

DRAFT FINAL
PRE-REMEDIAL DESIGN/REMEDIAL ACTION
SOIL AND GROUNDWATER SAMPLING WORK PLAN
FORMER JAMECO FACILITY
WYANDANCH, NEW YORK

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Prepared for:
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1.0 INTRODUCTION

Goldman Environmental Consultants, Inc. (GEC) of Braintree, Massachusetts was retained by Watts Water Technologies, Inc. (Watts) to develop a limited subsurface investigation work plan to evaluate soil and groundwater conditions at the former Jameco Industries, Inc. Site (Site) located at 248 Wyandanch Avenue in Wyandanch, New York. Please refer to Figure 1, Locus Map. This work was conducted in accordance with a Pre-Remedial Design/Remedial Action Soil and Groundwater Sampling Work Plan (Work Plan) submitted on June 17, 2003 to the New York State Department of Environmental Conservation (NYSDEC) and in accordance with an Order on Consent entered into for the Site effective November 3, 2003. NYSDEC approved the Work Plan on October 22, 2003.

The Work Plan proposed the installation of 31 soil borings, five of which were to be completed as monitoring wells; the replacement of three previously destroyed monitoring wells and the collection and laboratory analysis of soil and groundwater samples for metals, volatile organic compounds (VOCs), and Semi-VOCs (SVOCs). Given that extensive soil removal activities were previously completed in other areas of the Site, the objective of the Work Plan was to better understand the extent of soil contamination beneath and proximate to the building located at the Site and to understand the degree to which contaminated soil in comparatively inaccessible locations may be affecting groundwater quality. This additional information was a necessary component of the predesign investigation for the remedial alternatives described in NYSDEC's Record of Decision (ROD) for the Site dated March 2003.

During the week of December 1 through 5, 2003, GEC performed 31 soil borings, installed 1-inch inside diameter (ID) PVC monitoring wells into five of the borings, installed three 1.5-inch ID PVC replacement monitoring wells at three locations (MW-5, MW-6 and MW-26) where monitoring wells previously existed, and collected soil samples for laboratory analysis in accordance with the sampling plan outlined in the Work Plan.

During the week of December 15 through 19, 2003, GEC collected groundwater samples from new and accessible existing monitoring wells. Samples were submitted for laboratory analysis to a State of New York certified laboratory in accordance with the Work Plan. All of these activities were scheduled and conducted primarily after working hours to avoid interrupting manufacturing and related operations by the current owner of the Site, Linzer Products Corp. (Linzer Products).

Linzer Products purchased the Site from a corporate affiliate of Watts in 1997. Linzer Products then relocated its manufacturing and related operations to Wyandanch, Long Island. Linzer Products manufactures paintbrushes and employs over one hundred people. Its operations include shipping and receiving, product manufacture and packaging, and office services. To

provide a complete cost analysis of remedial activities at the Site, Linzer Products was asked to provide its own estimate of the economic impact that remedial activities, as presented in this document, would have on its business. After considering various factors, Linzer forwarded to GEC a total cost estimate representing all business interruption costs for GEC to remediate all AOCs. Linzer estimates the total cost for business interruption to be approximately \$5,000,000. Allocation of this cost to each AOC is included in GEC's Remedial Cost Estimate Worksheet.

It is GEC's opinion, based on the results of the field investigation conducted in accordance with the Work Plan, that remediation activities under and immediately adjacent to the Linzer Products building would produce minimal, if any, improvements to the Site. It is also GEC's opinion that the remedial alternatives identified in the ROD to address residual soil and groundwater contamination under and immediately adjacent to the building need to be modified.

In summary, updated analytical information produced in accordance with the Work Plan, confirms that concentrations of potential compounds of concern under and adjacent to the Linzer Products building do not pose any current or continuing risk to human health or the environment. The physical constraints of the Site, particularly the inaccessibility of soils and groundwater located under and around an occupied building served by active truck traffic, would make implementation of any remedial alternatives in those areas impractical. In addition, the new information obtained from Linzer Products indicates that the ROD significantly underestimates the cost and potential long-term business impacts of attempting to implement remedial alternatives under a building actively used for manufacturing, shipping, and related business activities. As a result of all this new information, it is apparent that the ROD's feasibility analysis is not consistent with currently available information, as the minimal benefits of remedial alternatives to address residual subsurface contamination under and proximate to the Linzer Products building are far outweighed by the costs and the practical impediments to implementation of any such remedial alternatives.

The following sections summarize the field investigations conducted, the results obtained, and the impact the proposed remedial alternatives identified in the ROD would have, according to Linzer Products, on the business now operating at the Site. Presentation of the new analytical data is followed by a detailed cost assessment of each remedial alternative by Area of Concern identified in the ROD, together with recommendations for modifying specific remedial alternatives to reflect current Site conditions.

2.0 RESULTS OF FIELD ACTIVITIES

In accordance with the Work Plan, GEC installed a total of eight monitoring wells and performed a total of 31 soil borings at the Site during the week of December 1 through 5, 2003. The borings and monitoring wells were installed by New England GeoTech, a GeoProbe®

contractor, under the supervision of GEC. Work was performed using a truck mounted vibratory hammer for the exterior locations and a cart-mounted vibratory hammer for the interior locations. New monitoring wells were designated by using GEC-# and replacement wells by MW-#R. Borings were numbered by reference to numbered structural columns within the facility and distances to the north and west of the referenced column. By example, boring L2 (15, 20) is located 15 feet north and 20 feet west of column L2. Columns within the facility have visible numbers on the north side of each column. Please refer to Figure 2 for sample locations.

2.1 Monitoring Well Installation

GEC installed three 1.5-inch PVC monitoring wells in the paved parking lot and loading area at the east end of the Linzer Products building. The wells were installed to replace monitoring wells MW-5, MW-6 and MW-26, which were apparently covered after this area was repaved in the recent past. Each well maintains the same designation, but with the letter 'R' added to the number (e.g. MW-5R). The replacement wells were installed to a depth of approximately 16 feet by a GeoProbe contractor using a truck mounted vibratory hammer. Wells were constructed of 1.5" ID Schedule 40 PVC with ten feet of 0.010 inch slotted well screen. No glues or solvents were used during well construction.

In addition, five 1.0-inch ID PVC monitoring wells were installed in five borings; four within the plant interior and one between Wyandanch Avenue and the north side of the building. Monitoring wells GEC-1 through GEC-4 were located within or at the perimeter of the former metal plating shop and degreasing areas. Monitoring well GEC-5 was located at the northern edge of the "cutting oil release" area. Each well was installed to approximately 16 feet at the locations shown on Figure 1, Site Plan, which accompanied the Work Plan. Wells were installed using the equipment and methods employed for the installation of the 1.5-inch monitoring wells cited above.

All the above wells were completed using 4-inch diameter flush mounted protective road boxes. Refer to Appendix A for copies of the well construction diagrams, and Appendix B for GEC's QA/QC protocols.

2.2 Soil Boring Installation

GEC performed fifteen (15) borings within or on the perimeter of the former cutting oil release area, eleven (11) borings outside the north wall of the Linzer Products building, and four (4) borings inside the Linzer Products building. Refer to Figure 2 for the boring locations.

GEC also performed sixteen (16) borings within or on the perimeter of the areas formerly designated as the metal plating shop and degreasing areas, which are proximate to each other. Boring logs were developed for each of the 31 borings and are included as Appendix A to this report.

Soils encountered during the performance of the borings consisted primarily of unconsolidated fine to medium or medium to coarse sands with varying and lesser amounts of silt and/or fine to coarse gravels. Clay sized materials were only occasionally encountered and were typically in the form of lenses or thin layers.

Previous investigations indicate the Site is largely underlain by four to six feet of fill over glacial outwash sands with smaller amounts of silts and varying amounts of gravel. Based on the most recent borings it was difficult to distinguish the fill sand from the glacial sand except by a close look at grain shape and occasional inclusions of building debris such as brick or concrete pieces and occasional organic matter such as leaf, root or twig fragments. GEC found no evidence in the soil samples collected to significantly alter our understanding of geology.

Soil samples for laboratory analysis were collected from depths as indicated in Table 1 of the sampling plan. Soil from borings in the former "cutting oil release area" was collected outside the north wall of the Linzer Products building and from just that wall. These samples, generally numbered with a 'G', 'H', 'J' or 'K' designation (corresponding to the location within the building), were analyzed for VOCs and SVOCs by EPA Method 8260B and 8270C, respectively.

Soil samples with an 'L', 'O', or 'Q' designation were collected from the former "plating and degreasing areas" and were analyzed for nickel, chromium (hexavalent and trivalent), copper, zinc and total RCRA metals. Again, sample collection depths were as indicated in Table 1 of the sampling plan. All soil samples were submitted under chain-of-custody (COC) documentation to Con-Test Analytical Laboratory, a New York state-certified laboratory located in East Longmeadow, Massachusetts.

The 8 to 12 foot samples (at or below the water table) in the following borings displayed both a strong odor and the presence of a sheen on the plastic sampling sleeve or latex gloves when handling the sample: H9 (5, 10), H9 (15, 5), H9 (30, 20) and H9 (30, 40). Samples from the same depth interval in the following borings displayed a slight to strong odor but no sheen:

G9 (5, 35), H9 (15, 40), J9 (5, 10), J9 (15, 5), G6 (15, 35) and G8 (20, 15). These borings were all installed proximate to and downgradient of the cutting oil release area.

2.3 Groundwater Sampling

During the week of December 15 through 19, 2003, GEC attempted to collect groundwater samples from all monitoring wells listed on Table 2 of the Work Plan with the exception of monitoring well PA 2, which no longer exists, as it was a temporary well. The following wells could not be found because they are currently located under new machinery or stocking shelves inside the Linzer Products building: MW-15, MW-18, MW-22 and TCE-1. Monitoring well MW-19 was not listed on Table 2 of the Work Plan for sampling because of the possibility of its containing free product. GEC opened MW-19, bailed a preliminary sample, found only a thin sheen and therefore collected a sample for VOC and SVOC analyses. VOC and SVOC analyses was performed via EPA Methods 8260B and 8270C, respectively.

All wells were purged and sampled using low-flow sampling techniques. Wells were purged at approximately one half a liter a minute until consecutive readings of the following parameters were within ten percent of each other: temperature, specific conductivity, dissolved oxygen (mg/l), dissolved oxygen percentage, pH, and oxygen reduction potential (ORP). Wells with a two-inch ID were sampled using a down hole bladder pump and monitoring wells with one or one and a half inch IDs were sampled using a peristaltic pump. All groundwater samples were submitted under COC documentation to Con-Test Analytical Laboratory. Samples were analyzed according to the analytical program outlined in Table 2 of the Work Plan. Because of the manufacturing activities within the facility, GEC was unable to sample all monitoring wells during the same calendar day and because of the short hold time for the hexavalent chromium analysis, samples collected for hexavalent chromium analysis on a given day were delivered to the laboratory within twenty-four hours of the sample collection.

3.0 SUMMARY OF LABORATORY ANALYTICAL RESULTS

3.1 Soil Samples

Cutting Oil Release Area - VOCs and SVOCs

With very few exceptions, the laboratory detection levels for the VOC analyses were set at such a level that analytical results reported 'non-detects' (NDs) for most of the analytes listed in EPA Method 8260B suite. Laboratory personnel indicated that the presence of non-aqueous phase liquid (NAPL), apparently lubricating oil, on individual grains of the soil samples caused the laboratory to have to dilute the samples, which resulted in elevated detection limits. The NAPL consisted of semi-volatile organic compounds that are not compounds represented on the 8270 compound list but nonetheless elute during the gas chromatograph procedure. These

compounds are often not considered contaminants of concern as they have different characteristics from those on the contaminant of concern list. The laboratory detection limits for soil samples collected from the following six borings proximal to the cutting oil release area significantly exceeded the Recommended Clean-up Objectives for four VOC analytes (acetone, benzene, 2-butanone and methylene chloride): G6 (15, 35), G8 (20, 15), H9 (5, 10), H9 (30, 20), H9 (30, 40) and J9 (5, 10).

Similarly, laboratory detection limits for the SVOC analytes were also elevated for most of the analytes listed in EPA Method 8270C suite due to the presence of NAPL. The laboratory detection limits for soil samples collected from the following eight (8) borings significantly exceeded the Recommended Clean-up Objectives for the following eight (8) SVOC analytes; (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluor-anthene, chrysene, dibenzo(a,h)anthracene, benzoic acid and di-n-butyl phthalate): G8 (20, 15), G9 (5, 35), H8 (20, 15), H9 (5, 10), H9 (15, 05), H9 (30, 20), H9 (30, 40) and K9 (15, 10).

Sample depths where non-aqueous phase oil occurred and which resulted in high detection limits occurred in the range of the water table fluctuation, referred to as the smear zone. The detection limits for samples collected above the water table generally were below the Recommended Clean-up Objectives. This is consistent with the visual inspection that indicated that no evidence of contamination was noted in soil samples above the smear zone. Refer to Tables 1A and 1B for a summary of the analytical results, Appendix C for the laboratory data sheets, and Figure 2 for sample locations.

Former Plating Shop/Degreasing Areas - Metals

The primary metals detected in soil samples were trivalent chromium, copper and nickel, with lesser amounts of lead, zinc and arsenic. These contaminants were detected above the Recommended Clean-up Objectives primarily in borings L3 (20, 15), L4 (00, 30), L5 (05, 35) and L5 (30, 50) at a depth of four to eight feet below grade. Copper, lead and nickel were detected in boring L4 (00, 30) at the zero to four-foot depth. Please refer to Table 1C for recent and historic analytical results, and Figure 3 for sample locations.

Results of metals analysis on these soil samples indicate that the concentrations of metals beneath the plating area are significantly lower than the metals concentrations in soil beneath the former leaching pools.

3.2 Groundwater Samples

VOCs and CVOCs

Tetrachloroethene (PCE) and associated degradation products, including trichloroethene (TCE), cis-1,2 dichloroethene (cis-1,2 DCE), and to a lesser extent vinyl chloride (collectively referred to as CVOCs) have been detected at the Site. GEC plotted the concentrations of each of

the detected CVOCs next to the appropriate monitoring well to illustrate contaminant distribution. Methyl-tert-butyl-ether (MTBE), exclusive of benzene, toluene, ethylbenzene, xylenes (BTEX) or other gasoline constituents was indicated on laboratory reports on samples from a series of wells downgradient of the lubricating oil release area. MTBE has not been detected previously nor is there any evidence that a release of gasoline has occurred at the Site. GEC believes that the reported MTBE may be a sampling or laboratory contaminant, though the presence is non-random. GEC is unaware of any suspected sources of MTBE on the property and therefore does not believe the presence of MTBE as reported is representative of Site conditions.

In the monitoring wells screened in the range of 5 to 25 feet below grade, the highest concentration of total CVOCs is located in the area of monitoring wells MW-12 (225 ppb) MW-16 (59 ppb) and MW-17 (68 ppb). Recent laboratory data indicate contaminants centered on the above wells and extending to the southeast, the general direction of groundwater flow. Total CVOC data from monitoring wells MW-12 (shallow), MW-11 (mid-depth), and MW-10 (deep) represent vertical rather than horizontal contaminant distribution. As indicated in previous reports, the concentrations of CVOCs detected in the MW-10, -11 and -12 well triplet are not high enough to suggest the presence of dense nonaqueous phase liquid (DNAPL).

Downgradient wells MW-6R, MW-5R, and MW-3 show a significantly lower CVOC concentration, indicating a significant reduction of contaminant concentrations with distance from the source. For example, the concentration of cis-1,2 DCE drops from 34 ppb in MW-16 to ND in MW-3, TCE drops from 208 ppb in MW-12 to 6.3 ppb in MW-3, and PCE drops from 29 ppb in MW-17 to 1.3 ppb in MW-3.

The CVOC concentrations are significantly lower than concentrations detected in previous sampling rounds. For example, the concentration of cis-1,2 DCE has declined steadily in MW-12 from a high of 1,800 ppb in 1996 to a low of 8.3 ppb in 2003. PCE and TCE have also shown steady declines in MW-12 from 1997 to 2003, with decreases of 360 ppb to 8.3 ppb and 3,400 ppb to 208 ppb, respectively.

Laboratory analysis did not detect any SVOCs above laboratory reporting limits during this most recent sampling round. Refer to Table 2B for a summary of the SVOC analytical results.

Metals

Of the 16 wells sampled for metals only monitoring wells MW-4, MW-12, and MW-25 had contaminant concentrations that exceed Recommended Clean-up Objectives. Elevated concentrations of copper were detected in MW-12 and elevated concentrations of chromium were detected in MW-4 and MW-25. MW-12 is the shallowest of the three wells located in the

former degreasing area; and monitoring wells MW-4 and MW-25 are shallow wells located near the former leaching pool area. With the possible exception of MW-4, there does not appear to be a direct connection between the concentrations of metals in Site soils and impacted groundwater from the same locations. For example, elevated concentrations of chromium were detected in soil samples located adjacent to monitoring wells MW-6R and MW-5R, yet the concentrations of chromium were below the laboratory detection limits in groundwater samples from these wells.

Based on the laboratory analytical results of groundwater samples collected from Site monitoring wells during the week of December 15, 2003, groundwater is not significantly impacted by metals, with the possible exception of the former leaching pool area. Although nickel was intended for analysis, it was mistakenly omitted from the COC and therefore did not undergo laboratory analysis. With the exception of new monitoring wells GEC-1, -2, -3 and -4, it is GEC's opinion that there are sufficient prior analytical results for nickel to draw similar conclusions as those stated above for chromium and copper.

Similar to the CVOCs, concentrations of metals in groundwater have decreased over time. The concentration of copper in MW-3 decreased steadily from a high of 4,500 ppb in 1995 to a low of 84 ppb in 2003. The concentration of chromium (III) has decreased steadily in MW-12 from 18,000 ppb in 1995 to 7 ppb in 2003, and zinc decreased steadily in MW-2 from 747 ppb in 1994 to 15 ppb in 2003.

Refer to Table 2C for a summary of the analytical results for metals, and Figure 5A and 5B for metals contaminant distribution in groundwater.

3.3 Area of Concern Summary

AOC#1 – Former Seepage Lagoons

Metals contaminated soil remains within the former seepage lagoon area. Refer to Figure 3. However, non detectable to very low concentrations of total metals were recently reported for samples collected from monitoring wells located throughout this area, indicating very little leaching of metals to the water table. Please refer to Figure 5 for the distribution of metals contaminated groundwater. In addition, there has been a steady decline in the concentrations of metals detected in on-Site monitoring wells.

AOC#2 – Degreasing Area

Low to moderate concentrations of metals were detected in soil in this area. Once again the concentrations of metals in groundwater do not indicate an ongoing source or significant leaching of metals from soil to the groundwater. The concentrations of CVOCs have also decreased significantly.

Zachry Group, Inc.
GW 6/11/11 N.

AOC#3 – Former Leaching Pool Area

Moderate to elevated concentrations of metals were detected in soil in this area. Low to moderate concentrations of metals was detected in monitoring wells located in the leaching pool area.

AOC#4 – Cutting Oil Release Area

Recent soil samples collected from this area indicate that residual concentrations of SVOCs remain in soil located near the water table and within the smear zone. SVOCs were not detected in on-Site monitoring wells during the most recent sample event, and no measurable product was detected in the on-Site wells. As has been documented previously, contaminated soil is present beyond the limits of the soil excavation grave that resulted when approximately 500 cubic yards of soil were removed. The soil excavation project was terminated due to Site constraints. The data do not indicate that soil contamination extends significantly beyond the limits of the former excavation.

CVOCs and MTBE were detected in monitoring wells downgradient of this area. However, the concentrations of CVOCs and MTBE decrease quickly toward the southeast. Further, it is unclear whether MTBE is a site contaminant or an artifact of sampling or laboratory error. The CVOC concentrations have decreased steadily over the last few years, and the plume has decreased in size due to natural attenuation and likely biodegradation. The presence of natural degradation products and reduced contaminant concentrations supports the presence of a shrinking and naturally degrading plume. Please refer to Figure 4 for the CVOC and MTBE distribution in groundwater.

Soil - PAH 1,2,3,4 (C, C, N)
GW PAH 1,2,3,4 (C, C, N)

AOC#5 – Metals Plating Shop

Low to moderate concentrations of metals were detected in soil in this area. Low to moderate concentrations of metals was detected in groundwater in this area, indicating no significant impact to groundwater. Metals concentrations in groundwater have also declined steadily over the past several years nearing the Recommended Clean-up Objectives. Given the overall low to moderate concentrations of metals detected in groundwater, together with data concerning concentrations of metals in soils and groundwater generally at this Site, it is GEC's opinion that there is no plume of metals contamination in groundwater emanating from soils under the Linzer Products building. It is GEC's opinion that low concentrations of metals in groundwater beneath the Linzer Products building indicate that there is minimal and insignificant leaching of metals from soil to groundwater.

4.0 COST ESTIMATE SUMMARY

GEC has evaluated Remedial Cost Estimates for conducting soil and groundwater remediation at the Site as outlined in the ROC, dated March 2003. The estimate has been evaluated for five distinct areas of the Site: 1) beneath the parking area at the east end of the Site (former seepage lagoon area); 2) the area beneath a portion of the floor of the building (former degreasing areas); 3) the fenced area near the southeast corner of the building (former leaching pool area); 4) the former cutting oil release area, for treatment of groundwater; 5) the area beneath a portion of the floor of the building (former metal plating shop). Refer to Figure 2, which shows the location and estimated size of the remedial areas. Estimates for replacement of destroyed monitoring wells and five years of quarterly groundwater monitoring and reporting also were evaluated.

GEC did not prepare a cost estimate for the proposed soil removal from the cutting oil area because the most recent information demonstrates that the area has been remediated to the extent possible to the groundwater table, as required in the ROD. Due to the proximity of the former degreasing area to that of the former plating shop, cost estimates for those two areas were combined, as discussed below.

In accordance with NYSDEC's terminology, the five remedial areas are referenced as Areas of Concern (AOC) #1, AOC #2, AOC #3, AOC #4, and AOC #5 respectively. According to the ROD, AOC #2, the former degreasing area, was successfully remediated for VOCs in soil. This AOC is hereafter combined with AOC #5. The ROD discusses the well installation and long term monitoring as a "Miscellaneous Area of Concern". Costs for each AOC have been broken down into the cost for each of the following: Remediation Activities, Remediation Oversight and Business Interruption. Refer to Appendices D and E for an itemization of the costs, including business interruption costs provided by Linzer Products. Linzer provided all estimates of business interruption costs based on its unique knowledge of its own operations and internal information available from its own business records. Although GEC is not able to audit or separately validate Linzer's estimates, GEC has relied on them because they were generated from the best information presently available. Based on this information, GEC estimates that the cost to remediate AOC #1 to be \$2.18 million, AOC #3 to be \$1.06 million, AOC #4 to be \$1.31 million, AOC #2 and AOC #5 to be \$3.08 million, and the Miscellaneous AOC costs required for well replacement and long term monitoring and reporting for five years to be \$0.43 million.

Below is a summary of the work required to complete remediation of each AOC.

AOC #1 Former Seepage Lagoon Area

The former seepage lagoon area is currently used for parking trucks that are delivering materials used in Linzer's manufacturing process, and for shipping Linzer's products to its

customers. The area also includes major traffic lanes for delivery and shipping trucks. The steps involved for remediating this area would be essentially the same as those outlined for AOC #3 below, but would require a greater level of coordination or off hours work. The Site's proximity to a residential neighborhood may preclude off hours remedial work.

The cost for remediating AOC #1, including site preparation, remediation oversight, transportation and disposal of soils at an approved hazardous waste disposal area and Linzer Products' estimates for business interruption, is approximately \$2.18 million.

AOC #3 Former Leach Pool Area

In the former leaching pool area, which extends southward from the Site's south property boundary, clean up of metals contaminated soils would require the following steps and would take place over a two week period of time:

- remove outer perimeter of existing fence and for safety purposes reestablish fence line three to five feet further out (this step will likely require a letter of agreement being negotiated with the property owner(s) abutting the existing fence line);
- install sheet piling at location of initial fence line to prevent wall collapse during soil excavation;
- excavate and remove impacted soils from appropriate depth interval to stockpile area located on or off Site location;
- coordinate soil excavation and transportation to stockpiles with current plant operations and all in-coming and out-going transportation;
- sample and analyze stockpiles for disposal criteria;
- transport all impacted soils to regulated soil disposal area;
- conduct backfilling and compaction operations using similar schedule coordination; and
- remove sheet piling and reestablish fence line.

GEC has estimated that the cost of soil remediation in AOC #3 to be approximately \$1.06 million. The cost of soil remediation includes Site preparation, excavation and removal of contaminated soil above the water table, transportation and disposal costs, remediation oversight and Linzer Products' estimates for business interruption.

AOC #4 Former Cutting Oil Release

GEC has reviewed groundwater analytical data from Site monitoring wells and has determined that there is groundwater contamination consisting of cis - 1,2 DCE, TCE and PCE. The CVOC contamination appears to be centered on monitoring wells MW-16 and MW-17 and extends downgradient to the southeast.

In addition, GEC's most recent round of groundwater sampling generated laboratory reports of MTBE in groundwater. The highest concentrations are centered on monitoring well MW-20 and extend to the southeast. The detectable concentrations of MTBE in past sampling events were not significant and locations where it was reported did not form a discernable pattern. As noted above, the fact that there is no suspected source of MTBE at the Site, MTBE was detected in the absence of any BTEX or other gasoline constituents, and the latest reports of MTBE do not match prior sampling results suggest that the MTBE data may reflect sampling or laboratory error.

Remediation of VOCs from groundwater beneath the Linzer Products building would require the installation of extraction wells, the purchase and installation of a treatment system, the installation of underground leaching galleries, installation oversight, approximately five years of operations and maintenance, and business interruption. Installation of the groundwater treatment system would require the following steps and take place over a four-week period of time:

- Design of treatment system;
- Purchase of groundwater treatment system including well pumps, oil water separator (if necessary), carbon adsorption system and transfer pumps;
- Installation of extraction wells;
- Installation of treatment system plumbing, electrical systems, enclosure carpentry;
- Installation of underground leaching galleries;
- Installation oversight and quality assurance; and
- Five years of operations and maintenance, monthly inspections and sampling and quarterly reporting.

GEC has estimated that the cost for groundwater remediation including the installation of extraction wells, the treatment system and leaching galleries, remediation oversight and five years of operations and maintenance, and Linzer Products' estimates for business interruption is approximately \$1.31 million.

The ROD also calls for the excavation and off-Site disposal of contaminated soil from the cutting oil release area; however as discussed above, prior remedial efforts were successful in removing any ongoing source of contamination in this area above the water table. As a result, we have not estimated a cost to complete this task, as additional remedial actions are no longer warranted.

AOC #5 Former Metal Plating Area

In the former metal plating area designated on Figure 2 (as well as the former degreasing area), cleanup of residual metals-contaminated soil from beneath the floor would require the following steps, which would take place over approximately a nine-week period of time:

- shut down or relocate operations in or proximal to the areas outlined on Figure 2;
- remove all machinery and equipment from same areas;
- construct engineering support of roof and walls within and adjacent to impacted areas;
- remove necessary existing roof and wall supports;
- remove and dispose of flooring;
- excavate and remove non impacted soils from area to stockpiles located on or off Site for possible reuse as clean fill;
- excavate and remove impacted soils from appropriate depth interval to stockpiles located on or off Site;
- coordinate soil removal and transportation of soils to stockpiles with current plant operations and all in-coming and out-going transportation;
- sample and analyze both clean and contaminated stockpiles for reuse or disposal criteria;
- transport all impacted soils to regulated soil disposal area;
- conduct backfilling and compaction operations using similar schedule coordination;
- reestablish roof and wall supports;
- replace flooring; and
- reestablish manufacturing operations.

Of all the remedial actions contemplated under the ROD, it is expected that removal of soils beneath the building would have the greatest impact on ongoing operations within the Linzer Products building. The cost of remediating soils under the plant floor within the area outlined on Figure 2 where concentrations of metals of concern (MOC) exceed cleanup standards above the water table, Linzer Products' estimates for business interruption, exceeds \$3 million.

Post-remediation Well Replacement - Long Term Monitoring

GEC anticipates that various existing monitoring wells would be destroyed by remedial activities and would require replacement. In addition, GEC anticipates that additional monitoring wells may also be required to ensure adequate monitoring at the downgradient perimeter of the Site.

GEC also assumes that long term monitoring will be conducted on a semiannual to quarterly basis for a minimum of five years. This monitoring scheme can be configured with the frequency of sampling events per year decreasing but over a longer period of time, if it is thought to be more appropriate.

The cost for replacing destroyed monitoring wells including interior wells, installing new monitoring wells, conducting long term groundwater monitoring and quarterly reporting to the NYSDEC, and minor business interruptions over a five year period is estimated to be approximately \$0.43 million.

5.0 REQUEST FOR ROD MODIFICATION

GEC has completed additional subsurface investigation and assessment activities to support the remedial design required in the ROD dated March 2003. These activities were conducted in accordance with a Work Plan dated June 17, 2003 and approved by NYSDEC. Based on these investigations, GEC finds that subsurface conditions and assumptions used to develop the ROD are significantly different from current Site conditions. As such, in accordance with TAGM 4059, a Request for ROD Modification is appropriate.

Metals Contaminated Soil and Groundwater

During previous remedial activities soils beneath the former plating area (AOC #5) and sludge and soil from the former seepage lagoon area (AOC #1) were removed and disposed off-Site. Based on these remedial activities and the current low to moderate concentrations of the metals of concern (chromium, copper, nickel and zinc) in groundwater, it is GEC's opinion that there is no appreciable impact to groundwater due to leaching of metals from soils beneath these two areas. There is no evidence of a significant metals plume emanating from beneath the former plating area, degreasing area or the former lagoons. Further, the recent data further validates the conclusions presented in the RI/FS that concentrations of metals in groundwater do not pose a significant risk to public health. GEC does not believe that remediation of these areas, as proposed in the ROD is warranted or necessary given the marginal environmental benefit and the significant costs associated with remediation.

No soil remediation has been conducted to date with respect to metals in the former leaching pool area (AOC #3). Although recent groundwater data does not support significant leaching of the four metals of concern from soils to the groundwater, it is GEC's opinion that contaminants of concern in impacted soils in the former leaching pool area may warrant remediation to a depth coincident with the water table to further minimize the impact to groundwater and to limit soil exposure. This conclusion takes into account the comparatively

lower estimates of business interruption costs provided to GEC, the accessibility of soils in the former leaching pool area, and the most recent groundwater analytical data.

SVOC Contaminated Soil and Groundwater

Investigations conducted within and downgradient of the former cutting oil release area (AOC #4) indicate the presence of lubricating oil adsorbed to soil within the smear zone within and immediately downgradient of the AOC. Analytical results from groundwater samples collected from monitoring wells within that area (MW-23, GEC-5, MW-19) did not contain any SVOC analytes. Recent soil data from this area also indicate that residual levels of contamination remain only below the water table, as clean backfill material was placed above the water table during the last remedial efforts. Further, the presence of chlorinated solvents as well as degradation products detected downgradient of this AOC as well as the former degreasing area indicate that natural attenuation processes, including biodegradation, are occurring at the Site and are acting to further reduce contaminant concentrations. There is no evidence of contaminant plume migration; rather, there is evidence that the size and magnitude of the residual plume are decreasing. Finally, as indicated above, GEC's RI/FS demonstrated that there was no risk associated with the then-present contaminant levels, levels that have decreased with time.

It is GEC's opinion that no additional soil removal or groundwater remediation in this area is necessary.

VOC Contaminated Groundwater

A review of current and historical groundwater data indicates the presence of three chlorinated compounds (cis 1,2-DCE, TCE and PCE) in groundwater at the Site. Based on the distribution of these CVOCs, it is GEC's opinion that their downgradient extent is located approximately at monitoring well MW-5R and does not extend significantly beyond the limits of the property. In addition, a comparison of recent analytical data with past data indicates a steady decline in contaminant concentrations. The most recent data shows only slight exceedances above the Recommended Clean-up Objectives.

Based on analytical data from new and existing monitoring wells, and the absence of any continuing light (L) NAPL source, it is GEC's opinion that active groundwater remediation for CVOCs is not necessary. However, GEC proposes to conduct periodic monitoring for the presence of light nonaqueous phase liquid (LNAPL). If LNAPL is encountered GEC proposes to remediate the product via bailing or similar remedial action. The bailing frequency will be dependent on the product thickness and occurrence. It is important to note however, the GEC's RI/FS demonstrated that there was no risk associated with the levels of CVOCs reported in groundwater at that time. Since the concentrations continue to drop so too does the risk.

Proposed ROD Modifications

NYSDEC's TAGM-4059 defines the procedures to propose and document changes to remedies previously selected in a Record of Decision. Such changes may range from "minor" to "significant" and "fundamental". GEC does not recommend significant change with respect to the excavation and disposal of metals contaminated soil from the former leaching pool area and the long term groundwater monitoring (described above). However, it is GEC's opinion that fundamental changes to the ROD are necessary with respect to the remediation proposed for all other areas of concern at the Site.

Specifically, with respect to the Former Seepage Lagoons (AOC #1) the concentration of metals and VOCs in groundwater has decreased with time and there is no evidence that a significant metals or VOC plume of groundwater contamination has resulted from the presence of residually contaminated soil. A characterization of risk has demonstrated that there is no current or future significant risk to public health given current site conditions and given current and reasonably foreseeable future site uses. Remediation in this area was originally proposed by NYSDEC not because a health risk was present but because a potential plume could result in exceedences of ambient groundwater quality standards. Recent sampling indicates that such a plume is not present. Given the costs, including the estimates of substantial business interruption costs recently provided to GEC, as compared to the minimal benefit associated with such work, remediation is not warranted.

GEC recommends continued monitoring for a limited term (e.g., five years) to confirm that groundwater conditions will remain in a steady state and/or continue declining. GEC also recommends that a soil management plan be implemented to assure that proper soil handling practices are employed and to minimize risk to residents and workers in the event that soil excavation associated with construction or repairs is implemented.

With respect to the Degreasing Area (AOC #2), no remediation has been proposed by NYSDEC and none is recommended by GEC.

With respect to the Cutting Oil Release Area (AOC #4), GEC's investigations have documented soil contamination around the perimeter of the area where soil excavation was conducted several years ago north of the Linzer Products building. Soil contamination is also present within the groundwater smear zone at depth. Groundwater sampling indicates only an occasional presence of a thin LNAPL layer immediately downgradient of the area excavated. Dissolved Phase VOCs and SVOCs within the source area are relatively low to non-detect and appear to be decreasing. Further, though CVOCs are present at concentrations above ambient groundwater quality standards beneath the building, these concentrations decrease significantly prior to reaching the property boundary. In addition, there is nothing to indicate that CVOCs are

migrating from beneath the building and CVOC degradation products have been documented and appear to indicate natural biodegradation.

The ROD proposes excavation of contaminated soil and the installation of a groundwater treatment system to reduce contaminant concentrations in soil and groundwater, though a condition of no significant risk has been documented. In GEC's opinion, physical constraints at the Site, including the proximity of utilities, a public thoroughfare and the site building would make excavation of contaminated soil impracticable. As noted above, estimates of business interruption costs provided to GEC indicate that the collateral economic impacts of this work could be substantial. Further, based on our investigations, significant soil contamination is not present beyond the limits of the previous excavation except within the smear zone. Soil excavation within the smear zone is not contemplated. Given the low concentrations of contaminants in groundwater and the limited risk associated with the presence of these contaminants, GEC believes that groundwater remediation is also not warranted. Instead, GEC recommends continued sampling to assure that the natural biodegradation detected to date continues to degrade contaminants. GEC proposes to conduct periodic monitoring for the presence of LNAPL. If LNAPL is encountered GEC proposes to remediate the product via bailing or similar remedial action. The bailing frequency will be dependent on the product thickness and occurrence.

With respect to the Metals Plating Shop (AOC #5) investigations have documented that metals contaminated soil is present beneath the floor but at concentrations that are lower than those used previously to characterize risk. Soil excavation was conducted in this area prior to Linzer Products ownership, but a portion of Linzer's production line now occupies the area. Groundwater samples collected within and downgradient of the former plating area do not indicate a plume of metals contaminated groundwater emanating from the plating area. In general, concentrations of metals are typically below groundwater quality standards (MW-3) prior to migrating off the Site.

NYSDEC proposed remediation in AOC #5 due to concerns that soil would act as a continuing source of metals contamination to groundwater and not because an unacceptable risk was determined. In GEC's opinion, concerns about a groundwater plume are not founded, based on recent data. The costs associated with remediation of metals contaminated soil are disproportionately high given the already low concentrations of contaminants. The infeasibility of remediating this area is compounded when the estimates of business interruption costs provided to GEC, which are the highest of all the AOCs, are considered.

GEC recommends continued monitoring for a limited term (e.g., five years) to confirm that groundwater conditions will remain in a steady state and/or continue declining. GEC also recommends that a soil management plan be implemented to assure that proper soil handling

practices are employed and to minimize risk to residents and workers in the event that soil excavation associated with construction or repairs is implemented.

Finally, we believe that the recommended modifications to the ROD meet the stated remediation goals of the ROD, namely to eliminate or reduce to the extent practicable:

- *Exposures of persons at or around the Site to metals and SVOCs in soil and groundwater;*

Institutional controls can be set in place to ensure safety of workers during subsurface construction activities and to restrict the use of on-Site groundwater to provide protection to human health.

- *The release of contamination from soil into groundwater that may create exceedances of ambient groundwater quality standards;*

The recent data clearly show that there is no significant adverse impact to groundwater quality due to metals contaminated soil. The concentrations of metals in groundwater have decreased steadily over several years and are nearly below Recommended Clean-up Objectives. The primary area where there is exceedance (MW-4) is proposed to be remediated (AOC# 3) via soil excavation.

- *Also to attain, to the extent practicable, ambient groundwater quality standards; and*

As stated above, the levels of total metals in groundwater are approaching the Recommended Clean-up Objectives and have been declining steadily over the past several years. Continued attenuation is expected to attain this goal.

- *The soil cleanup objectives specified in TAGM #4046.*

The soil cleanup objectives can be met only with extensive soil excavation and off-Site disposal of thousands of cubic yards of material, at great expense and according to the current Site owner, great risk to the business currently operating on the Site. Therefore, it is neither practicable nor justifiable to attain this goal based on the negligible impact to groundwater quality and the institutional controls that can be implemented to protect human health.

We therefore recommend, and respectfully request that the ROD selected remedial alternatives be re-evaluated based on this new information.

6.0 WARRANTY

The conclusions contained in this report are based on the information readily available to GEC as of May 11, 2004. The conclusions and recommendations may require revisions if future regulatory changes occur.

GEC provides no warranties on information provided by third parties and contained herein. Data compiled was in accordance with GEC's approved scope of services and should not be construed beyond its limitations. Any interpretations or use of this report other than those expressed herein are not warranted.

The use, partial use, or duplication of this report without the express written consent of Goldman Environmental Consultants, Inc. is strictly prohibited unless authorized by GEC. This report is subject to GEC's Contract for Consulting Services with the Client.

Respectfully submitted,

Goldman Environmental Consultants, Inc.

