium	4	NA	NA	NA	NA
Calcium	NS	NA	NA	NA	NA
Chromium	70	NA	NA	NA	NA
Cobalt	NS	NA	NA	NA	NA
Copper	1,300	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA
Magnesium	NS	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA
Mercury	2	NA	NA	NA	NA
Nickel	100	NA	NA	NA	NA
Potassium	NS	NA	NA	NA	NA
Selenium	40	NA	NA	NA	NA
Silver	40	NA	NA	NA	NA
Sodium	50,000	NA	NA	NA	NA
Thallium	2 [10]	NA	NA	NA	NA
Vanadium	NS	NA	NA	NA	NA
Zinc	2000	NA	NA	NA	NA
Other (mg/l)					
Alkalinity, Bicarbonate	NS	NA	NA	NA	NA
Alkalinity, Carbonate	NS	NA	NA	NA	NA
Alkalinity, total (as CaCO3)	NS	NA	NA	NA	NA
Cyanide	0.1	NA	NA	NA	NA
Nitrogen, Nitrate + Nitrite	NS	NA	NA	NA	NA
Phosphorus, Total	NS	NA	NA	NA	NA
Chloride	250	NA	NA	NA	NA
Nitrate	10	NA	NA	NA	NA
Nitrogen, Nitrite	1	NA	NA	NA	NA
Sulfate	250	NA	NA	NA	NA

Footnotes on page 29.

Table 1. Summary of Ground Water Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Results are presented in micrograms per liter (ug/L) unless otherwise noted.

mg/l	Milligrams per liter.
<	Not detected.
NA	Not analyzed.
NS	No standard.
B	Organic: analyte found in associated method blank.
B	Inorganic: estimated result is between the detection limit and quantification limit.
J	Estimated result.
R	Rejected data.
[1]	Ground Water Quality Standards (GWQS), Class IIA, as specified in New Jersey Administrative Code (N.J.A.C). 7:9-6, current 2005 and interim criteria, select 2004 criteria are presented in [ ].
Bold	Value is above the Ground Water Quality Standard
*	Detection limit is above the 2005 GWQS standard.

Table 6. Historical Well Sampling Results
OB Wells - Ringwood Mines/Landfill Site

Well		OB-01						
Sample Name	**GWQS[1]**	**OB-1**	**OB-1**	**OB-1**	**OB-1**	**OB-1**	**OB-1**	**OB-1**
Sample Date		**8/2/1984**	**11/1/2004**	**12/30/2004**	**9/26/2006**	**4/6/2007**	**10/9/2007**	**4/30/2008**
VOC								
Benzene	1	< 10	< 1	< 0.31	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 10	< 1	< 0.27	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	< 10	< 1	< 0.14	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	< 1	< 0.36	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	< 1	< 0.17	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	< 1	< 0.17	< 0.31	< 0.31	< 0.2	<0.39
PCBs								
PCB 1016	0.5	< 0.5	< 0.5	< 0.075	< 0.094	< 0.1	< 0.094	< 0.1
PCB 1221	0.5	< 0.5	< 0.5	< 0.085	< 0.47	< 0.5	< 0.47	< 0.5
PCB 1232	0.5	< 0.5	< 0.5	< 0.12	< 0.39	< 0.41	< 0.39	< 0.41
PCB 1242	0.5	< 0.5	< 0.5	< 0.13	< 0.16	< 0.17	< 0.16	< 0.17
PCB 1248	0.5	< 0.5	< 0.5	< 0.072	< 0.15	< 0.16	< 0.15	< 0.16
PCB 1254	0.5	< 0.5	< 0.5	< 0.072	< 0.11	< 0.12	< 0.11	< 0.12
PCB 1260	0.5	< 0.5	< 0.5	< 0.1	< 0.12	< 0.12	< 0.12	< 0.12
Total PCBs		0	0	0	0	0	0	0
Metals -Total								
Arsenic	3	< 5	< 5	< 5	< 1.5 J	< 1.5	< 1.1	<1.7
Iron	300	**1100**	< 100	**869**	155	80.3 B	201	**649**
Lead	5	< 50	< 3	< 3	< 2.6	< 2.8	< 0.94	<1.4
Manganese	50	**120**	< 15	< 15	2.9 BJ	1.4 B	2.4 B	2.6 BJ
Metals -Dissolved								
Arsenic	3	NA	< 5	< 5	1.8 BJ	< 1.5	< 1.1	<1.7
Iron	300	NA	< 100	< 100	< 67	< 25	< 6.3	12.5B
Lead	5	NA	< 3	< 3	< 2.6	< 2.8	< 0.94	<1.4
Manganese	50	NA	< 15	< 15	3.7 BJ	1.1 B	< 0.17	1.9 BJ

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-02						
Sample Name	**GWQS[1]**	**OB-2**	**OB-2**	**OB-2**	**OB-2**	**OB-2**	**OB-2**	**OB-2**
Sample Date		**8/2/1984**	**6/16/1986**	**10/13/2004**	**10/2/2006**	**4/6/2007**	**10/8/2007**	**4/28/2008**
VOC								
Benzene	1	< 10	< 10	< 0.5	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 10	< 10	< 0.5	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	< 10	< 10	< 0.5	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	NA	NA	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	NA	< 1	< 0.31	< 0.31	< 0.2	<0.39
PCBs								
PCB 1016	0.5	< 0.5	NA	< 0.075 J	< 0.094	< 0.094	< 0.1	< 0.1
PCB 1221	0.5	< 0.5	NA	< 0.085	< 0.47	< 0.47	< 0.51	< 0.5
PCB 1232	0.5	< 0.5	NA	< 0.12	< 0.39	< 0.39	< 0.42	< 0.41
PCB 1242	0.5	< 0.5	NA	< 0.13	< 0.16	< 0.16	< 0.18	< 0.17
PCB 1248	0.5	< 0.5	NA	< 0.072	< 0.15	< 0.15	< 0.16	< 0.16
PCB 1254	0.5	< 0.5	NA	< 0.072	< 0.11	< 0.11	< 0.12	< 0.12
PCB 1260	0.5	< 0.5	NA	< 0.1	< 0.12	< 0.12	< 0.13	< 0.12
Total PCBs		0	NA	0	0	0	0	0
Metals -Total								
Arsenic	3	< 5	< 2	< 5	< 1.5	< 1.5	< 1.1	<1.7
Iron	300	**4600**	NA	156	95.8 B	< 25	200 J	38.6 B
Lead	5	< 50	< 50	< 3	< 2.6	3.2	< 0.94	1.8 B
Manganese	50	**440**	NA	< 15	1.5 B	0.72 B	8.7 BJ	1.3 B
Metals -Dissolved								
Arsenic	3	NA	NA	< 5	2	< 1.5	< 1.1	<1.7
Iron	300	NA	NA	< 100	67.3 B	< 25	14.9 BJ	8.8 BJ
Lead	5	NA	NA	< 3	< 2.6	< 2.8	< 0.94	<1.4
Manganese	50	NA	NA	< 15	1.5 B	0.83 B	3.3 BJ	0.5 B

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-03										
Sample Name	**GWQS[1]**	**OB-3**	**OB-3**	**OB-3**	**OB-3**	**OB-3**	**OB-3**	**OB-3**	**OB-3**	**OB-3**	**OB-3**	**OB-3**
Sample Date		**8/2/1984**	**6/16/1986**	**10/30/1989**	**1/30/1990**	**4/24/1990**	**7/24/1990**	**10/13/2004**	**9/28/2006**	**4/3/2007**	**10/8/2007**	**4/28/2008**
VOC												
Benzene	1	< 10	< 10	< 2	< 2	< 2	< 2	< 0.5	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 10	< 10	< 2	< 2	< 2	< 2	< 0.5	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	< 10	< 10	< 2	< 2	< 2	< 2	< 0.5	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	< 2	< 2	< 2	< 2	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	NA	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	NA	< 2	< 2	< 2	< 2	NA	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	NA	NA	NA	NA	NA	< 1	< 0.31	< 0.31	< 0.2	<0.39
PCBs												
PCB 1016	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.075	< 0.098	< 0.11	< 0.1	< 0.099
PCB 1221	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.085	< 0.49	< 0.53	< 0.5	< 0.49
PCB 1232	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.12	< 0.41	< 0.44	< 0.41	< 0.41
PCB 1242	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.13	< 0.17	< 0.18	< 0.17	< 0.17
PCB 1248	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.072	< 0.16	< 0.17	< 0.16	< 0.16
PCB 1254	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.072	< 0.11	< 0.12	< 0.12	< 0.11
PCB 1260	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.1 J	< 0.12	< 0.13	< 0.12	< 0.12
Total PCBs		0	NA	NA	NA	NA	NA	0	0	0	0	0
Metals -Total												
Arsenic	3	< 5	< 2	< 2	< 2	< 5	< 5	< 5	< 1.5	< 1.5	< 1.1	<1.7
Iron	300	**9300**	NA	**35600 JMt**	**750**	**124000**	**17000**	**2000**	**1540**	250	**1860 J**	**1710**
Lead	5	< 50	< 50	< 5	< 5	< 5	< 5	< 3	< 2.6	< 2.8	< 0.94	<1.4
Manganese	50	**140**	NA	**117**	< 10	**58**	**69**	16	8.3 B	2 B	9 BJ	10.2 B
Metals -Dissolved												
Arsenic	3	NA	NA	NA	NA	NA	NA	< 5	< 1.5	< 1.5	< 1.1	<1.7
Iron	300	NA	NA	NA	NA	NA	NA	< 100	81.1 B	96 B	47.7 BJ	91.1 B
Lead	5	NA	NA	NA	NA	NA	NA	< 3	< 2.6	< 2.8	< 0.94	<1.4
Manganese	50	NA	NA	NA	NA	NA	NA	< 15	3.8 BJ	2.1 B	6.5 BJ	9.4 B

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-04						
Sample Name	**GWQS[1]**	**OB-4**	**OB-4**	**OB-4**	**OB-4**	**OB-4**	**OB-4**	**OB-4**
Sample Date		**8/2/1984**	**6/16/1986**	**10/14/2004**	**9/29/2006**	**4/6/2007**	**10/9/2007**	**4/28/2008**
VOC								
Benzene	1	< 10	< 10	< 0.5	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 10	< 10	< 0.5	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	< 10	< 10	< 0.5	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	NA	NA	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	NA	< 1	< 0.31	< 0.31	< 0.2	<0.39
PCBs								
PCB 1016	0.5	< 0.5	NA	< 0.084	< 0.1	< 0.094	< 0.1	< 0.094
PCB 1221	0.5	< 0.5	NA	< 0.094	< 0.52	< 0.47	< 0.52	< 0.47
PCB 1232	0.5	< 0.5	NA	< 0.14	< 0.43	< 0.39	< 0.43	< 0.39
PCB 1242	0.5	< 0.5	NA	< 0.15	< 0.18	< 0.16	< 0.18	< 0.16
PCB 1248	0.5	< 0.5	NA	< 0.08	< 0.17	< 0.15	< 0.17	< 0.15
PCB 1254	0.5	< 0.5	NA	< 0.08	< 0.12	< 0.11	< 0.12	< 0.11
PCB 1260	0.5	< 0.5	NA	< 0.11	< 0.13	< 0.12	< 0.13	< 0.12
Total PCBs		0	NA	0	0	0	0	0
Metals -Total								
Arsenic	3	< 5	< 2	< 5	< 1.5	< 1.5	< 1.1	<1.7
Iron	300	**33000**	NA	**7070**	**8480**	**19400**	**5700**	**3770**
Lead	5	< 50	< 50	< 3	< 2.6	4.1	< 0.94	1.6 B
Manganese	50	**4100**	NA	**2720 J**	**2390**	**2100**	**1820**	**1840**
Metals -Dissolved								
Arsenic	3	NA	NA	< 5	< 1.5	< 1.5	< 1.1	<1.7
Iron	300	NA	NA	**6080**	**6380**	**18000**	**675**	11 B
Lead	5	NA	NA	< 3	< 2.6	< 2.8	< 0.94	<1.4
Manganese	50	NA	NA	**2720 J**	**2370**	**2070**	**1870**	**1840**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-05						
Sample Name	**GWQS[1]**	**OB-5**	**OB-5**	**OB-5**	**OB-5**	**OB-5**	**OB-5**	**OB-5**
Sample Date		**8/2/1984**	**6/13/1986**	**10/15/2004**	**10/2/2006**	**4/4/2007**	**10/9/2007**	**4/28/2008**
VOC								
Benzene	1	< 10	< 10	< 0.5	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 10	< 10	< 0.5	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	< 10	< 10	< 0.5	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	NA	NA	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	NA	< 1	< 0.31	< 0.31	< 0.2	<0.39
PCBs								
PCB 1016	0.5	< 0.5	NA	< 0.075	< 0.099	< 0.1	< 0.1	< 0.1
PCB 1221	0.5	< 0.5	NA	< 0.085	< 0.49	< 0.51	< 0.51	< 0.5
PCB 1232	0.5	< 0.5	NA	< 0.12	< 0.41	< 0.42	< 0.42	< 0.41
PCB 1242	0.5	< 0.5	NA	< 0.13	< 0.17	< 0.18	< 0.18	< 0.17
PCB 1248	0.5	< 0.5	NA	< 0.072	< 0.16	< 0.17	< 0.16	< 0.16
PCB 1254	0.5	< 0.5	NA	< 0.072	< 0.11	< 0.12	< 0.12	< 0.12
PCB 1260	0.5	< 0.5	NA	< 0.1	< 0.12	< 0.13	< 0.13	< 0.12
Total PCBs		0	NA	0	0	0	0	0
Metals -Total								
Arsenic	3	< 5	< 2	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	**31000**	NA	**20500**	**24600**	**27900**	**20900**	**29300**
Lead	5	< 50	< 50	< 3	< 2.6	< 2.8	< 0.94	1.5 B
Manganese	50	**1100**	NA	**1490**	**2970**	**2020**	**1500**	**2100**
Metals -Dissolved								
Arsenic	3	NA	NA	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	NA	NA	**17100**	**20700**	**24900**	**5100**	**16300**
Lead	5	NA	NA	< 3	2.6 B	< 2.8	< 0.94	1.4 B
Manganese	50	NA	NA	**1520**	**2730**	**1960**	**1530**	**2110**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-06							
Sample Name	**GWQS[1]**	**OB-6**	**OB-6 (DUP)**	**OB-6**	**OB-6**	**OB-6**	**OB-6**	**OB-6**	**OB-6**
Sample Date		**8/2/1984**	**8/2/1984**	**11/2/2004**	**12/30/2004**	**9/26/2006**	**4/6/2007**	**10/9/2007**	**5/1/2008**
VOC									
Benzene	1	< 10	NA	< 0.31	< 0.31	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 10	NA	< 0.27	< 0.27	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	< 10	NA	< 0.14	< 0.14	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	< 0.36	< 0.36	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	NA	< 0.17	< 0.17	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	NA	< 0.17	< 0.17	< 0.31	< 0.31	< 0.2	<0.39
PCBs									
PCB 1016	0.5	< 0.5	NA	< 0.075	< 0.075	< 0.1	< 0.11	< 0.094	< 0.11
PCB 1221	0.5	< 0.5	NA	< 0.085	< 0.085	< 0.52	< 0.53	< 0.47	< 0.53
PCB 1232	0.5	< 0.5	NA	< 0.12	< 0.12	< 0.43	< 0.44	< 0.39	< 0.44
PCB 1242	0.5	< 0.5	NA	< 0.13	< 0.13	< 0.18	< 0.19	< 0.16	< 0.19
PCB 1248	0.5	< 0.5	NA	< 0.072	< 0.072	< 0.17	< 0.17	< 0.15	< 0.17
PCB 1254	0.5	< 0.5	NA	< 0.072	< 0.072	< 0.12	< 0.12	< 0.11	< 0.12
PCB 1260	0.5	< 0.5	NA	< 0.1	< 0.1	< 0.13	< 0.13	< 0.12	< 0.13
Total PCBs		0	NA	0	0	0	0	0	0
Metals -Total									
Arsenic	3	< 5	< 5	< 5	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	**3700**	**4100**	**30900**	**2290**	**4180**	**910**	**2090**	**2210**
Lead	5	< 50	NA	< 3	< 3	< 2.6	< 2.8	< 0.94	< 1.4
Manganese	50	**90**	**90**	**2040**	**1770**	**2480**	**1910**	**3000**	**2160**
Metals -Dissolved									
Arsenic	3	NA	NA	< 5	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	NA	NA	**24900**	**2180**	**3190**	**708**	219	273
Lead	5	NA	NA	< 3	< 3	< 2.6	< 2.8	< 0.94	1.9 B
Manganese	50	NA	NA	**2010**	**1780**	**2420**	**1870**	**2830**	**2170**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-07						
Sample Name	**GWQS[1]**	**OB-7**	**OB-7**	**OB-7**	**OB-7**	**OB-7**	**OB-7**	**OB-7**
Sample Date		**8/2/1984**	**6/1/1986**	**10/13/2004**	**9/28/2006**	**4/11/2007**	**10/9/2007**	**4/30/2008**
VOC								
Benzene	1	< 10	< 10	< 0.5	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 10	< 10	< 0.5	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	< 10	< 10	< 0.5	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	NA	NA	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	NA	< 1	< 0.31	< 0.31	< 0.2	<0.39
PCBs								
PCB 1016	0.5	< 0.5	NA	< 0.075 J	< 0.1	< 0.1	< 0.1	< 0.099
PCB 1221	0.5	< 0.5	NA	< 0.085	< 0.51	< 0.5	< 0.52	< 0.49
PCB 1232	0.5	< 0.5	NA	< 0.12	< 0.42	< 0.41	< 0.43	< 0.41
PCB 1242	0.5	< 0.5	NA	< 0.13	< 0.18	< 0.17	< 0.18	< 0.17
PCB 1248	0.5	< 0.5	NA	< 0.072	< 0.17	< 0.16	< 0.17	< 0.16
PCB 1254	0.5	< 0.5	NA	< 0.072	< 0.12	< 0.12	< 0.12	< 0.11
PCB 1260	0.5	< 0.5	NA	< 0.1	< 0.13	< 0.12	< 0.13	< 0.12
Total PCBs		0	NA	0	0	0	0	0
Metals -Total								
Arsenic	3	< 5	< 2	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	**7000**	NA	**1360**	**2640**	**2340**	**1440**	**4840**
Lead	5	< 50	< 50	< 3	< 2.6	< 2.8	< 0.94	2.9 B
Manganese	50	**420**	NA	**3150**	**2710**	**1480**	**2880**	**2230 J**
Metals -Dissolved								
Arsenic	3	NA	NA	< 5	< 1.5	< 1.5	< 1.1	2 B
Iron	300	NA	NA	270	**1680**	**535**	30.5 BJ	181
Lead	5	NA	NA	< 3	< 2.6	< 2.8	< 0.94	1.9 B
Manganese	50	NA	NA	**3140**	**2700**	**1400**	**2350**	**2120 J**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-08	OB-09		
Sample Name	**GWQS[1]**	**OB-8**	**OB-9**	**OB-9**	**OB-9**
Sample Date		**8/2/1984**	**8/2/1984**	**6/14/1986**	**3/23/1988**
VOC					
Benzene	1	< 10	< 10	< 10	< 5
Ethylbenzene	700	< 10	< 10	< 10	< 5
Toluene	1000	< 10	< 10	19	< 5
Xylene, -m	NS	NA	NA	NA	< 5
Xylene, -m,p	NS	NA	NA	NA	NA
Xylene. -o	NS	NA	NA	NA	< 5
Xylenes	1,000	NA	NA	NA	NA
PCBs					
PCB 1016	0.5	< 0.5	< 1	NA	NA
PCB 1221	0.5	< 0.5	< 1	NA	NA
PCB 1232	0.5	< 0.5	< 1	NA	NA
PCB 1242	0.5	< 0.5	< 1	NA	NA
PCB 1248	0.5	< 0.5	< 1	NA	NA
PCB 1254	0.5	< 0.5	< 1	NA	NA
PCB 1260	0.5	< 0.5	< 1	NA	NA
Total PCBs		0	0	NA	NA
Metals -Total					
Arsenic	3	< 5	**7**	**10.6**	< 2
Iron	300	**13000**	**450**	NA	NA
Lead	5	< 50	< 50	< 50	< 50
Manganese	50	**1900**	**320**	NA	NA
Metals -Dissolved					
Arsenic	3	NA	NA	NA	< 2
Iron	300	NA	NA	NA	NA
Lead	5	NA	NA	NA	< 50
Manganese	50	NA	NA	NA	NA

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well			OB-10					OB-10			
Sample Name	**GWQS[1]**	**OB-10**	**OB-10**	**OB-10**	**OB-10**	**OB-10**	**OB-10**	**OB-10**	**OB-10**	**OB-10**	**OB-10**
Sample Date		**8/2/1984**	**10/31/1989**	**1/30/1990**	**4/24/1990**	**7/23/1990**	**10/14/2004**	**10/2/2006**	**4/2/2007**	**10/12/2007**	**4/29/2008**
VOC											
Benzene	1	< 10	< 2	< 2	< 2	< 2	< 0.5	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 10	< 2	< 2	< 2	< 2	< 0.5	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	< 10	< 2	< 2	< 2	< 2	< 0.5	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	< 2	< 2	< 2	< 2	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	< 2	< 2	< 2	< 2	NA	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	NA	NA	NA	NA	< 1	< 0.31	< 0.31	< 0.2	<0.39
PCBs											
PCB 1016	0.5	< 0.5	NA	NA	NA	NA	< 0.075	< 0.1	< 0.1	< 0.094	< 0.1
PCB 1221	0.5	< 0.5	NA	NA	NA	NA	< 0.085	< 0.5	< 0.51	< 0.47	< 0.51
PCB 1232	0.5	< 0.5	NA	NA	NA	NA	< 0.12	< 0.41	< 0.42	< 0.39	< 0.43
PCB 1242	0.5	< 0.5	NA	NA	NA	NA	< 0.13	< 0.17	< 0.18	< 0.16	< 0.18
PCB 1248	0.5	< 0.5	NA	NA	NA	NA	< 0.072	< 0.16	< 0.17	< 0.15	< 0.17
PCB 1254	0.5	< 0.5	NA	NA	NA	NA	< 0.072	< 0.12	< 0.12	< 0.11	< 0.12
PCB 1260	0.5	< 0.5	NA	NA	NA	NA	< 0.1	< 0.12	< 0.13	< 0.12	< 0.13
Total PCBs		0	NA	NA	NA	NA	0	0	0	0	0
Metals -Total											
Arsenic	3	**31**	< 2	**4.61**	< 5	< 5	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	**9500**	**4560**	**7240**	**2200**	**14200**	< 100	**4010**	**1110**	**598**	298
Lead	5	< 50	< 5	< 5	< 5	< 5	< 3	< 2.6	< 2.8	< 0.94	< 1.4
Manganese	50	**5400**	**174**	**392**	**82**	**93**	< 15	**1600**	**882**	**214**	25.1
Metals -Dissolved											
Arsenic	3	NA	NA	NA	NA	NA	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	NA	NA	NA	NA	NA	< 100	**3700**	**788**	< 6.3	13.4 B
Lead	5	NA	NA	NA	NA	NA	< 3	< 2.6	< 2.8	< 0.94	< 1.4
Manganese	50	NA	NA	NA	NA	NA	< 15	**1570**	**866**	**161**	3 B

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-11										
Sample Name	**GWQS[1]**	**OB-11**	**OB-11**	**OB-11**	**OB-11**	**OB-11**	**OB-11**	**OB-11**	**OB-11**	**OB-11**	**OB-11**	**OB-11**
Sample Date		**8/1/1984**	**9/20/1984**	**6/14/1986**	**3/22/1988**	**10/31/1989**	**1/30/1990**	**4/24/1990**	**7/23/1990**	**1/16/1992**	**7/29/1992**	**2/17/1993**
VOC												
Benzene	1	< 10	< 10	< 10	**2 J**	< 2	< 2	< 2	< 2	**2**	**3**	< 1
Ethylbenzene	700	< 10	< 10	< 10	0.2 J	2.7	< 2	< 2	< 2	< 5	4 J	< 5
Toluene	1000	< 10	< 10	< 10	< 5	< 2	< 2	< 2	< 2	< 5	2 J	< 5
Xylene, -m	NS	NA	NA	NA	< 5	< 2	< 2	< 2	< 2	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	NA	NA	1 J	9	< 5
Xylene. -o	NS	NA	NA	NA	4 J	< 2	< 2	< 2	< 2	2 J	7	< 5
Xylenes	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs												
PCB 1016	0.5	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1221	0.5	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1232	0.5	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1242	0.5	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1248	0.5	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1254	0.5	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1260	0.5	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		NA	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals -Total												
Arsenic	3	NA	**6**	< 2	NA	< 2	< 2	< 5	< 5	2.6R	**3.6 BR**	3 B
Iron	300	NA	**20000**	NA	NA	**19900**	**1160**	**4090**	**22300**	**24300**	**38200**	**12900**
Lead	5	NA	**60**	< 50	NA	< 5	< 5	< 5	18.8	< 20.8	< 24.4	1.8 B
Manganese	50	NA	**2900**	NA	NA	**1680**	**1040**	**438**	**1440**	**1610**	**1150**	**1080**
Metals -Dissolved												
Arsenic	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-11					
Sample Name	**GWQS[1]**	**OB-11**	**OB-11**	**OB-11**	**OB-11**	**OB-11**	**OB-11**
Sample Date		**7/26/1993**	**2/20/1995**	**8/7/1995**	**8/16/1999**	**4/13/2000**	**10/14/2004**
VOC							
Benzene	1	< 1	< 1	< 1	NA	NA	**1.2**
Ethylbenzene	700	< 5	< 10	< 10	NA	NA	< 0.5
Toluene	1000	< 5	< 10	< 10	NA	NA	< 0.5
Xylene, -m	NS	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	< 5	< 10	< 10	NA	NA	NA
Xylene. -o	NS	< 5	< 10	< 10	NA	NA	NA
Xylenes	1,000	NA	NA	NA	NA	NA	< 1
PCBs							
PCB 1016	0.5	NA	NA	NA	NA	NA	< 0.084
PCB 1221	0.5	NA	NA	NA	NA	NA	< 0.094
PCB 1232	0.5	NA	NA	NA	NA	NA	< 0.14
PCB 1242	0.5	NA	NA	NA	NA	NA	< 0.15
PCB 1248	0.5	NA	NA	NA	NA	NA	< 0.08
PCB 1254	0.5	NA	NA	NA	NA	NA	< 0.08
PCB 1260	0.5	NA	NA	NA	NA	NA	< 0.11
Total PCBs		NA	NA	NA	NA	NA	0
Metals -Total							
Arsenic	3	**8.3 B**	< 2	**4.4 B**	NA	NA	< 5
Iron	300	**21900**	**11700**	**23400**	NA	NA	**33300**
Lead	5	**14**	< 2	**31.9**	< 1.7	1.6	< 3
Manganese	50	**2440**	**1060**	**1300**	NA	NA	**1200 J**
Metals -Dissolved							
Arsenic	3	NA	NA	NA	NA	NA	< 5
Iron	300	NA	NA	NA	NA	NA	**31900**
Lead	5	NA	NA	NA	NA	< 1.3	< 3
Manganese	50	NA	NA	NA	NA	NA	**1130 J**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-12							
Sample Name	**GWQS[1]**	**OB-12**	**OB-12**	**OB-12**	**OB-12**	**OB-12**	**OB-12**	**OB-12**	**OB-12**
Sample Date		**6/16/1986**	**3/22/1988**	**11/1/2004**	**12/30/2004**	**9/28/2006**	**4/3/2007**	**10/8/2007**	**4/28/2008**
VOC									
Benzene	1	NA	< 5	< 1	< 0.31	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	NA	< 5	< 1	< 0.27	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	NA	< 5	< 1	< 0.14	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	< 5	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	< 1	< 0.36	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	< 5	< 1	< 0.17	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	NA	< 1	< 0.17	< 0.31	< 0.31	< 0.2	<0.39
PCBs									
PCB 1016	0.5	< 0.5	NA	< 0.5	< 0.075	< 0.1	< 0.11	< 0.1	< 0.094
PCB 1221	0.5	< 0.5	NA	< 0.5	< 0.085	< 0.52	< 0.53	< 0.52	< 0.47
PCB 1232	0.5	< 0.05	NA	< 0.5	< 0.12	< 0.43	< 0.44	< 0.43	< 0.39
PCB 1242	0.5	< 0.05	NA	< 0.5	< 0.13	< 0.18	< 0.18	< 0.18	< 0.16
PCB 1248	0.5	< 0.05	NA	< 0.5	< 0.072	< 0.17	< 0.17	< 0.17	< 0.15
PCB 1254	0.5	< 0.05	NA	< 0.5	< 0.072	< 0.12	< 0.12	< 0.12	< 0.11
PCB 1260	0.5	< 0.05	NA	< 0.5	< 0.1	< 0.13	< 0.13	< 0.13	< 0.12
Total PCBs		0	NA	0	0	0	0	0	0
Metals -Total									
Arsenic	3	< 2	< 2	< 5	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	NA	NA	< 100	< 100	104	< 25	19.5 BJ	67.4 B
Lead	5	< 50	< 50	< 3	< 3	< 2.6	< 2.8	< 0.94	< 1.4
Manganese	50	NA	NA	< 15	< 15	2.4 BJ	1.3 B	1.6 BJ	1.9 B
Metals -Dissolved									
Arsenic	3	NA	NA	< 5	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	NA	NA	< 100	< 100	< 67	< 25	20.5 BJ	12 B
Lead	5	NA	NA	< 3	< 3	< 2.6	< 2.8	< 0.94	< 1.4
Manganese	50	NA	NA	< 15	< 15	2.4 BJ	1.4 B	1.8 BJ	1.3 B

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-13										
Sample Name	**GWQS[1]**	**OB-13**	**OB-13**	**OB-13**	**OB-13**	**OB-13**	**OB-13**	**OB-13**	**OB-13**	**OB-13**	**OB-13**	**OB-13**
Sample Date		**6/17/1986**	**3/24/1988**	**10/30/1989**	**1/30/1990**	**4/24/1990**	**7/24/1990**	**10/13/2004**	**10/3/2006**	**4/3/2007**	**10/8/2007**	**4/28/2008**
VOC												
Benzene	1	NA	< 5	< 2	< 2	< 2 JS	< 2	< 0.5	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	NA	< 5	< 2	< 2	< 2 JS	< 2	< 0.5	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	NA	< 5	< 2	< 2	< 2 JS	< 2	< 0.5	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	< 5	< 2	< 2	< 2 JS	< 2	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	NA	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	< 5	< 2	< 2	< 2 JS	< 2	NA	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	NA	NA	NA	NA	NA	< 1	< 0.31	< 0.31	< 0.2	<0.39
PCBs												
PCB 1016	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.075	< 0.1	< 0.11	< 0.099	< 0.1
PCB 1221	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.085	< 0.51	< 0.53	< 0.49	< 0.52
PCB 1232	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.12	< 0.42	< 0.44	< 0.41	< 0.43
PCB 1242	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.13	< 0.18	< 0.18	< 0.17	< 0.18
PCB 1248	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.072	< 0.16	< 0.17	< 0.16	< 0.17
PCB 1254	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.072	< 0.12	< 0.12	< 0.11	< 0.12
PCB 1260	0.5	< 0.5	NA	NA	NA	NA	NA	< 0.1	< 0.13	< 0.13	< 0.12	< 0.13
Total PCBs		0	NA	NA	NA	NA	NA	0	0	0	0	0
Metals -Total												
Arsenic	3	< 2	NA	< 2	< 2	< 5	< 5	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	NA	NA	206 JMt	**1050**	**407**	**2200**	< 100	67.2 B	< 25	10.3 BJ	40.4 B
Lead	5	< 50	NA	< 5	< 5	< 5	31.4	< 3	< 2.6	< 2.8	< 0.94	< 1.4
Manganese	50	NA	NA	< 10	12	< 10	31	< 15 J	1.1 B	< 0.6	1.4 BJ	0.8 B
Metals -Dissolved												
Arsenic	3	NA	NA	NA	NA	NA	NA	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	NA	NA	NA	NA	NA	NA	< 100	< 67	< 25	< 6.3 J	16.7 B
Lead	5	NA	NA	NA	NA	NA	NA	< 3	< 2.6	< 2.8	< 0.94	< 1.4
Manganese	50	NA	NA	NA	NA	NA	NA	< 15 J	0.63 B	< 0.6	1.3 BJ	0.7 B

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-14A								
Sample Name	**GWQS[1]**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**
Sample Date		**6/16/1986**	**3/22/1988**	**10/31/1989**	**1/30/1990**	**4/24/1990**	**7/24/1990**	**1/15/1992**	**7/29/1992**	**2/17/1993**
VOC										
Benzene	1	NA	< 5	< 2	< 2	< 2	< 2	< 1	< 0.5	< 1
Ethylbenzene	700	NA	< 5	< 2	< 2	< 2	< 2	< 5	< 5	< 5
Toluene	1000	NA	< 5	< 2	< 2	< 2	< 2	< 5	< 5	< 5
Xylene, -m	NS	NA	< 5	< 2	< 2	< 2	< 2	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	< 5	< 5	< 5
Xylene. -o	NS	NA	< 5	< 2	< 2	< 2	< 2	< 5	< 5	< 5
Xylenes	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs										
PCB 1016	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1221	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1232	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1242	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1248	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1254	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1260	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		0	NA	NA	NA	NA	NA	NA	NA	NA
Metals -Total										
Arsenic	3	**15**	**56.6**	**23.3**	**26.5**	**28.3**	**20.5**	**28.3**	**41.3 J**	**14.4**
Iron	300	NA	NA	**74400**	**86500**	**44300**	**51700**	**67200**	**376000**	**86400**
Lead	5	< 50	**85**	17.9	**17.9**	< 5	15.5	< 20.8	**107**	1.7 B
Manganese	50	NA	NA	**1360**	**3780**	**4860**	**2880**	**4140**	**6440**	**2670**
Metals -Dissolved										
Arsenic	3	NA	**29.4**	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	< 50	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA	NA	NA

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-14A										
Sample Name	**GWQS[1]**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A**	**OB-14A (DUP)**	**OB-14A**
Sample Date		**7/27/1993**	**2/21/1995**	**8/7/1995**	**8/16/1999**	**4/13/2000**	**10/12/2004**	**9/27/2006**	**4/9/2007**	**10/11/2007**	**10/11/2007**	**4/30/2008**
VOC												
Benzene	1	< 1	< 1	< 1	< 10	NA	< 0.5	< 0.21	< 0.21	< 0.19	< 0.19	<0.26
Ethylbenzene	700	< 5	< 10	< 10	< 10	NA	< 0.5	< 0.2	< 0.2	< 0.21	< 0.21	<0.27
Toluene	1000	< 5	< 10	< 10	< 10	NA	< 0.5	< 0.2	< 0.2	< 0.21	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	< 5	< 10	< 10	NA	NA	NA	< 0.42	< 0.42	< 0.35	< 0.35	<0.39
Xylene. -o	NS	< 5	< 10	< 10	NA	NA	NA	< 0.31	< 0.31	< 0.2	< 0.2	<0.45
Xylenes	1,000	NA	NA	NA	< 10	NA	< 1	< 0.31	< 0.31	< 0.2	< 0.2	<0.39
PCBs												
PCB 1016	0.5	NA	NA	NA	NA	NA	< 0.075 J	< 0.1	< 0.1	< 0.099	< 0.094	< 0.1
PCB 1221	0.5	NA	NA	NA	NA	NA	< 0.085	< 0.51	< 0.51	< 0.49	< 0.47	< 0.51
PCB 1232	0.5	NA	NA	NA	NA	NA	< 0.12	< 0.42	< 0.42	< 0.41	< 0.39	< 0.42
PCB 1242	0.5	NA	NA	NA	NA	NA	< 0.13	< 0.18	< 0.18	< 0.17	< 0.16	< 0.18
PCB 1248	0.5	NA	NA	NA	NA	NA	< 0.072	< 0.17	< 0.17	< 0.16	< 0.15	< 0.17
PCB 1254	0.5	NA	NA	NA	NA	NA	< 0.072	< 0.12	< 0.12	< 0.11	< 0.11	< 0.12
PCB 1260	0.5	NA	NA	NA	NA	NA	< 0.1	< 0.13	< 0.13	< 0.12	< 0.12	< 0.13
Total PCBs		NA	NA	NA	NA	NA	0	0	0	0	0	0
Metals -Total												
Arsenic	3	**41.2**	**32.7**	**4.9 B**	**20.5**	**11.9**	**16.7**	**4.5 J**	2.4	**23.1**	**21.6**	**14.4**
Iron	300	**290000**	**64500**	**103000**	NA	NA	**55600**	**42300**	**45500**	**61400**	**59600**	**52500**
Lead	5	**117**	3.8	**47**	< 1.7	3.3	< 3	< 2.6	3.3	1.4 B	1 B	4
Manganese	50	**7350**	**4150**	**3320**	NA	NA	**2320**	**1050 J**	**1040 J**	**2770**	**2640**	**1870 J**
Metals -Dissolved												
Arsenic	3	NA	NA	NA	NA	**9.7 B**	**19.6**	**5.5 J**	< 1.5	**5.6**	**5**	**3.8**
Iron	300	NA	NA	NA	NA	NA	**59400**	**46100**	**46200**	**39900**	**32400**	**18800**
Lead	5	NA	NA	NA	NA	< 1.3	< 3	< 2.6	2.9 B	< 0.94	1.2 B	2.7 B
Manganese	50	NA	NA	NA	NA	NA	**2550**	**1230 J**	**1070 J**	**2710**	**2860**	**1810 J**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-14B											
Sample Name	**GWQS[1]**	**OB-14B**	**OB-14B**	**OB-14B**	**OB-14B**	**OB-14B**	**OB-14B**	**OB-14B**	**OB-14B**	**OB-14B**	**OB-14B**	**OB-14B**	**OB-14B**
Sample Date		**6/16/1986**	**3/22/1988**	**10/31/1989**	**1/30/1990**	**4/24/1990**	**7/24/1990**	**1/15/1992**	**7/28/1992**	**2/17/1993**	**7/27/1993**	**2/21/1995**	**8/7/1995**
VOC													
Benzene	1	NA	< 5	< 2	< 2	< 2	< 2	< 1	< 0.5	< 1	< 1	< 1	< 1
Ethylbenzene	700	NA	< 5	< 2	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 10	< 10
Toluene	1000	NA	< 5	< 2	< 2	< 2	< 2	4 J	< 5	< 5	< 5	< 10	< 10
Xylene, -m	NS	NA	< 5	< 2	< 2	< 2	< 2	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	< 5	< 5	< 5	< 5	< 10	< 10
Xylene. -o	NS	NA	< 5	< 2	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 10	< 10
Xylenes	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs													
PCB 1016	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1221	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1232	0.5	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1242	0.5	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1248	0.5	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1254	0.5	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1260	0.5	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals -Total													
Arsenic	3	**3.6**	< 2	**5.14**	< 2	**19.2**	< 5	**7.9**	< 3 R	1.6 B	**3.2 B**	3 B	1.1 B
Iron	300	NA	NA	**14200**	**14700**	**37600**	**8710**	**15900**	**1780 E**	**1300**	**2040**	**1350**	**799**
Lead	5	< 50	< 50	< 5	< 5	19.8	14	**26.4**	< 24.4	< 0.8	1.5 B	< 2	**7.2**
Manganese	50	NA	NA	**2120**	**1760**	**2000**	**1400**	**1840**	**1390**	**1380**	**1360**	**1270**	**834**
Metals -Dissolved													
Arsenic	3	NA	< 2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-14B				
Sample Name	**GWQS[1]**	**OB-14B**	**OB-14B**	**OB-14B**	**OB-14B**	**OB-14B**
Sample Date		**10/12/2004**	**9/27/2006**	**4/9/2007**	**10/11/2007**	**4/30/2008**
VOC						
Benzene	1	< 0.5	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 0.5	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	< 0.5	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	< 1	< 0.31	< 0.31	< 0.2	<0.39
PCBs						
PCB 1016	0.5	< 0.075 J	< 0.1	< 0.12	< 0.11	< 0.1
PCB 1221	0.5	< 0.085	< 0.51	< 0.59	< 0.53	< 0.51
PCB 1232	0.5	< 0.12	< 0.42	< 0.49	< 0.44	< 0.42
PCB 1242	0.5	< 0.13	< 0.18	< 0.21	< 0.18	< 0.18
PCB 1248	0.5	< 0.072	< 0.17	< 0.19	< 0.17	< 0.17
PCB 1254	0.5	< 0.072	< 0.12	< 0.14	< 0.12	< 0.12
PCB 1260	0.5	< 0.1	< 0.13	< 0.15	< 0.13	< 0.13
Total PCBs		0	0	0	0	0
Metals -Total						
Arsenic	3	< 5	< 1.5	< 1.5	2.8 B	2.1 B
Iron	300	**1740 J**	**959**	**962**	**642**	**890**
Lead	5	3.6	< 2.6	< 2.8	1.1 B	3.2
Manganese	50	**1860**	**1900**	**2040 J**	**1500**	**1740 J**
Metals -Dissolved						
Arsenic	3	< 5	< 1.5	< 1.5	1.6 B	< 1.7
Iron	300	**407**	**949**	**894**	26.5 J	38.2 B
Lead	5	< 3	< 2.6	< 2.8	< 0.94	2.1 B
Manganese	50	**1890**	**1910**	**2020 J**	**1430**	**1690 J**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-15A			
Sample Name	**GWQS[1]**	**OB-15A**	**OB-15A**	**OB-15A-2**	**OB15-A**
Sample Date		**6/1/1986**	**6/16/1986**	**6/16/1986**	**6/24/1986**
VOC					
Benzene	1	< 10	NA	NA	NA
Ethylbenzene	700	< 10	NA	NA	NA
Toluene	1000	22	NA	NA	NA
Xylene, -m	NS	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	700
Xylene. -o	NS	NA	NA	NA	220
Xylenes	1,000	NA	NA	NA	NA
PCBs					
PCB 1016	0.5	NA	< 0.05	< 0.5	NA
PCB 1221	0.5	NA	< 0.05	< 0.5	NA
PCB 1232	0.5	NA	< 0.05	< 0.5	NA
PCB 1242	0.5	NA	< 0.05	< 0.5	NA
PCB 1248	0.5	NA	< 0.05	< 0.5	NA
PCB 1254	0.5	NA	< 0.05	< 0.5	NA
PCB 1260	0.5	NA	< 0.05	< 0.5	NA
Total PCBs		NA	0	0	NA
Metals -Total					
Arsenic	3	NA	**8**	**7.6**	NA
Iron	300	NA	NA	NA	NA
Lead	5	NA	**764**	**419**	NA
Manganese	50	NA	NA	NA	NA
Metals -Dissolved					
Arsenic	3	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-15B								
Sample Name	**GWQS[1]**	**OB-15B**	**OB-15B**	**OB-15B**	**OB-15B**	**OB-15B**	**OB-15B**	**OB-15B**	**OB-15B**	**OB-15B**
Sample Date		**6/16/1986**	**3/22/1988**	**10/30/1989**	**1/30/1990**	**4/23/1990**	**7/23/1990**	**1/14/1992**	**7/30/1992**	**2/17/1993**
VOC										
Benzene	1	< 10	< 5	< 2	< 2	< 2	< 2	< 1	< 0.5	< 1
Ethylbenzene	700	< 10	< 5	< 2	< 2	< 2	< 2	< 5	< 5	< 5
Toluene	1000	< 10	< 5	< 2	< 2	< 2	< 2	< 5	< 5	< 5
Xylene, -m	NS	NA	< 5	< 2	< 2	< 2	< 2	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	< 5	< 5	< 5
Xylene. -o	NS	NA	< 5	< 2	< 2	< 2	< 2	< 5	< 5	< 5
Xylenes	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs										
PCB 1016	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1221	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1232	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1242	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1248	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1254	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1260	0.5	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		0	NA	NA	NA	NA	NA	NA	NA	NA
Metals -Total										
Arsenic	3	2.2	NA	< 2	< 2	< 5	< 5	**5.2**	**26.2**	2.9 B
Iron	300	NA	NA	**2100 JMt**	**8910**	**21700**	**12600**	**26400**	**28000**	**7850**
Lead	5	< 50	NA	47.3	< 5	6.13	14.3	< 20.8	< 24.4	0.97 B
Manganese	50	NA	NA	**898**	**410**	**1050**	**592**	**2750**	**4910**	**2410**
Metals -Dissolved										
Arsenic	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA	NA	NA