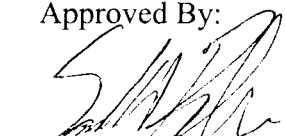
Prepared By:


Rick Krane, P.G.
Senior Geologist

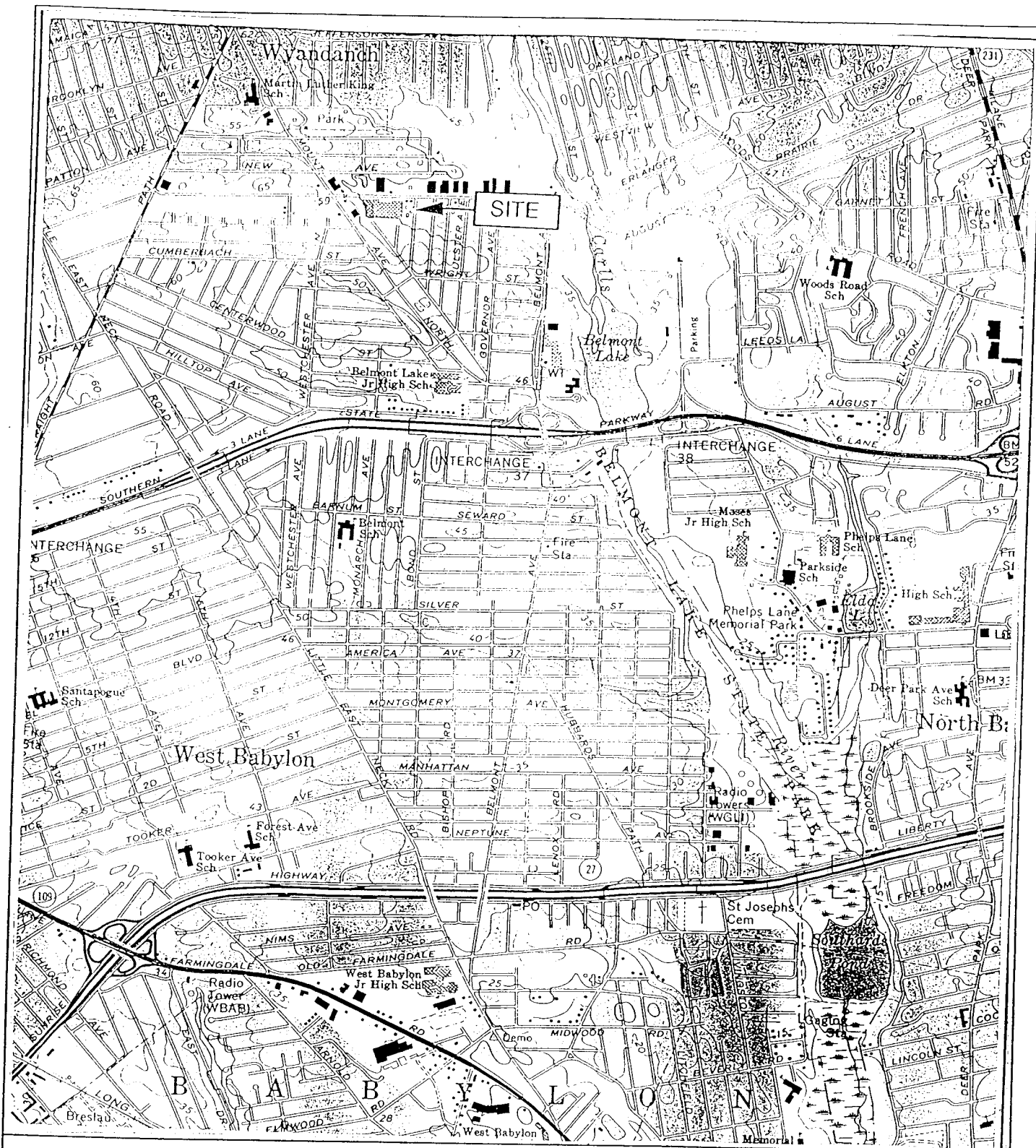
Reviewed By:


for Brian T. Butler, P.G.
Senior Project Manager

Approved By:


Samuel W. Butcher, PG, CHMM
Vice President, Operations

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USGS 7.5' Series Topographic

Bay Shore West, New York Quadrangle

GEC

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Braintree, MA 02184
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SITE LOCUS MAP

248 WYANDANCH AVENUE
WYANDANCH, NEW YORK
Project No. 441-1084

FIGURE 1

SCALE
1 : 24 000



SUMMARY OF SOL ANALYTICAL DATA:
VOLATILE ORGANIC COMPOUNDS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per billion [ppb], µg/kg)

Sample Identification	Sample Date	Sample Depth(feet)	Analytical Method	Acetone	Benzene	2-Butanone	n-Butyl-benzene	sec-Butyl benzene	Carbon Disulfide	Chlorobenzene	Chloroform
Method Blank	1/26/98		8260	8.0 J	ND	ND	10	NA	ND	5.0	ND
TCE-B-1	1/23/98	0-2	8260	ND	ND	ND	10	NA	ND	5.0	ND
TCE-B-1	1/23/98	4-6	8260	22 B	ND	ND	10	NA	ND	5.0	ND
TCE-B-1	1/23/98	8-10	8260	65 B	ND	ND	10	NA	ND	5.0	ND
Method Blank	1/28/98		8260	21	ND	ND	10	NA	ND	5.0	ND
AQ-1	1/27/98	0-2	8260	26 B	ND	ND	10	NA	ND	5.0	ND
AQ-1	1/27/98	4-6	8260	50 B	ND	ND	10	NA	ND	5.0	ND
AQ-1	1/27/98	8-10	8260	47 B	ND	ND	10	NA	ND	5.0	ND
Method Blank	1/27/98		8260	ND	ND	ND	1,200	NA	ND	620	ND
PA-1	1/23/98	6	8260	ND	ND	ND	1,200	NA	ND	620	ND
Method Blank	1/27/98		8260	ND	ND	ND	1,200	NA	ND	620	ND
VOT-1	1/27/98	0-2	8260	ND	ND	ND	1,200	NA	ND	620	ND
Method Blank	9/18/98		8260	6.0 J	ND	ND	10	NA	ND	5.0	ND
B-31	9/14/98	0-2	8260	5.0 JB	ND	ND	10	NA	ND	5.0	ND
B-31	9/14/98	5-7	8260	ND	ND	ND	10	NA	ND	5.0	ND
B-31	9/14/98	10-12	8260	ND	ND	ND	10	NA	ND	5.0	ND
B-36	9/14/98	5-7	8260	5.0 JB	ND	ND	10	NA	ND	5.0	ND
B-37	9/14/98	5-7	8260	ND	ND	ND	10	NA	ND	5.0	ND
Method Blank	9/19/98		8260	10	ND	ND	10	NA	ND	5.0	ND
MW-26	9/15/98	5-7	8260	ND	ND	ND	10	NA	ND	5.0	ND
MW-26	9/15/98	10-12	8260	12 B	ND	ND	10	NA	ND	5.0	ND
B-27*	9/15/98	10-12	8260	100 B	2.0 J	ND	10	NA	9.0	5.0	ND
Method Blank	9/20/98		8260	ND	ND	ND	10	NA	ND	5.0	ND
Method Blank	9/21/98		8260	11	ND	ND	10	NA	ND	5.0	ND
B-28*	9/15/98	10-12*	8260	52 JB	ND	ND	10	NA	10	5.0	ND
Method Blank	9/19/98		8260	10	ND	ND	10	NA	ND	5.0	ND
B-29	9/15/98	5-7	8260	ND	ND	ND	10	NA	ND	5.0	ND
B-29	9/15/98	10-12	8260	ND	ND	ND	10	NA	ND	5.0	ND
B-30	9/15/98	0-2	8260	ND	ND	ND	10	NA	2.0 J	5.0	ND
B-30	9/15/98	5-7	8260	ND	ND	ND	10	NA	ND	5.0	ND
B-30	9/15/98	10-12	8260	10 JB	ND	ND	10	NA	ND	5.0	ND
B-35	9/15/98	5-7	8260	ND	ND	ND	10	NA	ND	5.0	ND
MW-25	9/15/98	0-2	8260	7.0 JB	ND	ND	10	NA	ND	5.0	ND
MW-25	9/15/98	5-7	8260	ND	ND	ND	10	NA	ND	5.0	ND
MW-26	9/15/98	0-2	8260	44 B	ND	ND	10	NA	ND	5.0	ND
Method Blank	11/23/98		8260	5.0 J	ND	ND	10	NA	ND	5.0	ND
SVE CON-5	11/18/98	5-6	8260	ND	ND	ND	10	NA	ND	5.0	ND
SVE CON-5 (SS)	11/18/98	5-6	8260	6.0 J	NG	ND	11	NA	ND	11	ND
B-34	11/18/98	0-2	8260	8.0 JB	ND	ND	10	NA	ND	5.0	ND
B-34	11/18/98	5-7	8260	12 B	ND	ND	10	NA	ND	5.0	ND
LP-1	11/18/98	6-8	8260	ND	ND	ND	10	NA	2.0 J	5.0	ND
LP-2	11/18/98	6-8	8260	17 B	ND	ND	10	NA	ND	5.0	ND
LP-3	11/18/98	6-8	8260	17 B	ND	ND	10	NA	ND	5.0	ND

SUMMARY OF SO₂ ANALYTICAL DATA:

VOLATILE ORGANIC COMPOUNDS

248 Wyandanch Avenue, Wyandanch, New York

(unit: parts per billion [ppb], µg/kg)

Sample Identification	Sample Date	Sample Depth(feet)	Analytical Method	1,4-Dichloro benzene	1,1-Dichloro ethene	1,2-Dichloro ethene(total)	Ethylbenzene	2-Hexanone	p-Isopropyl-toluene	Methylene Chloride	4-Methyl (MIBK) 2-Pentanone
Method Blank	1/26/98		8260	NA	ND	ND	ND	ND	NA	ND	ND
TCE-B-1	1/23/98	0-2	8260	NA	ND	ND	ND	ND	NA	ND	ND
TCE-B-1	1/23/98	4-6	8260	NA	ND	ND	ND	ND	NA	ND	ND
TCE-B-1	1/23/98	8-10	8260	NA	ND	ND	ND	ND	NA	ND	ND
Method Blank	1/28/98		8260	NA	ND	ND	ND	ND	NA	ND	ND
AQ-1	1/27/98	0-2	8260	NA	ND	ND	ND	ND	NA	ND	ND
AQ-1	1/27/98	4-6	8260	NA	ND	ND	ND	ND	NA	ND	ND
AQ-1	1/27/98	8-10	8260	NA	ND	ND	ND	ND	NA	ND	ND
Method Blank	1/27/98		8260	NA	ND	ND	ND	ND	NA	ND	ND
PA-1	1/23/98	6	8260	NA	ND	ND	ND	ND	NA	ND	ND
Method Blank	1/27/98		8260	NA	ND	ND	ND	ND	NA	ND	ND
VOT-1	1/27/98	0-2	8260	NA	ND	ND	ND	ND	NA	ND	ND
Method Blank	9/18/98		8260	NA	ND	ND	ND	ND	NA	ND	ND
B-31	9/14/98	0-2	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-31	9/14/98	5-7	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-31	9/14/98	10-12	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-36	9/14/98	5-7	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-37	9/14/98	5-7	8260	NA	ND	ND	ND	ND	NA	ND	ND
Method Blank	9/19/98		8260	NA	ND	ND	ND	ND	NA	ND	ND
MW-26	9/15/98	5-7	8260	NA	ND	ND	ND	ND	NA	ND	ND
MW-26	9/15/98	10-12	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-27*	9/15/98	10-12	8260	NA	ND	ND	ND	ND	NA	ND	ND
Method Blank	9/20/98		8260	NA	ND	ND	ND	ND	NA	ND	ND
Method Blank	9/21/98		8260	NA	ND	ND	ND	ND	NA	ND	ND
B-28*	9/15/98	10-12*	8260	NA	ND	ND	ND	ND	NA	ND	ND
Method Blank	9/19/98		8260	NA	ND	ND	ND	ND	NA	ND	ND
B-29	9/15/98	5-7	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-29	9/15/98	10-12	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-30	9/15/98	0-2	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-30	9/15/98	5-7	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-30	9/15/98	10-12	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-35	9/15/98	5-7	8260	NA	ND	ND	ND	ND	NA	ND	ND
MW-25	9/15/98	0-2	8260	NA	ND	ND	ND	ND	NA	ND	ND
MW-25	9/15/98	5-7	8260	NA	ND	ND	ND	ND	NA	ND	ND
MW-26	9/15/98	0-2	8260	NA	ND	ND	ND	ND	NA	ND	ND
Method Blank	11/23/98		8260	NA	ND	ND	ND	ND	NA	ND	ND
SVE CON-5	11/18/98	5-6	8260	NA	ND	ND	ND	ND	NA	ND	ND
SVE CON-5 (SS)	11/18/98	5-6	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-34	11/18/98	0-2	8260	NA	ND	ND	ND	ND	NA	ND	ND
B-34	11/18/98	5-7	8260	NA	ND	ND	ND	ND	NA	ND	ND
LP-1	11/18/98	6-8	8260	NA	ND	ND	ND	ND	NA	ND	ND
LP-2	11/18/98	6-8	8260	NA	ND	ND	ND	ND	NA	ND	ND
LP-3	11/18/98	6-8	8260	NA	ND	ND	ND	ND	NA	ND	ND

SUMMARY OF SOIL ANALYTICAL DATA:

VOLATILE ORGANIC COMPOUNDS

248 Wyandanch Avenue, Wyandanch, New York

(unit, parts per billion [ppb], µg/kg)

Sample Identification	Sample Date	Sample Depth(feet)	Analytical Method	MTBE	Naphthalene	Styrene	Tetrachloro ethene	Trichloro ethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Toluene	Xylene	SQL
Method Blank	1/26/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
TCE-B-1	1/23/98	0-2	8260	NA	NA	ND	5.0	220	5.0	NA	ND	ND	5.0
TCE-B-1	1/23/98	4-6	8260	NA	NA	ND	5.0	42	5.0	NA	ND	ND	5.0
TCE-B-1	1/23/98	8-10	8260	NA	NA	ND	5.0	130	5.0	NA	ND	ND	5.0
Method Blank	1/28/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
AQ-1	1/27/98	0-2	8260	NA	NA	ND	5.0	41	5.0	NA	ND	2.0	5.0
AQ-1	1/27/98	4-6	8260	NA	NA	ND	5.0	7.0	5.0	NA	ND	ND	5.0
AQ-1	1/27/98	8-10	8260	NA	NA	ND	5.0	5.0	5.0	NA	ND	ND	5.0
Method Blank	1/27/98		8260	NA	NA	ND	620	ND	620	NA	ND	620	620
PA-1	1/23/98	6	8260	NA	NA	ND	3,200	6,000	620	NA	ND	620	620
Method Blank	1/27/98		8260	NA	NA	ND	620	ND	620	NA	ND	620	620
VOT-1	1/27/98	0-2	8260	NA	NA	ND	390	13,000	620	NA	ND	620	620
Method Blank	9/18/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
B-31	9/14/98	0-2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
B-31	9/14/98	5-7	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
B-31	9/14/98	10-12	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
B-36	9/14/98	5-7	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
B-37	9/14/98	5-7	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
Method Blank	9/19/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
MW-26	9/15/98	5-7	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
MW-26	9/15/98	10-12	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
B-27*	9/15/98	10-12	8260	NA	NA	ND	5.0	7.0	5.0	NA	10	5.0	5.0
Method Blank	9/20/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
Method Blank	9/21/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
B-28*	9/15/98	10-12*	8260	NA	NA	ND	5.0	ND	5.0	NA	20	5.0	5.0
Method Blank	9/19/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
B-29	9/15/98	5-7	8260	NA	NA	ND	5.0	11	5.0	NA	ND	ND	5.0
B-29	9/15/98	10-12	8260	NA	NA	ND	5.0	2.0	5.0	NA	ND	ND	5.0
B-30	9/15/98	0-2	8260	NA	NA	ND	5.0	ND	5.0	NA	0.5	5.0	5.0
B-30	9/15/98	5-7	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
B-30	9/15/98	10-12	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
B-35	9/15/98	5-7	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
MW-25	9/15/98	0-2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
MW-25	9/15/98	5-7	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
MW-26	9/15/98	0-2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
Method Blank	11/23/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
SVE CON-5	11/18/98	5-6	8260	NA	NA	ND	5.0	140	5.0	NA	ND	ND	5.0
SVE CON-5 (SS)	11/18/98	5-6	8260	NA	NA	ND	11	500	NG	NA	ND	11	11
B-34	11/18/98	0-2	8260	NA	NA	ND	5.0	0.6	5.0	NA	ND	ND	5.0
B-34	11/18/98	5-7	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
LP-1	11/18/98	6-8	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
LP-2	11/18/98	6-8	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0
LP-3	11/18/98	6-8	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	ND	5.0

SUMMARY OF SOL ANALYTICAL DATA:
VOLATILE ORGANIC COMPOUNDS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per billion [ppb], µg/kg)

Sample Identification	Sample Date	Sample Depth(feet)	Analytical Method	Acetone	Benzene	2-Butanone	n-Butyl-benzene	sec-Butyl benzene	Carbon Disulfide	Chlorobenzene	Chloroform	SQL
Method Blank	11/20/98		8260	3.0 J	10	1.0 J	NA	NA	ND	5.0	ND	5.0
SVE CON-1	11/18/98	5-6	8260	9.0 JB	10	ND	NA	NA	ND	5.0	ND	5.0
SVE CON-2	11/18/98	5-6	8260	18 B	10	ND	NA	NA	ND	5.0	ND	5.0
SVE CON-3	11/18/98	5-6	8260	56 B	10	ND	NA	NA	ND	5.0	ND	5.0
SVE CON-3 (SS)	11/18/98	5-6	8260	34	NG	10	NA	NA	ND	10	ND	10
SVE CON-4	11/18/98	5-6	8260	11 B	10	ND	NA	NA	ND	5.0	ND	5.0
SVE CON-6	11/18/98	5-6	8260	9.0 JB	10	ND	NA	NA	ND	5.0	ND	5.0
SVE CON-6 (SS)	11/18/98	5-6	8260	6.0 J	NG	11	NA	NA	ND	11	ND	11
SVE CON-7	11/18/98	5-6	8260	17 B	10	ND	NA	NA	ND	5.0	ND	5.0
SVE CON-7 Dup	11/18/98	5-6	8260	6.0 JB	10	ND	NA	NA	ND	5.0	ND	5.0
B-32	11/18/98	0-2	8260	9.0 JB	10	ND	NA	NA	ND	5.0	ND	5.0
B-32	11/18/98	5-7	8260	15 B	10	ND	NA	NA	ND	5.0	ND	5.0
B-33	11/18/98	0-2	8260	10 B	10	ND	NA	NA	ND	5.0	ND	5.0
B-33	11/18/98	5-7	8260	11 B	10	ND	NA	NA	ND	5.0	ND	5.0
Method Blank	11/23/98		8260	5.0 J	10	ND	NA	NA	ND	5.0	ND	5.0
LP-4	11/18/98	6-8	8260	9.0 JB	10	ND	NA	NA	ND	5.0	ND	5.0
Method Blank	11/24/98		8260	1,300 J	1,000	760 J	NA	NA	ND	1,000	ND	1,000
SVE CON-8	11/18/98	5-6	8260	890 JB	1,000	3800	NA	NA	ND	1,000	ND	1,000
Method Blank	11/23/98		8260	7.0 J	10	ND	NA	NA	ND	5.0	ND	5.0
HB-1	11/19/98	2	8260	9.0 JB	10	ND	NA	NA	ND	5.0	ND	5.0
Method Blank	11/24/98		8260	ND	10	ND	NA	NA	ND	5.0	ND	5.0
HB-6	11/19/98	2	8260	6.0 J	10	ND	NA	NA	ND	5.0	ND	5.0
Method Blank	11/24/98		8260	ND	10	ND	NA	NA	ND	5.0	ND	5.0
HB-1	11/19/98	0-3	8260	18	10	ND	NA	NA	ND	5.0	ND	5.0
HB-2	11/19/98	0-3	8260	19	10	ND	NA	NA	ND	5.0	ND	5.0
HB-2	11/19/98	2	8260	13	10	ND	NA	NA	ND	5.0	ND	5.0
HB-3	11/19/98	2	8260	3.0 JB	10	ND	NA	NA	ND	5.0	ND	5.0
HB-4	11/19/98	2	8260	11	10	ND	NA	NA	ND	5.0	ND	5.0
HB-5	11/19/98	2	8260	12	10	ND	NA	NA	ND	5.0	ND	5.0
HB-7	11/19/98	2	8260	4.0 JB	10	ND	NA	NA	ND	5.0	ND	5.0
Tea Garden	11/19/98	2	8260	4.0 JB	10	ND	NA	NA	ND	5.0	ND	5.0
Method Blank	4/12/99		8260	ND	10	ND	NA	NA	ND	5.0	ND	5.0
R4-6	4/6/99	4-6	8260	ND	10	ND	NA	NA	ND	5.0	ND	5.0
Method Blank	4/13/99		8260	ND	10	ND	NA	NA	ND	5.0	ND	5.0
R4-1	4/6/99	4-6	8260	ND	10	ND	NA	NA	ND	5.0	ND	5.0
R4-2	4/6/99	4-6	8260	ND	10	ND	NA	NA	ND	5.0	ND	5.0
R4-2 Duplicate	4/6/99	4-6	8260	ND	10	ND	NA	NA	ND	5.0	ND	5.0
R4-3	4/6/99	4-6	8260	17	10	ND	NA	NA	3.0 J	5.0	ND	5.0
R4-3 Duplicate	4/6/99	4-6	8260	13	10	ND	NA	NA	3.0 J	5.0	ND	5.0
R4-4	4/6/99	4-6	8260	7.0 J	10	ND	NA	NA	ND	5.0	ND	5.0
R4-4 Duplicate	4/6/99	4-6	8260	ND	10	ND	NA	NA	ND	5.0	ND	5.0
R4-5	4/6/99	4-6	8260	28	10	ND	NA	NA	1.0 J	5.0	ND	5.0
R4-5 Duplicate	4/6/99	4-6	8260	39	10	ND	NA	NA	1.0 J	5.0	ND	5.0
R4-6	4/6/99	4-6	8260	ND	10	ND	NA	NA	ND	5.0	ND	5.0

SUMMARY OF SOLVENT ANALYTICAL DATA:

VOLATILE ORGANIC COMPOUNDS

248 Wyandanch Avenue, Wyandanch, New York

(unit, parts per billion [ppb], µg/kg)

Sample Identification	Sample Date	Sample Depth(feet)	Analytical Method	1,4-Dichloro benzene	1,1-Dichloro ethene	1,2-Dichloro ethene(total)	Ethylbenzene	2-Hexanone	p-Isopropyl-toluene	Methylene Chloride	4-Methyl 2-Pentanone
Method Blank	11/20/98		8260	NA	ND	ND	5.0	ND	10	0.8	ND
SVE CON-1	11/18/98	5-6	8260	NA	ND	ND	5.0	ND	10	J	ND
SVE CON-2	11/18/98	5-6	8260	NA	ND	ND	5.0	ND	10	JB	ND
SVE CON-3	11/18/98	5-6	8260	NA	ND	2.0	5.0	ND	10	JB	ND
SVE CON-3 (SS)	11/18/98	5-6	8260	NA	ND	100	5.0	ND	10	JB	ND
SVE CON-4	11/18/98	5-6	8260	NA	ND	480	NG	ND	10	J	ND
SVE CON-6	11/18/98	5-6	8260	NA	ND	ND	5.0	ND	10	ND	ND
SVE CON-6 (SS)	11/18/98	5-6	8260	NA	ND	ND	5.0	ND	10	JB	ND
SVE CON-7	11/18/98	5-6	8260	NA	ND	11	5.0	ND	11	J	ND
SVE CON-7 Dup.	11/18/98	5-6	8260	NA	ND	4.0	5.0	ND	10	JB	ND
B-32	11/18/98	0-2	8260	NA	ND	ND	5.0	ND	10	ND	ND
B-32	11/18/98	5-7	8260	NA	ND	ND	5.0	ND	10	ND	ND
B-33	11/18/98	0-2	8260	NA	ND	ND	5.0	ND	10	ND	ND
B-33	11/18/98	5-7	8260	NA	ND	ND	5.0	ND	10	JB	ND
Method Blank LP-4	11/23/98		8260	NA	ND	ND	5.0	ND	10	3.0	ND
Method Blank	11/18/98	6-8	8260	NA	ND	ND	5.0	ND	10	J	ND
SVE CON-8	11/18/98	5-6	8260	NA	ND	1,000	1,000	210	1,000	ND	190
Method Blank HB-1	11/23/98		8260	NA	ND	ND	5.0	ND	10	500	640
Method Blank HB-6	11/19/98	2	8260	NA	ND	ND	5.0	ND	10	J	JB
Method Blank HB-6	11/24/98	2	8260	NA	ND	ND	5.0	ND	10	ND	ND
Method Blank HB-1	11/19/98	0-3	8260	NA	ND	ND	5.0	ND	10	ND	ND
Method Blank HB-2	11/19/98	0-3	8260	NA	ND	ND	5.0	ND	10	3.0	ND
Method Blank HB-2	11/19/98	2	8260	NA	ND	ND	5.0	ND	10	J	ND
Method Blank HB-3	11/19/98	2	8260	NA	ND	ND	5.0	ND	10	B	ND
Method Blank HB-4	11/19/98	2	8260	NA	ND	ND	5.0	ND	10	8.0	ND
Method Blank HB-5	11/19/98	2	8260	NA	ND	ND	5.0	ND	10	B	ND
Method Blank HB-7	11/19/98	2	8260	NA	ND	ND	5.0	ND	10	5.0	ND
Tea Garden	11/19/98	2	8260	NA	ND	ND	5.0	ND	10	1.0	ND
Method Blank R4-6	4/12/99		8260	NA	ND	ND	5.0	ND	10	2.0	ND
Method Blank R4-6	4/6/99	4-6	8260	NA	ND	ND	5.0	ND	10	ND	ND
Method Blank R4-1	4/6/99	4-6	8260	NA	ND	ND	5.0	ND	10	2.0	ND
Method Blank R4-2	4/6/99	4-6	8260	NA	ND	ND	5.0	ND	10	J	ND
Method Blank R4-2 Duplicate	4/6/99	4-6	8260	NA	ND	ND	5.0	ND	10	1.0	ND
Method Blank R4-3	4/6/99	4-6	8260	NA	ND	ND	5.0	ND	10	7.0	ND
Method Blank R4-3 Duplicate	4/6/99	4-6	8260	NA	ND	ND	5.0	ND	10	JB	ND
Method Blank R4-4	4/6/99	4-6	8260	NA	ND	ND	5.0	ND	10	6.0	ND
Method Blank R4-4 Duplicate	4/6/99	4-6	8260	NA	ND	ND	5.0	ND	10	JB	ND
Method Blank R4-5	4/6/99	4-6	8260	NA	ND	ND	5.0	ND	10	2.0	ND
Method Blank R4-5 Duplicate	4/6/99	4-6	8260	NA	ND	ND	5.0	ND	10	JB	ND
Method Blank R4-6	4/6/99	4-6	8260	NA	ND	ND	5.0	ND	10	2.0	ND

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SUMMARY OF SOIL ANALYTICAL DATA:
VOLATILE ORGANIC COMPOUNDS
248 Wyandanch Avenue, Wyandanch, New York
(unit, parts per billion [ppb], µg/kg)

Sample Identification	Sample Date	Sample Depth(feet)	Analytical Method	MTBE	Naphthalene	Styrene	Tetrachloro ethene	Trichloro ethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Toluene	Xylene
Method Blank	11/20/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
SVE CON-1	11/18/98	5-6	8260	NA	NA	ND	5.0	15	5.0	NA	ND	5.0
SVE CON-2	11/18/98	5-6	8260	NA	NA	ND	5.0	42	5.0	NA	ND	5.0
SVE CON-3	11/18/98	5-6	8260	NA	NA	ND	5.0	6.0	5.0	NA	1.0 J	5.0
SVE CON-3 (S)	11/18/98	5-6	8260	NA	NA	ND	10	35	NG	NA	4.0 J	10
SVE CON-4	11/18/98	5-6	8260	NA	NA	ND	5.0	56	5.0	NA	ND	5.0
SVE CON-6	11/18/98	5-6	8260	NA	NA	ND	5.0	3.0 J	5.0	NA	ND	5.0
SVE CON-6 (S)	11/18/98	5-6	8260	NA	NA	ND	11	ND	11	NA	ND	11
SVE CON-7	11/18/98	5-6	8260	NA	NA	ND	5.0	120	5.0	NA	ND	5.0
SVE CON-7 Dup.	11/18/98	5-6	8260	NA	NA	ND	5.0	3.0 J	5.0	NA	ND	5.0
B-32	11/18/98	0-2	8260	NA	NA	ND	5.0	2.0 J	5.0	NA	ND	5.0
B-32	11/18/98	5-7	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
B-33	11/18/98	0-2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
B-33	11/18/98	5-7	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
Method Blank	11/23/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
LP-4	11/18/98	6-8	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
Method Blank	11/24/98		8260	NA	NA	ND	5.0	ND	1,000	NA	ND	1,000
SVE CON-8	11/18/98	5-6	8260	NA	NA	67 J	970 J	2,700	1,000	NA	450 J	740 J
Method Blank	11/23/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
HB-1	11/19/98	2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
Method Blank	11/24/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
HB-6	11/19/98	2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
Method Blank	11/24/98		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
HB-1	11/19/98	0-3	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
HB-2	11/19/98	0-3	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
HB-2	11/19/98	2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
HB-3	11/19/98	2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
HB-4	11/19/98	2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
HB-5	11/19/98	2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
HB-7	11/19/98	2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
Tea Garden	11/19/98	2	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
Method Blank	4/12/99		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
R4-6	4/6/99	4-6	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
Method Blank	4/13/99		8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
R4-1	4/6/99	4-6	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
R4-2	4/6/99	4-6	8260	NA	NA	ND	5.0	630	5.0	NA	ND	5.0
R4-2 Duplicate	4/6/99	4-6	8260	NA	NA	ND	5.0	620	5.0	NA	ND	5.0
R4-3	4/6/99	4-6	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
R4-3 Duplicate	4/6/99	4-6	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0
R4-4	4/6/99	4-6	8260	NA	NA	ND	5.0	12	5.0	NA	ND	5.0
R4-4 Duplicate	4/6/99	4-6	8260	NA	NA	ND	5.0	11	5.0	NA	ND	5.0
R4-5	4/6/99	4-6	8260	NA	NA	ND	5.0	0.80 J	5.0	NA	ND	5.0
R4-5 Duplicate	4/6/99	4-6	8260	NA	NA	ND	5.0	0.70 J	5.0	NA	ND	5.0
R4-6	4/6/99	4-6	8260	NA	NA	ND	5.0	ND	5.0	NA	ND	5.0

SUMMARY OF SOLVENT ANALYTICAL DATA:

VOLATILE ORGANIC COMPOUNDS

248 Wyandanch Avenue, Wyandanch, New York
(unit, parts per billion [ppb], µg/kg)

Sample Identification	Sample Date	Sample Depth (feet)	Analytical Method	Acetone	Benzene	2-Butanone	n-Butylbenzene	SQL	sec-Butylbenzene	SQL	Carbon Disulfide	Chlorobenzene	Chloroform	SQL
Method Blank	6/24/99		8260	5.0 J 10	ND	3.0 J 10	NA		NA		ND	U 5.0	ND	U 5.0
SVE CONFIRM-8E	6/22/99	6-8	8260	40 B 10	ND	9.0 JB 10	NA		NA		ND	U 5.0	ND	U 5.0
E CONFIRM-8B R	6/24/99	6-8	8260	59 B 10	ND	14 B 10	NA		NA		ND	U 5.0	ND	U 5.0
G6 (15, 35)	12/4/03	4-8	8260	ND	5.390	ND	790	75	158	65	ND	323	ND	65
G8 (20, 15)	12/4/03	8-12	8260	ND	4.210	ND	1,010	59	ND	51	ND	253	ND	51
G9 (05, 35)	12/3/03	4-8	8260	ND	41	ND	1	1	ND	1	ND	2.0	ND	2.0
H6 (15, 35)	12/4/03	8-12	8260	ND	48	ND	11	1	ND	1	ND	3.0	ND	1.0
H8 (20, 15)	12/4/03	4-8	8260	ND	38	ND	9.0	1.0	ND	1.0	ND	2.0	ND	2.0
H9 (05, 10)	12/3/03	8-12	8260	ND	4.500	ND	1,080	63	54	54	ND	270	ND	54
H9 (05, 40)	12/3/03	4-8	8260	ND	47	ND	11	1.0	ND	1.0	ND	3.0	ND	1.0
H9 (15, 05)	12/3/03	8-12	8260	ND	4.640	ND	1,110	65	ND	56	ND	278	ND	56
H9 (15, 40)	12/3/03	4-8	8260	ND	50	ND	12	1.0	ND	1.0	4.0	3.0	ND	1.0
H9 (30, 20)	12/2/03	8-12	8260	ND	4.570	ND	1,100	64	ND	55	ND	274	ND	55
H9 (30, 40)	12/3/03	4-8	8260	ND	5.240	ND	1,260	73	ND	63	ND	314	ND	63
J9 (05, 10)	12/4/03	8-12	8260	ND	3.810	ND	916	53	76	46	ND	229	ND	46
J9 (15, 05)	12/4/03	4-8	8260	ND	54	ND	13	1.0	ND	1.0	ND	3.0	ND	1.0
J9 (30, 15)	12/4/03	8-12	8260	ND	35	ND	8.0	1.0	ND	1.0	ND	2.0	ND	1.0
K9 (15, 10)	12/3/03	4-8	8260	ND	73	ND	18	1.0	4.0	1.0	16	4.0	ND	1.0
TRIP BLANK	12/4/03		8260	ND	100	ND	24	1	ND	1	ND	6.0	ND	1.0
Recommended Clean-up Level to Protect Groundwater Quality				110	**	300	**	**	11,000	**	2,700	**	1,700	**
Recommended Clean-up Objective				200	**	300	**	**	10,000	**	2,700	**	1,700	**

Notes

1) Analytical data for each method blank is grouped with the appropriate laboratory sample batch.

2) Dates provided for method blanks represent the date of laboratory analysis.

NA= Not Analyzed; the sample was not analyzed for this constituent.

ND= Not Detected above the SQL.

NG= None Given; the SQL was not provided for target analytes that were detected (NYSDEC data only)

NV= No Value

SQL= Sample Quantitation Limit

SS= New York State Department of Environmental Conservation split sample data.

B= Analyte was detected in the field blank, trip blank, or method blank as well as the sample.

E= The detected concentration exceeds calibration curve range.

U= The compound was analyzed for but not detected at the SQL.

**= Sludge/sediment collected from bottom of storm drain.

**= Refers to a Guidance value where no Standard exists.

J= The compound was analyzed for and determined to be present in the sample.

The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than

the contract required quantitation limit but is greater than the instrument

detection limit.

†= SVE CONFIRM-8B was analyzed twice due to results having surrogates out

of criteria. Both analyses were reported since matrix interference was proven.

8260= USEPA Method 8260

TA 1A
SUMMARY OF SOX ANALYTICAL DATA:
VOLATILE ORGANIC COMPOUNDS
248 Wyandanch Avenue, Wyandanch, New York
(unit, parts per billion [ppb], µg/kg)

Sample Identification	Sample Date	Sample Depth(feet)	Analytical Method	1,4-Dichloro benzene	1,1-Dichloro ethene	1,2-Dichloro ethene(total)	Ethylbenzene	2-Hexanone	p-Isopropyl-toluene	Methylene Chloride	4-Methyl (MIBK) 2-Pentanone
Method Blank	6/24/99	6-8	8260	NA	ND	ND	ND	ND	NA	ND	0.70 J
SVE CONFIRM-8B	6/22/99	6-8	8260	NA	ND	ND	ND	ND	NA	4.0 J	10
E CONFIRM-8B R	6/24/99	6-8	8260	NA	ND	ND	ND	ND	NA	4.0 J	10
G6 (15, 35)	12/4/03	4-8	8260	ND	ND	ND	ND	ND	250	ND	ND
G8 (20, 15)	12/4/03	8-12	8260	ND	ND	ND	ND	ND	85	ND	ND
G9 (05, 35)	12/3/03	4-8	8260	ND	ND	ND	ND	ND	ND	ND	ND
H6 (15, 35)	12/4/03	8-12	8260	ND	ND	ND	ND	ND	ND	ND	ND
H8 (20, 15)	12/4/03	4-8	8260	ND	ND	ND	ND	ND	ND	ND	ND
H9 (05, 10)	12/3/03	8-12	8260	ND	ND	ND	ND	ND	ND	ND	ND
H9 (05, 40)	12/3/03	4-8	8260	ND	ND	ND	ND	ND	ND	ND	ND
H9 (15, 05)	12/3/03	8-12	8260	ND	ND	ND	ND	ND	ND	ND	ND
H9 (15, 40)	12/3/03	4-8	8260	ND	ND	ND	ND	ND	ND	ND	ND
H9 (30, 20)	12/2/03	8-12	8260	ND	ND	ND	ND	ND	ND	ND	ND
H9 (30, 40)	12/3/03	4-8	8260	ND	ND	ND	ND	ND	ND	ND	ND
J9 (05, 10)	12/4/03	8-12	8260	ND	ND	ND	ND	ND	ND	ND	ND
J9 (15, 05)	12/4/03	4-8	8260	ND	ND	ND	ND	ND	ND	ND	ND
J9 (30, 15)	12/4/03	8-12	8260	ND	ND	ND	ND	ND	ND	ND	ND
K9 (15, 10)	12/3/03	4-8	8260	ND	ND	ND	ND	ND	2	ND	ND
TRIP BLANK	12/4/03		8260	ND	ND	ND	ND	ND	ND	ND	ND
Recommended Clean-up Level to Protect Groundwater Quality				NV	400	300	5,500	NV	100	100	1,000
Recommended Clean-up Objective				NV	400	300	5,500	NV	100	100	1,000

Notes

- Analytical data for each method blank is grouped with the appropriate laboratory sample batch.
 - Dates provided for method blanks represent the date of laboratory analysis.
- NA= Not Analyzed; the sample was not analyzed for this constituent.
 ND= Not Detected above the SQL.
 NG= None Given; the SQL was not provided for target analytes that were detected (NYSDEC data only)
 NV= No Value
 SQL= Sample Quantitation Limit
 SS= New York State Department of Environmental Conservation split sample data.
 B= Analyte was detected in the field blank, trip blank, or method blank as well as the sample.
 E= The detected concentration exceeds calibration curve range.
 U= The compound was analyzed for but not detected at the SQL.

*a Sludge / sediment collected from bottom of storm drain.

**a Refers to a Guidance value where no Standard exists.

J= The compound was analyzed for and determined to be present in the sample.
The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than the contract required quantitation limit but is greater than the instrument detection limit.

†= SVE CONFIRM-8B was analyzed twice due to results having surrogates out of criteria. Both analyses were reported since matrix interference was proven.
8260= USEPA Method 8260

TOTAL ANALYTICAL DATA:
SUMMARY OF SOLUBLE VOLATILE ORGANIC COMPOUNDS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per billion [ppb], µg/kg)

Sample Identification	Sample Date	Sample Depth (feet)	Analytical Method	MTBE	Naphthalene	Styrene	Tetrachloro ethene	Trichloro ethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Toluene	Xylene
				SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
Method Blank	6/24/99		8260	NA	NA	ND U 5.0	ND L 5.0	ND 5.0	NA	NA	ND U 5.0	ND U 5.0
SVE CONFIRM-8B	6/22/99	6-8	8260	NA	NA	ND U 5.0	7.0	19	5.0	NA	ND U 5.0	ND U 5.0
E CONFIRM-8B R	6/24/99	6-8	8260	NA	NA	ND U 5.0	2.0	14	5.0	NA	ND U 5.0	ND U 5.0
G6 (15, 35)	12/4/03	4-8	8260	ND	417	108	ND	108	108	133	108	75
G8 (20, 15)	12/4/03	8-12	8260	ND	86	84	ND	84	84	142	84	59
G9 (05, 35)	12/3/03	4-8	8260	ND	1.0	1.0	ND	1.0	1.0	1.0	1.0	1.0
H6 (15, 35)	12/4/03	8-12	8260	ND	1.0	1.0	ND	1.0	1.0	1.0	1.0	1.0
H8 (20, 15)	12/4/03	4-8	8260	ND	1.0	1.0	ND	1.0	1.0	1.0	1.0	1.0
H9 (05, 10)	12/3/03	8-12	8260	ND	72	95	ND	90	90	174	90	63
H9 (05, 40)	12/3/03	4-8	8260	ND	1.0	1.0	ND	1.0	1.0	1.0	1.0	1.0
H9 (15, 05)	12/3/03	8-12	8260	ND	74	93	ND	93	93	ND	93	65
H9 (15, 40)	12/3/03	4-8	8260	ND	1.0	1.0	ND	1.0	1.0	1.0	1.0	1.0
H9 (30, 20)	12/2/03	8-12	8260	ND	73	91	ND	91	91	ND	91	64
H9 (30, 40)	12/3/03	4-8	8260	ND	84	105	ND	105	105	ND	105	73
J9 (05, 10)	12/4/03	8-12	8260	ND	61	76	ND	76	76	ND	76	53
J9 (15, 05)	12/4/03	4-8	8260	ND	1.0	1.0	ND	1.0	1.0	1.0	1.0	1.0
J9 (30, 15)	12/4/03	8-12	8260	18	1.0	1.0	ND	1.0	1.0	1.0	1.0	1.0
K9 (15, 10)	12/4/03	4-8	8260	ND	1.0	1.0	ND	1.0	1.0	1.0	1.0	1.0
TRIP BLANK	12/4/03	4-8	8260	ND	2.0	2.0	ND	1.0	1.0	1.0	2.0	1.0
Recommended Clean-up Level to Protect Groundwater Quality				120	13,000	13,000	1,400	700	13,000	3,300	1,500	1,200
Recommended Clean-up Objective				120	13,000	13,000	1,400	700	10,000	3,300	1,500	1,200

Notes

1) Analytical data for each method blank is grouped with the appropriate laboratory sample batch.