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-15B							
Sample Name	**GWQS[1]**	**OB-15B**	**OB-15B**	**OB-15B**	**OB-15B**	**OB-15B**	**OB-15B**	**OB-15B**	**OB-15B**
Sample Date		**7/27/1993**	**2/21/1995**	**8/7/1995**	**10/12/2004**	**10/3/2006**	**4/12/2007**	**10/16/2007**	**5/2/2008**
VOC									
Benzene	1	< 1	< 1	< 1	< 0.5	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 5	< 10	< 10	< 0.5	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	< 5	< 10	< 10	< 0.5	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	< 5	< 10	< 10	NA	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	< 5	< 10	< 10	NA	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	NA	NA	< 1	< 0.31	< 0.31	< 0.2	<0.39
PCBs									
PCB 1016	0.5	NA	NA	NA	< 0.075 J	< 0.094	< 0.1	< 0.1	< 0.1
PCB 1221	0.5	NA	NA	NA	< 0.085	< 0.47	< 0.52	< 0.52	< 0.5
PCB 1232	0.5	NA	NA	NA	< 0.12	< 0.39	< 0.43	< 0.43	< 0.41
PCB 1242	0.5	NA	NA	NA	< 0.13	< 0.16	< 0.18	< 0.18	< 0.17
PCB 1248	0.5	NA	NA	NA	< 0.072	< 0.15	< 0.17	< 0.17	< 0.16
PCB 1254	0.5	NA	NA	NA	< 0.072	< 0.11	< 0.12	< 0.12	< 0.12
PCB 1260	0.5	NA	NA	NA	< 0.1	< 0.12	< 0.13	< 0.13	< 0.12
Total PCBs		NA	NA	NA	0	0	0	0	0
Metals -Total									
Arsenic	3	**4.6 B**	< 2	< 1	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	**10300**	**2040**	**1080**	**2720**	**1640**	194	158 J	**507**
Lead	5	**7.5**	< 2	1 B	< 3	< 2.6	< 2.8	1 B	2.6 B
Manganese	50	**6140**	**3230**	**8580**	**488**	**1540**	**440**	**675**	**2370**
Metals -Dissolved									
Arsenic	3	NA	NA	NA	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	NA	NA	NA	< 100	< 67	< 25	12.8 BJ	8.4 B
Lead	5	NA	NA	NA	< 3	< 2.6	< 2.8	< 0.94	2.1 B
Manganese	50	NA	NA	NA	**408**	**235**	**81.1**	**162**	**51.3**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-16						
Sample Name	**GWQS[1]**	**OB-16**	**OB-16**	**OB-16**	**OB-16**	**OB-16**	**OB-16**	**OB-16**
Sample Date		**1/15/1992**	**7/29/1992**	**2/16/1993**	**7/26/1993**	**2/20/1995**	**8/6/1995**	**8/16/1999**
VOC								
Benzene	1	< 1	< 0.5	< 1	< 1	NA	< 1	NA
Ethylbenzene	700	< 5	< 5	< 5	< 5	NA	< 10	NA
Toluene	1000	< 5	< 5	< 5	< 5	NA	< 10	NA
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	< 5	< 5	< 5	< 5	NA	< 10	NA
Xylene. -o	NS	< 5	< 5	< 5	< 5	NA	< 10	NA
Xylenes	1,000	NA	NA	NA	NA	NA	NA	NA
PCBs								
PCB 1016	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1221	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1232	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1242	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1248	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1254	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1260	0.5	NA	NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA	NA
Metals -Total								
Arsenic	3	**5.8R**	**3.5 BR**	**6.4 B**	**3.2 B**	**11**	**11.1**	**10.3**
Iron	300	**13400**	**14300**	**10600**	**8610**	**12800**	**16700**	NA
Lead	5	< 20.8	< 24.4	0.94 B	1.8 B	< 2	< 0.48	NA
Manganese	50	**3260**	**3610**	**3380**	**3500**	**2790**	**3960**	NA
Metals -Dissolved								
Arsenic	3	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-16					
Sample Name	**GWQS[1]**	**OB-16**	**OB-16**	**OB-16**	**OB-16**	**OB-16**	**OB-16**
Sample Date		**4/13/2000**	**10/12/2004**	**9/27/2006**	**4/10/2007**	**10/10/2007**	**5/1/2008**
VOC							
Benzene	1	NA	< 0.5	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	NA	< 0.5	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	NA	< 0.5	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	NA	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	NA	< 1	< 0.31	< 0.31	< 0.2	<0.39
PCBs							
PCB 1016	0.5	NA	< 0.075 J	< 0.1	< 0.1 R	< 0.099	< 0.099
PCB 1221	0.5	NA	< 0.085	< 0.5	< 0.5 R	< 0.49	< 0.5
PCB 1232	0.5	NA	< 0.12	< 0.41	< 0.41 R	< 0.41	< 0.41
PCB 1242	0.5	NA	< 0.13	< 0.17	< 0.17 R	< 0.17	< 0.17
PCB 1248	0.5	NA	< 0.072	< 0.16	< 0.16 R	< 0.16	< 0.16
PCB 1254	0.5	NA	< 0.072	< 0.12	< 0.12 R	< 0.11	< 0.12
PCB 1260	0.5	NA	< 0.1	< 0.12	< 0.12 R	< 0.12	< 0.12
Total PCBs		NA	0	0	0	0	0
Metals -Total							
Arsenic	3	**7.3 B**	**7.6**	**6.2**	**4.4**	**8.8**	**4.6**
Iron	300	NA	**11000 J**	**9890**	**8050**	**15400**	**11100**
Lead	5	NA	< 3	< 2.6	< 2.8	< 0.94	3.7
Manganese	50	NA	**3060**	**2840**	**2230**	**3940**	**2860**
Metals -Dissolved							
Arsenic	3	< 3.1	**6.3**	**4.2**	**3.3**	**3.6**	< 1.7
Iron	300	NA	**10200**	**9620**	**9140**	**5400**	**912**
Lead	5	NA	< 3	< 2.6	< 2.8	< 0.94	1.6 B
Manganese	50	NA	**3080**	**2770**	**2470**	**3830**	**2740**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-17								
Sample Name	**GWQS[1]**	**OB-17**	**OB-17**	**OB-17**	**OB-17**	**OB-17**	**OB-17**	**OB-17**	**OB-17**	**OB-17**
Sample Date		**1/16/1992**	**7/29/1992**	**2/16/1993**	**7/26/1993**	**2/20/1995**	**2/21/1995**	**8/6/1995**	**8/16/1999**	**4/13/2000**
VOC										
Benzene	1	< 1	< 0.5	< 1	< 1	NA	< 1	< 1	NA	NA
Ethylbenzene	700	< 5	2 J	< 5	< 5	NA	< 10	< 10	NA	NA
Toluene	1000	< 5	160	< 5	< 5	NA	< 10	< 10	NA	NA
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	< 5	< 5	< 5	< 5	NA	< 10	< 10	NA	NA
Xylene. -o	NS	< 5	< 5	< 5	< 5	NA	< 10	< 10	NA	NA
Xylenes	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs										
PCB 1016	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1221	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1232	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1242	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1248	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1254	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1260	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals -Total										
Arsenic	3	**11.7**	**28.9 J**	**25.2**	**8.9 B**	**20.9**	NA	**19.3**	**8.6 B**	**4.5 B**
Iron	300	**23600**	**54900**	**74100**	**32900**	**18900**	NA	**14300**	NA	NA
Lead	5	< 20.8	< 24.4	**7.3**	**7.1**	< 2	NA	0.61 B	NA	NA
Manganese	50	**15000**	**20200**	**10100**	**7430**	**4560**	NA	**3290**	NA	NA
Metals -Dissolved										
Arsenic	3	NA	NA	NA	NA	NA	NA	NA	NA	< 3.1
Iron	300	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA	NA	NA

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-17				
Sample Name	**GWQS[1]**	**OB-17**	**OB-17**	**OB-17**	**OB-17**	**OB-17**
Sample Date		**10/11/2004**	**9/27/2006**	**4/10/2007**	**10/10/2007**	**5/1/2008**
VOC						
Benzene	1	< 0.5	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 0.5	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	< 0.5	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	NA	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	< 1	< 0.31	< 0.31	< 0.2	<0.39
PCBs						
PCB 1016	0.5	< 0.075 J	< 0.1	< 0.1	< 0.094	< 0.099
PCB 1221	0.5	< 0.085	< 0.52	< 0.5	< 0.47	< 0.49
PCB 1232	0.5	< 0.12	< 0.43	< 0.41	< 0.39	< 0.41
PCB 1242	0.5	< 0.13	< 0.18	< 0.17	< 0.16	< 0.17
PCB 1248	0.5	< 0.072	< 0.17	< 0.16	< 0.15	< 0.16
PCB 1254	0.5	< 0.072	< 0.12	< 0.12	< 0.11	< 0.11
PCB 1260	0.5	< 0.1	< 0.13	< 0.12	< 0.12	< 0.12
Total PCBs		0	0	0	0	0
Metals -Total						
Arsenic	3	< 5	< 1.5	< 1.5	2.5 B	< 1.7
Iron	300	**2470**	**1770**	**1410**	**3830**	**1570**
Lead	5	< 3	< 2.6	3.5	1.7 B	2.3 B
Manganese	50	**825**	**619**	**496**	**669**	**472**
Metals -Dissolved						
Arsenic	3	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	**2150**	**1580**	**1080**	**419**	200
Lead	5	< 3	< 2.6	< 2.8	< 0.94	2.4 B
Manganese	50	**804**	**586**	**482**	**610**	**463**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-18							
Sample Name	**GWQS[1]**	**OB-18**	**OB-18**	**OB-18**	**OB-18**	**OB-18**	**OB-18**	**OB-18**	**OB-18**
Sample Date		**1/16/1992**	**7/29/1992**	**2/16/1993**	**7/26/1993**	**2/21/1995**	**8/6/1995**	**10/11/2004**	**9/26/2006**
VOC									
Benzene	1	< 1	< 0.5	< 1	< 1	< 1	< 1	< 0.5	< 0.21
Ethylbenzene	700	< 5	< 5	< 5	< 5	< 10	< 10	< 0.5	< 0.2
Toluene	1000	< 5	< 5	< 5	< 5	3 J	< 10	< 0.5	< 0.2
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	< 5	< 5	< 5	< 5	3 J	< 10	NA	< 0.42
Xylene. -o	NS	< 5	< 5	< 5	< 5	< 10	< 10	NA	< 0.31
Xylenes	1,000	NA	NA	NA	NA	NA	NA	< 1	< 0.31
PCBs									
PCB 1016	0.5	NA	NA	NA	NA	NA	NA	< 0.075 J	< 0.099
PCB 1221	0.5	NA	NA	NA	NA	NA	NA	< 0.085	< 0.49
PCB 1232	0.5	NA	NA	NA	NA	NA	NA	< 0.12	< 0.41
PCB 1242	0.5	NA	NA	NA	NA	NA	NA	< 0.13	< 0.17
PCB 1248	0.5	NA	NA	NA	NA	NA	NA	< 0.072	< 0.16
PCB 1254	0.5	NA	NA	NA	NA	NA	NA	< 0.072	< 0.11
PCB 1260	0.5	NA	NA	NA	NA	NA	NA	< 0.1	< 0.12
Total PCBs		NA	NA	NA	NA	NA	NA	0	0
Metals -Total									
Arsenic	3	**10.8**	**14.5**	1.7 B	**65**	< 2	< 1	< 5	< 1.5
Iron	300	**69900**	**20600**	**17800**	**263000**	**2650**	**3100**	< 100	78.5 B
Lead	5	**43.2**	< 24.4	2 B	**101**	< 2	1.6 B	< 3	< 2.6
Manganese	50	**2240**	**450**	**336**	**6200**	**80.1**	**68.5**	< 15	< 0.4
Metals -Dissolved									
Arsenic	3	NA	NA	NA	NA	NA	NA	< 5	< 1.5
Iron	300	NA	NA	NA	NA	NA	NA	< 100	< 67
Lead	5	NA	NA	NA	NA	NA	NA	< 3	< 2.6
Manganese	50	NA	NA	NA	NA	NA	NA	< 15	< 0.4

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-18				OB-19				
Sample Name	**GWQS[1]**	**OB-18**	**OB-18 (DUP)**	**OB-18**	**OB-18**	**MW-19**	**OB-19**	**OB-19**	**OB-19 (DUP)**	**OB-19**
Sample Date		**4/10/2007**	**4/10/2007**	**10/10/2007**	**5/1/2008**	**10/3/2006**	**4/9/2007**	**10/15/2007**	**10/15/2007**	**4/29/2008**
VOC										
Benzene	1	< 0.21	< 0.21	< 0.19	<0.26	0.55 J	0.59 J	< 0.19	< 0.19	0.56 J
Ethylbenzene	700	< 0.2	< 0.2	< 0.21	<0.27	< 0.2	< 0.2	< 0.21	< 0.21	<0.27
Toluene	1000	< 0.2	< 0.2	< 0.21	<0.15	< 0.2	< 0.2	< 0.21	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	< 0.42	< 0.42	< 0.35	<0.39	< 0.42	< 0.42	< 0.35	< 0.35	<0.39
Xylene. -o	NS	< 0.31	< 0.31	< 0.2	<0.45	< 0.31	< 0.31	< 0.2	< 0.2	0.81 J
Xylenes	1,000	< 0.31	< 0.31	< 0.2	<0.39	< 0.31	< 0.31	< 0.2	< 0.2	0.81 J
PCBs										
PCB 1016	0.5	< 0.1	< 0.094	< 0.094	< 0.099	< 0.1	< 0.1	< 0.1	< 0.1	< 0.094
PCB 1221	0.5	< 0.52	< 0.47	< 0.47	< 0.49	< 0.51	< 0.51	< 0.52	< 0.52	< 0.47
PCB 1232	0.5	< 0.43	< 0.39	< 0.39	< 0.41	< 0.42	< 0.42	< 0.43	< 0.43	< 0.39
PCB 1242	0.5	< 0.18	< 0.16	< 0.16	< 0.17	< 0.18	< 0.18	< 0.18	< 0.18	< 0.16
PCB 1248	0.5	< 0.17	< 0.15	< 0.15	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.15
PCB 1254	0.5	< 0.12	< 0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.11
PCB 1260	0.5	< 0.13	< 0.12	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.13	< 0.12
Total PCBs		0	0	0	0	0	0	0	0	0
Metals -Total										
Arsenic	3	< 1.5	< 1.5	< 1.1	< 1.7	**3.1**	< 1.5	1.9 B	1.8 B	< 1.7
Iron	300	< 25	< 25	251	18.1 B	**43600**	**18600**	**20000**	**20200**	**10100**
Lead	5	< 2.8	< 2.8	1.2 B	< 1.4	**9.4**	< 2.8	1.3 B	1 B	1.4 B
Manganese	50	1.5 BJ	0.77 BJ	9.4 B	0.8 B	**713**	**276 J**	**987 J**	**1150**	**180**
Metals -Dissolved										
Arsenic	3	< 1.5	< 1.5	< 1.1	< 1.7	< 1.5	< 1.5	< 1.1	< 1.1	< 1.7
Iron	300	< 25	< 25	< 6.3	< 7.4	**28700**	**18800**	**3940**	**4170**	**1790**
Lead	5	< 2.8	< 2.8	1 B	1.8 B	< 2.6	< 2.8	1.1 B	< 0.94	< 1.4
Manganese	50	< 0.6	< 0.6	< 0.17	0.5 B	**532**	**282 J**	**1100 J**	**1070**	**177**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well			OB-20A		
Sample Name	**GWQS[1]**	**MW-20**	**OB-20A**	**OB-20A**	**OB-20A**
Sample Date		**10/4/2006**	**4/3/2007**	**10/11/2007**	**10/11/2007**
VOC					
Benzene	1	0.36 J	0.48 J	0.36 J	<0.26
Ethylbenzene	700	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	0.56 J	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA
Xylene, -m,p	NS	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	< 0.31	< 0.31	< 0.2	<0.39
PCBs					
PCB 1016	0.5	< 0.1	< 0.1	< 0.094	< 0.1
PCB 1221	0.5	< 0.5	< 0.52	< 0.47	< 0.52
PCB 1232	0.5	< 0.41	< 0.43	< 0.39	< 0.43
PCB 1242	0.5	< 0.17	< 0.18	< 0.16	< 0.18
PCB 1248	0.5	< 0.16	< 0.17	< 0.15	< 0.17
PCB 1254	0.5	< 0.12	< 0.12	< 0.11	< 0.12
PCB 1260	0.5	< 0.12	< 0.13	< 0.12	< 0.13
Total PCBs		0	0	0	0
Metals -Total					
Arsenic	3	**13.9**	**24.6**	**18.6**	**3.7**
Iron	300	**42400**	**60100**	**49600**	**28200**
Lead	5	< 2.6	< 2.8	3	2.1 B
Manganese	50	**3470**	**7740**	**5590**	**885**
Metals -Dissolved					
Arsenic	3	**13.1**	**20.8**	2.4 B	< 1.7
Iron	300	**39800**	**58100**	**18600**	**9240**
Lead	5	< 2.6	< 2.8	< 0.94	1.8 B
Manganese	50	**3350**	**7520**	**5310**	**857**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well Sample Name Sample Date	GWQS[1]
VOC	
Benzene	1
Ethylbenzene	700
Toluene	1000
Xylene, -m	NS
Xylene, -m,p	NS
Xylene. -o	NS
Xylenes	1,000
PCBs	
PCB 1016	0.5
PCB 1221	0.5
PCB 1232	0.5
PCB 1242	0.5
PCB 1248	0.5
PCB 1254	0.5
PCB 1260	0.5
Total PCBs	
Metals -Total	
Arsenic	3
Iron	300
Lead	5
Manganese	50
Metals -Dissolved	
Arsenic	3
Iron	300
Lead	5
Manganese	50

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Results
OB Wells - Ringwood Mines/Landfill Site

Well		OB-20B					OB-21			
Sample Name	**GWQS[1]**	**MW-20 OB-34**	**OB-20B**	**OB-20B (DUP)**	**OB-20B**	**OB-20B**	**MW-21**	**OB-21**	**OB-21**	**OB-21**
Sample Date		**10/4/2006**	**4/5/2007**	**4/5/2007**	**10/11/2007**	**4/29/2008**	**10/5/2006**	**4/9/2007**	**10/15/2007**	**4/29/2008**
VOC										
Benzene	1	**2**	**1.4**	**1.5**	**1.5**	**1.4**	< 0.21	< 0.21	< 0.19	<0.26
Ethylbenzene	700	< 0.2	< 0.2	< 0.2	< 0.21	<0.27	< 0.2	< 0.2	< 0.21	<0.27
Toluene	1000	0.62 J	< 0.2	< 0.2	< 0.21	<0.15	< 0.2	< 0.2	< 0.21	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	< 0.42	< 0.42	< 0.42	< 0.35	3.2	< 0.42	< 0.42	< 0.35	<0.39
Xylene. -o	NS	< 0.31	< 0.31	< 0.31	< 0.2	<0.45	< 0.31	< 0.31	< 0.2	<0.45
Xylenes	1,000	< 0.31	< 0.31	< 0.31	< 0.2	3.2	< 0.31	< 0.31	< 0.2	<0.39
PCBs										
PCB 1016	0.5	< 0.1	< 0.099	< 0.1	< 0.094	< 0.1	< 0.11	< 0.1	< 0.1	< 0.094
PCB 1221	0.5	< 0.5	< 0.49	< 0.51	< 0.47	< 0.52	< 0.53	< 0.51	< 0.52	< 0.47
PCB 1232	0.5	< 0.41	< 0.41	< 0.42	< 0.39	< 0.43	< 0.44	< 0.42	< 0.43	< 0.39
PCB 1242	0.5	< 0.17	< 0.17	< 0.18	< 0.16	< 0.18	< 0.19	< 0.18	< 0.18	< 0.16
PCB 1248	0.5	< 0.16	< 0.16	< 0.17	< 0.15	< 0.17	< 0.17	< 0.17	< 0.17	< 0.15
PCB 1254	0.5	< 0.12	< 0.11	< 0.12	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.11
PCB 1260	0.5	< 0.12	< 0.12	< 0.13	< 0.12	< 0.13	< 0.13	< 0.13	< 0.13	< 0.12
Total PCBs		0	0	0	0	0	0	0	0	0
Metals -Total										
Arsenic	3	1.5 B	1.5 B	< 1.5	1.2 B	< 1.7	< 1.5	**10.4**	**9 B**	< 1.7
Iron	300	**35000**	**31500**	**31200**	**34900**	**26400**	**2090**	**68100**	**54600**	**2520**
Lead	5	3.1	< 2.8	< 2.8	1.1 B	3.8	< 2.6	**29.2**	**27**	2.1 B
Manganese	50	**9430**	**8680**	**8520**	**9120**	**6800**	**93.8**	**2840 J**	**2540**	**113**
Metals -Dissolved										
Arsenic	3	< 1.5	< 1.5	< 1.5	< 1.1	< 1.7	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	**32400**	**30100**	**30400**	**11400**	**19600**	< 67	< 25	164 J	28.9 B
Lead	5	< 2.6	2.9 B	3.6	1 B	2.4 B	< 2.6	< 2.8	< 0.94	< 1.4
Manganese	50	**9150**	**8300**	**8450**	**8970**	**6480**	3.2 B	2.3 BJ	24.3	2.7 B

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-22			OB-23			OB-24				
Sample Name	**GWQS[1]**	**OB-22**	**OB-22**	**OB-22**	**OB-23**	**OB-23**	**OB-23**	**OB-24**	**OB-24**	**OB-24**	**OB-24**	**DUP-02(080430) (OB-24)**
Sample Date		**11/30/2006**	**4/4/2007**	**5/1/2008**	**11/28/2006**	**4/11/2007**	**5/2/2008**	**11/28/2006**	**4/11/2007**	**10/12/2007**	**10/12/2007**	**4/30/2008**
VOC												
Benzene	1	< 0.21	< 0.21	<0.26	< 0.21	< 0.21	<0.26	< 0.21	< 0.21	< 0.19	<0.26	<0.26
Ethylbenzene	700	< 0.2	< 0.2	<0.27	8.4	0.38 J	<0.27	< 0.2	< 0.2	< 0.21	<0.27	<0.27
Toluene	1000	< 0.2	< 0.2	<0.15	2.3	< 0.2	<0.15	< 0.2	< 0.2	< 0.21	<0.15	<0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	< 0.42	< 0.42	<0.39	23.2	1	<0.39	< 0.42	< 0.42	< 0.35	<0.39	<0.39
Xylene. -o	NS	< 0.31	< 0.31	<0.45	35.6	3.2	<0.45	< 0.31	< 0.31	< 0.2	<0.45	<0.45
Xylenes	1,000	< 0.31	< 0.31	<0.39	58.8	4.3	<0.39	< 0.31	< 0.31	< 0.2	<0.39	<0.39
PCBs												
PCB 1016	0.5	< 0.1	< 0.1	< 0.1	< 0.11	< 0.094	< 0.1	< 0.11	< 0.12	< 0.094	< 0.096	< 0.1
PCB 1221	0.5	< 0.52	< 0.51	< 0.52	< 0.53	< 0.47	< 0.5	< 0.53	< 0.59	< 0.47	< 0.48	< 0.5
PCB 1232	0.5	< 0.43	< 0.42	< 0.43	< 0.44	< 0.39	< 0.41	< 0.44	< 0.49	< 0.39	< 0.4	< 0.41
PCB 1242	0.5	< 0.18	< 0.18	< 0.18	< 0.18	< 0.16	< 0.17	< 0.18	< 0.21	< 0.16	< 0.17	< 0.17
PCB 1248	0.5	< 0.17	< 0.17	< 0.17	< 0.17	< 0.15	< 0.16	< 0.17	< 0.19	< 0.15	< 0.16	< 0.16
PCB 1254	0.5	< 0.12	< 0.12	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	< 0.14	< 0.11	< 0.11	< 0.12
PCB 1260	0.5	< 0.13	< 0.13	< 0.13	< 0.13	< 0.12	< 0.12	< 0.13	< 0.15	< 0.12	< 0.12	< 0.12
Total PCBs		0	0	0	0	0	0	0	0	0	0	0
Metals -Total												
Arsenic	3	**9.5 J**	**5.2**	< 1.7	1.8 B	< 1.5	< 1.7	< 1.5	< 1.5	1.9 B	1.7 B	< 1.7
Iron	300	**35200 J**	**19900**	**1600**	**24600**	**14100**	**7760**	124	129	< 6.3	287 J	223 J
Lead	5	**19.5 J**	**9.1**	2.3 B	< 2.8 J	**24.1**	2.5 B	2.8 B	< 2.8	1.2 BJ	1.5 B	1.6 B
Manganese	50	**2060 J**	**805**	39.4	**1450**	**1650**	**1130**	**487**	**343**	**352**	**262 J**	**272 J**
Metals -Dissolved												
Arsenic	3	< 1.5 J	< 1.5	< 1.7	< 1.5	< 1.5	< 1.7	< 1.5	< 1.5	< 1.1	< 1.7	1.7 B
Iron	300	157 J	< 25	15 B	**24300**	**329**	**401**	124	< 25	< 6.3	89.3 BJ	< 7.4 J
Lead	5	< 2.8 J	< 2.8	< 1.4	3 J	< 2.8	< 1.4	< 2.8	< 2.8	1.5 BJ	< 1.4	< 1.4
Manganese	50	**1040 J**	**484**	2.4 B	**1470**	**1530**	**1120**	**487**	**335**	**333**	**242 J**	**238 J**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Result
OB Wells - Ringwood Mines/Landfill Site

Well		OB-25				OB-26	Peter's Mine Air Shaft	
Sample Name	**GWQS[1]**	**OB-25**	**OB-25**	**OB-25**	**OB-25**	**OB-25**	**PMPAS-180(080507)**	**PMPAS-230(080507)**
Sample Date		**11/30/2006**	**4/12/2007**	**10/12/2007**	**10/12/2007**	**5/9/2008**	**5/7/2008**	**5/7/2008**
VOC								
Benzene	1	< 0.21	< 0.21	< 0.19	<0.26	<0.26	< 0.26	**31.8**
Ethylbenzene	700	< 0.2	< 0.2	< 0.21	<0.27	<0.27	< 0.27	< 0.27
Toluene	1000	< 0.2	< 0.2	< 0.21	<0.15	<0.15	< 0.15	< 0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	< 0.42	< 0.42	< 0.35	<0.39	<0.39	< 0.39	4.7
Xylene. -o	NS	< 0.31	< 0.31	< 0.2	<0.45	<0.45	< 0.45	1.1
Xylenes	1,000	< 0.31	< 0.31	< 0.2	<0.39	<0.39	< 0.39	5.8
PCBs								
PCB 1016	0.5	< 0.11	< 0.1	< 0.11	< 0.1	< 0.094	< 0.1	< 0.098
PCB 1221	0.5	< 0.54	< 0.52	< 0.53	< 0.51	< 0.47	< 0.52	< 0.49
PCB 1232	0.5	< 0.45	< 0.43	< 0.44	< 0.42	< 0.39	< 0.43	< 0.41
PCB 1242	0.5	< 0.19	< 0.18	< 0.18	< 0.18	< 0.16	< 0.18	< 0.17
PCB 1248	0.5	< 0.18	< 0.17	< 0.17	< 0.16	< 0.15	< 0.17	< 0.16
PCB 1254	0.5	< 0.13	< 0.12	< 0.12	< 0.12	< 0.11	< 0.12	< 0.11
PCB 1260	0.5	< 0.13	< 0.13	< 0.13	< 0.13	< 0.12	< 0.13	< 0.12
Total PCBs		0	0	0	0	0	0	0
Metals -Total								
Arsenic	3	**9.1**	**7.1**	1.1 B	< 1.7 B	< 1.7	< 1.7	< 1.7
Iron	300	**45800**	**2280**	**942**	**894**	**339**	**339**	**148000**
Lead	5	**31.5**	**594**	3.1	1.7 B	< 1.4	< 1.4	**6.4**
Manganese	50	**3290**	**8270**	23.6	**124**	19.2	19.2	**2490**
Metals -Dissolved								
Arsenic	3	< 1.5	< 1.5	< 1.1	< 1.7 B	< 1.7	< 1.7	< 1.7
Iron	300	81.5 B	43.4 B	< 6.3	< 36.9 B	72.1 B	72.1 B	**132000**
Lead	5	< 2.8	< 2.8	1.5 B	1.5 B	< 1.4	< 1.4	**5.4**
Manganese	50	**1530**	**247**	9.1 B	**97.2**	9.8 B	9.8 B	**2460**

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Results
RW Wells - Ringwood Mines/Landfill Site

Well		RW-1							
Sample Name	**GWQS[1]**	**RW-1 (110104)**	**RW-1(125.5-151) (3/30/05)**	**RW-1(10-30)(4/1/05)**	**RW-1(58-78)(4/1/05)**	**RW-1(97-117)(4/1/05)**	**RW-1 (10-30)**	**RW-1 (58-78)**	**RW-1 (97-117)**
Sample Date		**11/1/2004**	**3/30/2005**	**4/1/2005**	**4/1/2005**	**4/1/2005**	**10/9/2006**	**10/9/2006**	**10/10/2006**
VOC									
Benzene	1	< 1	< 0.31	< 0.31	< 0.31	< 0.31	< 0.21	< 0.21	< 0.21
Ethylbenzene	700	< 1	< 0.27	< 0.27	< 0.27	< 0.27	< 0.2	< 0.2	< 0.2
Toluene	1000	< 1	1.4	< 0.14	0.86 J	1.3	2.8	3.7	0.81 J
Xylene, -m	NS	< 1	< 0.17	< 0.17	< 0.17	< 0.17	< 0.31	< 0.31	< 0.31
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	NA	NA
Xylene. -o	NS	< 1	< 0.36	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42	< 0.42
Xylenes	1,000	< 1	< 0.17	< 0.17	< 0.17	< 0.17	< 0.31	< 0.31	< 0.31
PCBs									
PCB 1016	0.5	< 0.53	< 0.075	< 0.083	< 0.076	< 0.079	< 0.1	< 0.1	< 0.094
PCB 1221	0.5	< 0.53	< 0.085	< 0.093	< 0.086	< 0.089	< 0.52	< 0.51	< 0.47
PCB 1232	0.5	< 0.53	< 0.12	< 0.14	< 0.13	< 0.13	< 0.43	< 0.42	< 0.39
PCB 1242	0.5	< 0.53	< 0.13	< 0.15	< 0.13	< 0.14	< 0.18	< 0.18	< 0.16
PCB 1248	0.5	< 0.53	< 0.072	< 0.079	< 0.073	< 0.076	< 0.17	< 0.17	< 0.15
PCB 1254	0.5	< 0.53	< 0.072	< 0.079	< 0.073	< 0.076	< 0.12	< 0.12	< 0.11
PCB 1260	0.5	< 0.53	< 0.1	< 0.11	< 0.1	< 0.11	< 0.13	< 0.13	< 0.12
Total PCBs	0.5	0	0	0	0	0	0	0	0
Metals -Total									
Arsenic	3	< 5	< 5	< 5	< 5	< 5	< 1.5	< 1.5	< 1.5
Iron	300	**5140**	101	**1050**	**662**	**346**	**3910**	**641**	**1410 J**
Lead	5	< 3	< 3	< 3	< 3	< 3	< 2.6	< 2.6	< 2.6 J
Manganese	50	32.2	16	21.1	18.9	23.8	**113**	18.9	**124**
Metals -Dissolved									
Arsenic	3	< 5	< 5	< 5	< 5	< 5	< 1.5	< 1.5	< 1.5
Iron	300	< 100	< 100	< 100	< 100	< 100	**5030**	< 67	< 67
Lead	5	< 3	< 3	< 3	< 3	< 3	< 2.6	< 2.6	4.5 J
Manganese	50	< 15	< 15	< 15	< 15	< 15	**118**	4 B	27.4

All results are in micrograms per liter (ug/L).
See footnotes for additional information.

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-1									
Sample Name	**GWQS[1]**	**RW-1 (125-145)**	**RW-1(10-31)(041807)**	**RW-1(58-79)(041807)**	**RW-1(97-118)(041807)**	**RW-1(125-146)(041807)**	**RW1(58-79)**	**RW1(97-118)**	**RW1(125-146)**	**RW1(11-31)**	**RW-1(126-146)**
Sample Date		**10/10/2006**	**4/18/2007**	**4/18/2007**	**4/18/2007**	**4/18/2007**	**10/10/2007**	**10/10/2007**	**10/10/2007**	**5/6/2008**	**5/7/2008**
VOC											
Benzene	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.19	< 0.19	< 0.19	< 0.26	< 0.26
Ethylbenzene	700	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21	< 0.27	< 0.27
Toluene	1000	0.74 J	2.3	2.2	1.3	1.3	0.88 J	0.69 J	0.54 J	10.8	5.6
Xylene, -m	NS	< 0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	< 0.42	< 0.42	< 0.42	< 0.42	< 0.35	< 0.35	< 0.35	< 0.39	< 0.39
Xylene. -o	NS	< 0.42	< 0.31	< 0.31	< 0.31	< 0.31	< 0.2	< 0.2	< 0.2	< 0.45	< 0.45
Xylenes	1,000	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.2	< 0.2	< 0.2	< 0.39	< 0.39
PCBs											
PCB 1016	0.5	< 0.1	< 0.11	< 0.098	< 0.094	< 0.11	< 0.094	< 0.094	< 0.094	< 0.094	< 0.1
PCB 1221	0.5	< 0.52	< 0.56	< 0.49	< 0.47	< 0.55	< 0.47	< 0.47	< 0.47	< 0.47	< 0.5
PCB 1232	0.5	< 0.43	< 0.46	< 0.41	< 0.39	< 0.46	< 0.39	< 0.39	< 0.39	< 0.39	< 0.41
PCB 1242	0.5	< 0.18	< 0.2	< 0.17	< 0.16	< 0.19	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17
PCB 1248	0.5	< 0.17	< 0.18	< 0.16	< 0.15	< 0.18	< 0.15	< 0.15	< 0.15	< 0.15	< 0.16
PCB 1254	0.5	< 0.12	< 0.13	< 0.11	< 0.11	< 0.13	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12
PCB 1260	0.5	< 0.13	< 0.14	< 0.12	< 0.12	< 0.14	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0
Metals -Total											
Arsenic	3	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.1	< 1.1	< 1.1	< 1.7	< 1.7
Iron	300	211 J	42.5 B	152	< 25	< 25	45.8 B	117	147	**699**	85.9 B
Lead	5	< 2.6	3.8	3.1	< 2.8	< 2.8	< 0.94	< 0.94	1.2 B	3.4	2.1 B
Manganese	50	44	19.4	28	2.5 BJ	15.7	3.2 B	7.8 B	26.3	24.9	23.4
Metals -Dissolved											
Arsenic	3	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.1	< 1.1	< 1.1	< 1.7	< 1.7
Iron	300	< 67	< 25	< 25	< 25	< 25	10.3 B	10.3 B	12.6 B	< 7.4	28 B
Lead	5	< 2.6	< 2.8	< 2.8	< 2.8	< 2.8	< 0.94	< 0.94	< 0.94	1.5 B	2.2 B
Manganese	50	34.7	10.4 B	5 B	0.99 B	11.6 B	2.2 B	1.9 B	19.4	6.1 B	22

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-1		
Sample Name	**GWQS[1]**	**RW1(59-79)**	**RW-1(98-118)**	**DUP-03(080507) (RW-1(98-118))**
Sample Date		**5/6/2008**	**5/7/2008**	**5/7/2008**
VOC				
Benzene	1	< 0.26	< 0.26	< 0.26
Ethylbenzene	700	< 0.27	< 0.27	< 0.27
Toluene	1000	3.5	8.1	6.9
Xylene, -m	NS	NA	NA	NA
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39
Xylene. -o	NS	< 0.45	< 0.45	< 0.45
Xylenes	1,000	< 0.39	< 0.39	< 0.39
PCBs				
PCB 1016	0.5	< 0.096	< 0.1	< 0.1
PCB 1221	0.5	< 0.48	< 0.5	< 0.52
PCB 1232	0.5	< 0.4	< 0.41	< 0.43
PCB 1242	0.5	< 0.17	< 0.17	< 0.18
PCB 1248	0.5	< 0.16	< 0.16	< 0.17
PCB 1254	0.5	< 0.11	< 0.12	< 0.12
PCB 1260	0.5	< 0.12	< 0.12	< 0.13
Total PCBs	0.5	0	0	0
Metals -Total				
Arsenic	3	< 1.7	< 1.7	< 1.7
Iron	300	150	32.7 B	97.9 B
Lead	5	2 B	< 1.4	1.9 B
Manganese	50	6.9 B	2.1 B	6.7 B
Metals -Dissolved				
Arsenic	3	< 1.7	< 1.7	< 1.7
Iron	300	38.6 B	12.8 B	11.6 B
Lead	5	2.2 B	< 1.4	2.6 B
Manganese	50	3.4 B	2.2 B	1.7 B

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-2						
Sample Name	**GWQS[1]**	**RW2(100-110)(081384)**	**RW2(110-120)(081384)**	**RW2(170-180)(081484)**	**RW2(220-230)(081584)**	**RW2(220-230)(081584)DUP**	**RW2-265-275(081684)**	**RW2-315-325(081684)**
Sample Date		**8/13/1984**	**8/13/1984**	**8/14/1984**	**8/15/1984**	**8/15/1984**	**8/16/1984**	**8/16/1984**
VOC								
Benzene	1	< 1	**3**	**9.1**	< 1	< 1	< 1	< 1
Ethylbenzene	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	1000	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylene, -m	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylene, -m,p	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylene. -o	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylenes	1,000	NA	NA	NA	NA	NA	NA	NA
PCBs								
PCB 1016	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1221	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1232	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1242	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1248	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1254	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1260	0.5	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.5	NA	NA	NA	NA	NA	NA	NA
Metals -Total								
Arsenic	3	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA
Metals -Dissolved								
Arsenic	3	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-2						
Sample Name	**GWQS[1]**	**RW2-360-370(081684)**	**RW2-360-370(081684)Dup**	**RW2-370-380(081684)**	**RW2-400-410(081684)**	**RW2-450-460(081684)**	**RW2(360-370)(082984)**	**RW2(360-370)(082984)DUP**
Sample Date		**8/16/1984**	**8/16/1984**	**8/16/1984**	**8/16/1984**	**8/16/1984**	**8/29/1984**	**8/29/1984**
VOC								
Benzene	1	< 1	< 1	< 1	< 1	< 1	< 1	NA
Ethylbenzene	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	1000	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylene, -m	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylene, -m,p	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylene. -o	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylenes	1,000	NA	NA	NA	NA	NA	NA	NA
PCBs								
PCB 1016	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1221	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1232	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1242	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1248	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1254	0.5	NA	NA	NA	NA	NA	NA	NA
PCB 1260	0.5	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.5	NA	NA	NA	NA	NA	NA	NA
Metals -Total								
Arsenic	3	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA
Metals -Dissolved								
Arsenic	3	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-2							
Sample Name	**GWQS[1]**	**RW2(360-370)(082984)-DUP**	**RW2(370-380)(082984)**	**RW2(400-410)(082984)**	**RW2(450-460)(082984)**	**RW2(250)(092084)**	**RW2(061386)**	**RW2(032488)**	**RW-2(103089)**
Sample Date		**8/29/1984**	**8/29/1984**	**8/29/1984**	**8/29/1984**	**9/20/1984**	**6/13/1986**	**3/24/1988**	**10/30/1989**
VOC									
Benzene	1	< 1	< 1	< 1	< 1	< 1	< 10	< 5	< 2
Ethylbenzene	700	NA	< 1	< 1	< 1	NA	< 10	< 5	< 2
Toluene	1000	NA	< 1	< 1	< 1	NA	< 10	< 5	< 2
Xylene, -m	NS	NA	< 1	< 1	< 1	NA	NA	< 5	< 2
Xylene, -m,p	NS	NA	< 1	< 1	< 1	NA	NA	< 5	< 2
Xylene. -o	NS	NA	< 1	< 1	< 1	NA	NA	NA	NA
Xylenes	1,000	NA	NA	NA	NA	NA	NA	NA	NA
PCBs									
PCB 1016	0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1221	0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1232	0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1242	0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1248	0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1254	0.5	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1260	0.5	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.5	NA	NA	NA	NA	NA	NA	NA	NA
Metals -Total									
Arsenic	3	NA	NA	NA	NA	NA	< 2	NA	< 2
Iron	300	NA	NA	NA	NA	NA	NA	NA	**10800 JMt**
Lead	5	NA	NA	NA	NA	NA	< 50	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA	**549**
Metals -Dissolved									
Arsenic	3	NA	NA	NA	NA	NA	NA	NA	NA
Iron	300	NA	NA	NA	NA	NA	NA	NA	NA
Lead	5	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	50	NA	NA	NA	NA	NA	NA	NA	NA

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-2									
Sample Name	**GWQS[1]**	**RW-2(012990)**	**RW-2(042390)**	**RW-2(072390)**	**RW-2 (102.5-132.0')**	**RW-2 (19.0-48.5')**	**RW-2 (161.0'-190.5')**	**RW-2 (278'-307.5')**	**RW-2 (441-470.5')**	**RW2-(19-49)**	**RW2-(102-132)**
Sample Date		**1/29/1990**	**4/23/1990**	**7/23/1990**	**10/26/2004**	**10/26/2004**	**10/27/2004**	**10/27/2004**	**10/28/2004**	**10/4/2006**	**10/4/2006**
VOC											
Benzene	1	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 0.21	< 0.21
Ethylbenzene	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 0.2	< 0.2
Toluene	1000	< 2	< 2	< 2	12.5	3.4	10.5	2.8	2.4	1.1	2.1
Xylene, -m	NS	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 0.31	< 0.31
Xylene, -m,p	NS	< 2	< 2	< 2	NA	NA	NA	NA	NA	NA	NA
Xylene. -o	NS	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	< 0.42	< 0.42
Xylenes	1,000	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	< 0.31	< 0.31
PCBs											
PCB 1016	0.5	NA	NA	NA	< 0.51	< 0.5	< 0.5	< 0.5	< 0.59	< 0.11	< 0.1
PCB 1221	0.5	NA	NA	NA	< 0.51	< 0.5	< 0.5	< 0.5	< 0.59	< 0.53	< 0.52
PCB 1232	0.5	NA	NA	NA	< 0.51	< 0.5	< 0.5	< 0.5	< 0.59	< 0.44	< 0.43
PCB 1242	0.5	NA	NA	NA	< 0.51	< 0.5	< 0.5	< 0.5	< 0.59	< 0.19	< 0.18
PCB 1248	0.5	NA	NA	NA	< 0.51	< 0.5	< 0.5	< 0.5	< 0.59	< 0.17	< 0.17
PCB 1254	0.5	NA	NA	NA	< 0.51	< 0.5	< 0.5	< 0.5	< 0.59	< 0.12	< 0.12
PCB 1260	0.5	NA	NA	NA	< 0.51	< 0.5	< 0.5	< 0.5	< 0.59	< 0.13	< 0.13
Total PCBs	0.5	NA	NA	NA	0	0	0	0	0	0	0
Metals -Total											
Arsenic	3	< 2	< 5	< 5	< 5	< 5	< 5	< 5	**6.8**	< 1.5	< 1.5
Iron	300	**15900 R**	**48700**	**15600**	**1540**	**466**	**25300**	**3270**	**2020**	**720**	**1260**
Lead	5	< 5	NA	NA	**7.3**	< 3	**64.6**	**7.6 J**	**45.5**	< 2.6	< 2.6
Manganese	50	**1010**	**719**	**725**	**2370**	**900**	**18900**	**3290**	**2700**	**630**	**1610**
Metals -Dissolved											
Arsenic	3	NA	NA	NA	< 5	< 5	< 5	< 5	< 5	< 1.5	< 1.5
Iron	300	NA	NA	NA	< 100	< 100	260 CJ	168 CJ	201	233	**303**
Lead	5	NA	NA	NA	< 3	< 3	< 3	< 3	**9.3**	< 2.6	3.2
Manganese	50	NA	NA	NA	**1140**	**754**	**1600**	**1310**	**1830**	**591**	**619**