2) Dates provided for method blanks represent the date of laboratory analysis.

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NG= None Given; the SQL was not provided for target analytes that were detected (NYSDEC data only)

NV= No Value

SQL= Sample Quantitation Limit

SS= New York State Department of Environmental Conservation split sample data.

B= Analyte was detected in the field blank, trip blank, or method blank as well as the sample.

E= The detected concentration exceeds calibration curve range.

U= The compound was analyzed for but not detected at the SQL.

*= Sludge/sediment collected from bottom of storm drain.

**= Refers to a Guidance value where no Standard exists.

J= The compound was analyzed for and determined to be present in the sample.

The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than

the contract required quantitation limit but is greater than the instrument detection limit.

†= SVE CONFIRM-8B was analyzed twice due to results having surrogates out of criteria. Both analyses were reported since matrix interference was proven.

8260= USEPA Method 8260

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TABLE 1B
SUMMARY OF SOIL ANALYTICAL DATA:
SEMI-VOLATILE ORGANIC COMPOUNDS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per billion
 [ppb] µg/kg)

Sample Identification	Sample Depth (feet)	Sample Date	Analytical Method	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	SQL
Method Blank				SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
AQ-1	0-2	1/29/98	8270	ND	ND	ND	ND	ND	ND	ND	330
AQ-1	4-6	1/27/98	8270	ND	ND	ND	ND	ND	ND	ND	330
AQ-1	8-10	1/27/98	8270	ND	ND	ND	ND	ND	ND	ND	330
Method Blank				SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
R4-6	4-6	5/3/99	8270*	0.10	ND	ND	ND	ND	ND	ND	10
		4/6/99	8270*	ND	ND	ND	0.40	0.20	0.20	ND	10
Method Blank				SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
R4-1	4-6	4/16/99	8270*	ND	ND	ND	ND	ND	ND	ND	330
R4-2	4-6	4/6/99	8270*	ND	ND	ND	ND	ND	ND	ND	330
R4-3	4-6	4/6/99	8270*	ND	ND	ND	ND	ND	ND	ND	330
R4-3 Duplicate	4-6	4/6/99	8270*	ND	ND	ND	ND	ND	ND	ND	330
R4-4	4-6	4/6/99	8270*	ND	ND	ND	ND	ND	ND	ND	330
R4-5	4-6	4/6/99	8270*	50	ND	ND	260	220	220	92	330
R4-6	4-6	4/6/99	8270*	ND	ND	ND	ND	ND	ND	ND	330
G6 (15, 35)	4-8	12/4/03	8270	ND	ND	ND	ND	ND	ND	ND	180
G6 (15, 35)	8-12	12/4/03	8270	ND	ND	ND	ND	ND	ND	ND	180
G8 (20, 15)	8-12	12/4/03	8270	ND	ND	ND	ND	ND	ND	ND	1,740
G9 (05, 35)	8-12	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	190
H6 (15, 35)	8-12	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	3,630
H8 (20, 15)	4-8	12/4/03	8270	ND	ND	ND	ND	ND	ND	ND	180
H8 (20, 15)	8-12	12/4/03	8270	ND	ND	ND	ND	ND	ND	ND	180
H9 (05, 10)	8-12	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	1,790
H9 (05, 40)	4-8	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	3,630
H9 (05, 40)	8-12	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	740
H9 (15, 05)	8-12	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	790
H9 (15, 40)	4-8	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	3,620
H9 (15, 40)	8-12	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	720
H9 (30, 20)	8-12	12/2/03	8270	ND	ND	ND	ND	ND	ND	ND	380
H9 (30, 40)	4-8	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	3,530
H9 (30, 40)	8-12	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	3,560
J9 (05, 10)	8-12	12/4/03	8270	ND	ND	ND	ND	ND	ND	ND	900
J9 (15, 05)	4-8	12/4/03	8270	ND	ND	ND	ND	ND	ND	ND	360
J9 (15, 05)	8-12	12/4/03	8270	ND	ND	ND	ND	ND	ND	ND	950
J9 (30, 15)	8-12	12/4/03	8270	ND	ND	ND	ND	ND	ND	ND	190
K9 (15, 10)	4-8	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	190
K9 (15, 10)	8-12	12/3/03	8270	ND	ND	ND	ND	ND	ND	ND	1,040
Recommended Clean-up Level to Protect Groundwater Quality				90,000	41,000	700,000	3,000	11,000	1,100	800,000	**
Recommended Clean-up Objective				50,000	41,000	50,000	224 or MDL	61 or MDL	1,100	50,000	**

Notes:

1) The analytical data for the method blank is grouped with the appropriate laboratory sample batch. Dates provided for method blanks represent the date of laboratory analysis.

ND= Not Detected above SQL

SQL= Sample Quantitation Limit

MDL= Method detection limit

J= The compound was analyzed for and determined to be present in the sample. The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than contract required detection limit but is greater than the instrument detection limit.

*= Analysis via USEPA Method 8270 for Polynuclear Aromatic Hydrocarbons only

**= Refers to a Guidance value where no Standard exists

8270= USEPA Method 8270

TABLE 1B
SUMMARY OF SOIL ANALYTICAL DATA:
SEMI-VOLATILE ORGANIC COMPOUNDS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per billion
 [ppb] µg/kg)

Sample Identification	Sample Depth (feet)	Sample Date	Analytical Method	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	2-Methyl naphthalene	SQL
Method Blank		1/29/98	8270	ND	330	ND	330	ND	ND	330
AQ-1	0-2	1/27/98	8270	ND	330	ND	330	ND	ND	330
AQ-1	4-6	1/27/98	8270	ND	330	ND	330	ND	24	330
AQ-1	8-10	1/27/98	8270	ND	330	ND	330	ND	ND	330
Method Blank		5/3/99	8270*	ND	10	ND	10	ND	ND	10
R4-6	4-6	4/6/99	8270*	0.30	10	ND	10	0.20	10	10
Method Blank		4/16/99	8270*	ND	330	ND	330	ND	ND	330
R4-1	4-6	4/6/99	8270*	ND	330	ND	330	ND	ND	330
R4-2	4-6	4/6/99	8270*	ND	330	ND	330	ND	ND	330
R4-3	4-6	4/6/99	8270*	ND	330	ND	330	ND	ND	330
R4-3 Duplicate	4-6	4/6/99	8270*	ND	330	ND	330	ND	ND	330
R4-4	4-6	4/6/99	8270*	ND	330	32	330	ND	ND	330
R4-5	4-6	4/6/99	8270*	200	410	ND	330	50	ND	330
R4-6	4-6	4/6/99	8270*	ND	330	ND	330	ND	ND	330
G6 (15, 35)	4-8	12/4/03	8270	ND	180	ND	180	ND	ND	180
G6 (15, 35)	8-12	12/4/03	8270	ND	180	ND	180	ND	ND	180
G8 (20, 15)	8-12	12/4/03	8270	ND	1,740	ND	1,740	ND	1,740	1,740
G9 (05, 35)	4-8	12/3/03	8270	ND	190	ND	190	ND	190	190
G9 (05, 35)	8-12	12/3/03	8270	ND	3,630	ND	3,630	ND	3,630	3,630
H6 (15, 35)	8-12	12/4/03	8270	ND	180	ND	180	ND	ND	180
H8 (20, 15)	4-8	12/4/03	8270	ND	180	ND	180	ND	ND	180
H8 (20, 15)	8-12	12/4/03	8270	ND	1,790	ND	1,790	ND	1,790	1,790
H9 (05, 10)	8-12	12/3/03	8270	ND	3,630	ND	3,630	ND	3,630	3,630
H9 (05, 40)	4-8	12/3/03	8270	ND	740	ND	740	ND	740	740
H9 (05, 40)	8-12	12/3/03	8270	ND	790	ND	790	ND	790	790
H9 (15, 05)	8-12	12/3/03	8270	ND	3,620	ND	3,620	ND	3,620	3,620
H9 (15, 40)	4-8	12/3/03	8270	ND	720	ND	720	ND	720	720
H9 (15, 40)	8-12	12/3/03	8270	ND	380	ND	380	ND	380	380
H9 (30, 20)	8-12	12/2/03	8270	ND	3,530	ND	3,530	ND	3,530	3,530
H9 (30, 40)	4-8	12/3/03	8270	ND	3,560	ND	3,560	ND	3,560	3,560
H9 (30, 40)	8-12	12/3/03	8270	ND	3,610	ND	3,610	ND	3,610	3,610
J9 (05, 10)	8-12	12/4/03	8270	ND	900	ND	900	ND	900	900
J9 (15, 05)	4-8	12/4/03	8270	ND	360	ND	360	ND	360	360
J9 (15, 05)	8-12	12/4/03	8270	ND	950	ND	950	ND	950	950
J9 (30, 15)	8-12	12/4/03	8270	ND	190	ND	190	ND	190	190
K9 (15, 10)	4-8	12/3/03	8270	ND	190	ND	190	ND	190	190
K9 (15, 10)	8-12	12/3/03	8270	ND	1,040	ND	1,040	ND	1,040	1,040
Recommended Clean-up Level to Protect Groundwater Quality				1,100	**	165,000,000	**	350,000	**	**
Recommended Clean-up Objective				1,100	400	14 or MDL	50,000	50,000	36,400	**

Notes:

- The analytical data for the method blank is grouped with the appropriate laboratory sample batch.
 Dates provided for method blanks represent the date of laboratory analysis.
 ND= Not Detected above SQL
 SQL= Sample Quantitation Limit
 MDL= Method detection limit
 J= The compound was analyzed for and determined to be present in the sample. The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than contract required detection limit but is greater than the instrument detection limit.
 **= Analysis via USEPA Method 8270 for Polynuclear Aromatic Hydrocarbons only
 **= Refers to a Guidance value where no Standard exists
 8270= USEPA Method 8270

TABLE 1B
SUMMARY OF SOIL ANALYTICAL DATA:
SEMI-VOLATILE ORGANIC COMPOUNDS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per billion
 [ppb] µg/kg)

Sample Identification	Sample Depth (feet)	Sample Date	Analytical Method	Naphthalene	Phenanthrene	Pyrene	Benzoic Acid	di-n-Butyl Phthalate	SQL	bis (2-Ethyl hexyl) Phthalate	SQL
Method Blank		1/29/98	8270	ND	ND	ND	ND	ND	1600	ND	330
AQ-1	0-2	1/27/98	8270	ND	330	ND	ND	ND	1600	ND	330
AQ-1	4-6	1/27/98	8270	ND	330	ND	ND	ND	1600	ND	330
AQ-1	8-10	1/27/98	8270	ND	330	ND	ND	ND	1600	ND	330
Method Blank		5/3/99	8270*	ND	ND	ND	ND	ND	10	ND	NA
R4-6	4-6	4/6/99	8270*	0.10	1.0	1.0	1.0	NA	10	NA	NA
Method Blank		4/16/99	8270*	ND	ND	ND	ND	ND	330	NA	NA
R4-1	4-6	4/6/99	8270*	ND	330	ND	ND	ND	330	NA	NA
R4-2	4-6	4/6/99	8270*	ND	330	ND	ND	ND	330	NA	NA
R4-3	4-6	4/6/99	8270*	ND	330	ND	ND	ND	330	NA	NA
R4-3 Duplicate	4-6	4/6/99	8270*	ND	330	ND	ND	ND	330	NA	NA
R4-4	4-6	4/6/99	8270*	ND	330	ND	ND	ND	330	NA	NA
R4-5	4-6	4/6/99	8270*	24	330	360	330	NA	330	NA	NA
R4-6	4-6	4/6/99	8270*	ND	330	ND	ND	ND	330	NA	NA
G6 (15, 35)	4-8	12/4/03	8270	270	180	ND	180	ND	1090	ND	360
G6 (15, 35)	8-12	12/4/03	8270	ND	180	ND	180	ND	1090	ND	360
C8 (20, 15)	8-12	12/4/03	8270	ND	1740	ND	1740	ND	10,400	ND	34,800
C9 (05, 35)	4-8	12/3/03	8270	ND	190	ND	190	ND	11,500	ND	380
C9 (05, 35)	8-12	12/3/03	8270	ND	3,630	ND	3,630	ND	21,800	ND	7,270
H6 (15, 35)	8-12	12/4/03	8270	ND	180	ND	180	ND	1,060	ND	350
H8 (20, 15)	4-8	12/4/03	8270	ND	180	ND	180	ND	1,090	ND	360
H8 (20, 15)	8-12	12/4/03	8270	ND	1,790	ND	1,790	ND	1,070	ND	3,580
H9 (05, 10)	8-12	12/3/03	8270	ND	3,630	ND	3,630	ND	21,800	ND	7,260
H9 (05, 40)	4-8	12/3/03	8270	ND	740	ND	740	ND	4,440	ND	1,480
H9 (05, 40)	8-12	12/3/03	8270	ND	790	ND	790	ND	4,720	ND	1,570
H9 (15, 05)	8-12	12/3/03	8270	ND	3,620	ND	3,620	ND	21,700	ND	7,240
H9 (15, 40)	4-8	12/3/03	8270	ND	720	2,190	720	ND	4,333	ND	1,440
H9 (15, 40)	8-12	12/3/03	8270	ND	380	1,170	380	ND	2,280	ND	760
H9 (30, 20)	8-12	12/2/03	8270	ND	3,530	ND	3,530	ND	21,200	ND	7,070
H9 (30, 40)	4-8	12/3/03	8270	ND	3,560	ND	3,560	ND	21,400	ND	7,120
H9 (30, 40)	8-12	12/3/03	8270	ND	3,610	ND	3,610	ND	21,700	ND	7,220
J9 (05, 10)	8-12	12/4/03	8270	ND	900	ND	900	ND	5,420	ND	1,810
J9 (15, 05)	4-8	12/4/03	8270	ND	360	ND	360	ND	2,160	ND	720
J9 (15, 05)	8-12	12/4/03	8270	ND	950	ND	950	ND	5,680	ND	1,890
J9 (30, 15)	8-12	12/4/03	8270	ND	190	ND	190	ND	1,130	ND	380
K9 (15, 10)	4-8	12/3/03	8270	ND	190	ND	190	ND	1,150	ND	380
K9 (15, 10)	8-12	12/3/03	8270	ND	1,040	ND	1,040	ND	6,220	ND	2,070
Recommended Clean-up Level to Protect Groundwater Quality				13,000	220,000	650,000	2,700	8,100	8,100	435,000	50,000
Recommended Clean-up Objective				13,000	50,000	50,000	2,700	8,100	8,100	435,000	50,000

Notes:

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 *= Analysis via USEPA Method 8270 for Polynuclear Aromatic Hydrocarbons only
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 8270= USEPA Method 8270

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TOTAL DATA: TOTAL METALS
SUMMARY OF SOIL ANALYSIS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per million [ppm], mg/kg)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III)	Chromium (VI)	SQL
B-1	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	10.0	ND	SQL
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	14.0	ND	SQL
	6-8	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	92.0	ND	SQL
	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	100	ND	SQL
	10-12	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	130	ND	SQL
B-2	14-15	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	200	ND	SQL
	19-20.5	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	100	ND	SQL
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	14.0	ND	SQL
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	240	ND	SQL
	6-8	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	39.0	ND	SQL
B-3	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	330	ND	SQL
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	230	ND	SQL
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	1,340	ND	SQL
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	150	ND	SQL
	6-8	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	1,460	ND	SQL
B-4	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	200	ND	SQL
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	35.0	ND	SQL
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	750	ND	SQL
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	4,000	ND	SQL
	6-7.5	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	5.90	ND	SQL
B-5	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	8.10	ND	SQL
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	26.0	ND	SQL
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	71.0	ND	SQL
	6-8	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	25.0	ND	SQL
	NV	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	340	ND	SQL
B-6	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	380	ND	SQL
	14-15	12/22/81	NG	NA	NA	NA	NA	NA	NA	NA	71.0	ND	SQL
	2-4	11/91	NG	4,760	NA	5.50	18.4	NA	NA	NA	1050	NA	SQL
	4-6	11/91	NG	3,070	NA	12.3	15.5	NA	NA	NA	327	NA	SQL
	6-8	11/91	NG	1,900	NA	6.87	12.0	NA	NA	NA	294	NA	SQL
B-7	2-4	11/91	NG	4,860	NA	1.20	19.7	NA	NA	NA	115	NA	SQL
	4-6	11/91	NG	3,790	NA	7.80	23.0	NA	NA	NA	3420	NA	SQL
	6-10	11/91	NG	1,080	NA	2.15	13.0	NA	NA	NA	120	NA	SQL
	0-4	11/91	NG	4,070	NA	9.67	27.2	NA	NA	NA	89.9	NA	SQL
	0-4	11/91	NG	6,420	NA	17.1	24.4	NA	NA	NA	348	NA	SQL
B-8	0-3	11/91	NG	5,650	NA	27.8	18.0	NA	NA	NA	0.60	NA	SQL
	0-5	11/91	NG	4,430	NA	9.62	29.7	NA	NA	NA	750	NA	SQL
	0-4	11/91	NG	4,260	NA	7.42	61.6	NA	NA	NA	736	NA	SQL
	0-4	11/91	NG	4,630	NA	8.62	20.3	NA	NA	NA	44.8	NA	SQL
	0-4	11/91	NG	3,920	NA	8.45	24.2	NA	NA	NA	171	NA	SQL
MW-1	4-6	11/91	NG	1,320	NA	1.85	6.55	NA	NA	NA	5.87	NA	SQL
	9-11	11/91	NG	506	NA	8.25	4.12	NA	NA	NA	4.12	NA	SQL
	14-16	11/91	NG	779	NA	1.42	3.90	NA	NA	NA	3.40	NA	SQL
	19-21	11/91	NG	642	NA	2.45	3.67	NA	NA	NA	3.67	NA	SQL
	4-6	11/91	NG	3,180	NA	2.67	9.36	NA	NA	NA	29.9	NA	SQL
MW-2	9-11	11/91	NG	1,260	NA	2.52	6.48	NA	NA	NA	33.9	NA	SQL
	14-16	11/91	NG	1,600	NA	2.75	5.12	NA	NA	NA	28.6	NA	SQL
	19-21	11/91	NG	559	NA	1.20	3.19	NA	NA	NA	5.70	NA	SQL
	4-6	11/91	NG	829	NA	4.50	3.09	NA	NA	NA	2.99	NA	SQL
	9-11	11/91	NG	1,900	NA	6.75	6.38	NA	NA	NA	8.13	NA	SQL
MW-3	14-16	11/91	NG	876	NA	8.75	5.92	NA	NA	NA	19.6	NA	SQL
	19-21	11/91	NG	743	NA	7.70	6.45	NA	NA	NA	27.2	NA	SQL
	4-6	11/91	NG	2,850	NA	2.70	5.72	NA	NA	NA	9.43	NA	SQL
	9-11	11/91	NG	1,080	NA	1.88	6.49	NA	NA	NA	57.1	NA	SQL
	14-16	11/91	NG	752	NA	1.30	9.77	NA	NA	NA	68.2	NA	SQL
MW-4	19-21	11/91	NG	715	NA	0.67	5.90	NA	NA	NA	43.7	NA	SQL

SUMMARY OF SOIL ANALYTICAL DATA: TOTAL METALS

248 Wyandanch Avenue, Wyandanch, New York

(unit: parts per million [ppm], mg/kg)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury ‡	Nickel	Potassium
				SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
B-1	2-4	12/22/81	NG	NA	10.0	NA	NA	NA	NA	NA	7.00	NA
	4-6	12/22/81	NG	NA	12.0	NA	NA	NA	NA	NA	8.10	NA
	6-8	12/22/81	NG	NA	290	NA	NA	NA	NA	NA	48.0	NA
	8-10	12/22/81	NG	NA	76.0	NA	NA	NA	NA	NA	42.0	NA
	10-12	12/22/81	NG	NA	93.0	NA	NA	NA	NA	NA	57.0	NA
B-2	14-15	12/22/81	NG	NA	76.0	NA	NA	NA	NA	NA	44.0	NA
	19-20.5	12/22/81	NG	NA	37.0	NA	NA	NA	NA	NA	34.0	NA
	2-4	12/22/81	NG	NA	13.0	NA	NA	NA	NA	NA	8.00	NA
	4-6	12/22/81	NG	NA	170	NA	NA	NA	NA	NA	170	NA
	6-8	12/22/81	NG	NA	32.0	NA	NA	NA	NA	NA	110	NA
B-3	8-10	12/22/81	NG	NA	260	NA	NA	NA	NA	NA	130	NA
	14-16	12/22/81	NG	NA	77.0	NA	NA	NA	NA	NA	58.0	NA
	2-4	12/22/81	NG	NA	920	NA	NA	NA	NA	NA	560	NA
	4-6	12/22/81	NG	NA	96.0	NA	NA	NA	NA	NA	77.0	NA
	6-8	12/22/81	NG	NA	960	NA	NA	NA	NA	NA	500	NA
B-4	8-10	12/22/81	NG	NA	79.0	NA	NA	NA	NA	NA	110	NA
	14-16	12/22/81	NG	NA	38.0	NA	NA	NA	NA	NA	580	NA
	2-4	12/22/81	NG	NA	3.60	NA	NA	NA	NA	NA	580	NA
	4-6	12/22/81	NG	NA	2.00	NA	NA	NA	NA	NA	4.10	NA
	6-7.5	12/22/81	NG	NA	2.80	NA	NA	NA	NA	NA	6.60	NA
B-5	8-10	12/22/81	NG	NA	4.40	NA	NA	NA	NA	NA	12.0	NA
	2-4	12/22/81	NG	NA	22.0	NA	NA	NA	NA	NA	170	NA
	4-6	12/22/81	NG	NA	39.0	NA	NA	NA	NA	NA	59.0	NA
	6-8	12/22/81	NG	NA	29.0	NA	NA	NA	NA	NA	75.0	NA
	NV	12/22/81	NG	NA	170	NA	NA	NA	NA	NA	99.0	NA
B-6	4-6	12/22/81	NG	NA	2.10	NA	NA	NA	NA	NA	3.00	NA
	14-15	12/22/81	NG	NA	150	NA	NA	NA	NA	NA	34.0	NA
	2-4	11/91	NG	6.05	893	NA	87.8	421	87.8	0.063	332	NA
	4-6	11/91	NG	7.15	261	NA	29.4	375	29.4	0.18	112	NA
	6-8	11/91	NG	6.55	242	NA	ND	330	ND	0.016	124	NA
B-8-L	2-4	11/91	NG	7.60	5640	NA	ND	304	ND	0.060	162	NA
	4-6	11/91	NG	9.45	3380	NA	420	153	420	0.055	962	NA
	6-10	11/91	NG	6.00	194	NA	ND	105	ND	0.012	65.4	NA
	0-4	11/91	NG	8.55	235	NA	21.5	354	21.5	0.095	69.9	NA
	0-4	11/91	NG	7.45	284	NA	30.7	358	30.7	0.14	470	NA
B-9-OB	0-3	11/91	NG	7.35	39.7	NA	ND	351	73.8	0.066	16.9	NA
	0-5	11/91	NG	9.85	654	NA	84.7	969	100	0.044	227	NA
	0-4	11/91	NG	7.20	647	NA	71.6	413	61.0	0.31	378	NA
	0-4	11/91	NG	5.55	140	NA	ND	314	51.1	0.071	33.1	NA
	0-4	11/91	NG	8.30	338	NA	24.2	249	30.7	0.12	106	NA
MW-1	4-6	11/91	NG	7.35	6.15	NA	ND	384	52.7	0.0030	16.2	NA
	9-11	11/91	NG	7.15	6.46	NA	ND	131	22.1	0.0010	2.55	NA
	14-16	11/91	NG	5.85	3.25	NA	ND	174	20.4	0.034	ND	NA
	19-21	11/91	NG	6.75	4.06	NA	ND	82.0	13.5	ND	28.2	NA
	4-6	11/91	NG	8.30	76.8	NA	ND	1160	29.0	0.059	52.7	NA
MW-2	9-11	11/91	NG	7.15	77.7	NA	ND	1280	30.2	0.068	42.1	NA
	14-16	11/91	NG	6.30	54.1	NA	ND	1040	22.6	0.031	60.4	NA
	19-21	11/91	NG	5.35	14.6	NA	ND	218	25.2	0.012	8.46	NA
	4-6	11/91	NG	6.30	6.15	NA	ND	65.8	21.7	0.028	5.83	NA
	9-11	11/91	NG	6.95	14.3	NA	ND	128	34.2	0.0010	18.3	NA
MW-3	14-16	11/91	NG	6.90	40.0	NA	ND	92.3	29.2	0.0010	13.4	NA
	19-21	11/91	NG	6.25	65.4	NA	ND	122	19.5	ND	40.6	NA
	4-6	11/91	NG	6.35	3.25	NA	ND	136	25.4	ND	28.7	NA
	9-11	11/91	NG	4.63	83.1	NA	ND	129	18.1	ND	33.7	NA
	14-16	11/91	NG	7.30	89.7	NA	ND	107	17.1	0.0030	37.9	NA
MW-4	19-21	11/91	NG	6.35	90.6	NA	ND	124	14.0	0.044	42.5	NA

TOTAL DATA: TOTAL METALS
SUMMARY OF SOIL ANAL
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per million [ppm], mg/kg)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
B-1	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-8	12/22/81	NG	NA	NA	NA	NA	NA	NA
	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	10-12	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-2	14-15	12/22/81	NG	NA	NA	NA	NA	NA	NA
	19-20.5	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-8	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-3	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-8	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-4	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-7.5	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-5	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-8	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-6	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-7.5	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-7	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-8	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-8	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-9	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-10	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-11	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-12	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-13	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-14	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
B-15	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
MW-1	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
MW-2	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
MW-3	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
MW-4	8-10	12/22/81	NG	NA	NA	NA	NA	NA	NA
	14-16	12/22/81	NG	NA	NA	NA	NA	NA	NA
	2-4	12/22/81	NG	NA	NA	NA	NA	NA	NA
	4-6	12/22/81	NG	NA	NA	NA	NA	NA	NA
	6-10	12/22/81	NG	NA	NA	NA	NA	NA	NA

T/ IC
SUMMARY OF SOIL ANAL DATA: TOTAL METALS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit: parts per million [ppm], mg/kg)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III)	Chromium (VI)	SOL
MW-5	4-6	11/91	NG	2,240	NA	6.52	92.9	NA	NA	NA	118	NA	--
	9-11	11/91	NG	1,410	NA	5.00	4.62	NA	NA	NA	16.0	NA	--
	14-16	11/91	NG	554	NA	3.90	6.49	NA	NA	NA	5.42	NA	--
	19-21	11/91	NG	477	NA	2.55	7.25	NA	NA	NA	3.40	NA	--
MW-6	4-6	11/91	NG	2,340	NA	12.3	8.05	NA	NA	NA	361	NA	--
	9-11	11/91	NG	1,260	NA	4.70	4.89	NA	NA	NA	15.4	NA	--
	14-16	11/91	NG	619	NA	1.75	3.49	NA	NA	NA	27.7	NA	--
	19-21	11/91	NG	563	NA	1.44	5.96	NA	NA	NA	6.09	NA	--
B-8 GREEN LP-GRAB	NG	11/91	NG	NA	NA	NA	NA	NA	NA	NA	3,800	NA	--
	11/91	11/91	NG	NA	NA	NA	NA	NA	NA	NA	2,870	NA	--
LP-1	NG	11/91	NG	NA	NA	NA	287	NA	NA	NA	474	NA	--
LP-2	NG	11/91	NG	NA	NA	NA	330	NA	NA	NA	800	NA	--
LP-3	NG	11/91	NG	NA	NA	NA	373	NA	NA	NA	1,340	NA	--
LP-4	NG	11/91	NG	NA	NA	NA	765	NA	NA	NA	1,100	NA	--
AQ-1	0-2	1/29/98	3010/6010	NA	2.00	1.50	NA	ND	0.21	NA	124	ND	--
AQ-1	4-6	1/29/98	3010/6010	NA	0.93	1.00	NA	ND	0.21	NA	20.7	ND	--
AQ-1	8-10	1/29/98	3010/6010	NA	1.20	0.63	NA	ND	0.22	NA	21.6	ND	--
PA-1	0-2	1/23/98	3010/6010	743	23.3	1.90	9.80	ND	0.20	51.5	2,620	NA	--
PA-1 Duplicate	0-2	1/23/98	3010/6010	782	28.2	2.00	11.4	ND	0.20	69.4	2,710	NA	--
PA-1	4-6	1/23/98	3010/6010	2,160	44.7	1.80	8.00	ND	0.20	259	8,750	NA	--
PA-1	8-10	1/23/98	3010/6010	1,620	2.80	0.81	2.10	ND	0.19	59.6	371	NA	--
PA-2	0-2	1/23/98	3010/6010	2,100	11.6	1.80	3.20	ND	0.19	136	1,060	NA	--
PA-2	4-6	1/23/98	3010/6010	3,390	4.30	0.70	5.10	ND	0.18	109	340	NA	--
PA-2	8-10	1/23/98	3010/6010	1,430	1.00	ND	3.90	ND	0.20	59.2	8.60	NA	--
PA-3	0-2	1/23/98	3010/6010	3,120	1.80	1.10	8.30	ND	0.18	213	102	NA	--
PA-3	4-6	1/23/98	3010/6010	3,500	0.82	1.90	5.60	ND	0.17	119	600	NA	--
PA-3	8-10	1/23/98	3010/6010	1,360	0.88	0.49	2.10	ND	0.20	154	3.90	NA	--
PA-4	0-2	1/23/98	3010/6010	1,820	57.9	3.80	10.1	ND	0.18	369	4,510	NA	--
PA-4	4-6	1/23/98	3010/6010	3,870	2.30	0.97	8.10	ND	0.17	87.3	356	NA	--
PA-4	8-10	1/23/98	3010/6010	4,670	2.60	1.10	10.1	ND	0.17	200	359	NA	--
PA-5	0-2	1/23/98	3010/6010	3,030	2.10	2.10	23.1	ND	0.18	9,600	185	NA	--
PA-5	4-6	1/23/98	3010/6010	11,800	ND	4.00	17.5	ND	0.24	324	12.6	NA	--
PA-5	8-10	1/23/98	3010/6010	1,450	1.40	0.55	2.70	ND	0.18	107	2.40	NA	--
MW-26	5-7	9/15/98	3010/6010	NA	3.60	5.40	NA	ND	0.21	NA	23.2	ND	U 0.17
MW-26	10-12	9/15/98	3010/6010	NA	1.10	ND	NA	ND	0.23	NA	4.60	ND	U 0.18
B-27	10-12†	9/15/98	3010/6010	NA	12.6	6.80	NA	0.91	B	NA	930	ND	U 0.25
B-28	10-12†	9/15/98	3010/6010	NA	13.4	8.10	NA	1.50	--	NA	858	ND	U 0.26
Field Blank													
MW-25	0-2	9/15/98	3010/6010	NA	5.10	3.70	NA	ND	0.21	NA	5.50	NA	--
MW-25	5-7	9/15/98	3010/6010	NA	1.70	3.70	NA	0.66	B	NA	214	0.21	--
MW-26	0-2	9/15/98	3010/6010	NA	1.10	1.90	NA	ND	0.21	NA	11.8	ND	U 0.17
B-29	0-2	9/15/98	3010/6010	NA	4.30	3.10	NA	0.43	B	NA	696	ND	U 0.18
B-29 Duplicate	0-2	9/15/98	3010/6010	NA	3.70	3.10	NA	0.44	B	NA	694	ND	U 0.18
B-36	5-7	9/14/98	3010/6010	NA	ND	1.0	NA	0.26	B	NA	4.10	ND	U 0.17
B-37	5-7	9/14/98	3010/6010	NA	ND	1.0	NA	0.24	B	NA	112	ND	U 0.17
B-31	10-12	9/14/98	3010/6010	NA	ND	1.0	NA	0.24	B	NA	11.4	ND	U 0.17
B-35	5-7	9/15/98	3010/6010	NA	ND	1.0	NA	0.23	B	NA	8.80	ND	U 0.17
B-30	5-7	9/15/98	3010/6010	NA	ND	1.0	NA	ND	U 0.21	NA	3.80	ND	U 0.16

SUMMARY OF SOIL ANALYTICAL DATA: TOTAL METALS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit: parts per million [ppm], mg/kg)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury ‡	Nickel	Potassium
				SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
MW-5	4-6	11/91	NG	8.10	214	NA	10.6	397	48.4	0.15	80.3	NA
	9-11	11/91	NG	7.75	10.2	NA	ND	200	42.5	0.02	42.1	NA
	14-16	11/91	NG	6.55	12.2	NA	ND	79.6	7.85	0.14	8.36	NA
	19-21	11/91	NG	7.50	8.13	NA	ND	78.6	7.20	1.35	20.7	NA
MW-6	4-6	11/91	NG	7.85	245	NA	41.5	203	21.2	0.21	22.6	NA
	9-11	11/91	NG	7.15	29.6	NA	ND	161	24.6	ND	60.7	NA
	14-16	11/91	NG	5.85	8.98	NA	ND	126	5.85	0.023	14.0	NA
	19-21	11/91	NG	7.35	9.17	NA	ND	129	7.35	ND	13.2	NA
B-8 GREEN LP-CRAB	NG	11/91	NG	NA	3,646	NA	556	NA	NA	NA	1,000	NA
	NG	11/91	NG	NA	906	NA	158	NA	NA	NA	2,650	NA
LP-1	NG	11/91	NG	NA	182	NA	NA	NA	NA	NA	326	NA
LP-2	NG	11/91	NG	NA	496	NA	NA	NA	NA	NA	754	NA
LP-3	NG	11/91	NG	NA	299	NA	NA	NA	NA	NA	1,095	NA
LP-4	NG	11/91	NG	NA	280	NA	NA	NA	NA	NA	938	NA
AQ-1	0-2	1/29/98	3010/6010	NA	423	NA	24.4	NA	NA	ND	UN	0.10
AQ-1	4-6	1/29/98	3010/6010	NA	120	NA	10.9	NA	NA	ND	UN	0.10
AQ-1	8-10	1/29/98	3010/6010	NA	109	NA	1.70	NA	NA	ND	UN	0.088
PA-1	0-2	1/23/98	3010/6010	0.23	230	3,170	31.3	73.5	6.20	0.10	308	168
PA-1 Duplicate	0-2	1/23/98	3010/6010	0.32	225	3,980	39.0	76.6	9.10	0.15	317	184
PA-1	4-6	1/23/98	3010/6010	ND	727	2,670	21.6	144	15.5	ND	UN	0.096
PA-1	8-10	1/23/98	3010/6010	0.55	57.8	4,020	2.40	156	28.4	ND	UN	0.091
PA-2	0-2	1/23/98	3010/6010	18.0	104	1,200	22.9	216	10.9	ND	UN	0.11
PA-2	4-6	1/23/98	3010/6010	3.40	266	2,700	40.2	186	9.80	0.21	1,120	96.0
PA-2	8-10	1/23/98	3010/6010	0.75	1.80	2,160	1.80	236	10.4	ND	UN	0.094
PA-3	0-2	1/23/98	3010/6010	7.50	104	2,410	32.8	328	14.0	ND	UN	0.098
PA-3	4-6	1/23/98	3010/6010	15.6	4.00	3,620	4.00	259	44.7	ND	UN	0.092
PA-3	8-10	1/23/98	3010/6010	2.40	1.90	1,720	1.20	190	9.20	ND	UN	0.098
PA-4	0-2	1/23/98	3010/6010	4.20	514	6,110	2,300	297	16.6	ND	UN	0.18
PA-4	4-6	1/23/98	3010/6010	5.20	21.6	3,540	3.40	242	13.7	0.24	1,380	118
PA-4	8-10	1/23/98	3010/6010	4.30	70.8	2,510	3.80	443	15.7	0.21	1,250	143
PA-5	0-2	1/23/98	3010/6010	2.00	502	7,470	36.1	643	45.2	ND	UN	0.092
PA-5	4-6	1/23/98	3010/6010	3.60	8.80	15,700	12.9	1,030	74.4	0.16	10.4	935
PA-5	8-10	1/23/98	3010/6010	0.78	6.70	1,330	1.20	190	8.80	ND	UN	0.10
MW-26	5-7	9/15/98	3010/6010	NA	15,600	NA	593	NA	NA	0.11	B*N	154
MW-26	10-12	9/15/98	3010/6010	NA	17.3	NA	1.40	NA	NA	0.11	B*N	1.80
B-27	10-12†	9/15/98	3010/6010	NA	44,400	NA	1,930	NA	NA	0.11	B*N	2,050
B-28	10-12†	9/15/98	3010/6010	NA	36,500	NA	1,310	NA	NA	0.49	*N	3,960
Field Blank												
MW-25	0-2	9/16/98	3010/6010	NA	12.9	NA	ND	2.00	NA	ND	UN	0.10
MW-25	5-7	9/15/98	3010/6010	NA	295	NA	28.6	NA	NA	0.30	N	301
MW-26	0-2	9/15/98	3010/6010	NA	3.50	NA	1.90	NA	NA	ND	UN	0.051
B-29	0-2	9/15/98	3010/6010	NA	787	NA	4.70	NA	NA	ND	UN	0.052
B-29 Duplicate	0-2	9/15/98	3010/6010	NA	846	NA	77.9	NA	NA	77.9	---	336
B-36	5-7	9/14/98	3010/6010	NA	5.50	NA	86.1	NA	NA	0.42	---	361
B-37	5-7	9/14/98	3010/6010	NA	72.8	NA	1.60	NA	NA	ND	0.035	2.90
B-31	10-12	9/14/98	3010/6010	NA	10.6	NA	10.0	NA	NA	ND	0.039	32.5
B-35	5-7	9/15/98	3010/6010	NA	4.60	NA	2.30	NA	NA	ND	0.036	4.50
B-30	5-7	9/15/98	3010/6010	NA	4.40	NA	3.80	NA	NA	0.074	BN	7.00
							1.20	NA	NA	0.090	N	5.50

SUMMARY OF SOIL ANALYTICAL DATA: TOTAL METALS

248 Wyandanch Avenue, Wyandanch, New York

(unit: parts per million [ppm], mg./kg.)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	SOL
MW-5	4-6	11/91	NG	4.00	NA	NA	1580	0.99	80.6	--
	9-11	11/91	NG	1.60	NA	NA	ND	1.50	14.6	--
	14-16	11/91	NG	1.30	NA	NA	750	ND	19.0	--
	19-21	11/91	NG	2.70	NA	NA	522	ND	6.85	--
MW-6	4-6	11/91	NG	2.70	NA	NA	960	ND	127	--
	9-11	11/91	NG	1.10	NA	NA	1640	2.04	13.5	--
	14-16	11/91	NG	0.98	NA	NA	495	ND	5.03	--
	19-21	11/91	NG	3.35	NA	NA	551	ND	4.58	--
B-8 GREEN	NG	11/91	NG	NA	NA	NA	NA	NA	975	--
LP-GRAB	NG	11/91	NG	NA	NA	NA	NA	NA	675	--
LP-1	NG	11/91	NG	NA	NA	NA	NA	NA	104	--
LP-2	NG	11/91	NG	NA	NA	NA	NA	NA	317	--
LP-3	NG	11/91	NG	NA	NA	NA	NA	NA	468	--
LP-4	NG	11/91	NG	NA	NA	NA	NA	NA	236	--
AQ-1	0-2	1/29/98	3010/6010	0.63	ND	U 0.21	ND	U 0.43	212	--
AQ-1	4-6	1/29/98	3010/6010	0.55	ND	U 0.21	ND	U 0.43	17.3	--
AQ-1	8-10	1/29/98	3010/6010	ND	U 0.44	0.23	ND	U 0.43	23.3	--
PA-1	0-2	1/23/98	3010/6010	ND	U 0.40	0.48	ND	UN 0.40	3.40	B --
PA-1 Duplicate	0-2	1/23/98	3010/6010	ND	U 0.40	0.49	ND	U 0.40	3.80	B --
PA-1	4-6	1/23/98	3010/6010	ND	U 0.41	0.20	ND	UN 0.41	6.20	B --
PA-1	8-10	1/23/98	3010/6010	ND	U 0.38	0.19	ND	UN 0.38	2.80	B --
PA-2	0-2	1/23/98	3010/6010	ND	U 0.38	0.19	ND	UN 0.38	4.60	B --
PA-2	4-6	1/23/98	3010/6010	ND	U 0.36	0.18	ND	UN 0.36	5.10	B --
PA-2	8-10	1/23/98	3010/6010	ND	U 0.40	0.20	ND	UN 0.40	2.90	B --
PA-3	0-2	1/23/98	3010/6010	ND	U 0.36	0.18	ND	UN 0.36	4.80	B --
PA-3	4-6	1/23/98	3010/6010	ND	U 0.34	0.17	ND	UN 0.34	6.10	B --
PA-3	8-10	1/23/98	3010/6010	ND	U 0.34	0.20	ND	UN 0.34	3.10	B --
PA-4	0-2	1/23/98	3010/6010	ND	U 0.37	0.18	ND	UN 0.37	6.20	B --
PA-4	4-6	1/23/98	3010/6010	0.36	ND	U 0.17	ND	UN 0.34	6.40	B --
PA-4	8-10	1/23/98	3010/6010	ND	U 0.34	0.17	ND	UN 0.34	6.40	B --
PA-5	0-2	1/23/98	3010/6010	ND	U 0.37	0.18	ND	UN 0.37	6.20	B --
PA-5	4-6	1/23/98	3010/6010	1.8	ND	U 0.24	ND	UN 0.47	20.3	B --
PA-5	8-10	1/23/98	3010/6010	ND	U 0.36	0.18	ND	UN 0.36	2.40	B --
MW-26	5-7	9/15/98	3010/6010	ND	U 0.64	0.88	ND	U 1.30	5.090	--
MW-26	10-12	9/15/98	3010/6010	0.68	ND	U 0.23	ND	U 1.40	19.0	--
B-27	10-12	9/15/98	3010/6010	ND	U 0.92	3.10	ND	U 1.80	8.660	--
B-28	10-12	9/15/98	3010/6010	ND	U 0.82	3.10	ND	U 1.60	7.620	--
Field Blank										
MW-25	0-2	9/15/98	3010/6010	ND	U 3.00	ND	U 1.00	NA	38.1	--
MW-25	5-7	9/15/98	3010/6010	0.75	ND	U 0.21	ND	U 1.30	115	--
MW-26	0-2	9/15/98	3010/6010	0.88	ND	U 0.22	ND	U 1.30	26.1	--
B-29	0-2	9/15/98	3010/6010	0.67	ND	U 0.22	ND	U 1.30	20.9	--
B-29 Duplicate	0-2	9/15/98	3010/6010	ND	U 0.67	ND	U 1.30	NA	408	--
B-36	5-7	9/14/98	3010/6010	0.73	ND	U 0.21	ND	U 1.20	424	--
B-37	5-7	9/14/98	3010/6010	ND	U 0.63	ND	U 1.20	NA	24.7	--
B-31	10-12	9/14/98	3010/6010	ND	U 0.68	ND	U 1.40	NA	46.2	--
B-35	5-7	9/15/98	3010/6010	ND	U 0.62	ND	U 1.20	NA	21.9	--
B-30	5-7	9/15/98	3010/6010	0.68	ND	U 0.21	ND	U 1.20	22.2	--
									15.2	--