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-2									
Sample Name	**GWQS[1]**	**RW-2 (161-191)**	**RW-2 (278-308)**	**RW-2(19-50)((041007)**	**RW-2(102-133)(041007)**	**RW-2(161-192)**	**RW-2(278-309)(041707)**	**RW-2(441-472)**	**RW2(161-192)**	**RW2(278-309)**	**RW2(441-472)**
Sample Date		**10/5/2006**	**10/6/2006**	**4/10/2007**	**4/10/2007**	**4/16/2007**	**4/17/2007**	**4/17/2007**	**10/16/2007**	**10/16/2007**	**10/17/2007**
VOC											
Benzene	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.19	< 0.19	< 0.19
Ethylbenzene	700	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.21	< 0.21	< 0.21
Toluene	1000	3.2	1.4	3.3	23	21.5	15.3	5.1	55.2	10	21
Xylene, -m	NS	< 0.31	< 0.31	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.35	< 0.35	< 0.35
Xylene. -o	NS	< 0.42	< 0.42	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.2	< 0.2	< 0.2
Xylenes	1,000	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.2	< 0.2	< 0.2
PCBs											
PCB 1016	0.5	< 0.11	< 0.1	< 0.099	< 0.094	< 0.094	< 0.094	< 0.094	< 0.1	< 0.1	< 0.099
PCB 1221	0.5	< 0.56	< 0.52	< 0.49	< 0.47	< 0.47	< 0.47	< 0.47	< 0.5	< 0.52	< 0.49
PCB 1232	0.5	< 0.46	< 0.43	< 0.41	< 0.39	< 0.39	< 0.39	< 0.39	< 0.41	< 0.43	< 0.41
PCB 1242	0.5	< 0.2	< 0.18	< 0.17	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17	< 0.18	< 0.17
PCB 1248	0.5	< 0.18	< 0.17	< 0.16	< 0.15	< 0.15	< 0.15	< 0.15	< 0.16	< 0.17	< 0.16
PCB 1254	0.5	< 0.13	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.11
PCB 1260	0.5	< 0.14	< 0.13	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.13	< 0.12
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0
Metals -Total											
Arsenic	3	**3.6**	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.1	< 1.1	1.3 B
Iron	300	**12400**	**971**	**4580**	**7880**	**4690**	**1740**	**2170**	**653 J**	**1650 J**	**1140 J**
Lead	5	**16.5 J**	2.8 B	4.1	**11.2**	**14**	**5.9**	< 2.8	1.4 B	3.2	3.3
Manganese	50	**4170**	**1060**	**843**	**2590**	**3290**	**1350**	**1150**	**1510 J**	**1750 J**	**1510 J**
Metals -Dissolved											
Arsenic	3	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.1	< 1.1	< 1.1
Iron	300	206	163	205	216	179	55.4 B	< 25	16.5 BJ	22.5 BJ	34 BJ
Lead	5	< 2.6	3.6	< 2.8	< 2.8	< 2.8	**5.2**	< 2.8	< 0.94	< 0.94	< 0.94
Manganese	50	**702**	**517**	**816**	**298**	**463**	**311**	**201**	**1230 J**	**1040 J**	**1120 J**

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well					RW-3								
Sample Name	**GWQS[1]**	**RW-2 (442-472)**	**RW-2(103-133)**	**RW-2(20-50)**	**RW-3(092084)**	**RW3(061486)**	**RW3(032488)**	**RW-3(103089)**	**RW-3(012990)**	**RW-3(042390)**	**RW-3(072390)**	**RW3(011492)**	**RW003(073092)**
Sample Date		**5/5/2008**	**5/1/2008**	**5/1/2008**	**9/20/1984**	**6/14/1986**	**3/24/1988**	**10/30/1989**	**1/29/1990**	**4/23/1990**	**7/23/1990**	**1/14/1992**	**7/30/1992**
VOC													
Benzene	1	< 0.26	< 0.26	< 0.26	< 10	< 10	< 5	< 2	< 2	< 2	< 2	< 1	**6**
Ethylbenzene	700	< 0.27	< 0.27	< 0.27	< 10	< 10	< 5	< 2	< 2	< 2	< 2	< 5	< 5
Toluene	1000	12.5	72.4	28.5	< 10	< 10	< 5	< 2	< 2	< 2	< 2	< 5	< 5
Xylene, -m	NS	NA	NA	NA	NA	NA	< 5	< 2	< 2	< 2	< 2	< 5	< 5
Xylene, -m,p	NS	< 0.39	< 0.39	< 0.39	NA	NA	< 5	< 2	< 2	< 2	< 2	NA	NA
Xylene. -o	NS	< 0.45	< 0.45	< 0.45	NA	NA	NA	NA	NA	NA	NA	< 5	< 5
Xylenes	1,000	< 0.39	< 0.39	< 0.39	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs													
PCB 1016	0.5	NA	< 0.094	< 0.1	< 1	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1221	0.5	NA	< 0.47	< 0.52	< 1	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1232	0.5	NA	< 0.39	< 0.43	< 1	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1242	0.5	NA	< 0.16	< 0.18	< 1	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1248	0.5	NA	< 0.15	< 0.17	< 1	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1254	0.5	NA	< 0.11	< 0.12	< 1	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1260	0.5	NA	< 0.12	< 0.13	< 1	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.5	NA	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA
Metals -Total													
Arsenic	3	< 1.7	< 1.7	< 1.7	< 5	< 2	NA	< 2	< 2	< 5	< 5	**5**	**34.4**
Iron	300	**2150**	**655**	**2710**	160	NA	NA	**5990 JMt**	**14500**	**40000**	**11100**	**47200**	**87700**
Lead	5	**22.2**	**5.4**	4.3	**50**	< 50	NA	NA	< 5	NA	NA	< 20.8	**34.1**
Manganese	50	**1570**	**442**	**369**	**130**	NA	NA	**218**	**255**	**891**	**206**	**1100**	**2160**
Metals -Dissolved													
Arsenic	3	< 1.7	< 1.7	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	300	< 9.7 B	19.3 B	37.1 B	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	5	3.9	2.1 B	2.9 B	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	50	< 731 B	**164**	**275**	NA	NA	NA	NA	NA	NA	NA	NA	NA

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-3										
Sample Name	**GWQS[1]**	**RW003(021893)**	**RW-3(021893)**	**RW-3(072793)**	**RW3(022295)**	**RW3(022695)**	**RW3(080795)**	**RW-3 (65-100')**	**RW-3(65-100)**	**RW-3(62-98)(040507)**	**RW3(62-98)**	**RW-3(62-98)**
Sample Date		**2/18/1993**	**2/18/1993**	**7/27/1993**	**2/22/1995**	**2/26/1995**	**8/7/1995**	**10/29/2004**	**9/29/2006**	**4/5/2007**	**10/12/2007**	**4/30/2008**
VOC												
Benzene	1	NA	< 1	< 1	< 1	NA	< 1	< 1	< 0.21	< 0.21	< 0.19	< 0.26
Ethylbenzene	700	NA	< 5	< 5	< 10	NA	< 10	< 1	< 0.2	< 0.2	< 0.21	< 0.27
Toluene	1000	NA	< 5	< 5	< 10	NA	< 10	0.62 J	1.4	3.1	< 0.21	3.1
Xylene, -m	NS	NA	< 5	< 5	< 10	NA	< 10	< 1	< 0.31	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	NA	NA	0.61 J	< 0.35	< 0.39
Xylene. -o	NS	NA	< 5	< 5	< 10	NA	< 10	< 1	< 0.42	< 0.31	< 0.2	< 0.45
Xylenes	1,000	NA	NA	NA	NA	NA	NA	< 1	< 0.31	0.61 J	< 0.2	< 0.39
PCBs												
PCB 1016	0.5	NA	NA	NA	NA	NA	NA	< 0.5	< 0.1	< 0.1	< 0.094	< 0.1
PCB 1221	0.5	NA	NA	NA	NA	NA	NA	< 0.5	< 0.52	< 0.52	< 0.47	< 0.51
PCB 1232	0.5	NA	NA	NA	NA	NA	NA	< 0.5	< 0.43	< 0.43	< 0.39	< 0.42
PCB 1242	0.5	NA	NA	NA	NA	NA	NA	< 0.5	< 0.18	< 0.18	< 0.16	< 0.18
PCB 1248	0.5	NA	NA	NA	NA	NA	NA	< 0.5	< 0.17	< 0.17	< 0.15	< 0.17
PCB 1254	0.5	NA	NA	NA	NA	NA	NA	< 0.5	< 0.12	< 0.12	< 0.11	< 0.12
PCB 1260	0.5	NA	NA	NA	NA	NA	NA	< 0.5	< 0.13	< 0.13	< 0.12	< 0.13
Total PCBs	0.5	NA	NA	NA	NA	NA	NA	0	0	0	0	0
Metals -Total												
Arsenic	3	2.6 B	NA	< 2	NA	< 2	< 1	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	**23900**	NA	**5200**	NA	**8010**	**2460**	**3450 J**	**407**	240	**3470**	**1520**
Lead	5	**6.3**	NA	< 1.3	NA	< 2	< 0.48	< 3	< 2.6	3	< 0.94	4.7
Manganese	50	**551**	NA	**184**	NA	**110**	**71**	**140**	**150**	**101**	**172**	**149 J**
Metals -Dissolved												
Arsenic	3	NA	NA	NA	NA	NA	NA	< 5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	NA	NA	NA	NA	NA	NA	166	157	25.3 B	32.7 B	42.1 B
Lead	5	NA	NA	NA	NA	NA	NA	< 3	< 2.6	< 2.8	< 0.94	2.3 B
Manganese	50	NA	NA	NA	NA	NA	NA	**128**	**144**	**103**	**146**	**116 J**

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-4									
Sample Name	**GWQS[1]**	**RW-4(092084)**	**RW-4(092084) Dup**	**RW4(115)(092084)**	**RW4(250)(092084)**	**RW4(330)(092084)**	**RW4(400)(092084)**	**RW4(061486)**	**RW4(032488)**	**RW-4 (56.5-75.5')**	**RW-4 (108-127')**
Sample Date		**9/3/1984**	**9/3/1984**	**9/3/1984**	**9/3/1984**	**9/3/1984**	**9/3/1984**	**6/14/1986**	**3/24/1988**	**10/22/2004**	**10/22/2004**
VOC											
Benzene	1	< 10	< 10	< 1	< 1	< 1	< 1	< 10	< 5	< 0.31	< 0.31
Ethylbenzene	700	< 10	< 10	< 1	< 1	< 1	< 1	< 10	< 5	< 0.27	< 0.27
Toluene	1000	< 10	< 10	< 1	< 1	< 1	< 1	< 10	< 5	2.6	0.49 J
Xylene, -m	NS	NA	NA	< 1	< 1	< 1	< 1	NA	< 5	< 0.17	< 0.17
Xylene, -m,p	NS	NA	NA	< 1	< 1	< 1	< 1	NA	< 5	NA	NA
Xylene. -o	NS	NA	NA	< 1	< 1	< 1	< 1	NA	NA	< 0.36	< 0.36
Xylenes	1,000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.17	< 0.17
PCBs											
PCB 1016	0.5	< 1	< 1	NA	NA	NA	NA	NA	NA	< 0.075	< 0.075
PCB 1221	0.5	< 1	< 1	NA	NA	NA	NA	NA	NA	< 0.085	< 0.085
PCB 1232	0.5	< 1	< 1	NA	NA	NA	NA	NA	NA	< 0.12	< 0.12
PCB 1242	0.5	< 1	< 1	NA	NA	NA	NA	NA	NA	< 0.13	< 0.13
PCB 1248	0.5	< 1	< 1	NA	NA	NA	NA	NA	NA	< 0.072	< 0.072
PCB 1254	0.5	< 1	< 1	NA	NA	NA	NA	NA	NA	< 0.072	< 0.072
PCB 1260	0.5	< 1	< 1	NA	NA	NA	NA	NA	NA	< 0.1	< 0.1
Total PCBs	0.5	0	0	NA	NA	NA	NA	NA	NA	0	0
Metals -Total											
Arsenic	3	< 5	< 5	NA	NA	NA	NA	< 2	NA	< 5	< 5
Iron	300	**420**	**390**	NA	NA	NA	NA	NA	NA	**1520**	**1060**
Lead	5	< 50	< 50	NA	NA	NA	NA	< 50	NA	4.4	**18.6**
Manganese	50	< 20	< 20	NA	NA	NA	NA	NA	NA	16.3 J	< 15 J
Metals -Dissolved											
Arsenic	3	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5
Iron	300	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100
Lead	5	NA	NA	NA	NA	NA	NA	NA	NA	< 3	< 3
Manganese	50	NA	NA	NA	NA	NA	NA	NA	NA	< 15 J	< 15 J

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-4									
Sample Name	**GWQS[1]**	**RW-4 (328-347')**	**RW-4 (388-407')**	**RW-4 (57-77)**	**RW-4 (108-128)**	**RW-4 (328-348)**	**RW-4 (388-408)**	**RW-4(56-77)(040607)**	**RW-4(108-129)**	**RW-4(328-349)(040907)**	**RW-4(388-409)(040907)**
Sample Date		**10/25/2004**	**10/25/2004**	**10/2/2006**	**10/2/2006**	**10/3/2006**	**10/3/2006**	**4/6/2007**	**4/9/2007**	**4/9/2007**	**4/9/2007**
VOC											
Benzene	1	< 0.31	< 0.31	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Ethylbenzene	700	1.4	1.3	< 0.2	< 0.2	< 0.2	< 0.2	0.29 J	< 0.2	< 0.2	< 0.2
Toluene	1000	21.2	17.8	2.1	< 0.2	< 0.2	0.45 J	21.7	1.1	2.1	1.2
Xylene, -m	NS	0.61 J	0.59 J	< 0.31	< 0.31	< 0.31	< 0.31	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	0.88 J	< 0.42	< 0.42	< 0.42
Xylene. -o	NS	3.9	3.4	< 0.42	< 0.42	< 0.42	< 0.42	< 0.31	< 0.31	< 0.31	< 0.31
Xylenes	1,000	4.6	4	< 0.31	< 0.31	< 0.31	< 0.31	1.1	< 0.31	< 0.31	< 0.31
PCBs											
PCB 1016	0.5	< 0.076	< 0.076	< 0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.099
PCB 1221	0.5	< 0.086	< 0.086	< 0.56	< 0.52	< 0.52	< 0.52	< 0.51	< 0.52	< 0.51	< 0.49
PCB 1232	0.5	< 0.13	< 0.13	< 0.46	< 0.43	< 0.43	< 0.43	< 0.42	< 0.43	< 0.42	< 0.41
PCB 1242	0.5	< 0.13	< 0.13	< 0.2	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.17
PCB 1248	0.5	< 0.073	< 0.073	< 0.18	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.16
PCB 1254	0.5	< 0.073	< 0.073	< 0.13	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.11
PCB 1260	0.5	< 0.1	< 0.1	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.12
Total PCBs	0.5	0	0	0	0	0	0	0	0	0	0
Metals -Total											
Arsenic	3	< 5	< 5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Iron	300	**20000**	**15900**	**33000**	**786**	**475**	**725**	**12400**	**487**	**1350**	**651**
Lead	5	**12.6**	**12.5**	**6.3**	< 2.6	< 2.6	3.7	5	< 2.8	< 2.8	3 B
Manganese	50	**80.5 J**	**62.5 J**	**130**	3.6 B	4.3 BJ	4 BJ	**55.9**	3.1 B	6.4 B	3.3 B
Metals -Dissolved											
Arsenic	3	< 5	< 5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Iron	300	< 100	< 100	154	67.7 B	< 67	< 67	62.1 B	< 25	< 25	< 25
Lead	5	< 3	3	< 2.6	< 2.6	< 2.6	< 2.6	< 2.8	< 2.8	< 2.8	< 2.8
Manganese	50	23.4 J	18.8 J	39.4	2.4 B	4.1 BJ	2.4 BJ	24.9	2.3 B	3 B	1.7 B

All results are in micrograms per liter (u
See footnotes for additional informatior

Ringwood Mines/Landfill Site
Ringwood, New Jersey

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-4							
Sample Name	**GWQS[1]**	**RW4 (56-77)**	**RW4 (108-129)**	**RW4 (328-349)**	**RW4 (388-409)**	**RW-4(108-128)**	**RW-4(328-348)**	**RW-4(388-408)**	**RW-4(57-77)**
Sample Date		**10/11/2007**	**10/11/2007**	**10/11/2007**	**10/11/2007**	**4/29/2008**	**4/29/2008**	**4/29/2008**	**4/28/2008**
VOC									
Benzene	1	< 0.19	< 0.19	< 0.19	< 0.19	< 0.26	< 0.26	< 0.26	< 0.26
Ethylbenzene	700	1.3	< 0.21	< 0.21	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27
Toluene	1000	97.1	0.95 J	1.1	0.54 J	7.8	2.2	1.4	24.9
Xylene, -m	NS	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	4.5	< 0.35	< 0.35	< 0.35	< 0.39	< 0.39	< 0.39	< 0.39
Xylene. -o	NS	0.95 J	< 0.2	< 0.2	< 0.2	< 0.45	< 0.45	< 0.45	< 0.45
Xylenes	1,000	5.4	< 0.2	< 0.2	< 0.2	< 0.39	< 0.39	< 0.39	< 0.39
PCBs									
PCB 1016	0.5	< 0.099	< 0.094	< 0.1	< 0.094	< 0.1	< 0.1	< 0.1	< 0.099
PCB 1221	0.5	< 0.49	< 0.47	< 0.51	< 0.47	< 0.51	< 0.5	< 0.51	< 0.49
PCB 1232	0.5	< 0.41	< 0.39	< 0.42	< 0.39	< 0.42	< 0.42	< 0.42	< 0.41
PCB 1242	0.5	< 0.17	< 0.16	< 0.18	< 0.16	< 0.18	< 0.18	< 0.18	< 0.17
PCB 1248	0.5	< 0.16	< 0.15	< 0.16	< 0.15	< 0.16	< 0.16	< 0.17	< 0.16
PCB 1254	0.5	< 0.11	< 0.11	< 0.12	< 0.11	< 0.12	< 0.12	< 0.12	< 0.11
PCB 1260	0.5	< 0.12	< 0.12	< 0.13	< 0.12	< 0.13	< 0.13	< 0.13	< 0.12
Total PCBs	0.5	0	0	0	0	0	0	0	0
Metals -Total									
Arsenic	3	< 1.1	< 1.1	< 1.1	< 1.1	< 1.7	< 1.7	< 1.7	< 1.7
Iron	300	**1170**	**765**	**798**	**2890**	**602**	**316**	**1170**	**1180**
Lead	5	1.6 B	< 0.94	2.1 B	2.4 B	3.1	2.5 B	3.3	3.4
Manganese	50	35.6	2.2 B	4.7 B	9.9 B	5.8 B	1.8 B	5.3 B	17.2
Metals -Dissolved									
Arsenic	3	< 1.1	1.5 B	< 1.1	< 1.1	< 1.7	< 1.7	< 1.7	< 1.7
Iron	300	36.9 B	< 6.3	31.6 J	26.9 J	11.3 B	9.7 B	12 B	54.1 B
Lead	5	< 0.94	< 0.94	< 0.94	< 0.94	< 1.4	1.8 B	< 1.4	< 1.4
Manganese	50	32.9	1 BJ	3.8 B	4.3 B	4.5 B	1.1 B	2 B	12.5 B

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-5										
Sample Name	**GWQS[1]**	**19BR-(65-75)**	**19BR-(100-120)**	**RW-05(40-51)**	**RW-05(53-64)**	**RW-5(64-75)**	**RW-5 (100-120)**	**RW-5(65-76)(041207)**	**RW-5(97-118)**	**RW-5(40-51)(041307)**	**RW-5(071015)**	**RW-5(080502)**
Sample Date		**5/16/2006**	**5/17/2006**	**9/27/2006**	**9/27/2006**	**9/29/2006**	**10/5/2006**	**4/12/2007**	**4/12/2007**	**4/13/2007**	**10/15/2007**	**5/2/2008**
VOC												
Benzene	1	**3.4**	**3**	1	**3**	< 0.21	**1.8**	**1.5**	**2.6**	**1.9**	**1.8**	0.89 J
Ethylbenzene	700	5.8	< 0.2	0.67 J	0.38 J	< 0.2	< 0.2	0.32 J	< 0.2	0.33 J	< 0.21	< 0.27
Toluene	1000	28.2	6.4	21.8	2	0.71 J	7.2	27.1 J	89.7	31.5	< 0.21	< 0.15
Xylene, -m	NS	13.1	0.67 J	0.86 J	< 0.31	< 0.31	< 0.31	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	0.97 J	0.44 J	1.2	< 0.35	< 0.39
Xylene. -o	NS	35.1	3	2.1	6	< 0.42	< 0.42	< 0.31	< 0.31	0.34 J	< 0.2	< 0.45
Xylenes	1,000	48.3	3.7	2.9	6	< 0.31	< 0.31	0.97	0.44 J	1.5	< 0.2	< 0.39
PCBs												
PCB 1016	0.5	NA	< 0.094	< 0.15	< 0.11	< 0.11	< 0.11	< 0.094	< 0.1	< 0.094	< 0.1	< 0.1
PCB 1221	0.5	NA	< 0.47	< 0.76	< 0.55	< 0.53	< 0.54	< 0.47	< 0.51	< 0.47	< 0.51	< 0.5
PCB 1232	0.5	NA	< 0.39	< 0.63	< 0.45	< 0.44	< 0.45	< 0.39	< 0.42	< 0.39	< 0.42	< 0.41
PCB 1242	0.5	NA	< 0.16	< 0.26	< 0.19	< 0.18	< 0.19	< 0.16	< 0.18	< 0.16	< 0.18	< 0.17
PCB 1248	0.5	NA	< 0.15	< 0.25	< 0.18	< 0.17	< 0.18	< 0.15	< 0.16	< 0.15	< 0.16	< 0.16
PCB 1254	0.5	NA	< 0.11	< 0.18	< 0.13	< 0.12	< 0.13	< 0.11	< 0.12	< 0.11	< 0.12	< 0.12
PCB 1260	0.5	NA	< 0.12	< 0.19	< 0.14	< 0.13	< 0.13	< 0.12	< 0.13	< 0.12	< 0.13	< 0.12
Total PCBs	0.5	NA	0	0	0	0	0	0	0	0	0	0
Metals -Total												
Arsenic	3	**17.7**	< 3.1	1.7 B	< 1.5	< 1.5	**4.7**	< 1.5	< 1.5	< 1.5	< 1.1	**4.1**
Iron	300	**14900 J**	**2510 J**	**7050**	**39300**	**4860**	**5350**	**12200**	**1980**	**21400**	**4700**	**15200**
Lead	5	**39.8**	3.3	**68.4**	< 2.6	**24.7**	**32.7**	**13.9**	**7**	**44.3**	1.5 B	< 1.4
Manganese	50	**8270**	**2460**	**1610**	**12400**	**4140**	**1890**	**3550**	**5340**	**3970**	**5050**	**4890**
Metals -Dissolved												
Arsenic	3	NA	< 3.1	< 1.5	< 1.5	< 1.5	< 1.5	NA	< 1.5	< 0.94	< 1.1	< 1.7
Iron	300	NA	235 J	**2490**	**39700**	67.4 B	118	NA	**950**	< 25	**1280**	**1210**
Lead	5	NA	< 2.6	< 2.6	< 2.6	< 7.8	< 2.6	NA	4.6	< 2.8	1 B	< 1.4
Manganese	50	NA	**2160 J**	**1610**	**12600**	**4070**	**1980**	NA	**5330**	**2920**	**4860**	**4720**

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-5A	
Sample Name	**GWQS[1]**	**RW-5A(071015)**	**RW-5A(080429)**
Sample Date		**10/15/2007**	**4/29/2008**
VOC			
Benzene	1	< 0.19	< 0.26
Ethylbenzene	700	< 0.21	< 0.27
Toluene	1000	< 0.21	< 0.15
Xylene, -m	NS	NA	NA
Xylene, -m,p	NS	< 0.35	< 0.39
Xylene. -o	NS	< 0.2	< 0.45
Xylenes	1,000	< 0.2	< 0.39
PCBs			
PCB 1016	0.5	< 0.1	< 0.094
PCB 1221	0.5	< 0.51	< 0.47
PCB 1232	0.5	< 0.42	< 0.39
PCB 1242	0.5	< 0.18	< 0.16
PCB 1248	0.5	< 0.17	< 0.15
PCB 1254	0.5	< 0.12	< 0.11
PCB 1260	0.5	< 0.13	< 0.12
Total PCBs	0.5	0	0
Metals -Total			
Arsenic	3	< 1.1	**8.6**
Iron	300	**524**	**704**
Lead	5	1.9 B	2.9 B
Manganese	50	**364**	**123**
Metals -Dissolved			
Arsenic	3	< 1.1	**11.8**
Iron	300	< 6.3	50.6 B
Lead	5	< 0.94	2.5 B
Manganese	50	**396**	7.2 B

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-6									
Sample Name	**GWQS[1]**	**20BR-(53-64)**	**20BR-(70-81)**	**20BR-(100-120)**	**RW-06(70-81)**	**RW-6 (100-120)**	**RW-06(53-64) (040207)**	**RW-06(70-81)(040307)**	**RW-6(98-119)(040507)**	**RW-6 (071011)**	**RW-6(080502)**
Sample Date		**5/11/2006**	**5/11/2006**	**5/12/2006**	**9/27/2006**	**10/10/2006**	**4/2/2007**	**4/3/2007**	**4/6/2007**	**10/11/2007**	**5/2/2008**
VOC											
Benzene	1	**2.9**	**2.6**	**3.8**	**2.6**	**4**	**2.6**	**1.9**	**2.7**	**2.6**	**1.7**
Ethylbenzene	700	0.56 J	0.88 J	0.28 J	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.21	< 0.27
Toluene	1000	2.4	0.95 J	25.7	3.8	2.2	0.54 J	0.69 J	88.4	< 0.21	< 0.15
Xylene, -m	NS	0.44 J	< 0.31	< 0.31	< 0.31	< 0.31	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	NA	NA	NA	NA	6.5	0.55 J	2	< 0.35	< 0.39
Xylene. -o	NS	7.1	6.2	2.2	3.3	< 0.42	< 0.31	< 0.31	< 0.31	< 0.2	< 0.45
Xylenes	1,000	7.6	6.2	2.2	3.3	< 0.31	6.5	0.55 J	2	< 0.2	< 0.39
PCBs											
PCB 1016	0.5	< 0.098	< 0.094	NA	< 0.11	< 0.12	< 0.11	< 0.1	< 0.1	< 0.094	< 0.1
PCB 1221	0.5	< 0.49	< 0.47	NA	< 0.53	< 0.59	< 0.53	< 0.52	< 0.51	< 0.47	< 0.52
PCB 1232	0.5	< 0.41	< 0.39	NA	< 0.44	< 0.49	< 0.44	< 0.43	< 0.42	< 0.39	< 0.43
PCB 1242	0.5	< 0.17	< 0.16	NA	< 0.19	< 0.21	< 0.18	< 0.18	< 0.18	< 0.16	< 0.18
PCB 1248	0.5	< 0.16	< 0.15	NA	< 0.17	< 0.19	< 0.17	< 0.17	< 0.16	< 0.15	< 0.17
PCB 1254	0.5	< 0.11	< 0.11	NA	< 0.12	< 0.14	< 0.12	< 0.12	< 0.12	< 0.11	< 0.12
PCB 1260	0.5	< 0.12	< 0.12	NA	< 0.13	< 0.15	< 0.13	< 0.13	< 0.13	< 0.12	< 0.13
Total PCBs	0.5	0	0	NA	0	0	0	0	0	0	0
Metals -Total											
Arsenic	3	< 8	< 8	< 8	< 1.5	< 1.5	1.7 B	< 1.5	< 1.5	2.5 B	**3.8**
Iron	300	**30200**	**9600**	**30500**	**14900**	**33200 J**	**44100**	**16000**	**39200**	**50800**	**36400**
Lead	5	3.2	< 3	**16.1**	< 2.6	**6.9 J**	4.5	**32.3 J**	4.6	< 0.94	1.5 B
Manganese	50	**12000**	**12000**	**7340**	**12400**	**7440**	**11700**	**11300**	**6620**	**5210**	**6640**
Metals -Dissolved											
Arsenic	3	< 8	< 8	NA	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	1.2 B	2.5 B
Iron	300	**22200**	**6530**	NA	**11900**	**30000 J**	**42800**	**15200**	**36800**	**29700**	**7550**
Lead	5	< 3	< 3	NA	< 2.6	3.1 J	2.9 B	< 2.8	< 2.8	1.3 B	< 1.4
Manganese	50	**11700**	**11200**	NA	**12000**	**7410**	**11700**	**11300**	**6460**	**5360**	**6140**

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		**RW-6A**	
Sample Name	**GWQS[1]**	**RW-6A(071016)**	
Sample Date		**10/16/2007**	
VOC			
Benzene	1	**5.5**	**1.7**
Ethylbenzene	700	15.2	< 0.27
Toluene	1000	< 0.21	< 0.15
Xylene, -m	NS	NA	NA
Xylene, -m,p	NS	240	1.8
Xylene. -o	NS	2.6	< 0.45
Xylenes	1,000	242	1.8
PCBs			
PCB 1016	0.5	< 0.1	< 0.1
PCB 1221	0.5	< 0.5	< 0.52
PCB 1232	0.5	< 0.41	< 0.43
PCB 1242	0.5	< 0.17	< 0.18
PCB 1248	0.5	< 0.16	< 0.17
PCB 1254	0.5	< 0.12	< 0.12
PCB 1260	0.5	< 0.12	< 0.13
Total PCBs	0.5	0	0
Metals -Total			
Arsenic	3	< 1.1	2.9 B
Iron	300	**11700 J**	**9290**
Lead	5	< 0.94	2.8 B
Manganese	50	**11200**	**10200 J**
Metals -Dissolved			
Arsenic	3	< 1.1	1.8 B
Iron	300	**5520 J**	**331**
Lead	5	< 0.94	1.8 B
Manganese	50	**11100**	**10000 J**

All results are in micrograms per liter (u
See footnotes for additional informatior

Ringwood Mines/Landfill Site
Ringwood, New Jersey

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-7							
Sample Name	**GWQS[1]**	**21BR-(34-45)**	**21BR-(49-60)**	**21BR(80-100)**	**21BR(105-120)**	**RW-07(34-35)**	**RW-07(49-60)**	**RW-07(80-100)**	**RW-07(105-120)**
Sample Date		**5/9/2006**	**5/9/2006**	**5/10/2006**	**5/10/2006**	**9/26/2006**	**9/26/2006**	**9/28/2006**	**9/28/2006**
VOC									
Benzene	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
Ethylbenzene	700	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Toluene	1000	0.98 J	1.1	0.79 J	3.4	20.6	3.7	1	1.8
Xylene, -m	NS	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
Xylene, -m,p	NS	NA	NA	NA	NA	NA	NA	NA	NA
Xylene. -o	NS	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
Xylenes	1,000	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
PCBs									
PCB 1016	0.5	< 0.1	< 0.094	< 0.094	< 0.094	< 0.094	< 0.094	< 0.098	< 0.1
PCB 1221	0.5	< 0.51	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.49	< 0.51
PCB 1232	0.5	< 0.42	< 0.39	< 0.39	< 0.39	< 0.39	< 0.39	< 0.41	< 0.42
PCB 1242	0.5	< 0.18	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17	< 0.18
PCB 1248	0.5	< 0.17	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.16	< 0.17
PCB 1254	0.5	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12
PCB 1260	0.5	< 0.13	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.13
Total PCBs	0.5	0	0	0	0	0	0	0	0
Metals -Total									
Arsenic	3	< 8	< 8	< 8	< 8	< 1.5	< 1.5 J	< 1.5	< 1.5
Iron	300	**8360**	**2160**	**416**	147	**1570**	**997**	**378**	175
Lead	5	< 3 J	< 3 J	< 3	< 3	< 2.6	< 2.6	< 2.6	< 2.6
Manganese	50	**92.4 J**	18.7 J	< 15	< 15	23	6.6 BJ	8.5 B	6.8 B
Metals -Dissolved									
Arsenic	3	< 8	< 8	< 8	< 8	< 1.5	1.8 BJ	< 1.5	< 1.5
Iron	300	< 100	< 100	< 100	< 100	108	90.9 B	85.9 B	< 67
Lead	5	< 3 J	< 3 J	< 3	3.8	< 2.6	< 2.6	< 2.6	< 2.6
Manganese	50	26.6 J	< 15 J	< 15	< 15	12.9 B	4.6 BJ	5.5 B	5.6 B

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

Well		RW-7					
Sample Name	**GWQS[1]**	**RW-07(34-45)(040307)**	**RW-07(80-101)(040307)**	**RW-7(49-60) (040407)**	**RW-7(103-119) (040407)**	**RW-7(071015)**	**RW-7 (080505)**
Sample Date		**4/3/2007**	**4/3/2007**	**4/4/2007**	**4/4/2007**	**10/15/2007**	**5/5/2008**
VOC							
Benzene	1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.19	< 0.26
Ethylbenzene	700	< 0.2	< 0.2	< 0.2	< 0.2	< 0.21	< 0.27
Toluene	1000	0.54 J	2.6	2.7	1.8	< 0.21	< 0.15
Xylene, -m	NS	NA	NA	NA	NA	NA	NA
Xylene, -m,p	NS	< 0.42	< 0.42	< 0.42	< 0.42	< 0.35	< 0.39
Xylene. -o	NS	< 0.31	< 0.31	< 0.31	< 0.31	< 0.2	< 0.45
Xylenes	1,000	< 0.31	< 0.31	< 0.31	< 0.31	< 0.2	< 0.39
PCBs							
PCB 1016	0.5	< 0.11	< 0.1	< 0.1 J	< 0.094	< 0.094	< 0.094
PCB 1221	0.5	< 0.53	< 0.52	< 0.51 J	< 0.47	< 0.47	< 0.47
PCB 1232	0.5	< 0.44	< 0.43	< 0.42 J	< 0.39	< 0.39	< 0.39
PCB 1242	0.5	< 0.18	< 0.18	< 0.18 J	< 0.16	< 0.16	< 0.16
PCB 1248	0.5	< 0.17	< 0.17	< 0.16 J	< 0.15	< 0.15	< 0.15
PCB 1254	0.5	< 0.12	< 0.12	< 0.12 J	< 0.11	< 0.11	< 0.11
PCB 1260	0.5	< 0.13	< 0.13	< 0.13 J	< 0.12	< 0.12	< 0.12
Total PCBs	0.5	0	0	0	0	0	0
Metals -Total							
Arsenic	3	< 1.5	< 1.5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	**3150**	**490**	**489**	213	**342**	< 186 B
Lead	5	< 2.8	< 2.8	< 2.8	< 2.8	< 0.94	1.5 B
Manganese	50	**63.9**	7.6 B	8 B	4.3 B	6.9 B	< 1.7 B
Metals -Dissolved							
Arsenic	3	< 1.5	< 1.5	< 1.5	< 1.5	< 1.1	< 1.7
Iron	300	55.5 B	< 25	< 25	35 B	< 6.3	< 21 B
Lead	5	< 2.8	< 2.8	< 2.8	< 2.8	< 0.94	< 1.4
Manganese	50	8.2 B	4.1 B	3.4 B	2.8 B	6 BJ	< 1 B

All results are in micrograms per liter (u
See footnotes for additional informatior

Table 6. Historical Well Sampling Re
RW Wells - Ringwood Mines/Landfill

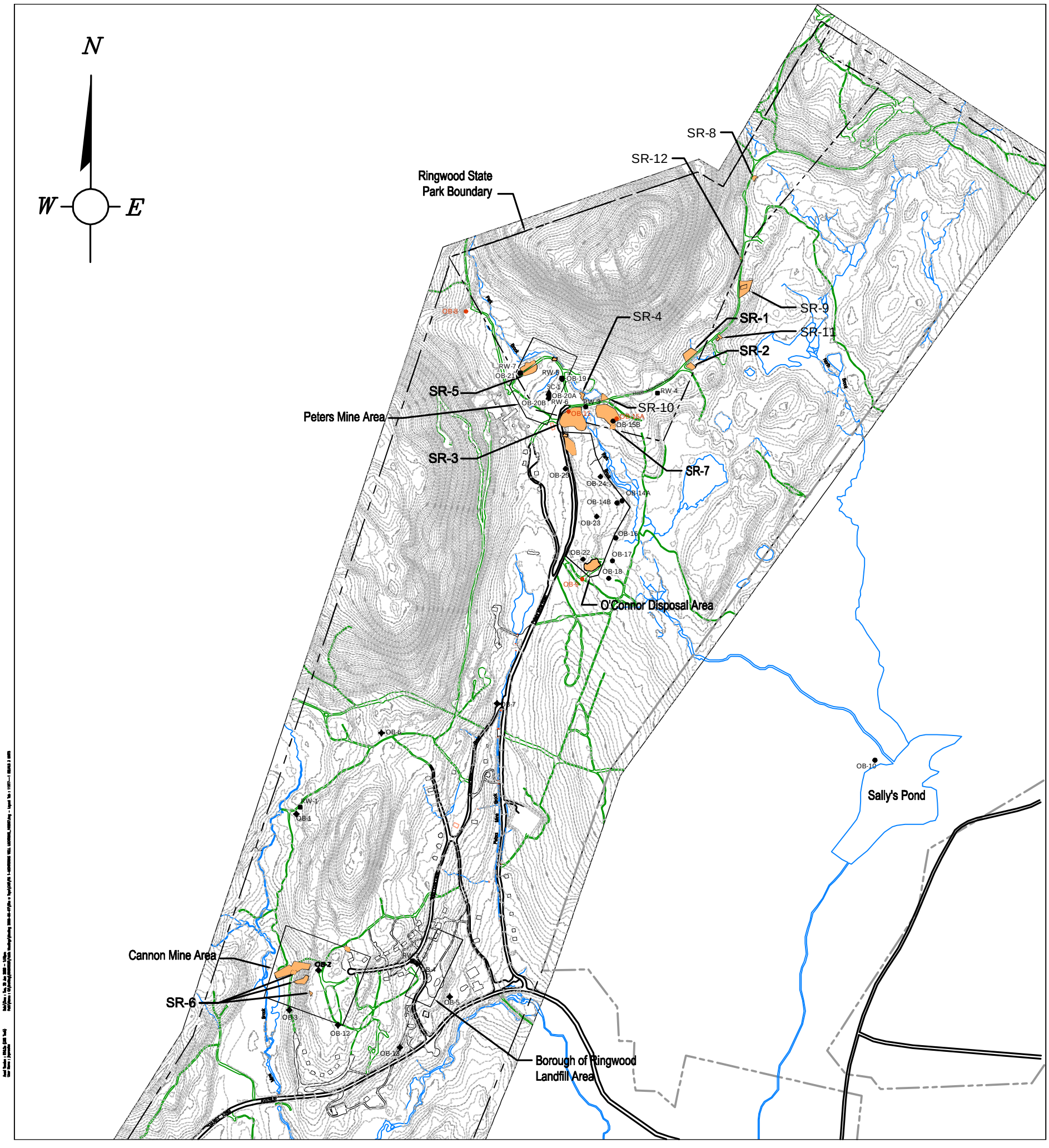
Well		SC-1					SC-2
Sample Name	**GWQS[1]**	**SC-1**	**SC1(041107)**	**SC-1(071016)**	**SC-1(080430)**	**DUP-01(080430) (SC-1)**	**SC-2 (080505)**
Sample Date		**10/5/2006**	**4/11/2007**	**10/16/2007**	**4/30/2008**	**4/30/2008**	**5/5/2008**
VOC							
Benzene	1	< 0.21	**1.4**	**1.5**	**1.1**	0.93 J	< 0.26
Ethylbenzene	700	< 0.2	6.7	2.7	6.5	5.5	< 0.27
Toluene	1000	< 0.2	1.7	1.3	0.93 J	0.84 J	< 0.15
Xylene, -m	NS	< 0.31	NA	NA	NA	NA	NA
Xylene, -m,p	NS	NA	76.7	51	34.8	30.2	< 0.39
Xylene. -o	NS	< 0.42	6	3.8	0.93 J	5.2	< 0.45
Xylenes	1,000	< 0.31	82.8	54.8	40.7	35.4	< 0.39
PCBs							
PCB 1016	0.5	< 0.094	< 0.1	< 0.094	< 0.094	< 0.094	< 0.094
PCB 1221	0.5	< 0.47	< 0.52	< 0.47	< 0.47	< 0.47	< 0.47
PCB 1232	0.5	< 0.39	< 0.43	< 0.39	< 0.39	< 0.39	< 0.39
PCB 1242	0.5	< 0.16	< 0.18	< 0.16	< 0.16	< 0.16	< 0.16
PCB 1248	0.5	< 0.15	< 0.17	< 0.15	< 0.15	< 0.15	< 0.15
PCB 1254	0.5	< 0.11	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11
PCB 1260	0.5	< 0.12	< 0.13	< 0.12	< 0.12	< 0.12	< 0.12
Total PCBs	0.5	0	0	0	0	0	0
Metals -Total							
Arsenic	3	< 1.5	< 1.5	< 1.1	< 1.7	< 1.7	< 1.7
Iron	300	265	**39800**	**60800 J**	**29700**	**28200**	**5240**
Lead	5	< 2.6	**6.3**	**8.8**	**5.4**	**6.6**	2.8 B
Manganese	50	46.7	**411**	**655**	**307 J**	**323 J**	**658**
Metals -Dissolved							
Arsenic	3	1.7 B	< 1.5	< 1.1	< 1.7	< 1.7	< 1.7
Iron	300	269	**38400**	**45300 J**	9.3 B	< 7.4	< 213 B
Lead	5	< 2.6	< 2.8	1.6 B	< 1.4	1.9 B	< 1.4
Manganese	50	44.1	**410**	**630**	**303 J**	**284 J**	< 634 B

All results are in micrograms per liter (u
See footnotes for additional informatior

Footnotes:

Results are presented in microgram per liter (ug/L).