T/ 1C
SUMMARY OF SOIL ANALAL AL DATA: TOTAL METALS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per million [ppm], mg/ kg)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III)	Chromium (VI)	SOL
Field Blank		11/20/98	3010/6010	NA	6.50	ND	NA	ND	1.60	NA	ND	ND	U 0.010
LP-1	6-8	11/18/98	3010/6010	NA	2.60	ND	NA	ND	0.14	NA	602	ND	U 0.22
LP-1**		11/18/98	NG	638	127	5.00	307	ND	0.049	772	17,500	ND	U 0.22
LP-2	6-8	11/18/98	3010/6010	NA	121	3.4	NA	ND	0.23	NA	23,700	ND	U 0.34
LP-2**		11/18/98	NG	1,460	233	9.40	561	ND	0.072	1,230	31,700	ND	U 0.34
LP-3	6-8	11/18/98	3010/6010	NA	5.30	ND	NA	ND	0.16	NA	905	ND	U 0.23
LP-4	6-8	11/18/98	3010/6010	NA	5.70	ND	NA	ND	0.45	NA	580	ND	U 0.22
LP-4 Duplicate	6-8	11/18/98	3010/6010	NA	6.20	ND	NA	ND	0.40	NA	693	ND	U 0.22
HB-1	0-3	11/19/98	3010/6010	NA	1.40	3.00	NA	ND	0.23	NA	49.4	ND	U 0.24
HB-1	2	11/19/98	3010/6010	NA	1.20	2.10	NA	ND	0.21	NA	7.80	ND	U 0.21
HB-2	0-3	11/19/98	3010/6010	NA	1.10	2.10	NA	ND	0.21	NA	15.0	ND	U 0.22
HB-2	2	11/19/98	3010/6010	NA	1.20	1.80	NA	ND	0.22	NA	17.6	ND	U 0.22
HB-3	2	11/19/98	3010/6010	NA	ND	0.82	NA	ND	0.20	NA	4.10	ND	U 0.20
HB-4	2	11/19/98	3010/6010	NA	0.88	0.82	NA	ND	0.21	NA	4.00	ND	U 0.21
HB-5	2	11/19/98	3010/6010	NA	1.50	ND	NA	ND	0.22	NA	19.8	ND	U 0.22
HB-6	2	11/19/98	3010/6010	NA	ND	0.87	NA	ND	0.22	NA	31.8	ND	U 0.22
HB-7	2	11/19/98	3010/6010	NA	ND	0.86	NA	ND	0.22	NA	34.4	ND	U 0.22
Tea Garden	2	11/19/98	3010/6010	NA	ND	0.85	NA	ND	0.21	NA	24.0	ND	U 0.21
B-32	0-2	11/18/98	3010/6010	NA	4.40	BN	NA	ND	0.18	NA	961	ND	U 0.22
B-32	5-7	11/18/98	3010/6010	NA	0.78	BN	NA	ND	0.14	NA	3.40	ND	U 0.20
B-33	0-2	11/18/98	3010/6010	NA	ND	0.058	NA	ND	0.15	NA	85.1	ND	U 0.21
B-33	5-7	11/18/98	3010/6010	NA	ND	0.44	NA	ND	0.11	NA	2.00	ND	U 0.21
B-34	0-2	11/18/98	3010/6010	NA	1.30	BN	NA	ND	0.16	NA	182	ND	U 0.21
B-34	5-7	11/18/98	3010/6010	NA	ND	0.72	NA	ND	0.18	NA	3.70	ND	U 0.20
R4-2	4-6	4/6/99	3010/6010	NA	ND	1.70	NA	ND	0.33	NA	3.20	NA	--
R4-5	4-6	4/6/99	3010/6010	NA	ND	1.40	NA	ND	0.45	NA	5.20	NA	--
R4-6	4-6	4/6/99	3010/6010	NA	ND	1.30	NA	ND	0.26	NA	1.80	NA	--
WWT FL	6-8	4/6/99	3010/6010	NA	ND	1.60	NA	ND	0.24	NA	24.6	NA	--
LP-1A	15-17	6/23/99	3010/6010	NA	ND	0.53	NA	ND	0.21	NA	140	NA	--
LP-1B	20-22	6/23/99	3010/6010	NA	ND	0.61	NA	ND	0.20	NA	41.5	NA	--
LP-1C	25-27	6/23/99	3010/6010	NA	ND	0.45	NA	ND	0.18	NA	14.4	NA	--
LP-2A	15-17	6/23/99	3010/6010	NA	0.52	0.68	NA	ND	0.13	NA	47.2	NA	--
LP-2B	20-22	6/23/99	3010/6010	NA	0.55	0.72	NA	ND	0.17	NA	19.1	NA	--
LP-2C	25-27	6/23/99	3010/6010	NA	0.12	0.18	NA	ND	0.40	NA	10.1	NA	--
LP-5A	15-17	6/23/99	3010/6010	NA	0.80	0.95	NA	ND	0.31	NA	125	NA	--
LP-5B	20-22	6/23/99	3010/6010	NA	ND	0.64	NA	ND	0.21	NA	53.7	NA	--
LP-5C	25-27	6/23/99	3010/6010	NA	ND	0.65	NA	ND	0.22	NA	9.40	NA	--

SUMMARY OF SOIL ANALYTICAL DATA: TOTAL METALS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per million [ppm], mg/kg)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Copper	Iron	Lead	Magnesium	Manganese	Mercury †	Nickel	Potassium
				SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
Field Blank		11/20/98	3010/6010	NA	NA	ND U 2.00	NA	NA	ND UN 0.10	ND	NA
LP-1	6-8	11/18/98	3010/6010	NA	NA	171	NA	NA	0.052 B	777	NA
LP-1**		11/18/98	NG	1,900	1,960	296	225	215	ND U 0.056	13,300	68.9 B
LP-2	6-8	11/18/98	3010/6010	NA	NA	328	4,400	NA	0.14 B	8,420	NA
LP-2**		11/18/98	NG	4,760	5,310	684	331	31.7	0.082 B	20,600	85.6 B
LP-3	6-8	11/18/98	3010/6010	NA	NA	16	NA	NA	0.040 B	1,220	NA
LP-4	6-8	11/18/98	3010/6010	NA	NA	12.7	NA	NA	0.042 B	752	NA
LP-4 Duplicate	6-8	11/18/98	3010/6010	NA	NA	15.4	NA	NA	0.053 B	904	NA
HB-1	0-3	11/19/98	3010/6010	NA	NA	49.6	NA	NA	0.53	28.5	NA
HB-1	2	11/19/98	3010/6010	NA	NA	560	NA	NA	0.040 B	6.10	NA
HB-2	0-3	11/19/98	3010/6010	NA	NA	31.4	NA	NA	0.080 B	10.2	NA
HB-2	2	11/19/98	3010/6010	NA	NA	32.9	NA	NA	0.091 B	13.2	NA
HB-3	2	11/19/98	3010/6010	NA	NA	250	NA	NA	0.037 B	2.70	NA
HB-4	2	11/19/98	3010/6010	NA	NA	520	NA	NA	0.050 B	3.10	NA
HB-5	2	11/19/98	3010/6010	NA	NA	21.9	NA	NA	0.12	12.8	NA
HB-6	2	11/19/98	3010/6010	NA	NA	14.2	NA	NA	0.037 B	20.0	NA
HB-7	2	11/19/98	3010/6010	NA	NA	30.2	NA	NA	0.085 B	24.8	NA
Tea Garden	2	11/19/98	3010/6010	NA	NA	20.4	NA	NA	0.046	20.8	NA
B-32	0-2	11/18/98	3010/6010	NA	NA	102	NA	NA	0.17	516	NA
B-32	5-7	11/18/98	3010/6010	NA	NA	140	NA	NA	0.048 B	2.20	NA
B-33	0-2	11/18/98	3010/6010	NA	NA	11.4	NA	NA	0.046 B	32.3	NA
B-33	5-7	11/18/98	3010/6010	NA	NA	0.93	NA	NA	0.043 B	1.90	NA
B-34	0-2	11/18/98	3010/6010	NA	NA	36.8	NA	NA	0.046 B	440	NA
B-34	5-7	11/18/98	3010/6010	NA	NA	160	NA	NA	0.039 B	240	NA
R4-2	4-6	4/6/99	3010/6010	NA	NA	130	NA	NA	ND U 0.012	150	NA
R4-5	4-6	4/6/99	3010/6010	NA	NA	15.1	NA	NA	ND U 0.016	480	NA
R4-6	4-6	4/6/99	3010/6010	NA	NA	120	NA	NA	ND U 0.017	140	NA
WWT FL	6-8	4/6/99	3010/6010	NA	NA	0.96	NA	NA	ND U 0.010	107	NA
LP-1A	15-17	6/23/99	3010/6010	NA	NA	520	NA	NA	ND U 0.036	100	NA
LP-1B	20-22	6/23/99	3010/6010	NA	NA	180	NA	NA	ND U 0.037	34.5	NA
LP-1C	25-27	6/23/99	3010/6010	NA	NA	160	NA	NA	ND U 0.026	34.8	NA
LP-2A	15-17	6/23/99	3010/6010	NA	NA	360	NA	NA	ND U 0.030	27.6	NA
LP-2B	20-22	6/23/99	3010/6010	NA	NA	210	NA	NA	ND U 0.037	16.8	NA
LP-2C	25-27	6/23/99	3010/6010	NA	NA	260	NA	NA	ND U 0.040	21.1	NA
LP-5A	15-17	6/23/99	3010/6010	NA	NA	770	NA	NA	ND U 0.032	69.3	NA
LP-5B	20-22	6/23/99	3010/6010	NA	NA	330	NA	NA	ND U 0.035	46.7	NA
LP-5C	25-27	6/23/99	3010/6010	NA	NA	160	NA	NA	ND U 0.028	17.4	NA

SUMMARY OF SOIL ANALYTICAL DATA: TOTAL METALS

248 Wyandanch Avenue, Wyandanch, New York

(unit, parts per million [ppm], mg/kg)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
Field Blank		11/20/98	3010/6010	ND	U 3.00	NA	ND	U 5.00	ND
LP-1	6-8	11/18/98	3010/6010	ND	U 0.42	NA	ND	U 0.71	155
LP-1**		11/18/98	NG	ND	U 0.58	23.8 B	4.20	7.10 B	3440
LP-2	6-8	11/18/98	3010/6010	ND	U 0.70	NA	ND	U 1.20	2120
LP-2**		11/18/98	NG	ND	U 0.85	65.5 B	7.30	17.7	6800
LP-3	6-8	11/18/98	3010/6010	ND	U 0.47	NA	ND	U 0.78	226
LP-4	6-8	11/18/98	3010/6010	ND	U 0.63	ND	ND	U 1.00	164
LP-4 Duplicate	6-8	11/18/98	3010/6010	ND	U 0.63	ND	ND	U 1.00	203
HB-1	0-3	11/19/98	3010/6010	ND	U 0.69	NA	ND	U 1.10	164
HB-1	2	11/19/98	3010/6010	ND	U 0.63	NA	ND	U 1.00	23.3
HB-2	0-3	11/19/98	3010/6010	ND	U 0.64	ND	ND	U 1.10	49.5
HB-2	2	11/19/98	3010/6010	ND	U 0.66	ND	ND	U 1.10	62.4
HB-3	2	11/19/98	3010/6010	ND	U 0.62	NA	ND	U 1.00	8.90
HB-4	2	11/19/98	3010/6010	ND	U 0.63	ND	ND	U 1.00	17.4
HB-5	2	11/19/98	3010/6010	ND	U 0.66	NA	ND	U 1.10	87.4
HB-6	2	11/19/98	3010/6010	ND	U 0.65	ND	ND	U 1.10	45.2
HB-7	2	11/19/98	3010/6010	ND	U 0.65	ND	ND	U 1.10	81.6
Tea Garden	2	11/19/98	3010/6010	ND	U 0.64	ND	ND	U 1.00	53.2
B-32	0-2	11/18/98	3010/6010	0.57	BN	ND	ND	U 0.90	190
B-32	5-7	11/18/98	3010/6010	0.60	BN	ND	ND	U 0.70	28.9
B-33	0-2	11/18/98	3010/6010	0.74	N	ND	ND	U 0.73	18.9
B-33	5-7	11/18/98	3010/6010	0.39	BN	ND	ND	U 0.56	7.00
B-34	0-2	11/18/98	3010/6010	0.84	N	ND	ND	U 0.80	89.9
B-34	5-7	11/18/98	3010/6010	0.92	N	ND	ND	U 0.89	24.9
R4-2	4-6	4/6/99	3010/6010	ND	U 0.67	ND	ND	U 1.20	13.3
R4-5	4-6	4/6/99	3010/6010	ND	U 0.71	ND	ND	U 1.20	24.1
R4-6	4-6	4/6/99	3010/6010	ND	U 0.71	ND	1.40	BN	8.00
WWTF FL	6-8	4/6/99	3010/6010	ND	U 0.65	ND	ND	U 1.10	22.2
LP-1A	15-17	6/23/99	3010/6010	ND	U 0.71	ND	ND	U 0.53	25.1
LP-1B	20-22	6/23/99	3010/6010	ND	U 0.81	ND	ND	U 0.61	16.0
LP-1C	25-27	6/23/99	3010/6010	0.77	--	ND	1.50	--	11.8
LP-2A	15-17	6/23/99	3010/6010	0.65	B	ND	0.72	B	11.1
LP-2B	20-22	6/23/99	3010/6010	0.95	--	ND	ND	U 0.48	8.40
LP-2C	25-27	6/23/99	3010/6010	ND	U 0.90	ND	ND	U 0.67	18.9
LP-5A	15-17	6/23/99	3010/6010	ND	U 0.93	ND	1.60	B	21.1
LP-5B	20-22	6/23/99	3010/6010	ND	U 0.85	ND	1.20	B	19.2
LP-5C	25-27	6/23/99	3010/6010	ND	U 0.86	ND	ND	U 0.65	20.7

T/AL DATA: TOTAL METALS
SUMMARY OF SOIL ANAL
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per million [ppm], mg/kg)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III)	Chromium (VI)	SOL
L2(15.20)	0-4	12/11/03	3050/6010	NA	NA	ND	5.18	24	0.10	NA	ND	0.26	NA
L2(15.20)	8-12	12/11/03	3050/6010	NA	NA	ND	5.32	2.84	0.11	NA	ND	0.27	NA
L3(20.15)	4-8	12/2/03	3050/6010	NA	NA	ND	5.46	9.62	0.11	NA	ND	0.27	NA
L3(20.15)	8-12	12/2/03	3050/6010	NA	NA	ND	5.18	4.76	0.10	NA	ND	0.26	NA
L4(00.30)	0-4	12/2/03	3050/6010	NA	NA	ND	5.38	53.4	0.11	NA	ND	0.05	NA
L4(00.30)	8-12	12/2/03	3050/6010	NA	NA	ND	5.63	2.61	0.11	NA	ND	0.28	NA
L5(05.35)	4-8	12/3/03	3050/6010	NA	NA	ND	5.62	10.2	0.11	NA	ND	0.28	NA
L5(05.35)	8-12	12/3/03	3050/6010	NA	NA	ND	5.27	6.21	0.11	NA	ND	0.26	NA
L5(30.50)	4-8	12/3/03	3050/6010	NA	NA	ND	5.58	9.05	0.11	NA	ND	0.06	NA
L5(30.50)	8-12	12/3/03	3050/6010	NA	NA	ND	5.44	2.38	0.11	NA	ND	0.27	NA
L5(30.15)	0-4	12/2/03	3050/6010	NA	NA	ND	5.46	1.87	0.11	NA	ND	0.27	NA
L5(30.15)	8-12	12/2/03	3050/6010	NA	NA	ND	5.26	11.3	0.11	NA	ND	0.26	NA
O2(15.10)	0-4	12/11/03	3050/6010	NA	NA	ND	5.15	7.68	0.10	NA	ND	0.36	NA
O2(15.10)	8-12	12/11/03	3050/6010	NA	NA	ND	7.39	5.44	0.15	NA	ND	0.37	NA
O3(10.10)	4-8	12/2/03	3050/6010	NA	NA	ND	5.50	12.7	0.11	NA	ND	0.27	NA
O3(10.10)	8-12	12/2/03	3050/6010	NA	NA	ND	5.44	2.33	0.11	NA	ND	0.27	NA
O4(10.30)	4-8	12/3/03	3050/6010	NA	NA	ND	5.38	10.9	0.11	NA	ND	0.27	NA
O4(10.30)	8-12	12/3/03	3050/6010	NA	NA	ND	5.36	6.54	0.11	NA	ND	0.27	NA
O4(20.10)	4-8	12/3/03	3050/6010	NA	NA	ND	5.18	3.64	0.10	NA	ND	0.26	NA
O4(20.10)	8-12	12/3/03	3050/6010	NA	NA	ND	5.58	14.1	0.11	NA	ND	0.28	NA
O5(05.25)	0-4	12/3/03	3050/6010	NA	NA	ND	5.33	8.46	0.11	NA	ND	0.27	NA
O5(05.25)	8-12	12/3/03	3050/6010	NA	NA	ND	5.29	2.62	0.11	NA	ND	0.26	NA
O5(30.25)	4-8	12/3/03	3050/6010	NA	NA	ND	5.19	5.18	0.10	NA	ND	0.26	NA
O5(30.25)	8-12	12/3/03	3050/6010	NA	NA	ND	5.49	2.81	0.11	NA	ND	0.27	NA
Q2(15.05)	0-4	12/11/03	3050/6010	NA	NA	ND	5.18	7.30	0.10	NA	ND	0.26	NA
Q2(15.05)	8-12	12/11/03	3050/6010	NA	NA	ND	5.73	2.20	0.11	NA	ND	0.29	NA
Q3(20.40)	4-8	12/2/03	3050/6010	NA	NA	ND	5.26	7.00	0.11	NA	ND	0.26	NA
Q3(20.40)	8-12	12/2/03	3050/6010	NA	NA	ND	6.28	3.19	0.13	NA	ND	0.31	NA
Q4(20.10)	0-4	12/2/03	3050/6010	NA	NA	ND	5.19	10.9	0.10	NA	ND	0.26	NA
Q4(20.10)	4-8	12/3/03	3050/6010	NA	NA	ND	6.51	10.9	0.13	NA	ND	0.33	NA
Q4(20.10)	8-12	12/2/03	3050/6010	NA	NA	8.27	5.79	8.04	0.12	NA	ND	0.29	NA
Q5(30.05)	4-8	12/3/03	3050/6010	NA	NA	ND	5.34	8.29	0.11	NA	ND	0.27	NA
Q5(30.05)	8-12	12/3/03	3050/6010	NA	NA	ND	5.28	2.05	0.11	NA	ND	0.26	NA
Recommended Cleanup Level to Protect Groundwater Quality				n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Recommended Cleanup Objective				SB	SB	7.5 or SB	300 or SB	0.16 or SB	1 or SB	SB	10 or SB	10 or SB	SB

Notes:

NA= Not Analyzed
 ND= Not Detected
 NG= None Given
 NV= Not Available
 SOL= Sample Quantitation Limit
 n/a= no recommended cleanup objective available
 SB= Site Background
 1= Sludge/sediment from bottom of storm drain
 2= Mercury analyzed via USEPA Method 7471
 U= Analyte was not detected at the SOL
 E= Estimated reported value due to interference
 3010/6010= USEPA Method 3010/6010

1) The laboratory did not provide the SOL for samples in which the constituent was detected. No sample quantitation limits are available for samples collected by other consultants in 1981 and 1991.
 2) The analytical data for the field blank is grouped with the appropriate laboratory sample batch. Dates provided for field blanks represent the date of laboratory analysis.
 B= Analytical result is between the instrument detection limit and the contract required detection limit.
 **= Sample analyzed by New York State Department of Environmental Control
 ** Duplicate analysis not within control limit
 N= Spiked sample recovery not within control limits

SUMMARY OF SOIL ANALYSIS DATA: TOTAL METALS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per million [ppm], mg/kg)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury ‡	Nickel	Potassium
				SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
L2(15.20)	0-4	12/11/03	3050/6010	NA	4.23	0.52	4.08	2.59	NA	0.028	0.003	2.43
L2(15.20)	8-12	12/11/03	3050/6010	NA	66.80	0.53	ND	2.66	NA	ND	0.008	10.9
L3(20.15)	4-8	12/21/03	3050/6010	NA	233	0.55	5.74	2.73	NA	0.007	0.005	17.40
L3(20.15)	8-12	12/21/03	3050/6010	NA	390	0.52	4.40	2.59	NA	ND	0.004	98.2
L4(00.30)	0-4	12/21/03	3050/6010	NA	174	0.54	32.10	2.69	NA	0.029	0.005	26.1
L4(00.30)	8-12	12/21/03	3050/6010	NA	ND	2.82	ND	2.82	NA	ND	0.004	53.10
L5(05.35)	4-8	12/31/03	3050/6010	NA	3.93	0.56	4.25	2.81	NA	0.011	0.006	136
L5(05.35)	8-12	12/31/03	3050/6010	NA	3.55	0.53	ND	2.64	NA	ND	0.005	57.2
L5(30.50)	4-8	12/31/03	3050/6010	NA	178	0.56	57.8	2.79	NA	0.020	0.005	2.040
L5(30.50)	8-12	12/31/03	3050/6010	NA	9.24	0.54	ND	2.72	NA	ND	0.003	30.2
L5(30.15)	0-4	12/21/03	3050/6010	NA	21.3	0.55	ND	2.73	NA	ND	0.004	9.63
L5(30.15)	8-12	12/21/03	3050/6010	NA	2.82	0.53	3.89	2.63	NA	0.012	0.004	4.40
O2(15.10)	0-4	12/11/03	3050/6010	NA	24.00	0.51	ND	3.70	NA	0.009	0.005	5.51
O2(15.10)	8-12	12/11/03	3050/6010	NA	4.50	0.74	ND	3.70	NA	ND	0.007	2.43
O3(10.10)	4-8	12/21/03	3050/6010	NA	2.94	0.55	5.19	2.75	NA	0.010	0.004	2.56
O3(10.10)	8-12	12/21/03	3050/6010	NA	ND	2.72	ND	2.72	NA	ND	0.005	0.96
O4(10.30)	4-8	12/31/03	3050/6010	NA	4.25	0.54	6.88	2.69	NA	0.012	0.004	3.00
O4(10.30)	8-12	12/31/03	3050/6010	NA	3.34	0.54	ND	2.68	NA	0.008	0.005	2.93
O4(20.10)	4-8	12/31/03	3050/6010	NA	3.90	0.52	3.38	2.59	NA	0.004	0.004	1.37
O4(20.10)	8-12	12/31/03	3050/6010	NA	4.48	0.56	4.12	2.79	NA	0.010	0.004	3.91
O5(05.25)	0-4	12/31/03	3050/6010	NA	4.43	0.53	4.81	2.67	NA	0.006	0.004	46.9
O5(05.25)	8-12	12/31/03	3050/6010	NA	3.07	0.53	ND	2.65	NA	ND	0.004	1.14
O5(30.25)	4-8	12/31/03	3050/6010	NA	2.61	0.52	4.30	2.60	NA	0.008	0.004	1.46
O5(30.25)	8-12	12/31/03	3050/6010	NA	ND	2.75	ND	2.75	NA	ND	0.004	1.28
Q2(15.05)	0-4	12/11/03	3050/6010	NA	3.25	0.52	ND	2.59	NA	0.004	0.004	1.74
Q2(15.05)	8-12	12/11/03	3050/6010	NA	3.12	0.57	ND	2.87	NA	ND	0.006	1.00
Q3(20.40)	4-8	12/21/03	3050/6010	NA	2.76	0.53	3.37	2.63	NA	0.007	0.004	2.43
Q3(20.40)	8-12	12/21/03	3050/6010	NA	ND	3.14	3.62	3.14	NA	ND	0.004	1.22
Q4(20.10)	0-4	12/21/03	3050/6010	NA	5.46	0.52	4.17	2.59	NA	0.005	0.004	2.52
Q4(20.10)	4-8	12/31/03	3050/6010	NA	5.92	0.65	17.1	3.25	NA	0.025	0.007	1.75
Q4(20.10)	8-12	12/21/03	3050/6010	NA	3.78	0.58	2.97	2.90	NA	ND	0.005	2.50
Q5(30.05)	4-8	12/31/03	3050/6010	NA	4.37	0.53	4.67	2.67	NA	0.010	0.005	2.32
Q5(30.05)	8-12	12/31/03	3050/6010	NA	3.20	0.53	ND	2.64	NA	ND	0.003	1.10
Recommended Cleanup Level to Protect Groundwater Quality				n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Recommended Cleanup Objective				30 or SB	25 or SB	2000 or SB	SB	SB	SB	0.10	13 or SB	SB

Notes:

- NA= Not Analyzed
 ND= Not Detected
 NG= None Given
 NV= Not Available
 SQL= Sample Quantitation Limit
 n/a= no recommended cleanup objective available
 SB= Site Background
 †= Sludge/sediment from bottom of storm drain
 ‡= Mercury analyzed via USEPA Method 7471
 U= Analyte was not detected at the SQL
 E= Estimated reported value due to interference.
 3010/6010= USEPA Method 3010/6010
- 1) The laboratory did not provide the SQL for samples in which the constituent was detected. No sample quantitation limits are available for samples collected by other consultants in 1981 and 1991.
 2) The analytical data for the field blank is grouped with the appropriate laboratory sample batch. Dates provided for field blanks represent the date of laboratory analysis.
 B= Analytical result is between the instrument detection limit and the contract required detection limit.
 ** Sample analyzed by New York State Department of Environmental Control
 ** Duplicate analysis not within control limit
 N= Spiked sample recovery not within control limits.

TOTAL DATA: TOTAL METALS
SUMMARY OF SOIL ANALYSIS
 248 Wyandanch Avenue, Wyandanch, New York
 (unit, parts per million [ppm], mg/kg)

Sample Location	Sample Depth (feet)	Sample Date	Analytical Method	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
L2(15.20)	0-4	12/1/03	3050/6010	ND	ND	1.04	NA	NA	7.57
L2(15.20)	8-12	12/1/03	3050/6010	ND	ND	1.06	NA	NA	12.3
L3(20.15)	4-8	12/2/03	3050/6010	ND	ND	1.09	NA	NA	7.86
L3(20.15)	8-12	12/2/03	3050/6010	ND	ND	1.08	NA	NA	57.50
L4(00.30)	0-4	12/2/03	3050/6010	ND	ND	1.04	NA	NA	198
L4(00.30)	8-12	12/2/03	3050/6010	ND	ND	1.0	NA	NA	4.47
L5(05.35)	4-8	12/3/03	3050/6010	ND	ND	1.12	NA	NA	28.0
L5(05.35)	8-12	12/3/03	3050/6010	ND	ND	1.05	NA	NA	6.07
L5(30.50)	4-8	12/3/03	3050/6010	ND	ND	1.12	NA	NA	45.10
L5(30.50)	8-12	12/3/03	3050/6010	ND	ND	1.09	NA	NA	5.03
L5(30.15)	0-4	12/2/03	3050/6010	ND	ND	1.09	NA	NA	3.52
L5(30.15)	8-12	12/2/03	3050/6010	ND	ND	1.05	NA	NA	6.84
O2(15.10)	0-4	12/1/03	3050/6010	ND	ND	1.03	NA	NA	8.57
O2(15.10)	8-12	12/1/03	3050/6010	ND	ND	1.48	NA	NA	4.29
O3(10.10)	4-8	12/2/03	3050/6010	ND	ND	1.10	NA	NA	7.24
O3(10.10)	8-12	12/2/03	3050/6010	ND	ND	1.09	NA	NA	2.29
O4(10.30)	4-8	12/3/03	3050/6010	ND	ND	1.08	NA	NA	10.20
O4(10.30)	8-12	12/3/03	3050/6010	ND	ND	1.07	NA	NA	3.69
O4(20.10)	4-8	12/3/03	3050/6010	ND	ND	1.04	NA	NA	4.97
O4(20.10)	8-12	12/3/03	3050/6010	ND	ND	1.12	NA	NA	7.19
O5(05.25)	0-4	12/3/03	3050/6010	ND	ND	1.07	NA	NA	8.66
O5(05.25)	8-12	12/3/03	3050/6010	ND	ND	1.06	NA	NA	3.32
O5(00.25)	4-8	12/3/03	3050/6010	ND	ND	1.04	NA	NA	4.81
O5(00.25)	8-12	12/3/03	3050/6010	ND	ND	1.10	NA	NA	2.92
Q2(15.05)	0-4	12/1/03	3050/6010	ND	ND	1.04	NA	NA	5.17
Q2(15.05)	8-12	12/1/03	3050/6010	ND	ND	1.15	NA	NA	5.35
Q3(20.40)	4-8	12/2/03	3050/6010	ND	ND	1.05	NA	NA	7.11
Q3(20.40)	8-12	12/2/03	3050/6010	ND	ND	1.26	NA	NA	2.94
Q4(20.10)	0-4	12/2/03	3050/6010	ND	ND	1.04	NA	NA	8.80
Q4(20.10)	4-8	12/3/03	3050/6010	ND	ND	1.30	NA	NA	11.40
Q4(20.10)	8-12	12/2/03	3050/6010	ND	ND	1.16	NA	NA	3.93
Q5(30.05)	4-8	12/3/03	3050/6010	ND	ND	1.07	NA	NA	6.92
Q5(30.05)	8-12	12/3/03	3050/6010	ND	ND	1.06	NA	NA	2.50
Recommended Clean-up Level to Protect Groundwater Quality				n/a	n/a	n/a	n/a	n/a	n/a
Recommended Clean-up Objective				2 or SB	SB	SB	SB	150 or SB	20 or SB

Notes:

- NA= Not Analyzed
 ND= Not Detected
 NG= None Given
 NV= Not Available
 SQL= Sample Quantitation Limit
 n/a= no recommended cleanup objective available
 SB= Site Background
 +- Sludge/ sediment from bottom of storm drain
 +- Mercury analyzed via USEPA Method 7471
 U= Analyte was not detected at the SQL
 E= Estimated reported value due to interference.
 3010/6010= USEPA Method 3010/6010
- 1) The laboratory did not provide the SQL for samples in which the constituent was detected. No sample quantitation limits are available for samples collected by other consultants in 1981 and 1991.
 2) The analytical data for the field blank is grouped with the appropriate laboratory sample batch. Dates provided for field blanks represent the date of laboratory analysis.
 B= Analytical result is between the instrument detection limit and the contract required detection limit.
 ** Sample analyzed by New York State Department of Environmental Control
 ** Duplicate analysis not within control limit
 N= Spiked sample recovery not within control limits.

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T.A. 2A
SUMMARY OF GROUNDWATER ANALYTICAL DATA: VOLATILE ORGANIC COMPOUNDS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per billion [ppb], µg/L)

Sample Identification	Analytical Method	Acetone	2-Butanone	Benzene	Carbon Disulfide	Chloro-methane	Chloro-form	1,1-Dichloro-ethane	1,2-Dichloro-ethane	cis 1,2-Dichloro-ethane	trans-1,2-Dichloro-ethane	Ethyl Benzene	2-Hexanone
SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
MW-1													
6/91	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/18/94	8260	NA	NA	ND	NA	NA	ND	NA	3.67	ND	NA	ND	NA
5/23/94	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
1/27/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
4/19/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7/24/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/12/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1/17/96	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4/11/96	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/96	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4/15/97	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/29/97	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4/19/98	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/19/98	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/15/00	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2													
6/91	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/18/94	8260	NA	NA	ND	NA	NA	ND	NA	ND	ND	NA	ND	NA
5/23/94	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
1/27/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
4/19/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7/24/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/12/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/96	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4/15/97	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/29/97	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4/19/98	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/15/00	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2 (SS)													
11/18/98	NG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/15/00	NG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-3													
6/91	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/18/94	8260	NA	NA	ND	NA	NA	ND	NA	ND	ND	NA	ND	NA
5/23/94	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
1/27/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
4/19/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7/24/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/12/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1/17/96	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4/11/96	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/96	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4/15/97	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/29/97	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4/19/98	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/19/98	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/11/02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/16/03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Standard and Guidance Values		50**	50**	1.0	NV	5.0***	7.0	5.0***	0.60	5.0***	5.0***	5.0***	50**

Notes:

- 1) Wells not sampled for VOCs were not included in sample identification column.
 - 2) The soil vapor extraction system operated between 12/3/97 and 4/20/98.
 - 3) Ambient Water Quality Standards and Guidance Values provided in New York State Division Water Technical and Operational Series (TODS 11.11) for Class GA Groundwater were developed in support of NYCRR Part 700-7.05, (revised June, 1998).
- SC= New York State Department of Environmental Conservation split sample data.
I= Compound was analyzed for and determined to be present in the sample.

B= Analyte is found in the blanks as well as the sample.
U= The compound was analyzed for but not detected above the SQL.
^= cis- and trans-1,2-dichloroethene reported as total 1,2-dichloroethene
* Reported as total 1,2-dichloroethene
** Refers to a Guidance Value where no Standard exists
*** Principal Organic Contaminant Standard
... The sample quantitation limit was not provided or is not available.

NA= Not Analyzed
ND= Not Detected above SQL
NG= Not Given
NS= Not Sampled
NV= No Standard or Guidance value available as of June 1998 revision.
MTBE= methyl tert-butyl ether
SQL= Sample Quantitation Limit

TAX 2A
SUMMARY OF GROUNDWATER ANALYTICAL DATA: VOLATILE ORGANIC COMPOUNDS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per billion [ppb], µg/L)

Sample Identification	Analytical Method	Methylene Chloride	4-Methyl-2-pentanone	MTBE	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene	Vinyl Chloride	Xylenes (total)	SQL
MW-1														
6/91	8260	ND	7.0	NA	ND	ND	ND	11	ND	ND	ND	ND	ND	--
5/18/94	8260	ND	ND	NA	ND	ND	ND	52.4	ND	ND	ND	ND	ND	--
5/23/94	8260	0.20	NA	NA	ND	ND	ND	30	ND	ND	ND	ND	ND	--
1/27/95	8260	ND	NA	NA	ND	ND	ND	0.60	ND	ND	ND	ND	ND	--
4/19/95	8260	1.0	NA	NA	0.30	ND	ND	0.60	ND	ND	ND	ND	ND	--
7/24/95	8260	ND	ND	NA	ND	ND	ND	0.70	ND	ND	ND	ND	ND	--
10/12/95	8260	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
1/17/96	8260	7.1	NA	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
4/11/96	8260	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
10/10/96	8260	ND	5.0	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
4/15/97	8260	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
10/29/97	8260	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
4/9/98	8260	ND	ND	NA	ND	2.0 JB	ND	ND	ND	ND	ND	ND	ND	--
11/19/98	8260	ND	5.0	NA	ND	ND	ND	0.40	ND	ND	ND	ND	ND	--
11/15/00	8260	ND	5.0	NA	ND	5.0	ND	ND	ND	ND	ND	ND	ND	--
11/15/00	8260	ND	3.0	ND	0.80	ND	ND	0.70	ND	ND	ND	ND	ND	1.3
MW-2														
6/91	8260	ND	ND	NA	ND	1500	ND	12	ND	5400	ND	ND	ND	--
5/18/94	8260	ND	ND	NA	NA	37.2	ND	14.9	ND	876	ND	ND	ND	--
5/23/94	8260	0.30	NA	NA	ND	28	ND	ND	0.40	1200	0.20	ND	ND	--
1/27/95	8260	ND	NA	NA	ND	26	ND	ND	ND	180	ND	12	ND	--
4/19/95	8260	ND	NA	NA	ND	11	ND	ND	ND	46	ND	33	ND	--
7/24/95	8260	ND	ND	NA	ND	0.50	ND	ND	ND	5.0	ND	6.0	ND	--
10/12/95	8260	6.7	ND	NA	ND	ND	ND	ND	ND	21	ND	ND	ND	--
10/10/96	8260	ND	5.0	NA	ND	37	ND	ND	ND	7.0	ND	1.0	ND	5.0
4/15/97	8260	ND	ND	NA	ND	93	ND	ND	ND	1400	NA	13	ND	--
10/29/97	8260	ND	ND	NA	ND	0.80 J	ND	ND	ND	5.0	NA	ND	ND	--
4/9/98	8260	5.0	ND	NA	ND	53	ND	ND	ND	410	NA	ND	ND	5.0
11/19/98	8260	68	5.0	NA	ND	13	ND	ND	ND	5.0	NA	ND	ND	5.0
11/15/00	8260	ND	3.0	ND	0.80	ND	ND	0.70	ND	12.6	ND	ND	ND	1.3
12/11/02	8260	ND	5.0	NA	ND	0.50	ND	ND	0.90	4	NA	ND	ND	5.0
12/15/03	8260	ND	3.0	ND	0.8	ND	ND	ND	5.0	ND	ND	ND	ND	5.0
MW-2 (S5)														
11/18/98	NG	ND	5.0	ND	ND	16	ND	0.7	ND	51	ND	ND	ND	1.3
11/15/00	NG	ND	ND	ND	ND	1.0 J	ND	ND	ND	8.0	ND	ND	ND	10
MW-3														
6/91	8260	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
5/18/94	8260	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
5/23/94	8260	0.20	NA	NA	ND	ND	ND	ND	ND	30.5	ND	ND	ND	--
1/27/95	8260	ND	NA	NA	ND	ND	ND	ND	ND	10	ND	ND	ND	--
4/19/95	8260	ND	NA	NA	ND	ND	ND	ND	ND	4.0	ND	ND	ND	--
7/24/95	8260	ND	ND	NA	ND	25	ND	ND	ND	170	ND	ND	ND	--
10/12/95	8260	12	ND	NA	ND	4.0	ND	ND	ND	12	ND	ND	ND	--
1/17/96	8260	8.1	ND	ND	ND	1.7	ND	ND	ND	5.3	ND	ND	ND	--
4/11/96	8260	1.1	ND	ND	ND	3.9	ND	ND	ND	94	ND	ND	ND	--
10/10/96	8260	ND	5.0	NA	ND	ND	ND	ND	ND	150	ND	ND	ND	5.0
4/15/97	8260	ND	ND	NA	ND	1.0 J	ND	ND	ND	38	ND	ND	ND	--
10/29/97	8260	ND	ND	NA	ND	1.0 J	ND	ND	ND	14	ND	ND	ND	--
4/9/98	8260	ND	5.0	NA	ND	0.80 J	ND	ND	ND	8	ND	ND	ND	5.0
11/19/98	8260	ND	5.0	ND	ND	ND	ND	ND	5.0	1	ND	ND	ND	5.0
12/11/02	8260	ND	5.0	NA	ND	2.0 J	ND	ND	ND	20	ND	ND	ND	5.0
12/16/03	8260	ND	3.0	NA	ND	1.3	ND	ND	ND	6.3	ND	ND	ND	1.3
Standard and Guidance Values		5.0***	NV	NV	5.0***	5.0***	5.0***	5.0***	5.0***	5.0***	5.0***	2.0	5.0***	

SUMMARY OF GROUNDWATER ANALYTICAL DATA: VOLATILE ORGANIC COMPOUNDS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per billion [ppb], µg/L)

Sample Identification	Analytical Method	Acetone	2-Butanone	Benzene	Carbon Disulfide	Chloro-methane	Chloro-form	1,1-Dichloro-ethane	1,2-Dichloro-ethane	cis 1,2-Dichloro-ethane	trans-1,2-Dichloro-ethane	Ethyl Benzene	2-Hexanone	SQL
MW-3 SS	NG	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
MW-4	8260	ND	10	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	10
12/11/02	8260	ND	10	ND	3	ND	1.2	ND	0.8	ND	0.5	ND	1	9.7
MW-4 SS	NG	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
11/15/00	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
6/91	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
5/18/94	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
5/23/94	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
1/27/95	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
4/19/95	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
7/24/95	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
10/12/95	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
4/11/96	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
10/10/96	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
4/15/97	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
10/29/97	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
4/9/98	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
11/19/98	8260	ND	U	ND	U	ND	U	ND	U	10 ^A	U	ND	U	10
MW-5R	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
12/15/03	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
MW-6R	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
12/15/03	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
MW-7	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
6/91	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
5/23/94	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
1/27/95	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
4/19/95	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
7/24/95	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
10/12/95	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
1/17/96	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
4/11/96	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
10/10/96	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
4/15/97	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
10/29/97	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
4/9/98	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
11/19/98	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
12/15/03	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
MW-9	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
6/91	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
5/23/94	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
1/27/95	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
4/19/95	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
7/24/95	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
10/12/95	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
1/17/96	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
4/11/96	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
10/10/96	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
4/15/97	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
10/29/97	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
4/9/98	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
11/19/98	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
12/15/03	8260	ND	10	ND	10	ND	10	ND	10	ND	10	ND	10	10
Standard and Guidance Values		50**	50**	1.0	NV	5.0***	7.0	5.0***	0.60	5.0***	5.0***	5.0***	5.0***	50**

Notes:

- 1) Wells not sampled for VOCs were not included in sample identification column.
 - 2) The soil vapor extraction system operated between 12/3/97 and 4/20/98.
 - 3) Ambient Water Quality Standards and Guidance Values provided in New York State Division Water Technical and Operational Series (TOS 1.1.1) for Class CA Groundwater were developed in support of NYCRR Part 700.705 (revised June, 1998).
- SS= New York State Department of Environmental Conservation split sample data.
J= Compound was analyzed for and determined to be present in the sample.

B= Analyte is found in the blanks as well as the sample.
U= The compound was analyzed for but not detected above the SQL.
^= cis- and trans-1,2-dichloroethene reported as total 1,2-dichloroethene
** Reported as total 1,2-dichloroethene
*** Refers to a Guidance Value where no Standard exists
*** Principal Organic Contaminant Standard
... The sample quantitation limit was not provided or is not available.

NA= Not Analyzed
ND= Not Detected above SQL
NG= Not Given
NS= Not Sampled
NV= No Standard or Guidance value available as of June 1998 revision.
MTBE= methyl tert-butyl ether
SQL= Sample Quantitation Limit

TAP 2A
SUMMARY OF GROUNDWATER ANALYTICAL DATA: VOLATILE ORGANIC COMPOUNDS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per billion [ppb], µg/L)

Sample Identification	Analytical Method	Methylene Chloride	4-Methyl-2-pentanone	MTBE	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene	Vinyl Chloride	SQL	Xylenes (total)
MW-3 SS	11/15/00	NG	ND	U	10	ND	U	10	ND	U	10	ND	U	10
MW-4	12/11/02	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	12/15/03	8260	ND	3.0	ND	0.8	ND	0.8	ND	0.8	ND	ND	0.3	ND
MW-4 SS	11/15/00	NG	ND	U	10	ND	U	10	ND	U	10	ND	U	10
MW-5	6/91	8260	6.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	5/18/94	8260	0.30	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	5/23/94	8260	0.30	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	1/27/95	8260	ND	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	4/19/95	8260	ND	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	7/24/95	8260	ND	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	10/12/95	8260	11	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	4/11/96	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	10/10/96	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	4/15/97	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	10/29/97	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	4/9/98	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	11/15/00	8260	ND	3.0	ND	0.8	ND	0.8	ND	0.8	ND	ND	0.3	ND
	12/15/03	8260	ND	3.0	ND	0.8	ND	0.8	ND	0.8	ND	ND	0.3	ND
MW-6R	12/15/03	8260	ND	3.0	ND	0.8	ND	0.8	ND	0.8	ND	ND	0.3	ND
MW-7	6/91	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	5/23/94	8260	0.30	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	1/27/95	8260	ND	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	4/19/95	8260	ND	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	7/24/95	8260	ND	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	10/12/95	8260	12	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	1/17/96	8260	7.6	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	4/11/96	8260	2.3	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	10/10/96	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	4/15/97	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	10/29/97	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	4/9/98	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	11/19/98	8260	ND	3.0	ND	0.8	ND	0.8	ND	0.8	ND	ND	0.3	ND
	12/15/03	8260	ND	3.0	ND	0.8	ND	0.8	ND	0.8	ND	ND	0.3	ND
MW-9	6/91	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	5/23/94	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	1/27/95	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	4/19/95	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	7/24/95	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	10/12/95	8260	11	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	1/17/96	8260	8.8	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
	4/11/96	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	10/10/96	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	4/15/97	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	10/29/97	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	4/9/98	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	11/19/98	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
	12/15/03	8260	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	ND	5.0	ND
Standard and Guidance Values														5.0***

TAYLOR
SUMMARY OF GROUNDWATER ANALYTICAL DATA: VOLATILE ORGANIC COMPOUNDS
 248 Wyandanch Avenue
 Wyandanch, New York
 (unit, parts per billion [ppb]/ug/L)

Sample Identification	Analytical Method	Acetone	2-Butanone	Benzene	Carbon Disulfide	Chloro-methane	Chloro-form	1,1-Dichloro-ethane	1,2-Dichloro-ethane	cis-1,2-Dichloro-ethane	trans-1,2-Dichloro-ethane	Ethyl Benzene	2-Hexanone
		SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
MW-10	7/1/94	NG	NG	NG	NG	NG	NG	NG	NG	3	NG	NG	NG
	11/19/98	8260	10	ND	ND	5.0	ND	5.0	5.0	15*	ND	5.0	ND
	12/15/03	8260	10	ND	ND	0.6	ND	0.8	0.7	1.6	0.5	0.8	ND
MW-11	7/1/94	NG	NG	NG	NG	NG	NG	NG	NG	1	NG	NG	NG
	11/19/98	8260	10	ND	ND	5.0	ND	5.0	5.0	ND	ND	5.0	ND
	12/15/03	8260	10	ND	ND	0.6	ND	0.8	0.7	1	ND	0.8	ND
MW-12	6/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/23/94	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/27/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/19/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/24/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/12/95	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/96	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/11/96	8260	ND	ND	ND	ND	ND	8.9	ND	1,400	23	ND	ND
	10/10/96	8260	ND	ND	ND	ND	ND	5.0	5.0	1,800	5.0	5.0	ND
	4/15/97	8260	ND	ND	ND	ND	ND	ND	ND	580	580	ND	ND
	10/29/97	8260	ND	ND	ND	ND	ND	ND	ND	400	400	ND	ND
	4/9/98	8260	ND	ND	ND	ND	ND	ND	ND	48	48	5.0	ND
	11/19/98	8260	8.0 JB	ND	ND	0.8	ND	5.0	5.0	60	ND	5.0	ND
	12/15/03	8260	ND	ND	ND	0.6	ND	0.8	0.7	8.3	0.5	0.8	ND
MW-15	4/15/99	8260	4.0 JB	ND	ND	5.0	ND	5.0	5.0	62	5.0	ND	ND
MW-16	4/6/99	8260	3.0 JB	ND	ND	5.0	ND	5.0	5.0	10	5.0	ND	ND
	11/15/00	8260	ND	ND	ND	0.6	ND	0.8	0.7	0.90	0.5	ND	ND
	12/18/03	8260	ND	ND	ND	0.6	ND	0.8	0.7	33.7	0.5	0.80	9.7
MW-17	4/6/99	8260	ND	ND	ND	10	ND	10	5.0	98	5.0	5.0	ND
	12/15/03	8260	ND	ND	ND	0.6	ND	0.8	0.7	33	0.5	ND	ND
MW-18	4/6/99	8260	ND	ND	ND	5.0	ND	5.0	5.0	5.0	5.0	ND	ND
MW-19	12/16/03	8260	ND	ND	ND	3.0	ND	4	ND	4.5	ND	4	ND
MW-20	4/15/99	8260	ND	ND	ND	5.0	ND	5.0	5.0	22	5.0	ND	ND
	11/15/00	8260	ND	ND	ND	0.60	ND	0.8	0.7	1.4	0.5	0.8	ND
	12/15/03	8260	ND	ND	ND	3	ND	4.0	3.5	ND	2.5	ND	ND
MW-21	4/6/99	8260	2.0 JB	ND	ND	5.0	ND	5.0	5.0	48	5.0	ND	ND
	12/16/03	8260	ND	ND	ND	0.6	ND	0.8	0.7	4.1	0.5	ND	ND
MW-22	4/6/99	8260	3.0 JB	ND	ND	5.0	ND	5.0	5.0	2.0	5.0	ND	ND
MW-23	4/6/99	8260	5.0 JB	ND	ND	5.0	ND	5.0	5.0	14	5.0	ND	ND
	15/15/03	8260	ND	ND	ND	0.6	ND	0.8	0.7	ND	0.5	ND	ND
MW-25	11/19/98	8260	ND	ND	ND	5.0	ND	5.0	5.0	ND	5.0	ND	ND
	12/15/03	8260	ND	ND	ND	0.6	ND	0.8	0.7	ND	0.5	ND	ND
Standard and Guidance Values		50**	50**	1.0	NV	5.0***	7.0	5.0***	0.60	5.0***	5.0***	5.0***	50**

Notes:

- 1) Wells not sampled for VOCs were not included in sample identification column.
- 2) The soil vapor extraction system operated between 12/3/97 and 4/20/98.
- 3) Ambient Water Quality Standards and Guidance Values provided in New York State Division Water Technical and Operational Series (TODS 1.11) for Class CA Groundwater were developed in support of NYCRR Part 200-705 (revised June, 1998).

SS= New York State Department of Environmental Conservation split sample data.
 J= Compound was analyzed for and determined to be present in the sample.

Prepared By: PCS/EAF
 Reviewed By: SWR
 Revised: 4/13/04

NA= Not Analyzed
 ND= Not Detected above SQL
 NG= Not Given
 NS= Not Sampled
 NV= No Standard or Guidance value available as of June 1998 revision.
 MTBE= methyl tert-butyl ether
 SQL= Sample Quantitation Limit

TAP 2A
SUMMARY OF GROUNDWATER ANALYTICAL DATA: VOLATILE ORGANIC COMPOUNDS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per billion [ppb]/µg/L)

Sample Identification	Analytical Method	Methylene Chloride	4-Methyl-2-pentanone	MTBE	1,1,2,2-Tetra-chloroethane	Tetrachloro ethene	Toluene	1,1,1-Trichloro ethane	1,1,2-Trichloro ethane	Trichloro ethene	1,2,4-Trimethyl benzene	Vinyl Chloride	Xylenes (total)
MW-10	8260	NG	NG	NG	NG	1	NG	NG	NG	39	NG	NG	NG
7/1/94	8260	ND	ND	ND	ND	ND	5.0	5.0	5.0	18	5.0	10	ND
12/15/03	8260	ND	NA	24.4	0.5	2.9	0.4	0.7	0.9	10	1.0	0	ND
MW-11	8260	NG	NG	NG	NG	ND	NG	NG	NG	34	NG	NG	NG
7/1/94	8260	ND	ND	ND	ND	ND	5.0	5.0	2.0	ND	5.0	ND	ND
11/19/98	8260	ND	NA	18.4	0.5	ND	0.4	0.7	0.9	8.7	1.0	0	ND
12/15/03	8260	ND	NA	18.4	0.5	ND	0.4	0.7	0.9	8.7	1.0	0	ND
MW-12	8260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6/91	8260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/23/94	8260	370	NA	NA	NA	120	NA	NA	NA	3,300	NA	NA	NA
1/27/95	8260	ND	NA	NA	NA	400	ND	ND	ND	1,500	ND	58	ND
4/19/95	8260	ND	NA	NA	NA	100	ND	ND	ND	1,800	ND	54	ND
7/24/95	8260	11	ND	NA	ND	75	ND	6.7	ND	1,700	ND	17	ND
10/12/95	8260	8.0	NA	ND	ND	75	ND	5.3	ND	1,400	ND	94	ND
1/17/96	8260	14	1.2	ND	ND	220	ND	15	1.5	4,200	ND	66	ND
4/11/96	8260	30	ND	NA	ND	190	5.0	5.0	5.0	1,900	ND	10	ND
10/10/96	8260	25	ND	NA	ND	360	ND	ND	ND	3,400	ND	10	ND
4/15/97	8260	ND	ND	NA	ND	120	ND	ND	ND	3,000	ND	ND	ND
10/29/97	8260	ND	ND	NA	ND	55	5.0	5.0	5.0	380	5.0	10	ND
4/9/98	8260	ND	ND	NA	ND	ND	5.0	5.0	5.0	78	5.0	10	ND
11/19/98	8260	ND	ND	ND	180	5.0	ND	5.0	5.0	208	1.0	0.3	ND
12/15/03	8260	ND	NA	ND	0.5	8.3	0.4	0.7	0.9	208	1.0	0.3	ND
MW-15	8260	ND	ND	NA	ND	37	5.0	5.0	5.0	9.0	5.0	1.0	ND
4/5/99	8260	ND	ND	NA	ND	0.80	5.0	5.0	5.0	0.40	5.0	1.0	ND
MW-16	8260	ND	ND	NA	ND	0.5	ND	ND	ND	0.40	5.0	1.0	ND
4/6/99	8260	ND	NA	3.9	0.8	16.1	0.4	0.7	0.9	9.1	1.0	0.3	ND
11/15/00	8260	ND	NA	48.8	0.8	68	5.0	5.0	5.0	9.0	5.0	2.0	ND
12/18/03	8260	ND	NA	ND	0.5	28.7	0.4	0.7	0.9	5.8	1.0	1.5	ND
MW-17	8260	ND	ND	NA	ND	0.8	5.0	5.0	5.0	0.60	5.0	ND	ND
4/6/99	8260	ND	ND	NA	ND	0.8	5.0	5.0	5.0	0.60	5.0	ND	ND
12/15/03	8260	ND	NA	650	4	32.1	2.0	3.5	4.5	ND	5	ND	ND
MW-19	8260	ND	NA	650	4	32.1	2.0	3.5	4.5	ND	5	ND	ND
12/16/03	8260	ND	NA	650	4	32.1	2.0	3.5	4.5	ND	5	ND	ND
MW-20	8260	ND	ND	NA	ND	8.0	5.0	5.0	5.0	2.0	5.0	2.0	ND
4/5/99	8260	ND	NA	ND	0.80	ND	0.4	0.7	0.9	ND	1.0	0.30	ND
11/15/00	8260	ND	NA	2430	4.00	ND	2.0	3.5	4.5	ND	5.0	1.50	ND
12/15/03	8260	ND	NA	2430	4.00	ND	2.0	3.5	4.5	ND	5.0	1.50	ND
MW-21	8260	ND	ND	NA	ND	5.0	5.0	5.0	5.0	7.0	5.0	0.9	ND
4/6/99	8260	ND	NA	179	0.8	21.6	0.4	0.7	0.9	2.6	1.0	ND	ND
12/16/03	8260	ND	NA	179	0.8	21.6	0.4	0.7	0.9	2.6	1.0	ND	ND
MW-22	8260	ND	ND	NA	ND	5.0	5.0	5.0	5.0	0.5	5.0	ND	ND
4/6/99	8260	ND	ND	NA	ND	5.0	5.0	5.0	5.0	0.5	5.0	ND	ND
12/16/03	8260	ND	ND	NA	ND	5.0	5.0	5.0	5.0	0.5	5.0	ND	ND
MW-23	8260	ND	ND	NA	ND	13	5.0	5.0	5.0	1.0	5.0	ND	ND
4/6/99	8260	ND	NA	460	0.8	0.8	0.4	0.7	0.9	ND	1.0	ND	ND
15/15/03	8260	ND	NA	460	0.8	0.8	0.4	0.7	0.9	ND	1.0	ND	ND
MW-25	8260	5.0	ND	NA	ND	5.0	5.0	5.0	5.0	7.0	5.0	ND	ND
11/19/98	8260	ND	ND	0.8	0.5	0.5	0.4	0.7	0.9	12.6	1.0	ND	ND
12/15/03	8260	ND	NA	0.8	0.5	0.5	0.4	0.7	0.9	12.6	1.0	ND	ND
Standard and Guidance Values		5.0***	NV	NV	5.0***	5.0***	5.0***	5.0***	5.0***	5.0***	5.0***	2.0	5.0***

TATA
SUMMARY OF GROUNDWATER ANALYTICAL DATA: VOLATILE ORGANIC COMPOUNDS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per billion [ppb], µg/L)

Sample Identification	Analytical Method	Acetone	2-Butanone	Benzene	Carbon Disulfide	Chloro-methane	Chloro-form	1,1-Dichloro-ethane	1,2-Dichloro-ethane	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	Ethyl Benzene	2-Hexanone
MW-25 (SS)	NG	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10
11/18/98 MW-26													
11/19/98 MW-26R	8260	3.0 JB 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 10	ND 5.0	ND 5.0	30 * 5.0	ND 5.0	ND 5.0	ND 10
12/15/03 GP-101A	8260	ND 10	ND 10	ND 0.6	ND 3.0	ND 1.2	ND 10	ND 0.8	ND 0.7	11.8 0.9	ND 0.5	ND 0.8	ND 10
11/19/98 GP-101B	8260	ND 10	ND 10	ND 5.0	0.1 J 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	30 * 5.0	ND 5.0	ND 5.0	ND 10
11/19/98 GP-101C	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/19/98 GP-102A	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/19/98 GP-102B	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/19/98 GP-102B (SS)	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/18/98 GP-102C	NG	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10
11/19/98 GP-103A	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/19/98 GP-103B	8260	3.0 JB 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/19/98 GP-103C	8260	6.0 JB 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	29 * 5.0	ND 5.0	ND 5.0	ND 10
11/19/98 GP-104A	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/19/98 GP-104B	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/19/98 GP-104C	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/19/98 GP-105A	8260	4.0 JB 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/19/98 GP-105B	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/19/98 GP-105C	8260	3.0 JB 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
11/19/98 TCE-1	8260	3.0 JB 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
1/23/98 TCE-1 (SS)	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	68	ND 5.0	ND 5.0	ND 10
Method Blank	NG	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10
10/10/98 2/5/98 4/9/98 11/18/98 4/11/99	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
10/10/98 2/5/98 11/18/98	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
DI Blank	8260	4.0 JB 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
2/5/98	8260	ND 10	ND 10	ND 5.0	ND 5.0	ND 10	ND 5.0	ND 5.0	ND 5.0	ND --	ND 5.0	ND 5.0	ND 10
Standard and Guidance Values		50**	50**	1.0	NV	5.0***	7.0	5.0***	0.60	5.0***	5.0***	5.0***	50**

Notes:

- 1) Wells not sampled for VOCs were not included in sample identification column.
 - 2) The soil vapor extraction system operated between 12/3/97 and 4/20/98.
 - 3) Ambient Water Quality Standards and Guidance Values provided in New York State Division Water Technical and Operational Series (TODS 1.1.1) for Class CA Groundwater were developed in support of NYCRR Part 700-705 (revised June, 1998).
- SS= New York State Department of Environmental Conservation split sample data.
 J= Compound was analyzed for and determined to be present in the sample.
 The concentration listed is an estimated value.

B= Analyte is found in the blanks as well as the sample.
 U= The compound was analyzed for but not detected above the SQL.
 ^= cis- and trans-1,2-dichloroethene reported as total 1,2-dichloroethene
 ** Reported as total 1,2-dichloroethene
 *** Refers to a Guidance Value where no Standard exists
 **** Principal Organic Contaminant Standard
 .. The sample quantitation limit was not provided or is not available.

NA= Not Analyzed
 ND= Not Detected above SQL
 NG= Not Given
 NS= Not Sampled
 NV= No Standard or Guidance value available as of June 1998 revision.
 MTBE= methyl tert-butyl ether
 SQL= Sample Quantitation Limit

TA 2A
SUMMARY OF GROUNDWATER ANALYTICAL DATA: VOLATILE ORGANIC COMPOUNDS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per billion [ppb], µg/L)

Sample Identification	Analytical Method	Methylene Chloride	4-Methyl-2-pentanone	MTBE	1,1,2,2-Tetra-chloroethane	Tetrachloro ethene	Toluene	1,1,1-Trichloro ethane	1,1,2-Trichloro ethane	Trichloro ethene	1,2,4-Trimethyl benzene	Vinyl Chloride	Xylenes (total)
MW-23 (SS)	NG	ND U 5.0	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	7.0 J	ND U --	ND U 10	ND U 10
MW-26	8260	ND 5.0	ND 10	NA	ND 5.0	18	ND 5.0	ND 5.0	ND 5.0	2.0 J 5.0	ND --	7.0 J 10	ND 5.0
MW-26R	8260	ND 3.0	NA	60.8	ND 0.5	19.5	ND 0.4	ND 0.7	ND 0.9	5.4	ND 0.7	ND 0.3	ND 1.3
GP-101A	8260	5.0 B 5.0	ND 10	NA	ND 5.0	9	ND 5.0	ND 5.0	ND 5.0	67	ND --	ND 10	ND 5.0
GP-101B	8260	5.0 B 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
GP-101C	8260	5.0 B 5.0	ND 10	NA	ND 5.0	1	ND 5.0	ND 5.0	ND 5.0	2.0 5.0	ND --	ND 10	ND 5.0
GP-102A	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
GP-102B	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
GP-102C	NG	ND U 5.0	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U --	ND U 10	ND U 10
GP-103A	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
GP-103B	8260	2.0 J 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
GP-103C	8260	1.0 J 5.0	ND 10	NA	ND 5.0	9.0	ND 5.0	ND 5.0	ND 5.0	61	ND --	ND 10	ND 5.0
GP-104A	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
GP-104B	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
GP-104C	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
GP-105A	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
GP-105B	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
GP-105C	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
TCE-1	8260	ND 5.0	ND 10	ND	ND 5.0	67	ND 5.0	ND 5.0	ND 5.0	870	ND --	ND 10	ND 5.0
TCE-1 (SS)	NG	ND U 5.0	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U 10	ND U --	ND U 10	ND U 10
Method Blank	8260	ND 5.0	ND 10	ND	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
10/10/96	8260	ND 5.0	ND 10	ND	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
2/5/98	8260	ND 5.0	ND 10	ND	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
4/9/98	8260	ND 5.0	ND 10	ND	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
11/18/98	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
4/11/99	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
Trip Blank	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
10/10/96	8260	ND 5.0	ND 10	NA	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
2/5/98	8260	ND 5.0	ND 10	ND	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
11/18/98	8260	2.0 J 5.0	ND 10	ND	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
DI Blank	8260	ND 5.0	ND 10	ND	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
2/5/98	8260	ND 5.0	ND 10	ND	ND 5.0	ND	ND 5.0	ND 5.0	ND 5.0	ND	ND --	ND 10	ND 5.0
Standard and Guidance Values		5.0***	NV	NV	5.0***	5.0***	5.0***	5.0***	5.0***	5.0***	5.0***	2.0	5.0***

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TAL 2B
SUMMARY OF GROUNDWATER ANALYTICAL DATA: POLYCYCLIC AROMATIC HYDROCARBONS
 248 Wyandanch Avenue
 Wyandanch, New York
 (unit, parts per billion [ppb] µg/L)

Sample Identification	Sample Date	Analytical Method	Acenaphthene	Anthracene	Benzo (a) anthracene	Chrysene	Fluoranthene
Method Blank	12/2/98	8270	ND	ND	ND	ND	ND
GP-102A	11/19/98	8270	ND	ND	ND	ND	ND
GP-102C	11/19/98	8270	ND	ND	ND	ND	ND
GP-103A	11/19/98	8270	ND	ND	ND	ND	ND
Method Blank	12/2/98	8270	ND	ND	ND	ND	ND
GP-101A	11/19/98	8270	0.40	J	0.20	0.10	0.40
GP-101C	11/19/98	8270	ND	J	ND	ND	ND
Method Blank	12/3/98	8270	ND	ND	ND	ND	ND
GP-103C	11/20/98	8270	ND	J	ND	ND	0.10
GP-104A	11/20/98	8270	ND	J	ND	ND	0.20
GP-104C	11/20/98	8270	ND	ND	ND	ND	ND
GP-105A	11/20/98	8270	ND	ND	ND	ND	ND
GP-105C	11/20/98	8270	ND	ND	ND	ND	ND
Method Blank	4/19/99	8270	ND	ND	ND	ND	ND
MW-15	4/5/99	8270	ND	ND	ND	ND	ND
MW-15 Dup	4/5/99	8270	ND	ND	ND	4.0	ND
MW-20	4/5/99	8270	ND	ND	ND	ND	ND
MW-20 Dup	4/5/99	8270	ND	ND	ND	3.0	1.0
MW-20	12/11/02	8270	ND	ND	ND	ND	ND
MW-20	12/15/03	8270	ND	5	ND	5	ND
Standard and Guidance Values			20**	50**	0.0020**	0.0020**	50**

Notes:

- 1) Ambient Water Quality Standards and Guidance Values provided in the New York State and Technical Operational Guidance Series (TOGS 1.1.1). For Class GA Groundwater, developed in support of 6 NYCRR Part 700-705 (revised June 1998).
- 2) Analytical data for method blank is grouped with appropriate laboratory sample batch. Dates provided for method blanks represent the data of laboratory analysis.
- 3) Phenol was detected in sample MW-20 on 12/11/02 but not a significant amount, results is less than RL but greater than or equal to MDL

ND= Not Detected above SQL

NV= No standard or guidance value available as of June 1998 revision.

SQL= Sample Quantitation Limit

J= Compound was analyzed for and determined to be present in sample. Mass spectrum of compound meets identification criteria for method. Concentration listed is an estimated value, less than contract required detection limit but greater than instrument detection limit.

**= Refers to a Guidance value where no Standard exists

8270= USEPA Method 8270

SUMMARY OF GROUNDWATER ANALYTICAL DATA: POLYCYCLIC AROMATIC HYDROCARBONS

248 Wyandanch Avenue

Wyandanch, New York

(unit, parts per billion [ppb] µg/L)

Sample Identification	Sample Date	Analytical Method	Fluorene	2-Methyl naphthalene	Naphthalene	Phenanthrene	Pyrene	SQL
Method Blank	12/2/98	8270	ND	ND	ND	ND	ND	10
GP-102A	11/19/98	8270	ND	ND	ND	ND	ND	10
GP-102C	11/19/98	8270	ND	ND	ND	ND	ND	10
GP-103A	11/19/98	8270	ND	ND	ND	ND	ND	10
Method Blank	12/2/98	8270	ND	ND	ND	0.10	ND	10
GP-101A	11/19/98	8270	0.50	J	0.10	1.0	0.30	J
GP-101C	11/19/98	8270	ND	ND	ND	0.30	ND	10
Method Blank	12/3/98	8270	ND	ND	ND	ND	ND	10
GP-103C	11/20/98	8270	ND	ND	ND	0.60	ND	10
GP-104A	11/20/98	8270	0.20	J	ND	J	0.10	J
GP-104C	11/20/98	8270	ND	ND	ND	0.80	ND	10
GP-105A	11/20/98	8270	ND	ND	ND	ND	ND	10
GP-105C	11/20/98	8270	0.20	0.29	ND	0.10	ND	10
Method Blank	4/19/99	8270	ND	ND	ND	ND	ND	10
MW-15	4/5/99	8270	ND	ND	ND	ND	ND	10
MW-15 Dup	4/5/99	8270	ND	ND	ND	ND	ND	10
MW-20	4/5/99	8270	ND	ND	ND	ND	ND	10
MW-20 Dup	4/5/99	8270	ND	ND	ND	2.0	0.90	J
MW-20	12/11/02	8270	ND	ND	ND	ND	ND	10
MW-20	12/15/03	8270	ND	5	5	5	5	5
Standard and Guidance Values			50**	NV	10**	50**	50**	

SUMMARY OF GROUNDWATER ANALYTICAL DATA: POLYCYCLIC AROMATIC HYDROCARBONS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per billion [ppb] µg/L)

Sample Identification	Sample Date	Analytical Method	Acenaphthene	Anthracene	Benzo (a) anthracene	Chrysene	Fluoranthene
Method Blank	4/22/99	8270	ND	10	ND	10	ND
MW-5R	12/15/03	8270	ND	5	ND	5	ND
MW-6R	12/15/03	8270	ND	5	ND	5	ND
MW-16	4/6/99	8270	ND	10	ND	10	ND
MW-16	12/15/03	8270	ND	5	ND	5	ND
MW-17	4/6/99	8270	ND	10	ND	10	ND
MW-17	12/15/03	8270	ND	5	ND	5	ND
MW-18	4/6/99	8270	ND	10	ND	10	ND
MW-19	12/16/03	8270	ND	5	ND	5	ND
MW-21	4/6/99	8270	ND	10	ND	10	ND
MW-21	12/15/03	8270	ND	5	ND	5	ND
MW-22	4/6/99	8270	ND	10	ND	10	ND
MW-23	4/6/99	8270	ND	10	ND	10	ND
MW-23	12/15/03	8270	ND	5	ND	5	ND
MW-26R	12/15/03	8270	ND	5	ND	5	ND
GEC-5	12/15/03	8270	ND	5	ND	5	ND
Standard and Guidance Values			20**	50**	0.0020**	0.0020**	50**

Notes:

- 1) Ambient Water Quality Standards and Guidance Values provided in the New York State and Technical Operational Guidance Series (TOGS 1.1.1). For Class GA Groundwater, developed in support of 6 NYCRR Part 700-705 (revised June 1998).
- 2) Analytical data for method blank is grouped with appropriate laboratory sample batch. Dates provided for method blanks represent the data of laboratory analysis.
- 3) Phenol was detected in sample MW-20 on 12/11/02 but not a significant amount, results is less than RL but greater than or equal to MDL

ND= Not Detected above SQL

NV= No standard or guidance value available as of June 1998 revision.

SQL= Sample Quantitation Limit

J= Compound was analyzed for and determined to be present in sample. Mass spectrum of compound meets identification criteria for method. Concentration listed is an estimated value, less than contract required detection limit but greater than instrument detection limit.

**= Refers to a Guidance value where no Standard exists

8270= USEPA Method 8270

SUMMARY OF GROUNDWATER ANALYTICAL DATA: POLYCYCLIC AROMATIC HYDROCARBONS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per billion [ppb] µg/L)

Sample Identification	Sample Date	Analytical Method	Fluorene	2-Methyl naphthalene	Naphthalene	Phenanthrene	Pyrene	SQL
Method Blank	4/22/99	8270	ND	ND	ND	ND	ND	10
MW-5R	12/15/03	8270	ND	ND	ND	ND	ND	5
MW-6R	12/15/03	8270	ND	ND	ND	ND	ND	5
MW-16	4/6/99	8270	ND	ND	ND	ND	ND	10
MW-16	12/15/03	8270	ND	ND	ND	ND	ND	5
MW-17	4/6/99	8270	ND	ND	ND	ND	ND	10
MW-17	12/15/03	8270	ND	ND	ND	ND	ND	5
MW-18	4/6/99	8270	ND	ND	ND	ND	ND	10
MW-19	12/16/03	8270	ND	ND	ND	ND	ND	5
MW-21	4/6/99	8270	ND	ND	ND	ND	ND	10
MW-21	12/15/03	8270	ND	ND	ND	ND	ND	5
MW-22	4/6/99	8270	ND	ND	ND	ND	ND	10
MW-23	4/6/99	8270	ND	ND	ND	ND	ND	10
MW-23	12/15/03	8270	ND	ND	ND	ND	ND	5
MW-26R	12/15/03	8270	ND	ND	ND	ND	ND	5
GEC-5	12/15/03	8270	ND	ND	ND	ND	ND	5
Standard and Guidance Values			50**	NV	10**	50**	50**	50**

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TABLE 2C
SUMMARY OF GROUNDWATER ANALYTICAL DATA:
TOTAL METALS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per million [ppm], mg/L)

Sample Identification	Analytical Method	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Total Chromium	SQL
MW-1										
5/23/94	NG	NA	0.046	0.019	NA	ND	ND	NA	NA	--
1/27/95	NG	NA	ND	0.042	NA	ND	0.0068	NA	NA	--
11/17/98	3010/6010	NA	ND	0.0052 B	NA	ND U	ND N	NA	NA	--
11/15/00	NG	NA	NA	ND	0.1170	NA	0.0006	NA	NA	--
MW-2										
5/23/94	NG	NA	0.038	0.0070	NA	ND	ND	NA	NA	--
1/27/95	NG	NA	ND	0.030	NA	ND	0.014	NA	NA	--
11/18/98	3010/6010	NA	ND	0.0034 B	NA	ND U	ND N	NA	NA	--
11/15/00	NG	NA	NA	ND	0.0849	NA	ND	NA	NA	--
12/11/02	6010/7470/7196	NA	ND	0.020	NA	ND	ND	NA	NA	--
12/15/03	200.7/6010	NA	NA	ND	0.0978	NA	0.0006	NA	0.008	0.004
MW-2 (SS)										
11/18/98	NG	1.93	0.0037 B	0.0018 B	0.214	ND U	ND U	28.6	NA	--
MW-3										
5/23/94	NG	NA	ND	ND	NA	ND	ND	NA	NA	--
1/27/95	NG	NA	ND	ND	NA	ND	ND	NA	NA	--
11/17/98	3010/6010	NA	ND	0.004	NA	ND U	ND N	NA	NA	--
12/11/02	6010/7470/7196	NA	ND	0.020	NA	ND	ND	NA	NA	--
12/16/03	200.7/6010	NA	NA	ND	0.0703	NA	ND	NA	0.036	0.004
MW-4										
12/11/02	6010/7470/7196	NA	ND	ND	NA	ND	ND	NA	NA	--
12/16/03	200.7/6010	NA	NA	ND	0.0885	NA	ND	NA	0.058	0.004
MW-5										
5/23/94	NG	NA	0.040	0.029	NA	ND	ND	NA	NA	--
1/27/95	NG	NA	ND	0.046	NA	ND	0.0066	NA	NA	--
11/18/98	3010/6010	NA	ND	0.0079 B	NA	ND U	ND N	NA	NA	--
MW-5 D										
11/18/98	3010/6010	NA	ND	0.0053 B	NA	ND U	ND	NA	NA	--
MW-5R										
12/16/03	200.7/6010	NA	NA	ND	0.0767	NA	ND	NA	ND	0.004
MW-6										
5/23/94	NG	NA	0.050	0.032	NA	ND	27.1	NA	NA	--
MW-6R										
12/16/03	200.7/6010	NA	NA	ND	0.1140	NA	0.0009	NA	ND	0.004
MW-7										
5/23/94	NG	NA	ND	0.0050	NA	ND	ND	NA	NA	--
1/27/95	NG	NA	ND	ND	NA	ND	ND	NA	NA	--
11/17/98	3010/6010	NA	ND	0.0030	NA	ND U	ND N	NA	NA	--
11/15/00	NG	NA	NA	ND	0.2980	NA	0.0003	NA	NA	--
12/15/03	200.7/6010	NA	NA	ND	0.0974	NA	0.0006	NA	0.013	0.004

Notes:

NS= Not Sampled
SQL= Sample Quantitation Limit
NA= Not Analyzed
ND= Not detected above SQL
NG= Not Given
3010/6010= USEPA Method 3010/6010
-- = Sample quantitation limits not provided or not available.
Total Chromium = RCRA-8 analysis of unfiltered sample collected by low flow sampling

SS= Data for NYSDEC split samples.
B= Analytical result is between the instrument detection limit and the contract required detection limit.
E= Detected concentration exceeds calibration curve range.
N= Spiked sample recovery not within control limits.
U= Analyte not detected at sample quantitation limit.
*= Duplicate analysis not within control limit.