<	Not detected.
NA	Not analyzed.
NS	No standard.
B	Organic: analyte was detected in one or more of the associated blanks.
B	Inorganic: estimated result is between the detection limit and quantification limit.
J	Estimated result.
R	Rejected result.
SVOC	Semi-volatile organic compound.
VOC	Volatile organic compound.
PCBs	Polychlorinated biphenyls.
[1]	Ground Water Quality Standards (GWQS), Class IIA, as specified in New Jersey Administrative Code (N.J.A.C). 7:9-6, current 2005 and interim criteria select 2004 criteria are presented in [ ].
Bold	Value is above the Ground Water Quality Standard



SCALE

(IN FEET)

LEGEND

- BEDROCK WELL
- DEEP BEDROCK WELL
- DIRECTIONAL WELL
- UNCONSOLIDATED WELL
- MONITORING WELL DAMAGED OR NOT AVAILABLE FOR SAMPLING
- PAINT SLUDGE REMOVAL AREA

0 300 600 900
SCALE IN FEET

REV.	ISSUED DATE	DESCRIPTION

KEYPLAN

SEAL

SEAL

ARCADIS

1 International Boulevard
Mahwah, NJ 07430
Tel: 201-684-1400 Fax: 201-684-1420
www.arcadis-us.com

PROJECT TITLE

RINGWOOD MINE/LANDFILL SITE
RINGWOOD, NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
E. ZIMMERMAN	C. MOTTA	J. ROCKLIN	E. ZIMMERMAN
SHEET TITLE		TASK/PHASE NUMBER	DRAWN BY
MONITORING WELL LOCATIONS		00001	J. GONZALEZ
		PROJECT NUMBER	DRAWING NUMBER
		NJ000604.0034	1

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Acad Version : R17.1s (LMS Tech)
User Name : jrgonzalez

Date\Time : Thu, 23 Oct 2008 - 4:22pm
Path\Name : G:\Drafting\RINGWOOD\RAR-RI-SI\NJ000604\0035\00034\GWC\Sept 2008\6043534C2_09-08.dwg - Layout Tab : 2

RW-7						
Date	May-06	Sep-06	Apr-07	Oct-07	Apr-08	Sep-08
fbgs	34-45	34-45	34-45	34-45	34-45	34-45
(msl)	(504-493)	(504-493)	(504-493)	(504-493)	(504-493)	(504-493)
Metals :						
Aluminum	6680	< 110	368	NA	NA	NA
Arsenic	< 8	< 1.5	< 1.5	NA	NA	NA
Iron	8360	1570	3150	NA	NA	NA
Lead	< 3	< 2.6	4.6	NA	NA	NA
Manganese	92.4	23	63.9	NA	NA	NA
VOCs and SVOCs:						
Benzene	< 0.21	< 0.21	< 0.21	NA	NA	NA
bis(2-Ethylhexyl)phthalate	< 0.66	< 0.66	< 0.69	NA	NA	NA
PCBs:	ND	ND	ND	NA	NA	NA
--						
fbgs	49-60	49-60	49-60	49-60	49-60	49-60
(msl)	(489-478)	(489-478)	(489-478)	(489-478)	(489-478)	(489-478)
Metals :						
Aluminum	1320	< 110	69.6	NA	NA	NA
Arsenic	< 8	< 1.5	< 1.5	NA	NA	NA
Iron	2160	997	489	NA	NA	NA
Lead	< 3	< 2.6	< 2.8	NA	NA	NA
VOCs and SVOCs:						
Benzene	< 0.21	< 0.21	< 0.21	NA	NA	NA
bis(2-Ethylhexyl)phthalate	< 0.71	< 0.66	4.8	NA	NA	NA
PCBs:	ND	ND	NA	NA	NA	NA
--						
fbgs	80-100	80-100	80-100	80-100	80-100	80-100
(msl)	(458-438)	(458-438)	(458-438)	(458-438)	(458-438)	(458-438)
Metals :						
Arsenic	< 8	< 1.5	< 1.5	NA	NA	NA
Iron	416	378	490	NA	NA	NA
Lead	< 3	< 2.6	< 2.8	NA	NA	NA
VOCs and SVOCs:						
Benzene	< 0.21	< 0.21	< 0.21	NA	NA	NA
bis(2-Ethylhexyl)phthalate	< 0.66	< 0.7	< 0.71	NA	NA	NA
PCBs:	ND	ND	ND	NA	NA	NA
--						
fbgs	105-120	105-120	103-119	99-119	99-119	99-119
(msl)	(432-417)	(432-417)	(434-418)	(438-418)	(438-418)	(438-418)
Metals :						
Aluminum				405	244	648
Arsenic	< 8	< 1.5	< 1.5	< 1.1	<1.7	< 1.7
Iron				342	186	1350
Lead	< 3	< 2.6	< 2.8	< 0.94	1.5	< 1.4
VOCs and SVOCs:						
Benzene	< 0.21	< 0.21	< 0.21	< 0.19	< 0.26	< 0.26
bis(2-Ethylhexyl)phthalate	< 0.7	< 0.7	< 0.66	< 0.66	< 0.98	< 0.77
PCBs:	ND	ND	ND	ND	ND	ND

RW-6						
Date	May-06	Sep-06	Apr-07	Oct-07	Apr-08	Sep-08
fbgs	53-64	53-64	53-64	53-64	53-64	53-64
(msl)	(479-468)	(479-468)	(479-468)	(479-468)	(479-468)	(479-468)
Metals :						
Arsenic	< 8	NA	1.7	NA	NA	NA
Iron	30200	NA	44100	NA	NA	NA
Lead	3.2	NA	4.5	NA	NA	NA
Manganese	12000	NA	11700	NA	NA	NA
VOCs and SVOCs:						
Benzene	2.9	NA	2.6	NA	NA	NA
bis(2-Ethylhexyl)phthalate	< 0.72	NA	< 0.73	NA	NA	NA
PCBs:	ND	NA	ND	NA	NA	NA
--						
fbgs	70-81	70-81	70-80	70-80	70-80	70-80
(msl)	(462-451)	(462-451)	(462-452)	(462-452)	(462-452)	(462-452)
Metals :						
Arsenic	< 8	< 1.5	<1.5	NA	NA	NA
Iron	9600	14900	16000	NA	NA	NA
Lead	< 3	< 2.6	32.3	NA	NA	NA
Manganese	12000	12400	11300	NA	NA	NA
VOCs and SVOCs:						
Benzene	2.6	2.6	1.9	NA	NA	NA
bis(2-Ethylhexyl)phthalate	< 0.66	< 0.72	< 0.68	NA	NA	NA
PCBs:	ND	ND	ND	NA	NA	NA
--						
fbgs	100-120	100-120	98-119	99-119	99-119	99-119
(msl)	(432-412)	(432-412)	(434-413)	(433-413)	(433-413)	(433-413)
Metals :						
Aluminum	1060	< 110	83.4	< 26	< 24	< 24
Arsenic	< 8	< 1.5	< 1.5	2.5	3.8	2.4
Iron	30500	33200	39200	50800	36400	43200
Lead	16.1	6.9	4.6	< 0.94	1.5	<1.4
Manganese	7340	7440	6620	5210	6640	4500
Zinc	6010	6660	6280	11.4	< 4	11.1
VOCs and SVOCs:						
Benzene	3.8	4	2.7	2.6	1.7	2.1
bis(2-Ethylhexyl)phthalate	NA	8.9	7.8	4.2	< 0.95	3.7
PCBs:	NA	ND	ND	ND	ND	ND

OB-21					
Date	Oct-06	April-07	Oct-07	April-08	Sep-08
ftbgs	6-21				
(msl)	(532-517)				
Metals :					
Aluminum	1840	38500	36300	1820	2760
Arsenic	< 1.5	10.4	9	< 1.7	< 1.7
Beryllium	< 0.5	1.6	1.7	< 0.15	< 0.15
Iron	2410	68100	54600	2520	3150
Lead	<2.6	29.2	27	2.1	1.4
Manganese	97.8	2840	2540	113	241
VOCs and SVOCs:	ND	ND			
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	< 0.26
bis(2-Ethylhexyl)phthalate	< 0.72	< 0.73	< 0.73	1.4	< 0.79
PCBs:	ND	ND	ND	ND	ND

OB-25					
Date	Nov-06	April-07	Oct-07	April-08	Sep-08
ftbgs	10-20				
(msl)	(521-501)				
Metals :					
Aluminum	60500	212000	1440	8080	43100
Arsenic	23.1	7.1	1.1	2.1	19.8
Beryllium	2.5	3.7	< 0.15	0.4	1.4
Cadmium	< 1.3	29.8	< 0.24	< 0.28	2.1
Chromium	85.2	53.3	3	9.4	51.1
Iron	107000	2280	942	11000	69500
Lead	59.3	594	3.1	13.8	45.7
Manganese	5450	8270	23.6	321	2110
Nickel	108	48.2	3.8	12.8	72.2
Mercury	0.15	2.1	< 0.15	< 0.15	0.15
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	< 0.26
bis(2-Ethylhexyl)phthalate	< 0.78	3.7	< 0.73	1.1	< 0.79
PCBs:	ND	ND	ND	ND	ND

OB-24					
Date	Nov-06	April-07	Oct-07	April-08	Sep-08
ftbgs	5-15				
(msl)	(493-483)				
Metals :					
Aluminum					686
Arsenic	<1.5	< 1.5	1.9	1.7	2.5
Iron					1520
Lead	2.8	< 2.8	1.2	1.5	< 1.4
Manganese	487	343	352	262	742
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	< 0.26
bis(2-Ethylhexyl)phthalate	< 0.66	< 0.74	< 0.66	< 0.88	< 0.79
PCBs:	ND	ND	ND	ND	ND

OB-23					
Date	Nov-06	April-07	Oct-07	April-08	Sep-08
ftbgs	10-20				
(msl)	(502-492)				
Metals :					
Arsenic	1.8	< 1.5	DRY	< 1.7	DRY
Iron	24600	14100	DRY	7760	DRY
Lead	< 2.8	24.1	DRY	2.5	DRY
Manganese	1450	1650	DRY	1130	DRY
Sodium	121000	170000	DRY	368000	DRY
VOCs and SVOCs:					
benzene	< 0.21	< 0.21	DRY	< 0.26	DRY
bis(2-Ethylhexyl)phthalate	< 0.74	6.6	DRY	< 0.95	DRY
PCBs:	ND	ND	DRY	ND	DRY

OB-22					
Date	Nov-06	April-07	Oct-07	April-08	Sep-08
ftbgs	10-20				
(msl)	(505-495)				
Metals :					
Aluminum	21600	13200	DRY	1560	DRY
Arsenic	9.5	5.2	DRY	< 1.7	DRY
Iron	35200	19900	DRY	1600	DRY
Lead	19.5	9.1	DRY	2.3	DRY
Manganese	2060	805	DRY	39.4	DRY
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	DRY	< 0.26	DRY
bis(2-Ethylhexyl)phthalate	< 0.77	< 0.73	DRY	< 0.99	DRY
PCBs:	ND	ND	DRY	ND	DRY

RW-1					
Date	Oct-06	Apr-07	Oct-07	Apr-08	Sep-08
fbgs	10-30	10-30	10-31	11-31	11-31
(msl)	(539-519)	(539-519)	(539-518)	(538-518)	(538-518)
Metals:					
Aluminum	5430	61.5	5300	694	347
Arsenic	< 1.5	< 1.5	< 1.1	< 1.7	< 1.7
Iron	3910	42.5	5970	699	323
Lead	< 2.6	3.8	2.5	3.4	< 1.4
Manganese	113	19.4	171	24.9	11.5
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	9.8
bis (2-ethylhexyl) phthalate	3.3	4.8	3.4	< 0.88	< 0.75
PCBs:	ND	ND	ND	ND	ND
--					
fbgs	58-78	58-79	58-79	59-79	59-79
(msl)	(491-471)	(491-470)	(491-470)	(490-470)	(490-470)
Metals:					
Aluminum	763	79	40.1	93.7	< 24
Arsenic	< 1.5	< 1.5	< 1.1	< 1.7	< 1.7
Iron	641	152	45.8	150	15.4
Lead	< 2.6	3.1	< 0.94	2	< 1.4
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	8.6
bis (2-ethylhexyl) phthalate	< 0.71	1.5	< 0.66	1.1	< 0.79
PCBs:	ND	ND	ND	ND	ND
--					
fbgs	97-117	97-118	97-118	98-118	98-118
(msl)	(452-432)	(452-431)	(452-431)	(451-431)	(451-431)
Metals:					
Aluminum	1140	34.2	59.8	< 24	< 24
Arsenic	< 1.5	< 1.5	< 1.1	< 1.7	< 1.7
Iron	1410	< 25	117.0	32.7	48.4
Lead	< 2.6	< 2.8	< 0.94	< 1.4	< 1.4
Manganese	124	2.5	7.8	2.1	2
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	2
bis (2-ethylhexyl) phthalate	< 0.76	< 0.66	1.2	1.3	< 0.77
PCBs:	ND	ND	ND	ND	ND
--					
fbgs	125-145	125-146	125-146	126-146	126-146
(msl)	(424-404)	(424-403)	(424-403)	(423-403)	(423-403)
Metals:					
Arsenic	< 1.5	< 1.5	< 1.1	< 1.7	< 1.7
Lead	< 2.6	< 2.8	1.2	2.1	< 1.4
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	6.2
bis (2-ethylhexyl) phthalate	< 0.74	< 0.76	< 0.7	< 0.88	< 0.78
PCBs:	ND	ND	ND	ND	ND

OB-1					
Date	Sep-06	April-07	Oct-07	April-08	Sep-08
ftbgs	5-31				
(msl)	(537.6-511.6)				
Metals:					
Arsenic	< 110	< 1.5	< 1.1	<1.7	< 1.7
Iron	155	80.3	201	649	< 7.4
Lead	< 2.6	< 2.8	< 0.94	< 1.4	< 1.4
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	< 0.26
bis(2-Ethylhexyl)phthalate	< 0.66	< 0.73	4.3	< 0.95	< 0.75
PCBs:	ND	ND	ND	ND	ND

RW-5						
Date	May-06	Sep-06	Apr-07	Oct-07	April-08	Sept-08
fbgs	40-51	40-51	40-51	40-51	40-51	40-51
(msl)	(490-497)	(490-497)	(490-497)	(490-497)	(490-497)	(490-497)
Metals :						
Aluminum	NA	< 110	250	NA	NA	NA
Arsenic	NA	1.7	< 1.5	NA	NA	NA
Iron	NA	7050	21400	NA	NA	NA
Lead	NA	68.4	44.3	NA	NA	NA
Manganese	NA	1610	3970	NA	NA	NA
Zinc	NA	6200	10800	NA	NA	NA
VOCs and SVOCs:						
Benzene	NA	1	1.9	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NA	16.7	20.1	NA	NA	NA
PCBs:	NA	ND	ND	NA	NA	NA
--						
fbgs	53-64	53-64	53-64	53-64	53-64	53-64
(msl)	(477-466)	(477-466)	(477-466)	(477-466)	(477-466)	(477-466)
Metals :						
Arsenic	NA	< 1.5	NA	NA	NA	NA
Iron	NA	39300	NA	NA	NA	NA
Lead	NA	< 2.6	NA	NA	NA	NA
Manganese	NA	12400	NA	NA	NA	NA
VOCs and SVOCs:						
Benzene	NA	3	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NA	< 0.77	NA	NA	NA	NA
PCBs:	NA	ND	NA	NA	NA	NA
--						
fbgs	65-75	64-75	65-76	65-76	65-76	65-76
(msl)	(465-455)	(466-455)	(465-454)	(465-454)	(465-454)	(465-454)
Metals :						
Aluminum	698	< 110	44.5	NA	NA	NA
Arsenic	17.7	< 1.5	< 1.5	NA	NA	NA
Iron	14900	4860	12200	NA	NA	NA
Lead	39.8	24.7	13.9	NA	NA	NA
Manganese	8270	4140	3550	NA	NA	NA
Zinc	3810	19100	3380	NA	NA	NA
VOCs and SVOCs:						
Benzene	3.4	< 0.21	1.5	NA	NA	NA
bis(2-Ethylhexyl)phthalate	5.1	2.6	45.9	NA	NA	NA
PCBs:	NA	ND	ND	NA	NA	NA
--						
fbgs	100-120	100-120	97-118	99-119	99-119	99-119
(msl)	(430-410)	(430-410)	(433-412)	(431-411)	(431-411)	(431-411)
Metals :						
Aluminum	< 110	381	50.5	94	< 24	< 24
Arsenic	< 3.1	4.7	< 1.5	< 1.1	4.1	2.4
Iron	2510	5350	1980	4700	15200	6880
Lead	3.3	32.7	7	1.5 B	< 1.4	< 1.4
Manganese	2460	1890	5340	5050	4890	3820
Zinc	606	6950	2180	19.4	59.5	19.3
VOCs and SVOCs:						
Benzene	3	1.8	2.6	1.8	0.89	0.41
bis(2-Ethylhexyl)phthalate	< 0.7	6.3	10.3	< 0.66	< 0.92	1.7
PCBs:	ND	ND	ND	ND	ND	ND

OB-20A					
Date	Oct-06	April-07	Oct-07	April-08	Sep-08
ftbgs	5-20				
(msl)	(527-512)				
Metals :					
Aluminum	1990	981	2190	216	367
Arsenic	13.9	24.6	18.6	3.7	7.8
Iron	42400	60100	49600	28200	24400
Lead	< 2.6	< 2.8	3	2.1	< 1.4
Manganese	3470	7740	5590	885	1300
VOCs and SVOCs:					
Benzene	0.36	0.48	0.36	< 0.26	< 0.26
bis(2-Ethylhexyl)phthalate	< 0.72	< 0.73	1.1	1.2	< 0.75
PCBs:	ND	ND	ND	ND	ND

OB-20 B					
Date	Oct-06	April-07	Oct-07	April-08	Sep-08
ftbgs	24-34				
(msl)	(508-498)				
Metals :					
Aluminum	515	< 23	104	101	107
Arsenic	1.9	1.5	1.2	< 1.7	3.8
Iron	35400	31500	34900	26400	29200
Lead	3.5	< 2.8	1.1	3.8	< 1.4
Manganese	9730	8680	9120	6800	7060
VOCs and SVOCs:					
Benzene	2	1.4	1.5	1.4	0.9
bis(2-Ethylhexyl)phthalate	< 0.7	2	< 0.73	< 0.88	< 0.75
PCBs:	ND	ND	ND	ND	ND

RW-6A			
Date	Oct-07	April-08	Sep-08
fbgs	58-78	58-78	58-78
(msl)	(473-453)	(473-453)	(473-453)
Metals :			
Aluminum	< 26	< 24	< 24
Arsenic	< 1.1	2.9	1.9
Iron	11700	9290	9460
Lead	< 0.94	2.8	< 1.4
Manganese	11200	10200	9770
Zinc	4.5	<4	4.4
VOCs and SVOCs:			
Benzene	5.5	1.7	2.9
bis(2-Ethylhexyl)phthalate	< 0.88	< 0.88	< 0.75
PCBs:	ND	ND	ND

SC-01					
Date	Oct-06	Apr-07	Oct-07	Apr-08	Sep-08
ftbgs	64.4-70.9				
(msl)	(467-460)				
Metals :					
Arsenic	< 1.5	< 1.5	< 1.1	< 1.7	< 1.7
Iron	265	39800	60800	29700	47100
Lead	< 2.6	6.3	8.8	5.4	6.2
Manganese	46.7	411	655	307	518
VOCs and SVOCs:					
Benzene	< 0.21	1.4	1.5	1.1	0.81
Bis (2-ethylhexyl) phthalate	2.1	3	2.1	< 0.88	2.2
PCBs:	ND	ND	ND	ND	ND

SC-02		
Date	Apr-08	Sep-08
ftbgs	47-67	
(msl)	(514.7-494.7)	
Metals :		
Aluminum	379	181
Arsenic	< 1.7	2.1
Iron	5240	8040
Lead	2.8	< 1.4
Manganese	658	619
VOCs and SVOCs:		
Benzene	< 0.26	< 0.26
Bis (2-ethylhexyl) phthalate	< 0.98	< 0.85
PCBs:	ND	ND

PM AIRSHAFT				
Date	Aug-07	Oct-07	April-08	Sept-08
fbgs	180			
(msl)	348.3			
Metals :				
Aluminum	1380	37.2	< 200	76.2
Arsenic	< 0.94	< 1.1	< 3	< 1.7
Iron	69100	152000	339	147000
Lead	22.6	2.8	< 3	< 1.4
Manganese	771	2680	19.2	2400
VOCs and SVOCs:				
Benzene	9.9	30.1	< 1	26.4
bis(2-Ethylhexyl)phthalate	< 0.72	< 0.93	< 2	< 0.75
PCBs:	ND	ND	ND	ND
--				
fbgs	220	220	220	230
(msl)	308.3	308.3	308.3	298.3
Metals :				
Arsenic	< 0.94	1.4	< 3	< 1.7
Iron	154000	158000	148000	169000
Lead	< 2.8	2.5	6.4	< 1.4
Manganese	2680	2580	2490	2810
VOCs and SVOCs:				
Benzene	30.9	29.9	31.8	29.1
bis(2-Ethylhexyl)phthalate	< 0.66	1.1	< 2	< 0.75
PCBs:	ND	ND	ND	ND

RW-5A			
Date	Oct-07	Apr-08	Sept-08
fbgs	54-74	54-74	54-74
(msl)	(477-457)	(477-457)	(477-457)
Metals :			
Aluminum	1010	834	625
Arsenic	< 1.1	8.6	10
Iron	524	704	605
Lead	1.9	2.9	2.2
Manganese	364	123	234
Sodium	7020	63100	34200
Zinc	< 2.7	13.5	10.3
VOCs and SVOCs:			
Benzene	< 0.19	< 0.26	< 0.26
bis(2-Ethylhexyl)phthalate	< 0.74	< 0.96	< 0.86
PCBs:	ND	ND	ND

OB-19					
Date	Oct-06	April-07	Oct-07	April-08	Sep-08
ftbgs	5-20				
(msl)	(526-511)				
Metals :					
Aluminum	2470	39.2	137	48.1	56.5
Arsenic	3.1	< 1.5	1.9	< 1.7	4
Iron	43600	18600	20200	10100	20000
Lead	9.4	< 2.8	1.3	1.4	< 1.4
Manganese	713	276	1150	180	755
VOCs and SVOCs:					
Benzene	0.55	0.59	<0.19	0.56	0.37
bis(2-Ethylhexyl)phthalate	< 0.73	< 0.69	< 0.66	< 0.95	< 0.83
PCBs:	ND	ND	ND	ND	ND