TABLE 2C
SUMMARY OF GROUNDWATER ANALYTICAL DATA:
TOTAL METALS
 248 Wyandanch Avenue
 Wyandanch, New York
 (unit, parts per million [ppm], mg/L)

Sample Identification	Analytical Method	Chromium(III)	Chromium (VI)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	SQL
MW-1											
5/23/94	NG	0.029	0.020	NA	0.026	NA	0.035	NA	NA	0	--
1/27/95	NG	0.065	ND	NA	0.084	NA	0.056	NA	NA	0.00029	--
11/17/98	3010/6010	0.0075	NA	NA	0.0218	NA	0.014	NA	NA	ND	--
11/15/00	NG	0.0250	ND	NA	NA	NA	0.020	NA	NA	ND	0.00010
MW-2											
5/23/94	NG	8.88	0.24	NA	3.16	NA	0.087	NA	NA	0	--
1/27/95	NG	4.0	ND	NA	3.8	NA	0.079	NA	NA	0.00048	--
11/18/98	3010/6010	0.165	NA	NA	0.231	NA	0.0022	NA	NA	ND	--
11/15/00	NG	0.256	0.004	NA	NA	NA	ND	0.01	NA	ND	0.00010
12/11/02	6010/7470/7196	0.389	0.010	NA	0.292	NA	ND	0.010	NA	ND	0.00004
12/15/03	200.7/6010	ND	0.004	NA	0.0197	NA	ND	0.0020	NA	ND	0.00020
MW-2 (SS)											
11/18/98	NG	0.201	NA	0.039	0.384	2.68	0.0092	5.03	7.63	ND	UN 0.00011
MW-3											
5/23/94	NG	0.119	0.020	NA	0.597	NA	ND	NA	NA	ND	--
1/27/95	NG	0.32	ND	NA	4.5	NA	ND	NA	NA	ND	--
11/17/98	3010/6010	0.0039	NA	NA	0.13	NA	ND	0.0020	NA	ND	0.00010
12/11/02	6010/7470/7196	0.2030	0.010	NA	0.30	NA	0.014	0.010	NA	ND	0.00020
12/16/03	200.7/6010	ND	0.004	NA	0.0837	NA	ND	0.0020	NA	ND	0.000040
MW-4											
12/11/02	6010/7470/7196	0.0490	0.010	NA	0.102	NA	ND	0.010	NA	ND	0.00020
12/16/03	200.7/6010	ND	0.008	NA	0.0769	NA	ND	0.0020	NA	ND	0.000040
MW-5											
5/23/94	NG	0.117	0.020	NA	0.639	NA	0.022	NA	NA	0	--
1/27/95	NG	0.1	ND	NA	0.73	NA	0.020	NA	NA	ND	--
11/18/98	3010/6010	0.0011	NA	NA	0.0095	NA	ND	0.0020	NA	ND	0.00010
MW-5 D											
11/18/98	3010/6010	0.0012	NA	NA	0.0094	NA	ND	0.0020	NA	ND	0.00010
MW-5R											
12/16/03	200.7/6010	ND	0.004	NA	0.0419	NA	ND	0.0020	NA	ND	0.000040
MW-6											
5/23/94	NG	0.046	0.046	NA	1.21	NA	0.285	NA	NA	ND	--
MW-6R											
12/16/03	200.7/6010	ND	0.004	NA	0.0076	NA	ND	0.0020	NA	ND	0.000040
MW-7											
5/23/94	NG	ND	0.010	NA	ND	NA	0.0060	NA	NA	ND	--
1/27/95	NG	ND	ND	NA	ND	NA	ND	NA	NA	ND	--
11/17/98	3010/6010	ND	NA	NA	0.0019	NA	ND	0.0020	NA	ND	0.00010
11/15/00	NG	0.0090	0.004	NA	NA	NA	ND	0.0100	NA	ND	0.00004
12/15/03	200.7/6010	ND	0.004	NA	0.0097	NA	0.004	0.0020	NA	ND	0.000040

TABLE 2C
SUMMARY OF GROUNDWATER ANALYTICAL DATA:
TOTAL METALS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per million [ppm], mg/L)

Sample Identification	Analytical Method	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	SQL
MW-1										
5/23/94	NG	ND	NA	ND	ND	NA	ND	NA	0.173	--
1/27/95	NG	0.042	NA	ND	0.010	NA	ND	NA	0.25	--
11/17/98	3010/6010	ND	NA	ND	ND	NA	ND	NA	0.105	--
11/15/00	NG	NA	NA	ND	ND	NA	NA	NA	NA	--
MW-2										
5/23/94	NG	4.49	NA	ND	ND	NA	ND	NA	0.747	--
1/27/95	NG	5.7	NA	ND	0.010	NA	ND	NA	0.70	--
11/18/98	3010/6010	10.6	NA	ND	ND	NA	ND	NA	0.263	--
11/15/00	NG	NA	NA	ND	ND	NA	NA	NA	NA	--
12/11/02	6010/7470/7196	1.4	NA	ND	ND	NA	ND	NA	0.048	B
12/15/03	200.7/6010	NA	NA	ND	ND	NA	NA	NA	0.024	0.005
MW-2 (SS)										
11/18/98	NG	15.6	5.9	0.0044	ND	43.7	0.0144	0.0029	0.345	--
MW-3										
5/23/94	NG	1.75	NA	ND	ND	NA	ND	NA	0.109	--
1/27/95	NG	3.5	NA	ND	0.011	NA	ND	NA	0.68	--
11/17/98	3010/6010	0.195	NA	ND	ND	NA	ND	NA	0.0492	--
12/11/02	6010/7470/7196	1.39	NA	ND	ND	NA	ND	NA	0.0956	0.05
12/16/03	200.7/6010	NA	NA	ND	ND	NA	NA	NA	0.071	0.005
MW-4										
12/11/02	6010/7470/7196	2.1	NA	ND	ND	NA	ND	NA	0.0561	0.05
12/16/03	200.7/6010	NA	NA	ND	ND	NA	NA	NA	0.151	0.005
MW-5										
5/23/94	NG	0.373	NA	ND	ND	NA	ND	NA	0.582	--
1/27/95	NG	0.23	NA	ND	0.013	NA	ND	NA	0.48	--
11/18/98	3010/6010	0.0637	NA	ND	ND	NA	ND	NA	0.0239	--
MW-5 D										
11/18/98	3010/6010	0.0641	NA	ND	ND	NA	ND	NA	0.017	--
MW-5R										
12/16/03	200.7/6010	NA	NA	ND	ND	NA	NA	NA	0.090	0.005
MW-6										
5/23/94	NG	3.96	NA	ND	ND	NA	ND	NA	0.537	--
MW-6R										
12/16/03	200.7/6010	NA	NA	ND	ND	NA	NA	NA	0.106	0.005
MW-7										
5/23/94	NG	0.025	NA	ND	ND	NA	ND	NA	0.026	--
1/27/95	NG	ND	NA	ND	0.011	NA	ND	NA	ND	--
11/17/98	3010/6010	ND	NA	ND	ND	NA	ND	NA	ND	--
11/15/00	NG	NA	NA	ND	ND	NA	NA	NA	NA	0.017
12/15/03	200.7/6010	NA	NA	ND	ND	NA	NA	NA	0.030	0.0050

TABLE 2C
SUMMARY OF GROUNDWATER ANALYTICAL DATA:
TOTAL METALS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per million [ppm], mg/L)

Sample Identification	Analytical Method	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Total Chromium
		SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
MW-7 D	3010/6010	NA	ND	0.004 B	NA	ND	ND	NA	NA
MW-8	NG	NA	ND	ND	NA	ND	ND	NA	NA
MW-9	NG	NA	ND	ND	NA	ND	ND	NA	NA
5/23/94	NG	NA	ND	ND	NA	ND	ND	NA	NA
11/17/98	3010/6010	NA	ND	ND	NA	ND	ND	NA	NA
MW-10	NG	NA	ND	ND	NA	ND	ND	NA	NA
7/6/94	3010/6010	NA	ND	ND	NA	ND	ND	NA	NA
11/17/98	200.7/6010	NA	NA	ND	0.0500	NA	ND	NA	0.006
12/15/03		NA	NA	ND	0.0500	NA	ND	NA	0.004
MW-11	NG	NA	ND	ND	NA	ND	ND	NA	NA
7/6/94	3010/6010	NA	ND	ND	NA	ND	ND	NA	NA
11/17/98	200.7/6010	NA	NA	ND	0.0621	NA	ND	NA	0.018
12/15/03		NA	NA	ND	0.0500	NA	ND	NA	0.004
MW-12	NG	NA	NS	NS	NA	NS	NS	NA	NA
5/23/94	NG	NA	ND	ND	NA	ND	ND	NA	NA
7/6/94	NG	NA	0.18	0.11	NA	0.019	0.082	NA	NA
1/27/95	NG	NA	0.0047 B	ND	NA	ND	ND	NA	NA
11/17/98	3010/6010	NA	NA	ND	0.0030	ND	ND	NA	NA
12/15/03	200.7/6010	NA	NA	ND	0.0500	NA	ND	NA	0.048
MW-15	4/5/99	NA	ND	0.0090 B	NA	ND	0.0039 B	NA	NA
MW-16	12/15/03	NA	NA	ND	0.3020	NA	ND	NA	0.004
MW-17	3010/6010	NA	ND	0.019	NA	ND	0.0032 B	NA	NA
4/6/99	200.7/6010	NA	NA	ND	0.137	NA	ND	NA	ND
12/15/03		NA	ND	ND	0.0500	NA	ND	NA	0.004
MW-17 Dup	3010/6010	NA	ND	0.016	NA	ND	0.0033 B	NA	NA
4/6/99		NA	ND	ND	NA	ND	0.0026 B	NA	NA
MW-20	3010/6010	NA	ND	ND	NA	ND	0.0010 B	NA	NA
MW-25	3010/6010	NA	0.0178 B	0.0037 B	NA	0.0010 B	ND	NA	NA
11/18/98	200.7/6010	NA	NA	ND	0.115	NA	ND	NA	0.091
12/15/03		NA	NA	ND	0.05	NA	ND	NA	0.004
MW-25 (SS)	NG	0.936	0.0055 B	0.0032 B	0.926 B	ND	ND	11.7	NA
11/18/98		NA	ND	0.0069 B	NA	ND	ND	NA	NA
MW-26	3010/6010	NA	ND	0.004	NA	ND	ND	NA	NA
11/17/98		NA	ND	0.004	NA	ND	ND	NA	NA

Notes:

NS= Not Sampled
SQL= Sample Quantitation Limit
NA= Not Analyzed
ND= Not detected above SQL
NG= Not Given
3010/6010= USEPA Method 3010/6010
--- = Sample quantitation limits not provided or not available.
Total Chromium = RCRA-8 analysis of unfiltered sample collected by low flow sampling

SS= Data for NYSDEC split samples.
B= Analytical result is between the instrument detection limit and the contract required detection limit.
E= Detected concentration exceeds calibration curve range.
N= Spiked sample recovery not within control limits.
U= Analyte not detected at sample quantitation limit.
*= Duplicate analysis not within control limit.

TABLE 2C
SUMMARY OF GROUNDWATER ANALYTICAL DATA:
TOTAL METALS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per million [ppm], mg/L)

Sample Identification	Analytical Method	Chromium(III)	Chromium (VI)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	SOL
MW-7 D 11/17/98	3010/6010	0.0014 B	NA	NA	0.0028 B	NA	ND	0.0020	NA	ND	0.00010
MW-8 5/23/94	NG	ND	0.010	NA	ND	NA	ND	NA	NA	ND	--
MW-9 5/23/94	NG	ND	0.01	NA	ND	NA	0.0050	NA	NA	0.0	--
1/27/95	NG	ND	ND	NA	ND	NA	ND	NA	NA	ND	--
11/17/98	3010/6010	ND	NA	NA	0.0014 B	NA	ND	0.0020	NA	ND	0.00010
MW-10 7/6/94	NG	0.040	ND	NA	0.010	NA	ND	NA	NA	ND	--
11/17/98	3010/6010	0.0031 B	NA	NA	0.0044 B	NA	ND	0.0020	NA	ND	0.00010
12/15/03	200.7/6010	0.011	ND	NA	0.0099	0.00050	ND	0.0020	NA	ND	0.000040
MW-11 7/6/94	NG	0.08	ND	NA	0.22	NA	0.010	NA	NA	0.00082	--
11/17/98	3010/6010	0.018	NA	NA	0.0105 B	NA	ND	0.0020	NA	ND	0.00010
12/15/03	200.7/6010	0.015	ND	NA	0.0071	0.00050	ND	0.0020	NA	ND	0.000040
MW-12 5/23/94	NG	NS	NS	NA	NS	NA	NS	NA	NA	NS	--
7/6/94	NG	ND	ND	NA	ND	NA	ND	NA	NA	ND	--
1/27/95	NG	18	ND	NA	21	NA	0.310	NA	NA	0.0013	--
11/17/98	3010/6010	0.0288	NA	NA	5.31	NA	ND	0.0020	NA	ND	0.00010
12/15/03	200.7/6010	0.007	ND	NA	0.53	0.00050	ND	0.0020	NA	ND	0.000040
MW-15 4/5/99	3010/6010	0.026	NA	NA	0.034	NA	0.016	NA	NA	ND	U 0.00010
MW-16 12/15/03	200.7/6010	ND	ND	NA	0.010	0.00050	ND	0.0020	NA	ND	0.000040
MW-17 4/6/99	3010/6010	0.054	NA	NA	0.041	NA	0.015	NA	NA	ND	U 0.00010
12/15/03	200.7/6010	ND	NA	NA	0.0015	0.00050	ND	0.0020	NA	ND	0.000040
MW-17 Dup 4/6/99	3010/6010	0.055	NA	NA	0.041	NA	0.015	NA	NA	ND	U 0.00010
MW-20 4/6/99	3010/6010	0.016	NA	NA	0.045	NA	0.010	NA	NA	ND	U 0.00010
MW-25 11/18/98	3010/6010	2.74	NA	NA	0.483	NA	0.031	NA	NA	0.00018 B	--
12/15/03	200.7/6010	0.019	0.064	NA	0.0132	0.00050	ND	0.0020	NA	ND	0.000040
MW-25 (SS) 11/18/98	NG	0.358	NA	0.0079 B	0.0701	1.21	0.0035	2.10 B	0.367	ND	UN 0.00021
MW-26 11/17/98	3010/6010	0.0080 B	NA	NA	0.156	NA	0.0142	NA	NA	ND	0.00010

TABLE 2C
SUMMARY OF GROUNDWATER ANALYTICAL DATA:
TOTAL METALS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per million [ppm], mg/L)

Sample Identification	Analytical Method	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	SQL
MW-7 D	3010/6010	ND	0.0060	NA	ND	0.001	ND	0.0050	NA	0.017
MW-8	NG	0.066	--	ND	ND	--	ND	--	0.023	--
MW-9	NG	ND	--	ND	ND	--	ND	--	0.034	--
1/27/95	NG	ND	--	ND	0.011	--	ND	--	0.024	--
11/17/98	3010/6010	ND	0.0060	ND	0.001	0.001	ND	0.0050	NA	0.017
MW-10	NG	0.15	--	ND	ND	--	ND	--	0.13	--
7/6/94	3010/6010	ND	0.0060	ND	0.001	0.001	ND	0.0050	NA	0.017
11/17/98	200.7/6010	NA	--	ND	0.005	0.005	NA	--	0.029	0.005
MW-11	NG	0.07	--	ND	ND	--	ND	--	0.23	--
7/6/94	3010/6010	0.015	0.0060	ND	0.001	0.001	ND	0.0050	0.017	0.017
11/17/98	200.7/6010	NA	--	ND	0.005	0.005	NA	--	0.014	0.005
MW-12	NG	NS	--	NS	NS	--	NS	--	NS	--
5/23/94	NG	ND	--	ND	ND	--	ND	--	0.06	--
7/6/94	NG	21	--	0.0055	ND	--	ND	--	5.60	--
1/27/95	NG	7.07	--	ND	0.001	0.001	ND	0.0050	0.859	--
11/17/98	3010/6010	NA	--	ND	0.005	0.005	NA	--	0.289	0.005
12/15/03	200.7/6010	0.020	B	ND	U	0.002	ND	U	0.0070	0.005
MW-15	3010/6010	NA	--	ND	U	0.002	ND	U	0.0070	0.005
4/5/99	200.7/6010	NA	--	ND	0.005	0.005	NA	--	0.017	0.005
MW-16	3010/6010	0.026	B	ND	U	0.002	ND	U	0.0070	0.005
12/15/03	200.7/6010	NA	--	ND	0.005	0.005	NA	--	0.011	0.005
MW-17	3010/6010	0.027	B	ND	U	0.002	ND	U	0.0070	0.005
4/6/99	200.7/6010	0.013	B	ND	U	0.002	ND	U	0.0070	0.005
MW-20	3010/6010	0.212	--	ND	N	0.001	ND	0.0050	0.144	--
MW-25	3010/6010	NA	--	ND	0.005	0.005	NA	--	0.042	0.005
11/18/98	200.7/6010	0.134	--	ND	U	0.00061	0.0047	B	0.0738	--
MW-26	3010/6010	0.0064	B	ND	N	0.0030	ND	0.0050	0.0576	--

TABLE 2C
SUMMARY OF GROUNDWATER ANALYTICAL DATA:
TOTAL METALS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per million [ppm], mg/L)

Sample Identification	Analytical Method	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Total Chromium
		SQL	SQL	SQL	SQL	SQL	SQL	SQL	SQL
MW-26R	200.7/601	NA	NA	ND	0.123	0.001	ND	0.0005	NA
12/15/03									ND 0.004
TCE-1	3010/6010	NA	0.0944	0.0082	NA	0.0018	0.0023	NA	NA
1/29/98									--
TCE-1 (SS)	NG	61.3	0.0576	0.0073	2.94	0.0029	0.00075	28.3	NA
11/18/98									--
PA-1	3010/6010	NA	0.302	0.095	NA	0.0050	ND	0.001	NA
1/23/98									--
PA-2	3010/6010	NA	0.224	0.306	NA	0.0278	ND	0.001	NA
1/23/98									--
PA-3	3010/6010	NA	0.0174	0.0521	NA	0.0078	ND	0.001	NA
1/23/98									--
R4-6	3010/6010	NA	ND	0.097	NA	ND	0.0022	NA	NA
4/6/99									--
Field Blank									
11/17/98									
GEC-1	3010/6010	NA	ND	ND	0.0030	0.001	ND	0.001	NA
12/15/03									--
GEC-2	200.7/6010	NA	NA	ND	0.0397	0.001	ND	0.0005	ND 0.004
12/15/03									
GEC-3	200.7/6010	NA	NA	ND	0.193	0.001	ND	0.0005	ND 0.004
12/15/03									
GEC-4	200.7/6010	NA	NA	ND	0.162	0.001	ND	0.0005	ND 0.004
12/15/03									
		NA	NA	ND	0.0624	0.001	ND	0.0005	0.012 0.004

Notes:

NS= Not Sampled
 SQL= Sample Quantitation Limit
 NA= Not Analyzed
 ND= Not detected above SQL
 NG= Not Given
 3010/6010= USEPA Method 3010/6010
 -- = Sample quantitation limits not provided or not available.
 Total Chromium = RCRA-8 analysis of unfiltered sample collected by low flow sampling

SS= Data for NYSDEC split samples.
 B= Analytical result is between the instrument detection limit and the contract required detection limit.
 E= Detected concentration exceeds calibration curve range.
 N= Spiked sample recovery not within control limits.
 U= Analyte not detected at sample quantitation limit.
 *= Duplicate analysis not within control limit.

TABLE 2C
SUMMARY OF GROUNDWATER ANALYTICAL DATA:
TOTAL METALS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per million [ppm], mg/L)

Sample Identification	Analytical Method	Chromium(III)		Chromium (VI)		Cobalt	Copper		Iron		Lead	Magnesium		Manganese	Mercury	SQL	
MW-26R																	
12/15/03	200.7/601	ND	0.007	ND	0.004	NA	--	0.0018	0.00050	NA	--	ND	0.0020	NA	--	ND	0.000040
TCE-1																	
1/29/98	3010/6010	17.6	--	NA	--	NA	--	10.6	--	NA	--	0.291	--	NA	--	0.0025	--
TCE-1 (SS)																	
11/18/98	NG	7.49	--	NA	--	0.0098	B	10.9	--	0.19	--	0.188	--	3.98	B	0.0034	--
PA-1																	
1/23/98	3010/6010	55.7	--	NA	--	NA	--	15	--	NA	--	0.1754	--	NA	--	0.00032	*N
PA-2																	
1/23/98	3010/6010	41	--	NA	--	NA	--	5.91	--	NA	--	5.85	--	NA	--	0.0023	*N
PA-3																	
1/23/98	3010/6010	3.59	--	NA	--	NA	--	0.687	--	NA	--	0.23	--	NA	--	0.0010	*N
R4-6																	
4/6/99	3010/6010	0.0391	--	NA	--	NA	--	0.0178	B	NA	--	0.0265	--	NA	--	ND	U
Field Blank																	
11/17/98	3010/6010	ND	0.001	NA	--	NA	--	0.0085	B	NA	--	0.0020	--	NA	--	ND	0.000010
GEC-1																	
12/15/03	200.7/6010	ND	0.007	ND	0.004	NA	--	0.0012	0.00050	NA	--	ND	0.0020	NA	--	ND	0.000040
GEC-2																	
12/15/03	200.7/6010	ND	0.007	ND	0.004	NA	--	0.0006	0.0005	NA	--	ND	0.0020	NA	--	ND	0.000040
GEC-3																	
12/15/03	200.7/6010	0.012	0.007	ND	0.004	NA	--	0.0010	0.0005	NA	--	ND	0.0020	NA	--	ND	0.000040
GEC-4																	
12/15/03	200.7/6010	ND	0.007	ND	0.004	NA	--	0.0038	0.0005	NA	--	ND	0.0020	NA	--	ND	0.000040

TABLE 2C
SUMMARY OF GROUNDWATER ANALYTICAL DATA:
TOTAL METALS
248 Wyandanch Avenue
Wyandanch, New York
(unit, parts per million [ppm], mg/L)

Sample Identification	Analytical Method	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	SQL
MW-26R 12/15/03	200.7/601	NA	--	ND	0.050	ND	0.005	NA	--	0.019
TCE-1 1/29/98	3010/6010	1.7 E	--	ND	U 0.0020	ND	U 0.00061	NA	--	2.3 E
TCE-1 (SS) 11/18/98	NG	0.726	--	ND	U 0.0025	ND	U 0.00061	0.0309 B	--	1.41
PA-1 1/23/98	3010/6010	2.41	--	ND	UN --	ND	U --	NA	--	1.13 E
PA-2 1/23/98	3010/6010	14.8	--	0.0046 BN	--	0.0175	--	NA	--	3.18 E
PA-3 1/23/98	3010/6010	40.4	--	ND	UN --	ND	U --	NA	--	1.1 E
R4-6 4/6/99	3010/6010	0.013 B	--	ND	U 0.0040	ND	U 0.002	NA	--	0.130
Field Blank										
GEC-1 11/17/98	3010/6010	ND	0.0060	ND	N 0.0030	ND	0.001	NA	--	ND * 0.017
GEC-2 12/15/03	200.7/6010	NA	--	ND	0.050	ND	0.005	NA	--	0.015
GEC-3 12/15/03	200.7/6010	NA	--	ND	0.050	ND	0.005	NA	--	0.010
GEC-4 12/15/03	200.7/6010	NA	--	ND	0.050	ND	0.005	NA	--	0.023
GEC-4 12/15/03	200.7/6010	NA	--	ND	0.050	ND	0.005	NA	--	0.016

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Table 3
LOW FLOW
GROUNDWATER SAMPLING
Field Data
Watts Industries, Wyandanch, New York

Well Number	Sample Date	Instrument	Temp (°C)	Cond.	DO mg/L	% DO	pH	ORP	Comment
MW-1	12/22/03	---	---	---	---	---	---	---	Not Sampled
MW-2	12/22/03	YSI 600 XL	15.95	209	1.98	19.80	6.65	170.90	For Cr VI
	12/23/03	YSI 600 XL	16.43	233	0.15	1.50	6.50	181.2	
MW-3	12/22/03	YSI 600 XL	15.23	81	1.20	11.9	5.94	211.7	
MW-4	12/22/03	YSI 600 XL	14.31	144	1.20	13.5	6.25	245.9	
MW-5R	12/22/03	YSI 600 XL	12.93	168	0.24	2.3	6.26	-439.90	
MW-6R	12/22/03	YSI 600 XL	12.08	291	3.76	35.0	6.25	161.70	
MW-7	12/22/03	YSI 600 XL	13.52	402	2.29	22.0	5.77	126.60	
MW-8	12/22/03	---	---	---	---	---	---	---	Not Sampled
MW-9	12/22/03	---	---	---	---	---	---	---	Not Sampled
MW-10	12/22/03	YSI 600 XL	15.15	99	1.69	16.8	5.2	256.4	
MW-11	12/22/03	YSI 600 XL	15.05	233	0.16	1.6	4.87	266.2	
MW-12	12/22/03	YSI 600 XL	17.43	250	0.27	2.8	6.06	150.80	
MW-15	12/22/03	---	---	---	---	---	---	---	Not Sampled
MW-16	12/22/03	YSI 600 XL	17.91	284	13.36	144	6.61	-131.4	Odor
MW-17	12/22/03	YSI 600 XL	17.43	105	5.93	61.5	6.04	130.3	
MW-18	12/22/03	---	---	---	---	---	---	---	Not Sampled
MW-19	12/22/03	YSI 600 XL	17.53	239	0.82	8.8	5.67	184.7	Slight Sheen and Odor
MW-20	12/22/03	YSI 600 XL	17.3	217	1.74	18.2	5.65	227.4	
MW-21	12/22/03	YSI 600 XL	17.85	180	0.18	1.9	6.28	39.1	Initial water- rust, no odor
MW-23	12/22/03	YSI 600 XL	16.32	246	1.82	18.6	5.69	196.6	
MW-25	12/22/03	YSI 600 XL	14.72	97	2.96	29.5	5.86	236.4	
MW-26R	12/22/03	YSI 600 XL	12.93	276	0.23	2.20	6.26	-363.70	
GEC-1	12/22/03	YSI 600 XL	17.45	119	0.51	5.3	6.06	-134.2	
GEC-2	12/22/03	YSI 600 XL	17.45	58	0.22	2.3	5.68	-181.9	
GEC-3	12/22/03	YSI 600 XL	17.38	60	0.21	2.1	5.87	-84.3	
GEC-4	12/22/03	YSI 600 XL	17.79	418	0.31	3.3	6.55	-251.8	
GEC-5	12/22/03	YSI 600 XL	14.27	140	0.17	1.6	5.99	-224.5	



Goldman
Environmental
Consultants, Inc.
60 Brooks Drive
Braintree, MA

PROJECT

Jameco Industries, Inc.

444-408H

BORING LOG # G6 (15, 35) inside

Date 1/12/04

Sheet 1 Of 1

Boring Contractor New England GeoTech Boring Location Wyandanch Facilty fm. Cut Oil Release. Area

Foreman Bill Meadows Ground Elev. Weather V. Cold, overcast

GEC Engineer Richard Kranes Date Started 12/04/03 Date Completed 12/04/03

KEY

Cement Seal

Clean Backfill

Bentonite Seal

Sand Pack

Slotted Screen

DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A Lb. Fall N/A

Groundwater Readings

Measuring Point (M.P.) : Ground Level

Date	Depth from M.P.	Stabilization Time
------	-----------------	--------------------

Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/32	0-4	N/A	0-18" Dark grading to light Tan, f-m SAND, tr gravel 18-31" Tan (drk<) SILT and f SAND, v.coarse gravel @ 29-30	FILL		
5		2	48/31	4-8	N/A	0-31" Same as above	SAND		
10		3	48/36	8-12	N/A	0-36" Gray SAND, grades from f-m to m-c, tr-sm f-m gravel, tr. Coarse gravel Wet, slight solvent odor			
15									

End of Boring 12 feet.
No Monitoring Well Installed

**Goldman
Environmental
Consultants, Inc.
60 Brooks Drive
Braintree, MA**

PROJECT

Jameco Industries, Inc.

444-408H

BORING LOG #

G8 (20, 15) inside

Date 1/12/04

Sheet

1

Of

1

Boring Contractor New England GeoTech

Boring Location Wyandanch Facility fmr. Cut Oil Release. Area

Foreman Bill Meadows

Ground Elev. **Weather** V. Cold, overcast

GEC Engineer **Richard Kranes**

Date Started 12/04/03 **Date Completed** 12/04/03

KEY

Cement
Seal

Clean Backfill



Bentonite Seal



Sand Pack



DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A Lb. **Fall** N/A

Groundwater Readings

Measuring Point (M.P.) : Ground Level

Date**Depth from M.P.**

Stabilization Time

Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/37	0-4	N/A	0-28" Red-tan, f-m SAND, some silt, tr f-m gravel 28-29" v coarse gravel 29-37" Gray, f-m SAND and silt. No odor, compact, dry	FILL		
		2	48/40	4-8	N/A	0-32" Drk tan to lt. Gray-tan f SAND and SILT, compact 32-40" Lt gray-tan, f-c SAND, tr f. gravel	SAND		
		3	48/36	8-12	N/A	0-36" Same as above			
15									

End of Boring 12 feet.
 No Monitoring Well Installed

Boring Contractor New England GeoTech

Boring Location Wyandanch Facility fmr. Cut Oil Release. Area

Foreman Bill Meadows

Ground Elev. **Weather** V. Cold, overcast

GEC Engineer **Richard Kranes**

Date Started 12/04/03 **Date Completed** 12/04/03

KEY

Cement Seal



Clean Backfill



Bentonite Seal



Sand Pack



Slotted Screen



DRILLING METHOD:

Vibratory Hammer

Groundwater Readings

Measuring Point (M.P.) : Ground Level

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A **Lb.** **Fall** N/A

Date**Depth from M.P.**

Stabilization Time

Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/30	0-4	N/A	0-17" Tan, f-m SAND, with silt and tr. F-m gravel, loose 17-30" Tan SILT and f-m SAND, tr-sm f-m gravel, dry, no odor, compact	FILL		
	2	48/35	4-8	N/A	0-11" Dark tan, f-m SAND and silt, tr-sm f-m gravel 11-15" Lt tan, m SAND, loose 15-35" Dark tan, SILT and f-m SAND, tr f-m gravel, tr c. gravel, Damp, no odor	SAND			
5									
	3	48/40	8-12	N/A	0-6" Drk Tan, SILT and f SAND 6-10" Tan, f-m SAND, loose 10-13" Lt tan, m-c SAND, tr. Gravel 13-14" v. coarse gravel 14-23" Lt and dark banded tan m-c SAND, tr. F. gravel 23-28" Tan m-c SAND, some m-c gravel 28-40" Lt Tan m SAND, tr. M-c gravel Wet, no odor				
10									

End of Boring 12 feet.
No Monitoring Well Installed

[illegible]

Depth	Cas. Bl./ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/48	0-4	N/A	0-40" Lt tan. m SAND, some f-m gravel 15-36" Drk tan Same as Above Dry, no odor	SAND		
5		2	48/24	4-8	N/A	0-24" Same As Above with root matter damp			
10		3	48/36	8-12	N/A	0-14" Brown m-c SAND, some m gravel 14-36" Gray tan m-c SAND, tr f. gravel, iron stained, wet			
15									

End of Boring 12 feet.
No Monitoring Well Installed



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444-408H

BORING LOG #

L5 (5, 35) inside

Date 1/12/04

Sheet

1

Of

1

Boring Contractor New England GeoTech

Boring Location Wyandanch Facility Plating Area

Foreman Bill Meadows

Ground Elev. Weather Inside

GEC Engineer Richard Kranes

Date Started 12/03/03 Date Completed 12/03/03

KEY

Cement Seal

Clean Backfill

Bentonite Seal

Sand Pack

Slotted Screen



DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A Lb. Fall N/A

Groundwater Readings

Measuring Point (M.P.): Ground Level

Date

Depth from M.P.

Stabilization Time

Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/33	0-4	N/A	0-11" Tan, f-m SAND, some f-m gravel 11-19" Tan, f SAND, some m sand, tr-sm f-m gravel 19-21" Drk gray, SILT and f SAND, tr m. gravel 21-26" Drk tan, f-m SAND, tr. F gravel 26-33" Drk tan, m-c SAND with f-m gravel.	FILL		
5		2	48/43	4-8	N/A	0-15" Drk tan, SILT and f. SAND 15-40" Drk tan, f-m GRAVEL, 1" dark band, dark band @ 22" 40-43" Lgt tan, m SAND w/ med. gravel	SAND		
10		3	48/34	8-12	N/A	0-9" Drk tan, SILT and f SAND, f-m gravel 9-16" Tan, m-c SAND, w/ m-v C gravel 16-34" Tan m SAND, sm coarse sand, tr-sm, f-m gravel, grades coarse sand Wet at ~10' depth			
15									

End of Boring 12 feet.
No Monitoring Well Installed



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630-0010

BORING LOG # L5 (30,15) inside

Date 1/12/04

Sheet 1 Of 1

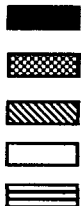
Boring Contractor New England GeoTech Boring Location Wyandanch Facility Degreasing Area

Foreman Bill Meadows Ground Elev. Weather Inside

GEC Engineer Richard Kranes Date Started 12/02/03 Date Completed 12/02/03

KEY

Cement Seal
Clean Backfill
Bentonite Seal
Sand Pack
Slotted Screen



DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A Lb. Fall N/A

Groundwater Readings

Measuring Point (M.P.) : Ground Level

Date	Depth from M.P.	Stabilization Time

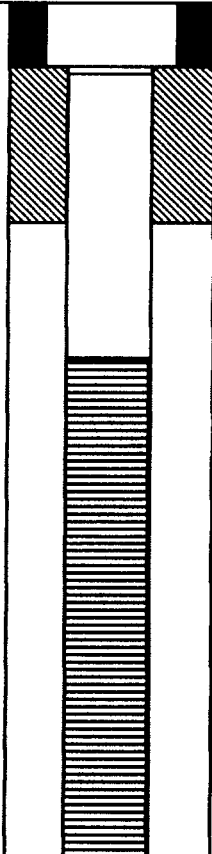
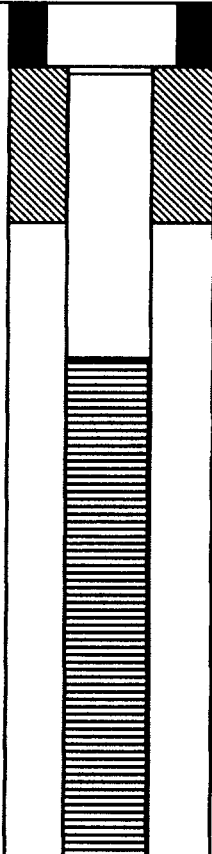
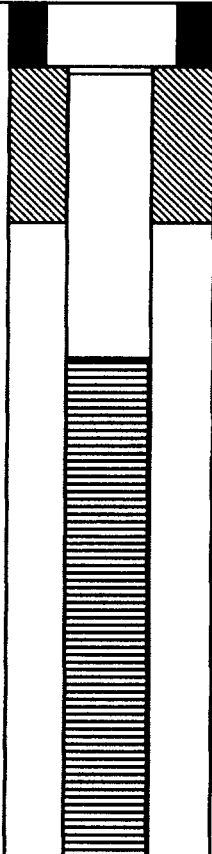
Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/33	0-4	N/A	0-21" Banded, Lt & drk tan, m-f SAND, tr fn. Gravel 21-33" Drk tan, SILT and f sand, tr-sm m-c gravel.	FILL		
5		2	48/32	4-8		0-26" Drk tan, SILT and f SAND, tr root matter. 26-32" Drk tan, SILT, tr f sand, tr organic roots	SAND		
10		3	48/40	8-12		0-21" Tan, m-c sand, tr-sm f-c gravel. 21-22" Tan f gravel 22-30" Lt. Tan, fine SAND Wet 30-40" Lt. Tan, c SAND and f gravel. wet			
15									

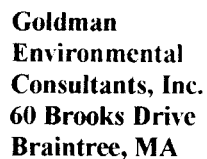
End of Boring 12 feet.
No Monitoring Well Installed

BORING LOG # L5 (30, 50)/GEC-4
Date 1/12/04
Sheet 1 **Of** 1

Boring Contractor	New England GeoTech	Boring Location	Wyandanch Facilitydy Plating Area		
Foreman	Bill Meadows	Ground Elev.		Weather	Inside
GEC Engineer	Richard Kranes	Date Started	12/02/03	Date Completed	12/02/03

<u>KEY</u> Cement Seal  Clean Backfill  Bentonite Seal  Sand Pack  Slotted Screen 		<u>DRILLING METHOD:</u> Vibratory Hammer	<u>Groundwater Readings</u> Measuring Point (M.P.) : Ground Level		
		<u>SAMPLER:</u> Type: 4-foot 1" ID acetate tube Hammer: <u> N/A </u> Lb. Fall <u> N/A </u>	Date	Depth from M.P.	Stabilization Time

Depth	Cas. Bl./ft.	SAMPLE			SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth				
0		1	48/37	0-4	N/A	FILL		
		2	48/47	4-8	0-13" Black and dark gray SAND with organic matter 13-20" Olive and black, fine SAND 20-36" Tan SILT and f. sand 36-47" Tan SAND	SAND		
		3	48/32	8-12	0-32" Tan SAND, with red coloring at 15-17" Wet at 9.5 foot depth	SAND		
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BORING LOG # O2 (15,10) inside
Date 1/12/04
Sheet 1 **Of** 1

Boring Contractor	New England GeoTech	Boring Location	Wyandanch Facility Degreasing Area		
Foreman	Bill Meadows	Ground Elev.		Weather	Inside
GEC Engineer	Richard Kranes	Date Started	12/01/03	Date Completed	12/01/03

KEY

Cement Seal



Clean Backfill



Bentonite Seal



Sand Pack



Slotted Screen



DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A **Lb. Fall** N/A

Groundwater Readings

Measuring Point (M.P.) : Ground Level

Date	Depth from M.P.	Stabilization Time
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Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/34	0-4	N/A	0-19" Brn. F-m SAND and SILT, tr. M. gravel. 19-34" Lt. Brn. F SAND and SILT, some f-c gravel dry, no odor	FILL		
		2	48/43	4-8	N/A	0-13" Lt brown, f-m SAND, w/ f gravel, round, drk hz. Strk. @ 6" 13-43" Tan, f SAND, trace fine gravel, damp, no odor	SAND		
5									
		3	48/43	8-12	N/A	0-39" Tan, m-c SAND, with M-c. Gravel, wet, no odor 39-43" drk brn/black, coarse GRAVEL, wet, no odor			
10									



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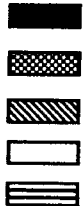
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BORING LOG # 03 (10, 10)/GEC-2
Date 1/12/04
Sheet 1 **Of** 1

Boring Contractor New England GeoTech **Boring Location** Wyandanch Facilty fmr. Cut Oil Release. Area
Foreman Bill Meadows **Ground Elev.** **Weather** V. Cold, overcast
GEC Engineer Richard Kranes **Date Started** 12/02/03 **Date Completed** 12/02/03

KEY

Cement Seal
Clean Backfill
Bentonite Seal
Sand Pack
Slotted Screen



DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A Lb. Fall N/A

Groundwater Readings

Measuring Point (M.P.) : Ground Level

Date	Depth from M.P.	Stabilization Time
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Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/36	0-4	N/A	0-15" Lt tan, m SAND, some f-m gravel 15-36" Drk tan Same as Above Dry, no odor			
5		2	48/48	4-8	N/A	0-14" Drk tan, Same As Above 14-27" Tan, m-c SAND and m-c GRAVEL 27-48" Drk. Tan, f. SAND, some silt and m sand, damp	SAND		
10		3	48/36	8-12	N/A	0-14" fall in from above 14-21" Tan, c. SAND and GRAVEL 21-36" Tan m SAND, iron stained, wet			
15									

End of Boring 12 feet. Monitoring well GEC-3 installed. 1" ID schedule 40 PVC to 16 feet. with 10-foot, 0.010" slotted screen.

Boring Contractor	New England GeoTech	Boring Location	Wyandanch Facility Plating Area		
Foreman	Bill Meadows	Ground Elev.		Weather	Inside
GEC Engineer	Richard Kranes	Date Started	12/01/03	Date Completed	12/01/03

KEY

Cement Seal



Clean Backfill



Bentonite Seal



Sand Pack



Slotted Screen



DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A **Lb.** **Fall** N/A

Groundwater Readings

Measuring Point (M.P.) : Ground Level

Date	Depth from M.P.	Stabilization Time
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Depth	Cas. Bl./ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/34	0-4	N/A	0-34" Banded, lt and med brown, f-m SAND, some silt, tr f-m gravel, semi-angular dry, no odor	FILL		
		2	48/31	4-8	N/A	0-31" lt tan, m+f sand with trace silt and f gravel, occasional m gravel damp, no odor	SAND		
		3	48/32	8-12	N/A	0-32" Tan, med. SAND, tr some f gravel, tr c gravel, occasional rust band, "red" inclusion at 28" Wet at 18", no odor			
		4	48/18	12-16	N/A	0-18" Rusty, v.coarse SAND and m-v.coarse gravel, Wet at 18", no odor			

End of Boring 16 feet. Monitoring well installed (GEC-1). 1-inch ID, 0.001 slot screen, 10-feet long.

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Depth	Cas. Bl./ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/37	0-4	N/A	0-4" Loam 4-17" Brown/tan, SILT & f SAND, 17-37" Gray-brown, f-m SAND, silt and gravel No odor	SAND		
		2	48/27	4-8	N/A	0-27" Gray f SAND and silt, tr-sm f-m gravel.			
		3	48/21	8-12	N/A	0-21" V.drk. Gray, fine SAND and silt, tr f-m gravel, occasional brick fragment			
10									
15						End of Boring 12 feet. No Monitoring Well Installed			



Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/24	0-4	N/A	0-11" Loam 11-20" Gray-tan, silt & f SAND 20-22" Gray-tan md. SAND 22-24" Rusty-tan f-m SAND dry, no odor	FILL		
		2	48/38	4-8	N/A	0-30" Tan, f-m SAND, grades coarser with depth, f-m gravel at end of sample. 30-36" Lt. Tan, m-c SAND, tr-sm f-m gravel 36-38" Drk. Tan, med. SAND Damp no odor	SAND		
5									
		3	48/36	8-12	N/A	0-16" Tan, f-m SAND, tr. Fine gravel. 16-32" Gray-tan, m-c SAND odor and stain. 32-36" V.Drk. Gray, f-m SAND, tr. F-m gravel. Strong odor and sheen			
10									
							End of Boring 12 feet. No Monitoring Well Installed		
15									

15

Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/40	0-4	N/A	0-6" Loam 6-17" Brown/tan, SILT & f SAND, 17-24" Brown f. SAND, tr Gravel. 24-40" Drk. Brown-black, f SAND, tr. F gravel at end, Black staining	FILL		
5		2	48/21	4-8	N/A	0-21" Drk gray-black, f-m SAND, some f. gravel, tr. Brick, Slight odor			

Boring Contractor	<u>New England GeoTech</u>	Boring Location	<u>Wyandanch Facilty fmr. Cut Oil Release. Area</u>		
Foreman	<u>Bill Meadows</u>	Ground Elev.		Weather	<u>V. Cold, overcast</u>
GEC Engineer	Richard Kranes	Date Started	12/02/03	Date Completed	12/02/03

KEY

Cement Seal
Clean Backfill
Bentonite Seal
Sand Pack
Slotted Screen



DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A **Lb.** **Fall** N/A

Groundwater Readings

Measuring Point (M.P.) : Ground Level

Date	Depth from M.P.	Stabilization Time
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Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/32	0-4	N/A	0-22" Loam and FILL dry, no odor	FILL		
						22-32" Tan, f-m SAND Dry, no odor			
5		2	48/28	4-8	N/A	0-17" Gray-tan, f-m SAND 17-19" Rust stained, f-m SAND tr. Fine gravel. 19-28" Lt. Gray/tan, f-m SAND, tr f. gravel. damp, no odor	SAND		
10		3	48/32	8-12	N/A	0-4" Gray-tan, f-m SAND, tr f gravel. 4-32" Gray, m-c SAND, some m Gravel, very coarse gravel last 4" with heavy rust staining Wet, Strong petroleum odor	End of Boring 16 feet. Monitoring well installed (GEC-5). 1-inch ID, 0.001 slot screen, 10-feet long.		
15		4	48/40	12-16	N/A	0-14" Rusty, m-c SAND with f-c gravel 14-19" fine tan SAND. 19-30" m-c SAND, some f-c gravel. Strong odor 30-40" Tan, f-m SAND			

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BORING LOG # H9 (30,40) outside

Date 1/12/04

Sheet 1 Of 1

Boring Contractor New England GeoTech Boring Location Wyandanch Facility fmr. Cut Oil Release Area

Foreman Bill Meadows Ground Elev. Weather V. Cold, overcast

GEC Engineer Richard Kranes Date Started 12/03/03 Date Completed 12/03/03

KEY

Cement Seal
Clean Backfill
Bentonite Seal
Sand Pack
Slotted Screen



DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A Lb. Fall N/A

Groundwater Readings

Measuring Point (M.P.): Ground Level

Date	Depth from M.P.	Stabilization Time
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Depth	Cas. Bl./ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/36	0-4	N/A	0-6" Loam 6-17" Brown/tan. SILT & f SAND, tr f-m gravel, brick pieces 17-24" Lt. Tan. m-c GRAVEL 24-36" Bands of drk gray and tan SAND and silt odor	FILL		
5		2	48/32	4-8	N/A	0-12" Tan f. SAND grade to m-c sand w/ gravel. 12-25" Tan m-c SAND 25-32 Drk tan. f-m SAND	SAND		
10		3	48/36	8-12	N/A	0-36" Gray, m-c SAND, f-m gravel. Strong odor and sheen			
15									

End of Boring 12 feet.
No Monitoring Well Installed



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BORING LOG # J9 (5, 10) outside

Date 1/12/04

Sheet 1 **Of** 1

Boring Contractor New England GeoTech **Boring Location** Wyandanch Facly fmr. Cut Oil Release. Area

Foreman Bill Meadows **Ground Elev.** **Weather** V. Cold, overcast

GEC Engineer Richard Kranes **Date Started** 12/04/03 **Date Completed** 12/04/03

KEY

Cement Seal
Clean Backfill
Bentonite Seal
Sand Pack
Slotted Screen



DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A Lb. Fall N/A

Groundwater Readings

Measuring Point (M.P.) : Ground Level

Date **Depth from M.P.** **Stabilization Time**

Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/30	0-4	N/A	0-12" Drk. Brown LOAM 12-13" C GRAVEL 13-20" Lt brown SILT and f SAND, increased sand with depth, firm, occasional large gravel, Dry, no odor	FILL		
	2	48/38	4-8	N/A	0-23" Same as above 23-25" Gray-tan, SILT and f SAND 25-26" M-c GRAVEL 26-38" Lt tan m SAND, tr-sm f-c sand, tr. F-m gravel, loose Damp, no odor	SAND			
5									
	3	48/38	8-12	N/A	0-14" Lt Tan, m SAND, tr f-m gravel, loose, wet 14-16" V coarse GRAVEL 16-38" Gray-tan, m-c SAND, tr-sm f-m gravel, Wet, odor and black stain @ 32-38"				
10									



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BORING LOG # J9 (15, 5) outside

Date 1/12/04

Sheet 1 **Of** 1

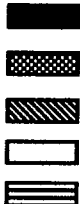
Boring Contractor New England GeoTech **Boring Location** Wyandanch Falty fm. Cut Oil Release. Area

Foreman Bill Meadows **Ground Elev.** **Weather** V. Cold, overcast

GEC Engineer Richard Kranes **Date Started** 12/04/03 **Date Completed** 12/04/03

KEY

Cement Seal
Clean Backfill
Bentonite Seal
Sand Pack
Slotted Screen



DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A Lb. Fall N/A

Groundwater Readings

Measuring Point (M.P.) : Ground Level

Date	Depth from M.P.	Stabilization Time
------	-----------------	--------------------

Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/48	0-4	N/A	0-48" Drk brown, SILT and f. sand, tr-sm f-c gravel @ 11-12" concrete chunk	FILL		
5		2	48/36	4-8	N/A	0-5" Same as above 5-6" concrete 6-36" Brown, SILT and f. SAND, some f-m gravel, Dry, no odor	SAND		
10		3	48/31	8-12	N/A	0-6" Same as above 6-22" Dark tan, SILT and f. SAND, tr f-m gravel Wet, petroleum odor 22-36" Gray SILT, some f sand, tr. M. sand Black staining and odor			
15									

End of Boring 12 feet.
No Monitoring Well Installed



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BORING LOG # J9 (30, 15) outside

Date 1/12/04

Sheet 1 Of 1

Boring Contractor New England GeoTech Boring Location Wyandanch Facilty fmnr. Cut Oil Release. Area

Foreman Bill Meadows Ground Elev. Weather V. Cold, overcast

GEC Engineer Richard Kranes Date Started 12/04/03 Date Completed 12/04/03

KEY

Cement Seal
Clean Backfill
Bentonite Seal
Sand Pack
Slotted Screen



DRILLING METHOD:

Vibratory Hammer

SAMPLER:

Type: 4-foot 1" ID acetate tube

Hammer: N/A Lb. Fall N/A

Groundwater Readings

Measuring Point (M.P.) : Ground Level

Date	Depth from M.P.	Stabilization Time
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Depth	Cas. Bl/ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/26	0-4	N/A	0-7" Brown loam 7-12" Tan SILT and f. SAND, tr. M sand, root matter, black lenses of burnt matter. 12-13" C. Gravel 13-17" lt. Tan SAND 17-19" root matter 19-26" Tan, SILT and f-m SAND, loose	FILL		
5		2	48/35	4-8	N/A	0-23" Tan, f-m SAND with silt, color grades from Tan to lt. Tan with depth 23-24" Med. GRAVEL 24-35" Lt. Tan, m SAND, loose, tr f-c gravel, Damp no odor	SAND		
10		3	48/38	8-12	N/A	0-38" Lt Tan, m SAND, tr-sm f-m gravel, Wet, no odor			
15									

End of Boring 12 feet.
No Monitoring Well Installed



444-408H

Sheet **1** **Of** **1**

GEC Engineer	Richard Kranes	Date Started	12/03/03	Date Completed	12/03/03
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Depth	Cas. Bl./ft.	SAMPLE				SAMPLE DESCRIPTION	Strata change	WELL CONSTRUCTION	SCREENING PPM (PID)
		No.	Pen./Rec.	Depth	Blows/6"				
0		1	48/34	0-4	N/A	0-6" Loam 6-34" Tan, f-m SAND, trace to some f-m gravel, grades to drk. Gray with depth. Occasional piece of concrete dry, no odor	FILL		
5		2	48/18	4-8	N/A	0-18" Gray/black, stained SAND and gravel with slight septic odor	FILL		
10		3	48/22	8-12	N/A	0-22" Same as above, wet with septic odor	FILL		
15									

End of Boring 12 feet.
 No Monitoring Well Installed

**End of Boring 12 feet.
No Monitoring Well Installed**

Standard Operating Procedure Completion of Field Notes

This protocol is designed to ensure that proper techniques are used during the collection and preparation of field notes. Field notes are collected in field notebooks, which are often the only source of "first hand" information regarding activities that were conducted at a site. Field notes may be called into a court of law; therefore, it is imperative that field notes be maintained in a thorough and proper manner.

All field notes should be completed in a waterproof notebook and should not be completed on loose sheets of paper that might get lost or misplaced. All field notes should be completed in permanent ink, rather than pencil and should be neat and orderly. Use of a pencil for collection of field notes is acceptable only in extremely poor weather conditions. All field notes taken during the field activities should be photocopied immediately after completion of the activities and placed in the project file to preserve a permanent record of the activities. In addition, when conducting field activities, the following information should also be collected:

- the date and time of the field activities (both the start and the finish time) including the time that certain "milestones" are achieved;
- weather conditions on the day of the field activities (in some cases it may also be appropriate to include the weather conditions for the previous day, such as when a heavy snow fall has occurred);
- the names and affiliations of all personnel involved in the field activities;
- the purpose of the field activities (e.g., groundwater sampling, site inspection, UST removal);

The field notes should accurately reflect a chronology of the activities that were conducted at the site. The following are examples of information that should be included in the field notes, but might not be applicable in all situations:

- the time that subcontractors, clients, police details, consultants or other persons arrived and left the site;
- a general site sketch indicating the approximate location of groundwater observation wells to be sampled, borings to be installed, test pits to be performed, utilities to be located or suspected underground storage tanks, abutters (Note: site sketches should be included even when a site plan has been provided. If a site sketch is not feasible, the site plan that is being used to locate structures should be referenced);
- reference to any other documents that are completed during the course of the site activities that may include additional information not included in the field book, including: Chain of Custody forms; Test Boring Reports; Test Pit Reports; Manifests and calibration log books;
- specific site sketch indicating areas where snow cover, vehicles, debris or other obstructions may have limited site inspection, sampling or otherwise prohibited the completion of activities;
- where and when field instruments (e.g., PID, OVA) are being used, all calibration and sampling/screening conditions should be logged;
- any unsafe conditions observed by GEC personnel and presented to on-site personnel or subcontractors;
- observations made during site inspections or field activities including, but not limited to: the locations of stained soils or stressed vegetation; noticeable odors; the presence of nonaqueous-phase liquid.

It is the responsibility of each GEC employee to maintain his/her own field book. All field books are the property of GEC and in the event that the employee terminates employment with GEC the field books are to remain at GEC.

**Standard Operating Procedure
Field Sampling Protocols
Quality Assurance/Quality Control**

The purpose of the GEC QA/QC program is to generate analytical data that is of known and defensible quality. These procedures apply to all projects in which sampling is involved. QA/QC from one project is not transferable to another.

Decontamination

- 1) Decontamination should be performed on all reusable field sampling equipment and protective gear. Sampling equipment should be decontaminated before the collection of a sample and after sampling has been completed. Protective gear should be decontaminated after the collection of a sample.
- 2) It is necessary to use the following decontamination solutions in the field:
 - Non-phosphate detergent plus tap water wash.
 - Distilled/ deionized water rinse.
 - 10% Nitric Acid rinse.*
 - Methanol rinse, when sampling volatiles only.
 - Acetone then hexane rinse.**
 - Distilled/ deionized water rinse. **

* Only if sample is to be analyzed for metals.
** Only if sample is to be analyzed for semi-volatile organics, PCBs or pesticides.
- 3) Sample bottles and sampling equipment should not be stored near gasoline, solvents, or other potential sources of contamination. If unavoidable bottles and equipment should be sealed in containers or plastic.
- 4) Heavy equipment, including hand tools, should be cleaned by steam cleaning or manual scrubbing prior and subsequent to use in hazardous waste investigations.

Measures or Quality Control/Quality Assurance

- 1) Trip Blanks
 - Trip blanks are used in order to detect additional sources of contamination that might affect analytical results. The following are potential sources of additional contamination:
 - a. Sample containers,
 - b. Contamination during shipment to and from the site,
 - c. Ambient air contact with analytical instrumentation at the laboratory during analysis,
or
 - d. Laboratory reagent used in analytical procedures.
 - One trip blank is required for every set of samples sent to the lab regardless of job size. Generally, the trip blank should be for VOCs. If, however, VOCs are not a parameter of the sampling round, consult the laboratory as to which parameter should have an associated trip blank.

- Trip blanks are to be kept with containers used in the sampling round at all times. More specifically, they should accompany the site specific sampling containers from the time the containers leave the laboratory until they are returned for analysis.
- Obtain containers and trip blanks prepared specifically for each job from the laboratory. Return unused containers to the laboratory upon completion of a project.

2) Field Blanks

- Field blanks are used to indicate potential contamination contracted from ambient air or from sampling equipment. It also serves as a QA/QC for decontamination procedures.
- Collect one set of field blanks for every 20 samples per project. It is not necessary to take a field blank for jobs in which less than 10 samples are collected.
- Procedure
 - a. Collect two sets of sample containers to cover all sampling parameters. One set will be full of analyte free water (obtain extra analyte free water to fill two VOA vials). The other set is empty.
 - b. Go to the most contaminated area and run the water from the full containers, through the decontaminated sampling equipment and into the associated empty containers.
 - c. Send to the lab for analysis.
- Use containers and field blanks prepared specifically for job.

3) Duplicate Samples

- Duplicate samples are collected in order to serve as a laboratory check. Therefore, it is important that the lab does not know which samples are to serve for this purpose.
- Frequency
 - a. Obtain one (1) duplicate sample for every 10 samples of each matrix. If less than ten samples are collected of a given matrix, a duplicate must be collected anyway.
 - b. If a total of less than 10 samples are collected, collect one (1) duplicate of the majority medium.
 - c. If a total of less than five (5) samples are collected, it is not necessary to collect a duplicate sample.
- * Note that the frequency as outlined here pertains to the number of samples collected per project, not per location of a given project.
- Procedures

The idea behind the duplicate sample is to collect two samples as close to identical as possible.

a. For water

Alternately fill containers for the same parameter with equal amounts of liquid per bailer. Fill duplicate VOC vials from the same bailer of liquid.

b. For soil

- VOC samples must be taken from the discreet sampling locations.
 - For all other samples, mix the applicable soil in a decontaminated stainless steel or polyethylene bowl or tray. Then fill sample containers with the soil mix.
 - When confronted with the option of collecting a water sample or a soil sample, choose the water sample.
- Labeling for the laboratory
 - a. Label the containers normally and give the duplicate samples different reference numbers.
 - b. Indicate the quantity of duplicates in the "special instructions" or "remarks" portion of the chain of custody and laboratory services sheet, however, do not indicate the reference numbers of the duplicates.
 - c. Upon receipt of analytical results, contact the laboratory and convey all data pertaining to the duplicates for their QA/QC.
- 4) Background samples
- Background samples are taken only if it is required for comparison of site conditions to the surrounding environment. This is to be dictated by client needs on a site to site basis.
- 5) Performance Evaluation Samples
- The project manger should consider the use of the following performance evaluation samples on a periodic basis. Typically, these will be reserved for larger jobs:
 - a. Laboratory performance evaluation samples
 - Collect duplicate samples and send to two different laboratories for comparison. Avoid using soil samples for this procedure.
 - Send a sample of known quantity and quality to the laboratory in order to determine laboratory performance. Such samples can be prepared by any laboratory.
 - b. Gas chromatograph (GC) performance evaluation samples
 - Acquire a sample of known quantity and quality from a laboratory. Analyze the sample with the gas chromatograph in order to determine the integrity of GC results.

Field Sampling QA/QC

- 1) When sampling a well, collect VOA samples first and Oil & Grease samples last.
- 2) Start sampling at the presumed least contaminated areas, proceeding to the more contaminated areas.
- 3) Preservatives
 - Consult the laboratory in order to determine which sampling parameters require preservatives. The laboratory will provide sampling containers specific for each job.
 - It is necessary to fill the sample container when using preserved bottles; preservative is added with this assumption
 - If samples are not collected correctly, they will not pass GEC QA/QC.

- 4) A chain-of-custody must accompany each set of samples from the job site to the laboratory. Be sure to identify the presence of trip blanks on the chain-of-custody sheets.
- 5) If possible, use the numbering system outlined on the attached sheet for identifying samples.

Ordering Sample Containers

- 1) Pre-plan sampling strategy to determine the sample parameters, the number of sample points including QA/QC samples, and the matrix of the given sample points.
- 2) Call laboratory and tell them:
 - Sample parameters,
 - Number of samples to be collected,
 - The number of container sets needed for trip blanks, field blanks, and duplicates, and
 - The matrix of each sample to be collected.
- 3) Sample containers should be ordered specifically for each job. Any sample containers unused at the end of the job should be sent back to the laboratory.

Conclusions

- 1) Pre-planning is crucial.
- 2) Keep open communication with the laboratory on all matters.
- 3) If you make a mistake in sampling collection, accept it, and retake the necessary samples.

Standard Operating Procedure Boring/Well Installation

This protocol is designed to insure that proper techniques are used, safety is considered, and quality assurance maintained during soil boring and well installation.

- DIGSAFE, municipalities and the owner are contacted prior to any soil boring or well installation to minimize chances of damaging underground utilities (DIGSAFE contacts utility companies to mark the location of utilities to the site). The Geologist or Inspector surveys the site visually for markings delineating the location of underground utilities. If warranted, the inspector modifies the drilling program to compensate for field conditions.
- The Geologist or Inspector continuously monitors all drilling activities and is responsible for maintaining independent field notes, well logs and ensuring that proper procedures are followed.
- Drilling equipment is steam cleaned prior to use in any boring and between borings (if necessary), to minimize potential cross contamination. At a minimum the following pieces of equipment are steam cleaned: augers, cutting heads, samplers, drill rods, and forks. The working end of the drill rig is also cleaned and inspected for evidence of hydraulic fluid or diesel fuel leaks.
- Subsurface soil samples are collected at a minimum of five foot intervals in accordance with standard ASTM methods for split spoon sampling. After logging soil characteristics, samples are collected. Two samples are placed in clean jars with an aluminum bladder below the lid for head space screening. Soil sample screening is performed in accordance with the GEC Jar Headspace Screening procedure. Samples with elevated readings (< 10 ppm) soil are quickly transferred into two clean VOA vials with Teflon liners. The vial is half filled and soil particles are removed from the lip of the vial to assure a proper seal with the lid. All samples are labeled in accordance with the GEC standard labeling identification system and handled/stored in compliance with USEPA protocols.
- The split spoon sampler is decontaminated in accordance with GEC's Decontamination Protocol after sample retrieval and it is steam cleaned between borings. The Geologist may increase the frequency of steam cleaning as necessary.
- All cuttings from drilling remain on the subject property. If cuttings are designated as uncontaminated fill, via headspace screening, and the boring is not completed as a monitoring well the cuttings are used as backfill.
- Monitoring well screens are set to depths adequate for the required sampling. Monitoring wells are typically constructed with a silica sand filter surrounding and extending a few feet above the screen. The screen extends at least one to two feet above groundwater. The riser extends from the top of the screen to ground level, has a bentonite pellet seal above the screened interval, a cement seal and protective cover at the surface. No glues or solvents are employed in the well construction.
- Soil Logs are to be maintained by the Geologist and should contain the following:
 - Date and Location of boring/well
 - Drilling contractor
 - Job number
 - Depth of sampling
 - Boring number
 - Depth to well point.
 - Soil description includes; soil colors, grain size from greatest percentage to lowest, rock fragments, obvious fill constituents, staining, and odor if obvious.
 - Changes in soil strata and elevation of the water table are also noted.

Standard Operating Procedure Soil Sample Collection

This protocol is designed to ensure that proper techniques are used, safety is considered, and quality assurance is maintained during the performance of soil sampling activities. A GEC representative is assigned to oversee and/or perform all soil sampling for the project. The duties of the representative are to ensure that the scope of work is followed.

The sampling of soil is central to the characterization of confirmed and potential hazardous waste disposal sites, and to the handling and disposal of contaminated soils. It is, therefore, essential that proper techniques are employed during the soil sampling procedure.

Prior to initiating any work, the Health and Safety Plan (HASP) developed for the specific site activities should be reviewed by all field personnel. The indicated measures on the HASP should be enacted prior to initiation of the sampling activities. Any concerns not addressed in the HASP are to be brought immediately to the attention of the Health and Safety Officer. Personnel participating in the sampling will dress with protective equipment appropriate for the anticipated conditions.

Boring and Well Installations

During boring and well installations, soil samples will be collected using a 2-foot stainless steel split-spoon sampler, which will be driven ahead of the lead auger or drill bit by the drilling contractor. The following procedure will be executed to collect soil samples during the installation of borings or wells:

- Decontaminate the split-spoon sampler in accordance with the GEC Decontamination Protocol, and give the spoon to the driller(s). Site specific conditions may warrant the use of additional decontamination steps.
- As the driller(s) drive the spoon ahead of the lead auger/drill bit, count and record the number of blows administered for every 6-inches of spoon penetration.
- After the driller(s) remove the spoon from the boring and open the spoon, classify the soil type and other observable physical characteristics, i.e., odors, staining, etc.
- Remove soil from different parts of the spoon and fill two clean glass drilling jars so that approximately one half the volume of each jar is occupied by loose soil.

Attempts to collect soil samples will be made at the surface and at 5-foot intervals as the borings are advanced (unless sampling at higher frequencies is required) by driving the split-spoon with a 140 lb. hammer. Blow counts per 6" of spoon penetration will be recorded by the inspector. Each soil sample will be classified and the length of the soil sample recovered by the split-spoon will be measured in inches by the inspector.

Headspace screening will be conducted in accordance with the GEC Headspace Screening Protocol. Soil not used during headspace screening should be stored on ice in labeled clean glass jars with teflon septa so that chemical analyses may be performed.

The split-spoon sampler will be cleaned in accordance with the GEC Decontamination Protocol between each sampling attempt.

Soil Sampling for Chemical Analyses

All soil samples intended for laboratory analyses will be stored on ice.

- **Volatile Organic Compounds:**
Place soil sample tightly into duplicate 40 mL clean glass vials using clean tounge depressors. Minimize the amount of pebbles and stones placed into the vials. Label each vial so that the sample location, date, and time are clearly shown.
- **Total Petroleum Hydrocarbons, Petroleum Scan, Total Metals, Pesticides/ Herbicides, PCBs:**
Place soil sample tightly into duplicate 8 oz. clean glass jars using clean tounge depressors. Label each vial so that the sample location, date, and time are clearly shown.

Sample tools shold be decontaminated according to QA/AC procedures, as appropriate.

Soil Excavations and Stockpiling

Collecting soil samples from stockpiles and excavated soil should be conducted so that representative samples are obtained. A clean shovel or similar tool should be used to obtain soil from below the surface of the stockpile where concentrations volatile organics and other compounds may be reduced due to weathering. Techniques for soil stockpile sampling and headspace screening are the same as described in the Boring and Well Installation section, except that no split-spoon is used. Decontamination procedures will be the same as those discussed above and in the GEC Decontamination Protocol document.

Standard Operating Procedure Soil Sampling via Test Boring

Soil samples collected during the performance of test borings will, in most cases, either involve collection of grab samples directly from the auger flights, or "undisturbed" samples with an appropriate sampler. Clearly, soil samples can be most easily recovered directly from the auger flights as the soil cuttings are brought to the surface, however, it should be understood that this technique does not provide an undisturbed sample and the actual depth from which the sample is collected is not known. The preferable method of sample collection for most purposes utilizes a split barrel core (or split spoon) sampler which can be used to obtain samples of unconsolidated material from discrete depths with reasonable accuracy. Note: the top few inches of the split spoon sample may include displaced cuttings which managed to get inside the hollow auger. Field personnel should be aware of this and exclude this portion of the spoon contents from the collected sample.

Auger Samples:

1. Samples are collected off the auger flight using the actual sample container or a clean instrument such as a spoon or spatula. Care must be taken when collecting the sample from the augers to avoid material which is obviously not from the sampling horizon of interest (i.e. pavement in soil zones which are definitely not fill). Standard Operating Procedures which may be specific to the sample containers and the intended purpose of the sample (i.e. chemical analyses, PID screening) should be followed. Collect at least one sample in a clean 8 oz. glass jar (half filled) for PID screening and should be sealed and treated in an appropriate manner. Collect a second sample off the auger insuring that both samples are as close to identical in content samples as possible. This second sample should be used in describing the sediment characteristics.
2. Make a note of the appropriate depth of the augers in order to approximate depth of sample. With a sharp writing instrument, or permanent marker record the project number, boring number, sample number, estimated depth of sample and sample method (e.g. AUG for auger samples) on the top of the jar first jar. This jar should then be stored in a safe container (cooler or cardboard box) for later transport or set aside for PID screening.
3. Carefully examine the contents of the second jar to determine the lithology, i.e. the mineralogy, texture, sorting, moisture and color characteristics of the sediment sample. A complete and accurate description of the sediment sample should be recorded on the Test Boring Report, including the sediment characteristics, depth from which sample was recovered, collection method, and any notable features associated with the sample. Include the results of PID screening on the Test Boring Report.
4. Once a complete and accurate record of the sediment characteristics has been recorded on the Test Boring Report, the second soil sample may be discarded and the glass jar rinsed with water and dried. This glass jar may be reused to contain subsequent samples for sample characterization. Glass jars used for any purpose other than sediment description should not be reused.

Split-Spoon Samples:

1. Upon retrieving the split spoon, examine the tip of the sampler, ensuring that any material collected in the tip of the sampler is not discarded. After opening the sampler, examine the spoon contents for visually notable features (i.e. lithology, mineralogy, texture, sorting, packing, stratigraphic horizons, color changes, staining). Examine the spoon to determine if any well cuttings were inadvertently collected in the sampler and remove these cuttings if possible.

2. Using a clean spoon or spatula, half fill a clean 8 oz. glass jar with three to five sub-samples which represent the spoon contents. Quickly cover the top of the jar with one or two sheets of clean aluminum foil and subsequently apply the screw cap to tightly seal the jar. With a sharp writing instrument, or permanent marker record the project number, boring number, sample number, estimated depth of sample, estimated recovery, and sample method (e.g. AUG for auger samples) on the top of the jar first jar. This same information, as well as the depth of penetration, sample recovery and blow counts per six inches, should be recorded on the Test Boring Report. Collect a second sample from the sampler insuring that both samples are as close to identical samples as possible. This second sample should be used in classifying the sediment characteristics of the sample. In the event that two or stratigraphic horizons are observed, it may be desirable to collect additional samples from each of these horizons. The sampler should be thoroughly examined and rinsed to ensure that potential contaminants do not remain on the spoon prior to being reassembled and returned to the driller.
3. Carefully examine the contents of the second jar to determine the lithology, mineralogy, texture, sorting, and packing (if possible) characteristics of the sediment sample. A complete and accurate description of the sediment sample should be recorded on the Test Boring Report, including the sediment characteristics, depth from which sample was recovered, collection method, and any notable features associated with the sample.
4. Once a complete and accurate record of the sediment characteristics has been recorded on the Test Boring Report, the second soil may be discarded and the glass jar rinsed with water and dried. This glass jar may be reused to contain subsequent samples for sample characterization. Glass jars used for any purpose other than sediment description should not be reused.

Upon completion of test boring, samples should be packed in a cooler or cardboard box, or other appropriate container, for transport. Prior to transportation, care should be taken to insure that the glass jars are tightly sealed, to prevent spillage of contents, and that the jars will not be broken during the transportation. The box should be labeled on either of the end with the project number, location, date, boring numbers, and the name of the inspector. .

Standard Operating Procedure Decontamination Procedures for Field Equipment

All field equipment (bailers, well sounder, gloves, etc.) must be decontaminated before each use, between samples and before it is returned to the equipment room. Decontamination procedures vary for the type of analyses to be performed. The following basic procedures should always be used to decontaminate equipment regardless of the type of analysis:

- 1) Scrub equipment with soapy water (Liquinox, Alconox, trisodiumphosphate or equivalent).
- 2) Rinse with tap water, if available.
- 3) Rinse with deionized water from green spray bottle.

For Metals, perform the following additional procedures:

- 4) Rinse with 10% nitric acid (HNO_3).
- 5) Final rinse with deionized water.

For base/neutral/acid extractables, PCB's and pesticides perform the following, additional procedures:

- 4) Rinse with acetone and let dry.
- 5) Rinse with hexane and let dry.
- 6) Final rinse with deionized water.

For Volatile Organics and all other analyses, perform the following additional procedures:

- 4) Rinse with methanol.
- 5) Final rinse with deionized water

NOTE: When sampling for more than one of the above types of analyses, use the protocol for volatile organics last.

Solvent use should be gauged carefully so that a minimal amount of solvent is left after use. Allow any remaining solvent to evaporate.

Standard Operating Procedure Observation Well Sampling Using a Low Flow Sampler

This protocol is designed to ensure that proper techniques are used, safety is considered, and quality assurance maintained during the performance of observation well sampling using low-flow techniques. A GEC representative is assigned to oversee and/or perform all observation well sampling for the project. The duties of the representative are to ensure that the scope of work is followed.

Sampling of groundwater observation wells using low-flow techniques is the primary means by which the chemical characteristics of groundwater can be determined in an accurate, representative, and repeatable manner. Therefore, it is imperative that care be taken in the development and subsequent sampling of observation wells. Low-flow sampling is considered an improvement over other techniques (e.g., bailers) that may unnecessarily agitate the sediment, enhance colloidal transport, and otherwise misrepresent contaminant levels.

Procedures for performance of groundwater observation well evacuation and sampling using low-flow techniques are outlined in the following paragraphs:

Well Evacuation and Sampling:

- 1) Prior to initiating any work the Health and Safety Plan, developed for the specific site activities, should be reviewed by all field personnel. The indicated measures on the Plan should be enacted prior to initiation of the sampling activities. Any concerns not addressed in the Plan are to be brought immediately to the attention of the Health and Safety Officer. Personnel participating in the sampling will dress with protective equipment appropriate for the anticipated conditions.
- 2) Decontaminate all equipment to be used in the performance of the activities in accordance with the protocol for decontamination. Decontamination should at least be performed by alternately rinsing all equipment with methanol and distilled water and vigorously scrubbing the equipment with a clean brush.
- 3) To the extent that contamination may be known at a given site, observation wells should be sampled in an order from "least contaminated" to "most contaminated".
- 4) Screen the well headspace with a photoionization detector (PID) or other appropriate instrumentation to confirm that concentrations of potential contaminants are within acceptable limits.
- 5) Test the well for accumulation of non-aqueous phase product (NAPL) using a pre-cleaned interface probe or transparent disposable bailer. If present, collect a sample of the NAPL and place in an appropriate sample container. This sample should be kept away from other samples.
- 6) Measure and record the depth to NAPL(if present) and depth to water. If NAPL is present, sampling for dissolved-phase contaminants should generally not be performed. In addition, if sampling is to be performed, appropriate measures should be taken to assure that any water removed from a contaminated well is disposed appropriately.
- 7) Historic measurements should be utilized to determine the total depths of wells. If a historic measurement is not available, total depth of the well should be gauged to determine the appropriate placement of the variable-speed low-flow sampling pump (pump). Gently lower the pump into the well to a point approximately half way between the top of the measured water elevation and the bottom of the well. If the water level in the well is situated above the top of the screened interval then the pump should be located half way between the top and the bottom of the screened interval. Tie the pump off at the appropriate depth to eliminate further disturbance of the water column.
- 8) Begin pumping the well at a rate no greater than 0.5 liters per minute (roughly 0.13 gallons or approximately two cups per minute). Provided there is ample room to measure depth to water after placement of the pump down the well, water levels should be monitored on a continuous basis. Drawdown of the water column should

not exceed 0.1 meters. The pumping rate should be adjusted accordingly, based on water column drawdown. If the water level drops more than 0.1 meters, the pumping rate should be decreased.

- 9) Continuously monitor groundwater parameters including pH, temperature, specific conductance and dissolved oxygen (DO). In some situations it may also be appropriate to monitor turbidity. Record geochemical parameters at the onset of purging, five minutes into purging, and at roughly one-minute intervals thereafter. In some cases longer intervals may be appropriate.
- 10) Purging should continue until geochemical parameters have stabilized. Stabilization shall be considered to have occurred when three consecutive measurements do not vary more than approximately 20% and visual and olfactory characteristics of the purged water do not change appreciably.
- 11) Record final geochemical parameters.

Well Sampling:

- 1) Samples at any given well will be collected in order of decreasing order of sensitivity to volatilization (i.e. VOC, total organic carbon, semi-volatile organics (BNA), ammonia, PCBs, pesticides, oil and grease, phenols, cyanide, sulfate and chloride, nitrate and ammonia, metals, and radionuclides)
- 2) Carefully fill sample containers directly from the pump discharge to the appropriately preserved, pre-labeled containers. Check that the sample containers seal properly and that the cap is sealed tightly. Record applicable information in the field logbook and complete all chain-of-custody documents.

Following Well Sampling

- 1) Gauge depth to bottom of well.
- 2) Decontaminate all equipment utilized during well purging and sampling, prior to gauging/sampling next well.

Standard Operating Procedure Boring/Well Installation

This protocol is designed to insure that proper techniques are used, safety is considered, and quality assurance maintained during soil boring and well installation.

- DIGSAFE, municipalities and the owner are contacted prior to any soil boring or well installation to minimize chances of damaging underground utilities (DIGSAFE contacts utility companies to mark the location of utilities to the site). The Geologist or Inspector surveys the site visually for markings delineating the location of underground utilities. If warranted, the inspector modifies the drilling program to compensate for field conditions.
- The Geologist or Inspector continuously monitors all drilling activities and is responsible for maintaining independent field notes, well logs and ensuring that proper procedures are followed.
- Drilling equipment is steam cleaned prior to use in any boring and between borings (if necessary), to minimize potential cross contamination. At a minimum the following pieces of equipment are steam cleaned: augers, cutting heads, samplers, drill rods, and forks. The working end of the drill rig is also cleaned and inspected for evidence of hydraulic fluid or diesel fuel leaks.
- Subsurface soil samples are collected at a minimum of five foot intervals in accordance with standard ASTM methods for split spoon sampling. After logging soil characteristics, samples are collected. Two samples are placed in clean jars with an aluminum bladder below the lid for head space screening. Soil sample screening is performed in accordance with the GEC Jar Headspace Screening procedure. Samples with elevated readings (< 10 ppm) soil are quickly transferred into two clean VOA vials with Teflon liners. The vial is half filled and soil particles are removed from the lip of the vial to assure a proper seal with the lid. All samples are labeled in accordance with the GEC standard labeling identification system and handled/stored in compliance with USEPA protocols.
- The split spoon sampler is decontaminated in accordance with GEC's Decontamination Protocol after sample retrieval and it is steam cleaned between borings. The Geologist may increase the frequency of steam cleaning as necessary.
- All cuttings from drilling remain on the subject property. If cuttings are designated as uncontaminated fill, via headspace screening, and the boring is not completed as a monitoring well the cuttings are used as backfill.
- Monitoring well screens are set to depths adequate for the required sampling. Monitoring wells are typically constructed with a silica sand filter surrounding and extending a few feet above the screen. The screen extends at least one to two feet above groundwater. The riser extends from the top of the screen to ground level, has a bentonite pellet seal above the screened interval, a cement seal and protective cover at the surface. No glues or solvents are employed in the well construction.
- Soil Logs are to be maintained by the Geologist and should contain the following:
 - Date and Location of boring/well
 - Drilling contractor
 - Job number
 - Depth of sampling
 - Boring number
 - Depth to well point.
 - Soil description includes; soil colors, grain size from greatest percentage to lowest, rock fragments, obvious fill constituents, staining, and odor if obvious.
 - Changes in soil strata and elevation of the water table are also noted.

Standard Operating Procedure Observation Well Development

Subsequent to well installation, and prior to sampling or surveying, an observation well must be thoroughly developed. Well development is critical to the success and integrity of later sampling activities and to the life span of the well. Primarily, two techniques are appropriate for the needs of site investigation and groundwater monitoring. Both methods involve reversals, or surges, in flow to prevent clogging of the filter pack which is common where flow is continuous in one direction. Either a decontaminated pump or bailer or both may be used to surge the well and to remove water which may have been in contact with the drilling apparatus. If a pump is used, a source of clean water is necessary to pump down the well. Water should be alternately pumped out of and into the well until water removed is essentially clear, or of constant minimal turbidity. If the well is to be developed with a bailer the following steps will be performed.

- 1) Gauge the depth to water/product and the depth to the bottom of the well
- 2) Based on these measurements calculate the volume of water equal to one well volume.
- 3) Using a precleaned bailer and clean string, repeatedly plunge the filled bailer up and down within the well and periodically remove the water from the well. Water removed from the well should be discarded in a manner consistent with environmentally sound practices.
- 4) Periodically (approximately once every five bails) dispense the contents of the bailer into a clean one-liter glass container. Using the electronic TLC probe, determine the temperature and conductivity of the water being removed from the well. Once the temperature and conductivity have been determined discard the contents of the jar appropriately.
- 5) Steps 3 and 4 should be repeated until the following three conditions have been met: 1) three well volumes of water have been removed from the well; 2) temperature and conductivity levels do not vary more than approximately 10% between measurements, and 3) groundwater being removed from the well has a consistent minimal turbidity.