RW-4					
Date	Oct-06	Apr-07	Oct-07	Apr-08	Sep-08
fbgs	55-77	56-77	56-77	57-77	57-77
(msl)	(485-463)	(484-463)	(484-463)	(483-463)	(483-463)
Metals:					
Aluminum	201	628	27.7	58.5	< 24
Arsenic	< 1.5	< 1.5	< 1.1	< 1.7	< 1.7
Iron	33000	12400	1170	1180	3360
Lead	6.3	5	1.6	3.4	< 1.4
Manganese	130	55.9	35.6	17.2	75.8
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	14.3
bis (2-ethylhexyl) phthalate	4.8	3.8	2.4	2	2.3
PCBs:	ND	ND	ND	ND	ND
--					
fbgs	108-128	108-129	108-129	108-128	108-128
(msl)	(432-412)	(432-411)	(432-411)	(432-412)	(432-412)
Metals:					
Arsenic	< 1.5	< 1.5	< 1.1	< 1.7	< 1.7
Iron	786	487	765	602	105
Lead	< 2.6	< 2.8	< 0.94	3.1	< 1.4
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	3.3
bis (2-ethylhexyl) phthalate	< 0.79	< 0.66	< 0.67	2.4	< 0.75
PCBs:	ND	ND	ND	ND	ND
--					
fbgs	328-348	328-349	328-349	328-348	328-348
(msl)	(212-192)	(212-191)	(212-191)	(212-192)	(212-192)
Metals:					
Arsenic	< 1.5	< 1.5	< 1.1	< 1.7	< 1.7
Iron	475	1350	798	316	336
Lead	< 2.6	< 2.8	2.1	2.5	1.8
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	0.3
bis (2-ethylhexyl) phthalate	< 0.75	1.5	1.3	1.1	< 0.82
PCBs:	ND	ND	ND	ND	ND
--					
fbgs	388-408	388-409	388-409	388-408	388-408
(msl)	(152-132)	(152-131)	(152-131)	(152-132)	(152-132)
Metals:					
Arsenic	< 1.5	< 1.5	< 1.1	< 1.7	< 1.7
Iron	725	651	2890	1170	352
Lead	3.7	3	2.4	3.3	< 1.4
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	< 0.26
bis (2-ethylhexyl) phthalate	< 0.73	1.1	2.2	1.4	< 0.83
PCBs:	ND	ND	ND	ND	ND

OB-26		
Date	Apr-08	Sep-08
ftbgs	9-24	
(msl)	(533.3-518.3)	
Metals :		
Aluminum	914	504
Arsenic	< 1.7	2.7
Iron	894	511
Lead	1.7	< 1.4
Manganese	124	20.7
VOCs and SVOCs:		
Benzene	< 0.26	< 0.26
Bis (2-ethylhexyl) phthalate	< 0.91	< 0.75
PCBs:	ND	ND

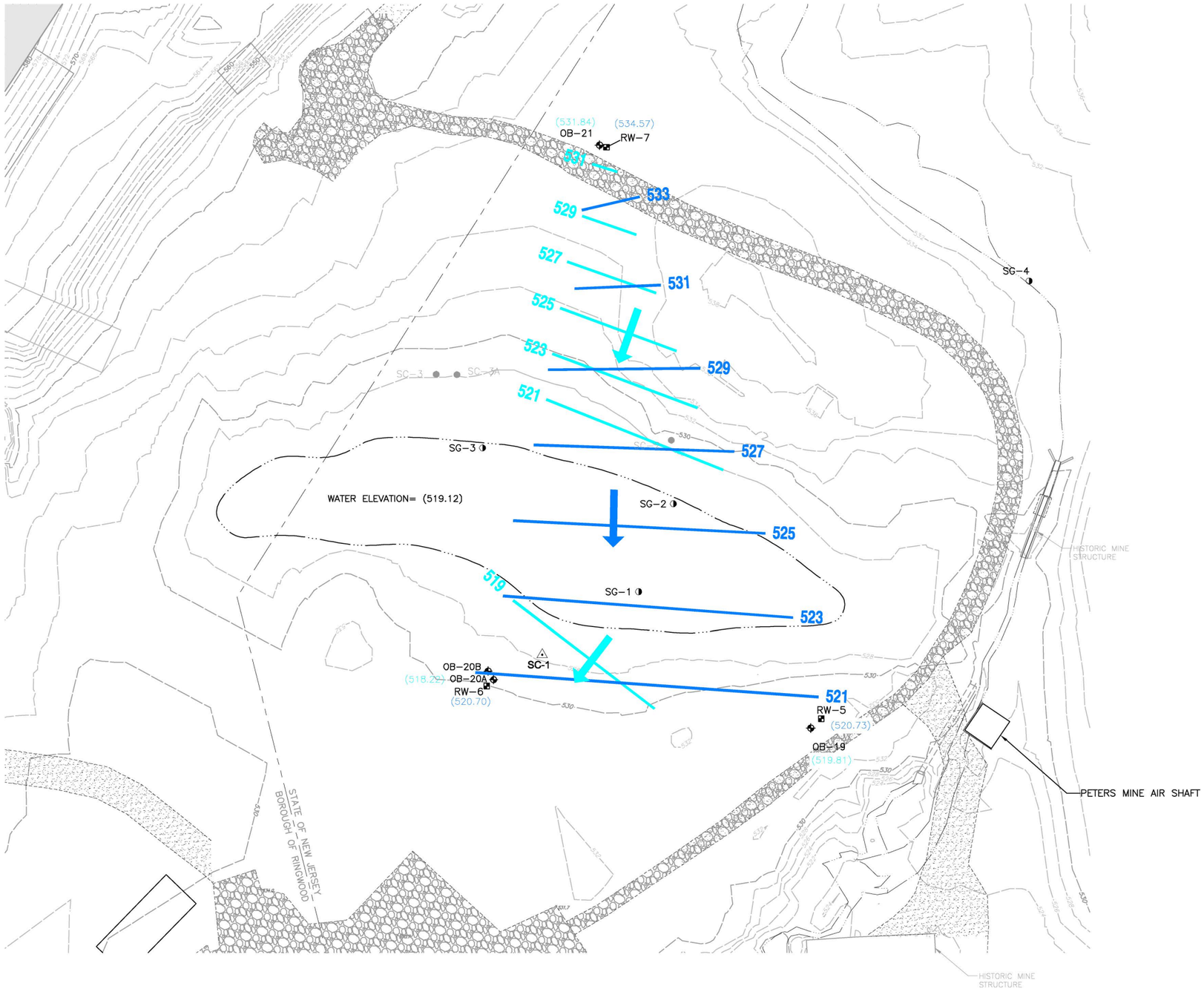
RW-3					
Date	Sep-06	Apr-07	Oct-07	Apr-08	Sep-08
fbgs	65-100	62-98	62-98	62-98	62-98
(msl)	(466-428)	(466-430)	(466-430)	(466-430)	(466-430)
Metals:					
Aluminum	< 110	< 23	134	280	< 24
Arsenic	< 1.5	< 1.5	< 1.1	< 1.7	< 1.7
Iron	407	240	3470	1520	253
Lead	< 2.6	3	3.3	4.7	1.6
Manganese	150	101	172	149	167
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	< 0.26
bis (2-ethylhexyl) phthalate	< 0.7	1.6	1.4	2.2	8.5
PCBs:	ND	ND	ND	ND	ND

OB-15B					
Date	Oct-06	April-07	Oct-07	May-08	Sep-08
ftbgs	25-35				
(msl)	(490-480)				
Metals:					
Aluminum	1550	231	104	425	< 24
Arsenic	< 1.5	< 1.5	< 1.1	< 1.7	1.7
Iron	1640	194	158	507	64.8
Lead	< 2.6	< 2.8	1	2.6	< 1.4
Manganese	1540	440	675	2370	1300
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	< 0.26
bis(2-Ethylhexyl)phthalate	1.2	< 0.73	< 0.88	2.3	< 0.75
PCBs:	ND	ND	ND	ND	

OB-14A					
Date	Sep-06	April-07	Oct-07	April-08	Sep-08
ftbgs	4-14				
(msl)	(497-487)				
Metals:					
Aluminum	215	78.4	< 26	< 24	< 24
Arsenic	4.5	2.4	23.1	14.4	2.3
Iron	42300	45500	61400	52500	34700
Lead	< 2.6	3.3	1.4	4	< 1.4
Manganese	1050	1040	2770	1870	773
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	< 0.26
bis(2-Ethylhexyl)phthalate	< 0.72	< 0.7	1.4	< 0.9	< 0.78
PCBs:	ND	ND	ND	ND	ND

OB-14B					
Date	Sep-06	April-07	Oct-07	April-08	Sep-08
ftbgs	25-35				
(msl)	(478-468)				
Metals:					
Arsenic	< 1.5	< 1.5	2.8	2.1	2
Beryllium					2.6
Iron	949	962	642	890	516
Lead	< 2.6	< 2.8	1.1	3.2	< 1.4
Manganese	1900	2040	1500	1740	1560
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	< 0.26
bis(2-Ethylhexyl)phthalate	< 0.73	< 0.76	< 0.79	< 0.92	< 0.79
PCBs:	ND	ND	ND	ND	ND

OB-17					
Date	Sep-06	April-07	Oct-07	May-08	Sep-08
ftbgs	3-13				
(msl)	(484-474)				
Metals:					
Aluminum	< 110	< 23	< 26	< 24	683
Arsenic	< 1.5	< 1.5	2.5	< 1.7	< 1.7
Iron	1770	1410	3830	1570	79.9
Lead	< 2.6	3.5	1.7	2.3	1.4
Manganese	619	496	669	472	64.5
VOCs and SVOCs:					
Benzene	< 0.21	< 0.21	< 0.19	< 0.26	< 0.26
bis(2-Ethylhexyl)phthalate	< 0.66	< 0.68	< 0.73	1.3	< 0.8
PC



0 30 60 90
SCALE IN FEET

LEGEND:

- 530 — EXISTING CONTOUR
- 533 — GROUNDWATER ELEVATION CONTOUR – OVERBURDEN
- GROUNDWATER FLOW DIRECTION OF OVERBURDEN (1–FT CONTOUR INTERVAL)
- 536 — GROUNDWATER ELEVATION CONTOUR – BEDROCK (100' – 120')
- GROUNDWATER FLOW DIRECTION OF BEDROCK INTERVAL 100' – 120' APRIL 2007 (FT. MSL.) (1–FT CONTOUR INTERVAL)
- (519.12) — GROUNDWATER/SURFACE WATER ELEVATION (FEET AMSL)
- LIMIT OF SURFACE WATER
- OVERHEAD UTILITY LINES
- EXISTING DIRT TRAIL/ROAD
- STABILIZED ACCESS ROAD
- SC–2 — SOIL BORING LOCATION
- OVERBURDEN MONITORING WELL
- SG–1 — STAFF GAUGE
- RW–5 — BEDROCK MONITORING WELL
- SC-1 — DIRECTIONAL MONITORING WELL
- 601 — BLOCK
- 12 — LOT

NOTE:

1. WETLAND BOUNDARY ESTABLISHED BY TRIDENT ENVIRONMENTAL CONSULTANTS (2005).
2. SURFACE WATER ELEVATIONS FOR PMP AS RECORDED AT STAFF GAUGE 1 ON SEPTEMBER 22, 2008.
3. BEDROCK CONTOURS BASED ON INTERVAL 100 TO 120 FEET BELOW GROUND SURFACE.

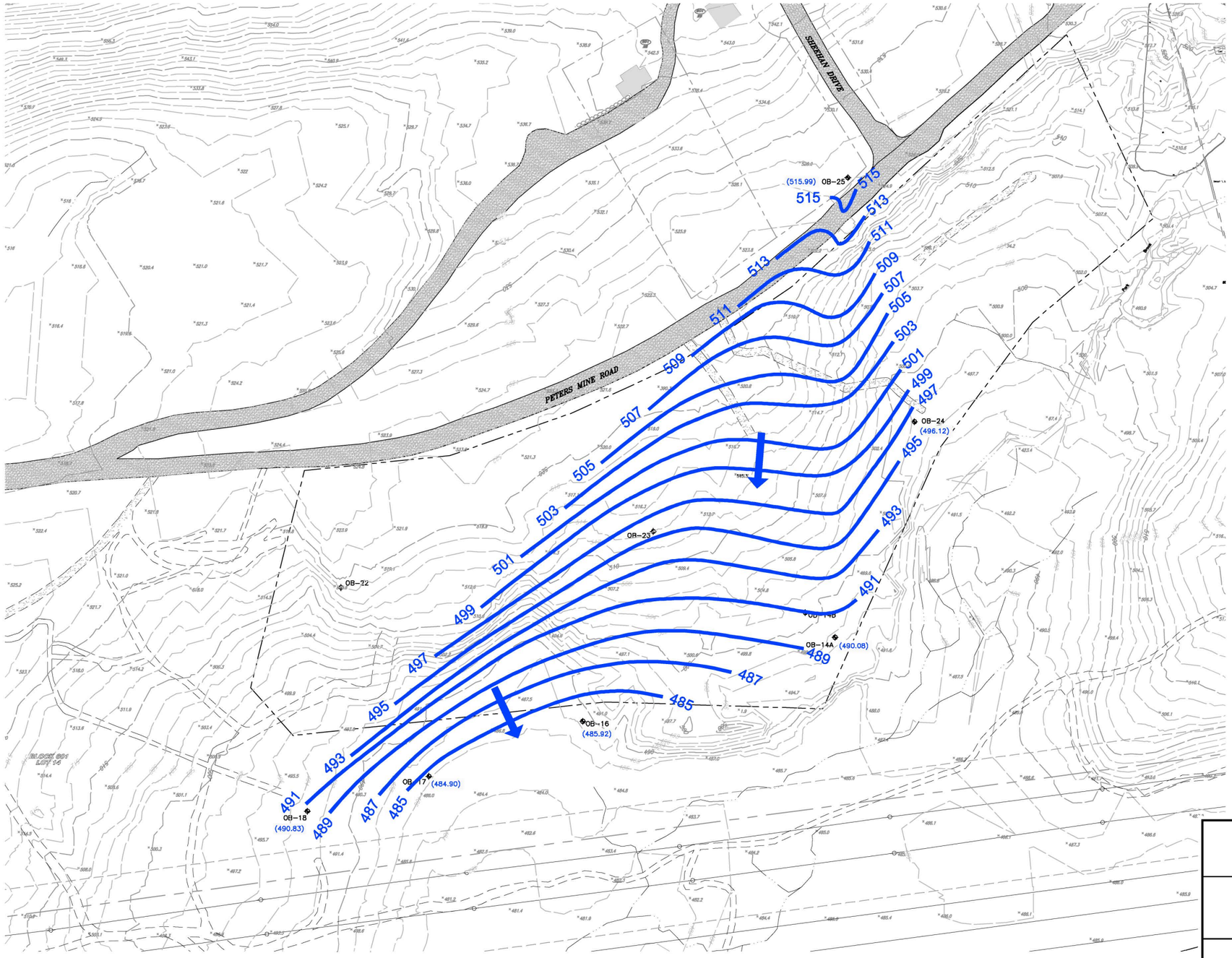
PETERS MINE PIT AREA
RINGWOOD, NEW JERSEY
RINGWOOD MINE/LANDFILL SITE REMEDIATION PROJECT

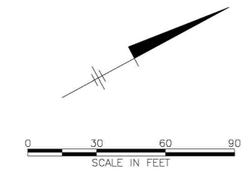
OVERBURDEN & BEDROCK INTERVAL (100' - 200') GROUNDWATER ELEVATIONS SEPTEMBER 2008

ARCADIS

FIGURE
3

CITY:MAHWAH DIV/GROUP:ENVIRONMENTAL DB:J.GONZALEZ LD:J.SEIER PIC:M.MOHIUDDIN PM:E.ZIMMERMAN TM:(Opt) LYR:(On)(On*;-OFF=*REF*
G:\Drafting\RINGWOOD\PARTI-SITE\0008\0005\0005HGW\Sept 2008\0005SW2_08-08.dwg LAYOUT: 3SAVED: 10/7/2008 4:08 PM BY: GONZALEZ, JAMES
XREFS: IMAGES: PROJECTNAME: ----
BASEMAP
REF(OTHER)
BASEMAP-KEY





LEGEND:

- 530 — EXISTING CONTOUR
- 485 — GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- (484.90) GROUNDWATER WATER LEVEL
- LIMIT OF SURFACE WATER
- OVERHEAD UTILITY LINES
- PROPERTY BOUNDARY
- OUTLINE OF O'CONNOR DISPOSAL AREA
- EXISTING DIRT ROAD/TRAIL
- OB-16 OVERBURDEN MONITORING WELL LOCATION

FORMER O'CONNOR DISPOSAL AREA
RINGWOOD, NEW JERSEY
RINGWOOD MINE/LANDFILL SITE REMEDIATION PROJECT

GROUNDWATER CONTOURS & FLOW DIRECTION SEPTEMBER 2008

ARCADIS

FIGURE
4

CITY:MAHWAH DIV/GROUP:ENVIRONMENTAL DB:J.GONZALEZ LD:J.SEIER PIC:M.MOHIUDDIN PM:E.ZIMMERMAN TM:(Opt) LYR:(Off)ON=*;OFF=*REF*
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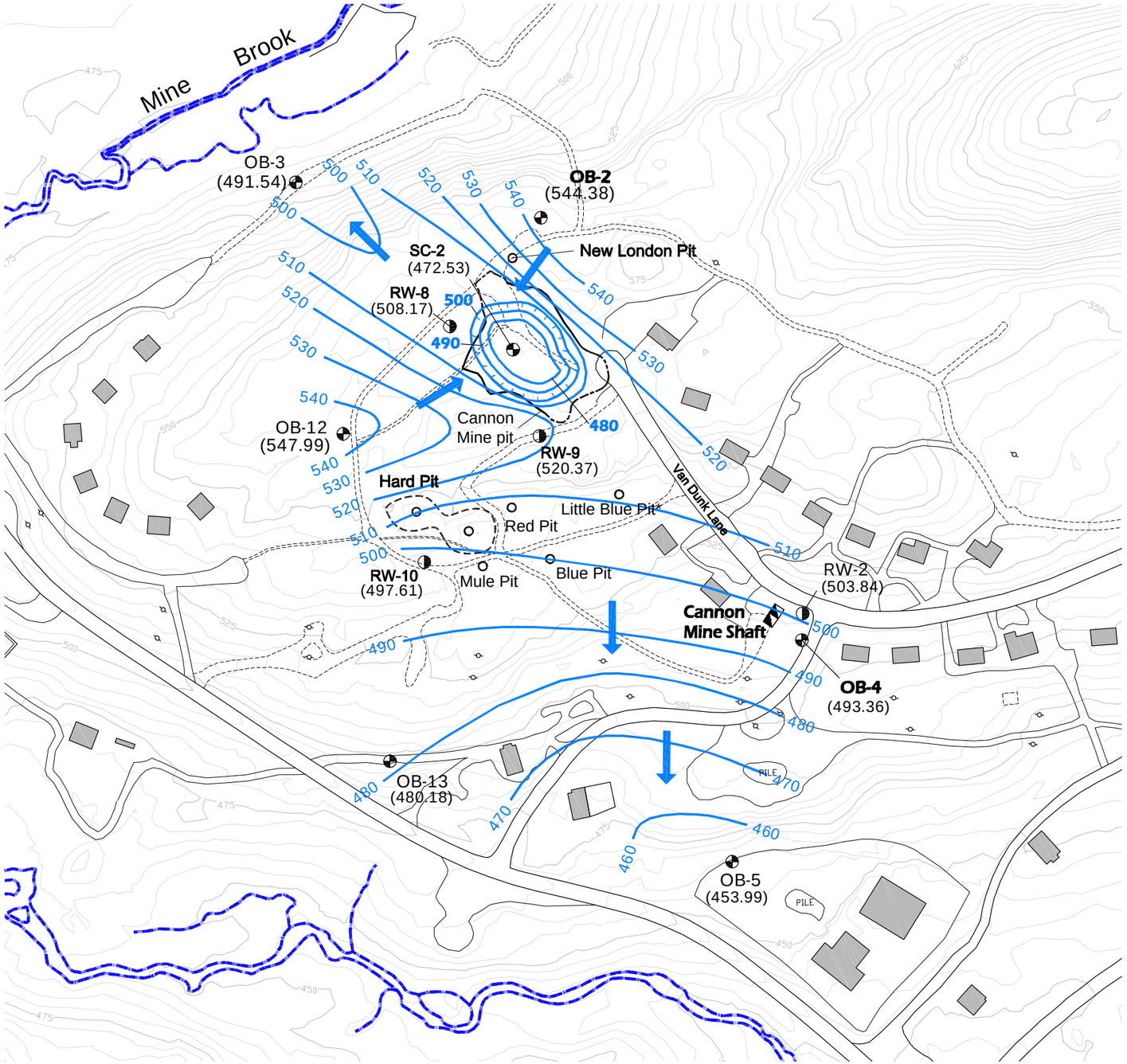
XREFS:
IMAGES:
BASEMAP-KEY
OCDA-ART-00
PROJECTNAME: ----



0 100 200 300
SCALE IN FEET

MONITORING INTERVALS	
WELL ID	SCREEN DEPTH (BGS)
RW-8	(42 - 62)
RW-9	(20 - 40)
RW-10	(22 - 42)
OB-2	(8 - 42)
OB-3	(9 - 24)
OB-4	(28 - 61)
OB-5	(18 - 63)
OB-12	(9 - 40)
OB-13	(8 - 60)
SC-12	(47 - 67)

NOTE:

1. ROCK WELL GROUNDWATER ELEVATIONS FOR RW–8, RW–9 AND RW–10 WERE COLLECTED IN JULY 2008. ALL OTHER GROUNDWATER ELEVATIONS WERE COLLECTED ON SEPTEMBER 8, 2008.

LEGEND

- RESIDENCE
- TRAILS
- ROADWAYS
- WATERWAYS, BROOKS
- GROUND SURFACE ELEVATION CONTOUR
- RW-10 (497.61) — EXISTING BEDROCK MONITORING WELL WITH GROUNDWATER ELEVATION
- 500 — GROUNDWATER CONTOUR LINE RELATIVE TO MEAN SEA LEVEL
- GROUNDWATER FLOW DIRECTION OF SHALLOW BEDROCK INTERVAL OCTOBER 2007 (FT. MSL.) (10–FT CONTOUR INTERVAL)
- BGS — BELOW GROUND SURFACE

CANNON MINE PIT AREA
RINGWOOD, NEW JERSEY
RINGWOOD MINE/LANDFILL SITE REMEDIATION PROJECT

SHALLOW BEDROCK GROUNDWATER ELEVATIONS SEPTEMBER 2008

ARCADIS

FIGURE
5

R2-0001027

CITY:MAHWAH DIV/GROUP:ENVIRONMENTAL DB:J.GONZALEZ LD:J.SEIER PIC:MOHIUDDIN PM:E.ZIMMERMAN TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\Drafting\RINGWOOD\RAR-RI-SI\NJ000604\0350\0034\GWCS\rpt 2008\604345\W5_09-08.dwg LAYOUT: 5SAVED: 10/10/2008 10:20 AM ACADVER: 17.1S (LMS TECH) PAGESETUP: ----PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 10/10/2008 10:22 AM BY: GONZALEZ, JAMES
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