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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

12/29/2003
Page 1 of 100

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: ~~03B~~-19
Sample ID: 03B33209

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	12/23/03	BGL	50.0		
Acrolein	ug/l	ND	12/23/03	BGL	100.		
Acrylonitrile	ug/l	ND	12/23/03	BGL	2.5		
tert-Amylmethyl Ether	ug/l	17.4	12/23/03	BGL	2.5		
Benzene	ug/l	ND	12/23/03	BGL	3.0		
Bromobenzene	ug/l	ND	12/23/03	BGL	2.5		
Bromochloromethane	ug/l	ND	12/23/03	BGL	3.5		
Bromodichloromethane	ug/l	ND	12/23/03	BGL	2.0		
Bromomethane	ug/l	ND	12/23/03	BGL	6.0		
Bromoform	ug/l	ND	12/23/03	BGL	6.0		
2-Butanone (MEK)	ug/l	ND	12/23/03	BGL	50.0		
tert-Butyl Alcohol	ug/l	ND	12/23/03	BGL	100.		
n-Butylbenzene	ug/l	ND	12/23/03	BGL	3.5		
sec-Butylbenzene	ug/l	ND	12/23/03	BGL	3.0		
tert-Butylbenzene	ug/l	ND	12/23/03	BGL	4.0		
tert-Butylethyl Ether	ug/l	ND	12/23/03	BGL	2.5		
Carbon Disulfide	ug/l	ND	12/23/03	BGL	15.0		
Carbon Tetrachloride	ug/l	ND	12/23/03	BGL	2.5		
Chlorobenzene	ug/l	ND	12/23/03	BGL	3.0		
Chlorodibromomethane	ug/l	ND	12/23/03	BGL	2.5		
Chloroethane	ug/l	ND	12/23/03	BGL	4.0		
2-Chloroethylvinylether	ug/l	ND	12/23/03	BGL	48.0		
Chloroform	ug/l	ND	12/23/03	BGL	4.0		
Chloromethane	ug/l	ND	12/23/03	BGL	6.0		
2-Chlorotoluene	ug/l	ND	12/23/03	BGL	3.0		
4-Chlorotoluene	ug/l	ND	12/23/03	BGL	3.0		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/23/03	BGL	8.0		
1,2-Dibromoethane	ug/l	ND	12/23/03	BGL	3.5		
Dibromomethane	ug/l	ND	12/23/03	BGL	5.5		
1,2-Dichlorobenzene	ug/l	ND	12/23/03	BGL	4.0		

GROUNDWATER
VOCs

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: GEC-19

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33209

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
1,3-Dichlorobenzene	ug/l	ND	12/23/03	BGL	3.0		
1,4-Dichlorobenzene	ug/l	ND	12/23/03	BGL	4.0		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	12.0		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	10.5		
Dichlorodifluoromethane	ug/l	ND	12/23/03	BGL	5.0		
1,1-Dichloroethane	ug/l	ND	12/23/03	BGL	3.5		
1,2-Dichloroethane	ug/l	ND	12/23/03	BGL	4.5		
1,1-Dichloroethylene	ug/l	ND	12/23/03	BGL	3.0		
cis-1,2-Dichloroethylene	ug/l	ND	12/23/03	BGL	2.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/23/03	BGL	4.0		
1,2-Dichloropropane	ug/l	ND	12/23/03	BGL	3.0		
1,3-Dichloropropane	ug/l	ND	12/23/03	BGL	2.5		
2,2-Dichloropropane	ug/l	ND	12/23/03	BGL	4.5		
1,1-Dichloropropene	ug/l	ND	12/23/03	BGL	2.5		
cis-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	2.5		
trans-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	2.0		
Diethyl Ether	ug/l	ND	12/23/03	BGL	10.0		
Diisopropyl Ether	ug/l	ND	12/23/03	BGL	2.5		
1,4-Dioxane	ug/l	ND	12/23/03	BGL	250.		
Ethyl Benzene	ug/l	ND	12/23/03	BGL	3.0		
Ethyl Methacrylate	ug/l	ND	12/23/03	BGL	4.0		
Hexachlorobutadiene	ug/l	ND	12/23/03	BGL	6.5		
2-Hexanone	ug/l	ND	12/23/03	BGL	48.5		
Iodomethane	ug/l	ND	12/23/03	BGL	4.0		
Isopropylbenzene	ug/l	ND	12/23/03	BGL	2.0		
p-Isopropyltoluene	ug/l	ND	12/23/03	BGL	3.5		
MTBE	ug/l	650.	12/23/03	BGL	4.0		
Methylene Chloride	ug/l	ND	12/23/03	BGL	15.0		
MIBK	ug/l	ND	12/23/03	BGL	44.0		
Naphthalene	ug/l	ND	12/23/03	BGL	5.0		

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BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Field Sample #: ~~GRC-19~~

Sample ID: 03B33209

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	ug/l	ND	12/23/03	BGL	4.0		
Styrene	ug/l	ND	12/23/03	BGL	3.5		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	2.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	2.5		
Tetrachloroethylene	ug/l	32.1	12/23/03	BGL	2.0		
Tetrahydrofuran	ug/l	ND	12/23/03	BGL	25.0		
Toluene	ug/l	ND	12/23/03	BGL	3.5		
1,2,3-Trichlorobenzene	ug/l	ND	12/23/03	BGL	3.5		
1,2,4-Trichlorobenzene	ug/l	ND	12/23/03	BGL	3.5		
1,1,1-Trichloroethane	ug/l	ND	12/23/03	BGL	4.5		
1,1,2-Trichloroethane	ug/l	ND	12/23/03	BGL	3.5		
Trichloroethylene	ug/l	ND	12/23/03	BGL	5.0		
Trichlorofluoromethane	ug/l	ND	12/23/03	BGL	3.5		
1,2,3-Trichloropropane	ug/l	ND	12/23/03	BGL	6.5		
1,2,4-Trimethylbenzene	ug/l	ND	12/23/03	BGL	3.5		
1,3,5-Trimethylbenzene	ug/l	ND	12/23/03	BGL	5.0		
Vinyl Acetate	ug/l	ND	12/23/03	BGL	82.0		
Vinyl Chloride	ug/l	ND	12/23/03	BGL	1.5		
m + p Xylene	ug/l	ND	12/23/03	BGL	6.5		
o-Xylene	ug/l	ND	12/23/03	BGL	2.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-10

Purchase Order No.:

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33194

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Acetone	ug/l	ND	12/22/03	BGL	10.0		
Acrolein	ug/l	ND	12/22/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/22/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Benzene	ug/l	ND	12/22/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/22/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/22/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/22/03	BGL	0.4		
Bromomethane	ug/l	ND	12/22/03	BGL	1.2		
Bromoform	ug/l	ND	12/22/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/22/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/22/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/22/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/22/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/22/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/22/03	BGL	0.5		
Chloroethane	ug/l	ND	12/22/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/03	BGL	9.6		
Chloroform	ug/l	9.5	12/22/03	BGL	0.8		
Chloromethane	ug/l	ND	12/22/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/22/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-10

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33194

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/22/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	8.3	12/22/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/22/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/22/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/22/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/22/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/22/03	BGL	9.7		
Iodomethane	ug/l	ND	12/22/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/22/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/22/03	BGL	0.7		
MTBE	ug/l	24.4	12/22/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/22/03	BGL	3.0		
MIBK	ug/l	ND	12/22/03	BGL	8.8		
Naphthalene	ug/l	ND	12/22/03	BGL	1.0		

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-10

Sample ID: 03B33194

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

12/29/2003

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LIMS-BAT #: LIMS-75920
Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
n-Propylbenzene	ug/l	ND	12/22/03	BGL	0.8			
Styrene	ug/l	ND	12/22/03	BGL	0.7			
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5			
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5			
Tetrachloroethylene	ug/l	8.3	12/22/03	BGL	0.4			
Tetrahydrofuran	ug/l	ND	12/22/03	BGL	5.0			
Toluene	ug/l	ND	12/22/03	BGL	0.7			
1,2,3-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7			
1,2,4-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7			
1,1,1-Trichloroethane	ug/l	ND	12/22/03	BGL	0.9			
1,1,2-Trichloroethane	ug/l	ND	12/22/03	BGL	0.7			
Trichloroethylene	ug/l	208	12/22/03	BGL	1.0			
Trichlorofluoromethane	ug/l	ND	12/22/03	BGL	0.7			
1,2,3-Trichloropropane	ug/l	ND	12/22/03	BGL	1.3			
1,2,4-Trimethylbenzene	ug/l	ND	12/22/03	BGL	0.7			
1,3,5-Trimethylbenzene	ug/l	ND	12/22/03	BGL	1.0			
Vinyl Acetate	ug/l	ND	12/22/03	BGL	16.4			
Vinyl Chloride	ug/l	ND	12/22/03	BGL	0.3			
m + p Xylene	ug/l	ND	12/22/03	BGL	1.3			
o-Xylene	ug/l	ND	12/22/03	BGL	0.5			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Totaled
OKC 224.6



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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-11

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33195

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Acetone	ug/l	ND	12/22/03	BGL	10.0		
Acrolein	ug/l	ND	12/22/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/22/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Benzene	ug/l	ND	12/22/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/22/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/22/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/22/03	BGL	0.4		
Bromomethane	ug/l	ND	12/22/03	BGL	1.2		
Bromoform	ug/l	ND	12/22/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/22/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/22/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/22/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/22/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/22/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/22/03	BGL	0.5		
Chloroethane	ug/l	ND	12/22/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/03	BGL	9.6		
Chloroform	ug/l	ND	12/22/03	BGL	0.8		
Chloromethane	ug/l	ND	12/22/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/22/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

12/29/2003

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-11

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33195

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
1,3-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/22/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/22/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/22/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/22/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/22/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/22/03	BGL	9.7		
Iodomethane	ug/l	ND	12/22/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/22/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/22/03	BGL	0.7		
MTBE	ug/l	18.4	12/22/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/22/03	BGL	3.0		
MIBK	ug/l	ND	12/22/03	BGL	8.8		
Naphthalene	ug/l	ND	12/22/03	BGL	1.0		

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-11

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33195

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	ug/l	ND	12/22/03	BGL	0.8		
Styrene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
Tetrachloroethylene	ug/l	ND	12/22/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/22/03	BGL	5.0		
Toluene	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/22/03	BGL	0.7		
Trichloroethylene	ug/l	8.7	12/22/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/22/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/22/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/22/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/22/03	BGL	16.4		
Vinyl Chloride	ug/l	ND	12/22/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/22/03	BGL	1.3		
o-Xylene	ug/l	ND	12/22/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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60 BROOKS DRIVE
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-12

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33196

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	12/22/03	BGL	10.0		
Acrolein	ug/l	ND	12/22/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/22/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Benzene	ug/l	ND	12/22/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/22/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/22/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/22/03	BGL	0.4		
Bromomethane	ug/l	ND	12/22/03	BGL	1.2		
Bromoform	ug/l	ND	12/22/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/22/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/22/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/22/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/22/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/22/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/22/03	BGL	0.5		
Chloroethane	ug/l	ND	12/22/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/03	BGL	9.6		
Chloroform	ug/l	ND	12/22/03	BGL	0.8		
Chloromethane	ug/l	ND	12/22/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/22/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		

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Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-12

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33196

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/22/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	1.6	12/22/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/22/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/22/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/22/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/22/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/22/03	BGL	9.7		
Iodomethane	ug/l	ND	12/22/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/22/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/22/03	BGL	0.7		
MTBE	ug/l	ND	12/22/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/22/03	BGL	3.0		
MIBK	ug/l	ND	12/22/03	BGL	8.8		
Naphthalene	ug/l	ND	12/22/03	BGL	1.0		

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BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-12

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33196

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	ug/l	ND	12/22/03	BGL	0.8		
Styrene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
Tetrachloroethylene	ug/l	2.9	12/22/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/22/03	BGL	5.0		
Toluene	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/22/03	BGL	0.7		
Trichloroethylene	ug/l	9.8	12/22/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/22/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/22/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/22/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/22/03	BGL	16.4		
Vinyl Chloride	ug/l	ND	12/22/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/22/03	BGL	1.3		
o-Xylene	ug/l	ND	12/22/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

14.3

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-16

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33197

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acetone	ug/l	ND	12/23/03	BGL	10.0			
Acrolein	ug/l	ND	12/23/03	BGL	20.0			
Acrylonitrile	ug/l	ND	12/23/03	BGL	0.5			
tert-Amylmethyl Ether	ug/l	ND	12/23/03	BGL	0.5			
Benzene	ug/l	ND	12/23/03	BGL	0.6			
Bromobenzene	ug/l	ND	12/23/03	BGL	0.5			
Bromochloromethane	ug/l	ND	12/23/03	BGL	0.7			
Bromodichloromethane	ug/l	ND	12/23/03	BGL	0.4			
Bromomethane	ug/l	ND	12/23/03	BGL	1.2			
Bromoform	ug/l	ND	12/23/03	BGL	1.2			
2-Butanone (MEK)	ug/l	ND	12/23/03	BGL	10.0			
tert-Butyl Alcohol	ug/l	ND	12/23/03	BGL	20.0			
n-Butylbenzene	ug/l	ND	12/23/03	BGL	0.7			
sec-Butylbenzene	ug/l	ND	12/23/03	BGL	0.6			
tert-Butylbenzene	ug/l	ND	12/23/03	BGL	0.8			
tert-Butylethyl Ether	ug/l	ND	12/23/03	BGL	0.5			
Carbon Disulfide	ug/l	ND	12/23/03	BGL	3.0			
Carbon Tetrachloride	ug/l	ND	12/23/03	BGL	0.5			
Chlorobenzene	ug/l	ND	12/23/03	BGL	0.6			
Chlorodibromomethane	ug/l	ND	12/23/03	BGL	0.5			
Chloroethane	ug/l	ND	12/23/03	BGL	0.8			
2-Chloroethylvinylether	ug/l	ND	12/23/03	BGL	9.6			
Chloroform	ug/l	ND	12/23/03	BGL	0.8			
Chloromethane	ug/l	ND	12/23/03	BGL	1.2			
2-Chlorotoluene	ug/l	ND	12/23/03	BGL	0.6			
4-Chlorotoluene	ug/l	ND	12/23/03	BGL	0.6			
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/23/03	BGL	1.6			
1,2-Dibromoethane	ug/l	ND	12/23/03	BGL	0.7			
Dibromomethane	ug/l	ND	12/23/03	BGL	1.1			
1,2-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.8			

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-16

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33197

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/23/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/23/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/23/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	33.7	12/23/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/23/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/23/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/23/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/23/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/23/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/23/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/23/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/23/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/23/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/23/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/23/03	BGL	9.7		
Iodomethane	ug/l	ND	12/23/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/23/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/23/03	BGL	0.7		
MTBE	ug/l	3.9	12/23/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/23/03	BGL	3.0		
MIBK	ug/l	ND	12/23/03	BGL	8.8		
Naphthalene	ug/l	ND	12/23/03	BGL	1.0		

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BRAINTREE, MA 02184

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-16

Purchase Order No.:

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33197

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	ug/l	ND	12/23/03	BGL	0.8		
Styrene	ug/l	ND	12/23/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	0.5		
Tetrachloroethylene	ug/l	16.1	12/23/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/23/03	BGL	5.0		
Toluene	ug/l	ND	12/23/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/23/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/23/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/23/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/23/03	BGL	0.7		
Trichloroethylene	ug/l	9.1	12/23/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/23/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/23/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/23/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/23/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/23/03	BGL	16.4		
Vinyl Chloride	ug/l	2.7	12/23/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/23/03	BGL	1.3		
o-Xylene	ug/l	ND	12/23/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-17

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33198

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	12/22/03	BGL	10.0		
Acrolein	ug/l	ND	12/22/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/22/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	1.0	12/22/03	BGL	0.5		
Benzene	ug/l	ND	12/22/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/22/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/22/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/22/03	BGL	0.4		
Bromomethane	ug/l	ND	12/22/03	BGL	1.2		
Bromoform	ug/l	ND	12/22/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/22/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/22/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/22/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/22/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/22/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/22/03	BGL	0.5		
Chloroethane	ug/l	ND	12/22/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/03	BGL	9.6		
Chloroform	ug/l	ND	12/22/03	BGL	0.8		
Chloromethane	ug/l	ND	12/22/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/22/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-17

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33198

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
1,3-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/22/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	33.2	12/22/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/22/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/22/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/22/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/22/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/22/03	BGL	9.7		
Iodomethane	ug/l	ND	12/22/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/22/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/22/03	BGL	0.7		
MTBE	ug/l	48.8	12/22/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/22/03	BGL	3.0		
MIBK	ug/l	ND	12/22/03	BGL	8.8		
Naphthalene	ug/l	ND	12/22/03	BGL	1.0		

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-17

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33198

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
n-Propylbenzene	ug/l	ND	12/22/03	BGL	0.8		
Styrene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
Tetrachloroethylene	ug/l	28.7	12/22/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/22/03	BGL	5.0		
Toluene	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/22/03	BGL	0.7		
Trichloroethylene	ug/l	5.8	12/22/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/22/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/22/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/22/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/22/03	BGL	16.4		
Vinyl Chloride	ug/l	1.5	12/22/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/22/03	BGL	1.3		
o-Xylene	ug/l	ND	12/22/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-2

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: *03B33188

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	12/22/03	BGL	10.0		
Acrolein	ug/l	ND	12/22/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/22/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Benzene	ug/l	ND	12/22/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/22/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/22/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/22/03	BGL	0.4		
Bromomethane	ug/l	ND	12/22/03	BGL	1.2		
Bromoform	ug/l	ND	12/22/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/22/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/22/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/22/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/22/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/22/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/22/03	BGL	0.5		
Chloroethane	ug/l	ND	12/22/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/03	BGL	9.6		
Chloroform	ug/l	ND	12/22/03	BGL	0.8		
Chloromethane	ug/l	ND	12/22/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/22/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-2

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : *03B33188

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/22/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/22/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/22/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/22/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/22/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/22/03	BGL	9.7		
Iodomethane	ug/l	ND	12/22/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/22/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/22/03	BGL	0.7		
MTBE	ug/l	ND	12/22/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/22/03	BGL	3.0		
MIBK	ug/l	ND	12/22/03	BGL	8.8		
Naphthalene	ug/l	ND	12/22/03	BGL	1.0		

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-2

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: *03B33188

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
n-Propylbenzene	ug/l	ND	12/22/03	BGL	0.8			
Styrene	ug/l	ND	12/22/03	BGL	0.7			
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5			
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5			
Tetrachloroethylene	ug/l	ND	12/22/03	BGL	0.4			
Tetrahydrofuran	ug/l	ND	12/22/03	BGL	5.0			
Toluene	ug/l	ND	12/22/03	BGL	0.7			
1,2,3-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7			
1,2,4-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7			
1,1,1-Trichloroethane	ug/l	ND	12/22/03	BGL	0.9			
1,1,2-Trichloroethane	ug/l	ND	12/22/03	BGL	0.7			
Trichloroethylene	ug/l	ND	12/22/03	BGL	1.0			
Trichlorofluoromethane	ug/l	ND	12/22/03	BGL	0.7			
1,2,3-Trichloropropane	ug/l	ND	12/22/03	BGL	1.3			
1,2,4-Trimethylbenzene	ug/l	ND	12/22/03	BGL	0.7			
1,3,5-Trimethylbenzene	ug/l	ND	12/22/03	BGL	1.0			
Vinyl Acetate	ug/l	ND	12/22/03	BGL	16.4			
Vinyl Chloride	ug/l	ND	12/22/03	BGL	0.3			
m + p Xylene	ug/l	ND	12/22/03	BGL	1.3			
o-Xylene	ug/l	ND	12/22/03	BGL	0.5			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-20

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33199

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acetone	ug/l	ND	12/23/03	BGL	50.0			
Acrolein	ug/l	ND	12/23/03	BGL	100.			
Acrylonitrile	ug/l	ND	12/23/03	BGL	2.5			
tert-Amylmethyl Ether	ug/l	52.8	12/23/03	BGL	2.5			
Benzene	ug/l	ND	12/23/03	BGL	3.0			
Bromobenzene	ug/l	ND	12/23/03	BGL	2.5			
Bromochloromethane	ug/l	ND	12/23/03	BGL	3.5			
Bromodichloromethane	ug/l	ND	12/23/03	BGL	2.0			
Bromomethane	ug/l	ND	12/23/03	BGL	6.0			
Bromoform	ug/l	ND	12/23/03	BGL	6.0			
2-Butanone (MEK)	ug/l	ND	12/23/03	BGL	50.0			
tert-Butyl Alcohol	ug/l	ND	12/23/03	BGL	100.			
n-Butylbenzene	ug/l	ND	12/23/03	BGL	3.5			
sec-Butylbenzene	ug/l	ND	12/23/03	BGL	3.0			
tert-Butylbenzene	ug/l	ND	12/23/03	BGL	4.0			
tert-Butylethyl Ether	ug/l	ND	12/23/03	BGL	2.5			
Carbon Disulfide	ug/l	ND	12/23/03	BGL	15.0			
Carbon Tetrachloride	ug/l	ND	12/23/03	BGL	2.5			
Chlorobenzene	ug/l	ND	12/23/03	BGL	3.0			
Chlorodibromomethane	ug/l	ND	12/23/03	BGL	2.5			
Chloroethane	ug/l	ND	12/23/03	BGL	4.0			
2-Chloroethylvinylether	ug/l	ND	12/23/03	BGL	48.0			
Chloroform	ug/l	ND	12/23/03	BGL	4.0			
Chloromethane	ug/l	ND	12/23/03	BGL	6.0			
2-Chlorotoluene	ug/l	ND	12/23/03	BGL	3.0			
4-Chlorotoluene	ug/l	ND	12/23/03	BGL	3.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/23/03	BGL	8.0			
1,2-Dibromoethane	ug/l	ND	12/23/03	BGL	3.5			
Dibromomethane	ug/l	ND	12/23/03	BGL	5.5			
1,2-Dichlorobenzene	ug/l	ND	12/23/03	BGL	4.0			

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BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-20

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33199

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	12/23/03	BGL	3.0		
1,4-Dichlorobenzene	ug/l	ND	12/23/03	BGL	4.0		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	12.0		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	10.5		
Dichlorodifluoromethane	ug/l	ND	12/23/03	BGL	5.0		
1,1-Dichloroethane	ug/l	ND	12/23/03	BGL	3.5		
1,2-Dichloroethane	ug/l	ND	12/23/03	BGL	4.5		
1,1-Dichloroethylene	ug/l	ND	12/23/03	BGL	3.0		
cis-1,2-Dichloroethylene	ug/l	ND	12/23/03	BGL	2.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/23/03	BGL	4.0		
1,2-Dichloropropane	ug/l	ND	12/23/03	BGL	3.0		
1,3-Dichloropropane	ug/l	ND	12/23/03	BGL	2.5		
2,2-Dichloropropane	ug/l	ND	12/23/03	BGL	4.5		
1,1-Dichloropropene	ug/l	ND	12/23/03	BGL	2.5		
cis-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	2.5		
trans-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	2.0		
Diethyl Ether	ug/l	ND	12/23/03	BGL	10.0		
Diisopropyl Ether	ug/l	ND	12/23/03	BGL	2.5		
1,4-Dioxane	ug/l	ND	12/23/03	BGL	250.		
Ethyl Benzene	ug/l	ND	12/23/03	BGL	3.0		
Ethyl Methacrylate	ug/l	ND	12/23/03	BGL	4.0		
Hexachlorobutadiene	ug/l	ND	12/23/03	BGL	6.5		
2-Hexanone	ug/l	ND	12/23/03	BGL	48.5		
Iodomethane	ug/l	ND	12/23/03	BGL	4.0		
Isopropylbenzene	ug/l	ND	12/23/03	BGL	2.0		
p-Isopropyltoluene	ug/l	ND	12/23/03	BGL	3.5		
MTBE	ug/l	2430.	12/23/03	BGL	4.0		
Methylene Chloride	ug/l	ND	12/23/03	BGL	15.0		
MIBK	ug/l	ND	12/23/03	BGL	44.0		
Naphthalene	ug/l	ND	12/23/03	BGL	5.0		

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* = See end of report for comments and notes applying to this sample



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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-20

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33199

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	ug/l	ND	12/23/03	BGL	4.0		
Styrene	ug/l	ND	12/23/03	BGL	3.5		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	2.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	2.5		
Tetrachloroethylene	ug/l	ND	12/23/03	BGL	2.0		
Tetrahydrofuran	ug/l	ND	12/23/03	BGL	25.0		
Toluene	ug/l	ND	12/23/03	BGL	3.5		
1,2,3-Trichlorobenzene	ug/l	ND	12/23/03	BGL	3.5		
1,2,4-Trichlorobenzene	ug/l	ND	12/23/03	BGL	3.5		
1,1,1-Trichloroethane	ug/l	ND	12/23/03	BGL	4.5		
1,1,2-Trichloroethane	ug/l	ND	12/23/03	BGL	3.5		
Trichloroethylene	ug/l	ND	12/23/03	BGL	5.0		
Trichlorofluoromethane	ug/l	ND	12/23/03	BGL	3.5		
1,2,3-Trichloropropane	ug/l	ND	12/23/03	BGL	6.5		
1,2,4-Trimethylbenzene	ug/l	ND	12/23/03	BGL	3.5		
1,3,5-Trimethylbenzene	ug/l	ND	12/23/03	BGL	5.0		
Vinyl Acetate	ug/l	ND	12/23/03	BGL	82.0		
Vinyl Chloride	ug/l	ND	12/23/03	BGL	1.5		
m + p Xylene	ug/l	ND	12/23/03	BGL	6.5		
o-Xylene	ug/l	ND	12/23/03	BGL	2.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-21

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33200
Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	12/23/03	BGL	10.0		
Acrolein	ug/l	ND	12/23/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/23/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	1.4	12/23/03	BGL	0.5		
Benzene	ug/l	ND	12/23/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/23/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/23/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/23/03	BGL	0.4		
Bromomethane	ug/l	ND	12/23/03	BGL	1.2		
Bromoform	ug/l	ND	12/23/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/23/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/23/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/23/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/23/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/23/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/23/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/23/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/23/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/23/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/23/03	BGL	0.5		
Chloroethane	ug/l	ND	12/23/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/23/03	BGL	9.6		
Chloroform	ug/l	ND	12/23/03	BGL	0.8		
Chloromethane	ug/l	ND	12/23/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/23/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/23/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/23/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/23/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/23/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.8		

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R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-21

Sample ID: 03B33200

Sampled: 12/16/2003

NOT SPECIFIED

LIMS-BAT #: LIMS-75920

Job Number: 444-408H

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
1,3-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/23/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/23/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/23/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	4.1	12/23/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/23/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/23/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/23/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/23/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/23/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/23/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/23/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/23/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/23/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/23/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/23/03	BGL	9.7		
Iodomethane	ug/l	ND	12/23/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/23/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/23/03	BGL	0.7		
MTBE	ug/l	179	12/23/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/23/03	BGL	3.0		
MIBK	ug/l	ND	12/23/03	BGL	8.8		
Naphthalene	ug/l	ND	12/23/03	BGL	1.0		

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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-21

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33200

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	ug/l	ND	12/23/03	BGL	0.8		
Styrene	ug/l	ND	12/23/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	0.5		
1,1,1,2,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	0.5		
Tetrachloroethylene	ug/l	21.6	12/23/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/23/03	BGL	5.0		
Toluene	ug/l	ND	12/23/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/23/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/23/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/23/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/23/03	BGL	0.7		
Trichloroethylene	ug/l	2.6	12/23/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/23/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/23/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/23/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/23/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/23/03	BGL	16.4		
Vinyl Chloride	ug/l	ND	12/23/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/23/03	BGL	1.3		
o-Xylene	ug/l	ND	12/23/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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R. KRANES
GOLDMAN ENVIRONMENTAL
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-23

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33201

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Acetone	ug/l	ND	12/23/03	BGL	10.0		
Acrolein	ug/l	ND	12/23/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/23/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	10.3	12/23/03	BGL	0.5		
Benzene	ug/l	ND	12/23/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/23/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/23/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/23/03	BGL	0.4		
Bromomethane	ug/l	ND	12/23/03	BGL	1.2		
Bromoform	ug/l	ND	12/23/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/23/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/23/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/23/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/23/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/23/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/23/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/23/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/23/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/23/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/23/03	BGL	0.5		
Chloroethane	ug/l	ND	12/23/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/23/03	BGL	9.6		
Chloroform	ug/l	ND	12/23/03	BGL	0.8		
Chloromethane	ug/l	ND	12/23/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/23/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/23/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/23/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/23/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/23/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.8		

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-23

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33201

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/23/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/23/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/23/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/23/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/23/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/23/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/23/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/23/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/23/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/23/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/23/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/23/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/23/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/23/03	BGL	9.7		
Iodomethane	ug/l	ND	12/23/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/23/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/23/03	BGL	0.7		
MTBE	ug/l	460	12/23/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/23/03	BGL	3.0		
MIBK	ug/l	ND	12/23/03	BGL	8.8		
Naphthalene	ug/l	ND	12/23/03	BGL	1.0		

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R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-23

Sample ID: 03B33201

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

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LIMS-BAT #: LIMS-75920

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	ug/l	ND	12/23/03	BGL	0.8		
Styrene	ug/l	ND	12/23/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	0.5		
Tetrachloroethylene	ug/l	0.8	12/23/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/23/03	BGL	5.0		
Toluene	ug/l	ND	12/23/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/23/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/23/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/23/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/23/03	BGL	0.7		
Trichloroethylene	ug/l	ND	12/23/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/23/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/23/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/23/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/23/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/23/03	BGL	16.4		
Vinyl Chloride	ug/l	ND	12/23/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/23/03	BGL	1.3		
o-Xylene	ug/l	ND	12/23/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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NM = Not Measured

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39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-25

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33202

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	12/23/03	BGL	10.0		
Acrolein	ug/l	ND	12/23/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/23/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	ND	12/23/03	BGL	0.5		
Benzene	ug/l	ND	12/23/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/23/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/23/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/23/03	BGL	0.4		
Bromomethane	ug/l	ND	12/23/03	BGL	1.2		
Bromoform	ug/l	ND	12/23/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/23/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/23/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/23/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/23/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/23/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/23/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/23/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/23/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/23/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/23/03	BGL	0.5		
Chloroethane	ug/l	ND	12/23/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/23/03	BGL	9.6		
Chloroform	ug/l	ND	12/23/03	BGL	0.8		
Chloromethane	ug/l	ND	12/23/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/23/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/23/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/23/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/23/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/23/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.8		

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-25

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33202

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
1,3-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/23/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/23/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/23/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/23/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/23/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/23/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/23/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/23/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/23/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/23/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/23/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/23/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/23/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/23/03	BGL	9.7		
Iodomethane	ug/l	ND	12/23/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/23/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/23/03	BGL	0.7		
MTBE	ug/l	0.8	12/23/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/23/03	BGL	3.0		
MIBK	ug/l	ND	12/23/03	BGL	8.8		
Naphthalene	ug/l	ND	12/23/03	BGL	1.0		

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R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-25

Sample ID: 03B33202

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

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LIMS-BAT #: LIMS-75920

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	ug/l	ND	12/23/03	BGL	0.8		
Styrene	ug/l	ND	12/23/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	0.5		
Tetrachloroethylene	ug/l	0.5	12/23/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/23/03	BGL	5.0		
Toluene	ug/l	ND	12/23/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/23/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/23/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/23/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/23/03	BGL	0.7		
Trichloroethylene	ug/l	12.6	12/23/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/23/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/23/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/23/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/23/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/23/03	BGL	16.4		
Vinyl Chloride	ug/l	ND	12/23/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/23/03	BGL	1.3		
o-Xylene	ug/l	ND	12/23/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-26R

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33203

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	12/23/03	BGL	10.0		
Acrolein	ug/l	ND	12/23/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/23/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	0.8	12/23/03	BGL	0.5		
Benzene	ug/l	ND	12/23/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/23/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/23/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/23/03	BGL	0.4		
Bromomethane	ug/l	ND	12/23/03	BGL	1.2		
Bromoform	ug/l	ND	12/23/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/23/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/23/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/23/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/23/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/23/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/23/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/23/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/23/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/23/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/23/03	BGL	0.5		
Chloroethane	ug/l	ND	12/23/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/23/03	BGL	9.6		
Chloroform	ug/l	ND	12/23/03	BGL	0.8		
Chloromethane	ug/l	ND	12/23/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/23/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/23/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/23/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/23/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/23/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.8		

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-26R

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33203

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
1,3-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/23/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/23/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/23/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/23/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/23/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	11.8	12/23/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/23/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/23/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/23/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/23/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/23/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/23/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/23/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/23/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/23/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/23/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/23/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/23/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/23/03	BGL	9.7		
Iodomethane	ug/l	ND	12/23/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/23/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/23/03	BGL	0.7		
MTBE	ug/l	60.8	12/23/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/23/03	BGL	3.0		
MIBK	ug/l	ND	12/23/03	BGL	8.8		
Naphthalene	ug/l	ND	12/23/03	BGL	1.0		

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60 BROOKS DRIVE

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Purchase Order No.:

Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-26R

LIMS-BAT #: LIMS-75920

Job Number: 444-408H

Sample ID : 03B33203

Sampled : 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
n-Propylbenzene	ug/l	ND	12/23/03	BGL	0.8		
Styrene	ug/l	ND	12/23/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/23/03	BGL	0.5		
Tetrachloroethylene	ug/l	19.5	12/23/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/23/03	BGL	5.0		
Toluene	ug/l	ND	12/23/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/23/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/23/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/23/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/23/03	BGL	0.7		
Trichloroethylene	ug/l	5.4	12/23/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/23/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/23/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/23/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/23/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/23/03	BGL	16.4		
Vinyl Chloride	ug/l	ND	12/23/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/23/03	BGL	1.3		
o-Xylene	ug/l	ND	12/23/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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60 BROOKS DRIVE
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-3

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33189

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Acetone	ug/l	ND	12/22/03	BGL	10.0		
Acrolein	ug/l	ND	12/22/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/22/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Benzene	ug/l	ND	12/22/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/22/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/22/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/22/03	BGL	0.4		
Bromomethane	ug/l	ND	12/22/03	BGL	1.2		
Bromoform	ug/l	ND	12/22/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/22/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/22/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/22/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/22/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/22/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/22/03	BGL	0.5		
Chloroethane	ug/l	ND	12/22/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/03	BGL	9.6		
Chloroform	ug/l	ND	12/22/03	BGL	0.8		
Chloromethane	ug/l	ND	12/22/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/22/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		

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60 BROOKS DRIVE
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-3

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33189

Sampled : 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/22/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/22/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/22/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/22/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/22/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/22/03	BGL	9.7		
Iodomethane	ug/l	ND	12/22/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/22/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/22/03	BGL	0.7		
MTBE	ug/l	1.3	12/22/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/22/03	BGL	3.0		
MIBK	ug/l	ND	12/22/03	BGL	8.8		
Naphthalene	ug/l	ND	12/22/03	BGL	1.0		

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NM = Not Measured

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R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

12/29/2003

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Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-3

LIMS-BAT #: LIMS-75920

Job Number: 444-408H

Sample ID: 03B33189

Sampled: 12/16/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
n-Propylbenzene	ug/l	ND	12/22/03	BGL	0.8		
Styrene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
Tetrachloroethylene	ug/l	1.3	12/22/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/22/03	BGL	5.0		
Toluene	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/22/03	BGL	0.7		
Trichloroethylene	ug/l	6.3	12/22/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/22/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/22/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/22/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/22/03	BGL	16.4		
Vinyl Chloride	ug/l	ND	12/22/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/22/03	BGL	1.3		
o-Xylene	ug/l	ND	12/22/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-4

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33190

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	12/22/03	BGL	10.0		
Acrolein	ug/l	ND	12/22/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/22/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Benzene	ug/l	ND	12/22/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/22/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/22/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/22/03	BGL	0.4		
Bromomethane	ug/l	ND	12/22/03	BGL	1.2		
Bromoform	ug/l	ND	12/22/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/22/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/22/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/22/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/22/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/22/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/22/03	BGL	0.5		
Chloroethane	ug/l	ND	12/22/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/03	BGL	9.6		
Chloroform	ug/l	ND	12/22/03	BGL	0.8		
Chloromethane	ug/l	ND	12/22/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/22/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-4

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33190

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
1,3-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.6			
1,4-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8			
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.4			
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.1			
Dichlorodifluoromethane	ug/l	ND	12/22/03	BGL	1.0			
1,1-Dichloroethane	ug/l	ND	12/22/03	BGL	0.7			
1,2-Dichloroethane	ug/l	ND	12/22/03	BGL	0.9			
1,1-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.6			
cis-1,2-Dichloroethylene	ug/l	1.4	12/22/03	BGL	0.5			
trans-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.8			
1,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.6			
1,3-Dichloropropane	ug/l	ND	12/22/03	BGL	0.5			
2,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.9			
1,1-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5			
cis-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5			
trans-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.4			
Diethyl Ether	ug/l	ND	12/22/03	BGL	2.0			
Diisopropyl Ether	ug/l	ND	12/22/03	BGL	0.5			
1,4-Dioxane	ug/l	ND	12/22/03	BGL	50.0			
Ethyl Benzene	ug/l	ND	12/22/03	BGL	0.6			
Ethyl Methacrylate	ug/l	ND	12/22/03	BGL	0.8			
Hexachlorobutadiene	ug/l	ND	12/22/03	BGL	1.3			
2-Hexanone	ug/l	ND	12/22/03	BGL	9.7			
Iodomethane	ug/l	ND	12/22/03	BGL	0.8			
Isopropylbenzene	ug/l	ND	12/22/03	BGL	0.4			
p-Isopropyltoluene	ug/l	ND	12/22/03	BGL	0.7			
MTBE	ug/l	ND	12/22/03	BGL	0.8			
Methylene Chloride	ug/l	ND	12/22/03	BGL	3.0			
MIBK	ug/l	ND	12/22/03	BGL	8.8			
Naphthalene	ug/l	ND	12/22/03	BGL	1.0			

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-4

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33190

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
n-Propylbenzene	ug/l	ND	12/22/03	BGL	0.8		
Styrene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
Tetrachloroethylene	ug/l	0.8	12/22/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/22/03	BGL	5.0		
Toluene	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/22/03	BGL	0.7		
Trichloroethylene	ug/l	6.0	12/22/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/22/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/22/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/22/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/22/03	BGL	16.4		
Vinyl Chloride	ug/l	ND	12/22/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/22/03	BGL	1.3		
o-Xylene	ug/l	ND	12/22/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-5R

Sample ID: 03B33191

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

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LIMS-BAT #: LIMS-75920

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	12/22/03	BGL	10.0		
Acrolein	ug/l	ND	12/22/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/22/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Benzene	ug/l	ND	12/22/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/22/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/22/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/22/03	BGL	0.4		
Bromomethane	ug/l	ND	12/22/03	BGL	1.2		
Bromoform	ug/l	ND	12/22/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/22/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/22/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/22/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/22/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/22/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/22/03	BGL	0.5		
Chloroethane	ug/l	ND	12/22/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/03	BGL	9.6		
Chloroform	ug/l	ND	12/22/03	BGL	0.8		
Chloromethane	ug/l	ND	12/22/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/22/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		

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R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-5R

LIMS-BAT #: LIMS-75920

Job Number: 444-408H

Sample ID: 03B33191

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/22/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	9.5	12/22/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/22/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/22/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/22/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/22/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/22/03	BGL	9.7		
Iodomethane	ug/l	ND	12/22/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/22/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/22/03	BGL	0.7		
MTBE	ug/l	34.1	12/22/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/22/03	BGL	3.0		
MIBK	ug/l	ND	12/22/03	BGL	8.8		
Naphthalene	ug/l	ND	12/22/03	BGL	1.0		

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-5R

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33191

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
n-Propylbenzene	ug/l	ND	12/22/03	BGL	0.8		
Styrene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
Tetrachloroethylene	ug/l	2.3	12/22/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/22/03	BGL	5.0		
Toluene	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/22/03	BGL	0.7		
Trichloroethylene	ug/l	1.6	12/22/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/22/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/22/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/22/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/22/03	BGL	16.4		
Vinyl Chloride	ug/l	1.1	12/22/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/22/03	BGL	1.3		
o-Xylene	ug/l	ND	12/22/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-6R

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33192

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	ug/l	ND	12/22/03	BGL	10.0			
Acrolein	ug/l	ND	12/22/03	BGL	20.0			
Acrylonitrile	ug/l	ND	12/22/03	BGL	0.5			
tert-Amylmethyl Ether	ug/l	1.9	12/22/03	BGL	0.5			
Benzene	ug/l	ND	12/22/03	BGL	0.6			
Bromobenzene	ug/l	ND	12/22/03	BGL	0.5			
Bromochloromethane	ug/l	ND	12/22/03	BGL	0.7			
Bromodichloromethane	ug/l	ND	12/22/03	BGL	0.4			
Bromomethane	ug/l	ND	12/22/03	BGL	1.2			
Bromoform	ug/l	ND	12/22/03	BGL	1.2			
2-Butanone (MEK)	ug/l	ND	12/22/03	BGL	10.0			
tert-Butyl Alcohol	ug/l	ND	12/22/03	BGL	20.0			
n-Butylbenzene	ug/l	ND	12/22/03	BGL	0.7			
sec-Butylbenzene	ug/l	ND	12/22/03	BGL	0.6			
tert-Butylbenzene	ug/l	ND	12/22/03	BGL	0.8			
tert-Butylethyl Ether	ug/l	ND	12/22/03	BGL	0.5			
Carbon Disulfide	ug/l	ND	12/22/03	BGL	3.0			
Carbon Tetrachloride	ug/l	ND	12/22/03	BGL	0.5			
Chlorobenzene	ug/l	ND	12/22/03	BGL	0.6			
Chlorodibromomethane	ug/l	ND	12/22/03	BGL	0.5			
Chloroethane	ug/l	ND	12/22/03	BGL	0.8			
2-Chloroethylvinylether	ug/l	ND	12/22/03	BGL	9.6			
Chloroform	ug/l	ND	12/22/03	BGL	0.8			
Chloromethane	ug/l	ND	12/22/03	BGL	1.2			
2-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6			
4-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6			
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/03	BGL	1.6			
1,2-Dibromoethane	ug/l	ND	12/22/03	BGL	0.7			
Dibromomethane	ug/l	ND	12/22/03	BGL	1.1			
1,2-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8			

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39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

12/29/2003
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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-6R

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33192
Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/22/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/22/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/22/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/22/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/22/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/22/03	BGL	9.7		
Iodomethane	ug/l	ND	12/22/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/22/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/22/03	BGL	0.7		
MTBE	ug/l	120	12/22/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/22/03	BGL	3.0		
MIBK	ug/l	ND	12/22/03	BGL	8.8		
Naphthalene	ug/l	ND	12/22/03	BGL	1.0		

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R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

12/29/2003

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Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-6R

LIMS-BAT #: LIMS-75920

Job Number: 444-408H

Sample ID: 03B33192

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
n-Propylbenzene	ug/l	ND	12/22/03	BGL	0.8		
Styrene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5		
Tetrachloroethylene	ug/l	0.8	12/22/03	BGL	0.4		
Tetrahydrofuran	ug/l	ND	12/22/03	BGL	5.0		
Toluene	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,2,4-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7		
1,1,1-Trichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1,2-Trichloroethane	ug/l	ND	12/22/03	BGL	0.7		
Trichloroethylene	ug/l	ND	12/22/03	BGL	1.0		
Trichlorofluoromethane	ug/l	ND	12/22/03	BGL	0.7		
1,2,3-Trichloropropane	ug/l	ND	12/22/03	BGL	1.3		
1,2,4-Trimethylbenzene	ug/l	ND	12/22/03	BGL	0.7		
1,3,5-Trimethylbenzene	ug/l	ND	12/22/03	BGL	1.0		
Vinyl Acetate	ug/l	ND	12/22/03	BGL	16.4		
Vinyl Chloride	ug/l	ND	12/22/03	BGL	0.3		
m + p Xylene	ug/l	ND	12/22/03	BGL	1.3		
o-Xylene	ug/l	ND	12/22/03	BGL	0.5		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-7

Sample ID: 03B33193

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

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LIMS-BAT #: LIMS-75920

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	ug/l	ND	12/22/03	BGL	10.0		
Acrolein	ug/l	ND	12/22/03	BGL	20.0		
Acrylonitrile	ug/l	ND	12/22/03	BGL	0.5		
tert-Amylmethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Benzene	ug/l	ND	12/22/03	BGL	0.6		
Bromobenzene	ug/l	ND	12/22/03	BGL	0.5		
Bromochloromethane	ug/l	ND	12/22/03	BGL	0.7		
Bromodichloromethane	ug/l	ND	12/22/03	BGL	0.4		
Bromomethane	ug/l	ND	12/22/03	BGL	1.2		
Bromoform	ug/l	ND	12/22/03	BGL	1.2		
2-Butanone (MEK)	ug/l	ND	12/22/03	BGL	10.0		
tert-Butyl Alcohol	ug/l	ND	12/22/03	BGL	20.0		
n-Butylbenzene	ug/l	ND	12/22/03	BGL	0.7		
sec-Butylbenzene	ug/l	ND	12/22/03	BGL	0.6		
tert-Butylbenzene	ug/l	ND	12/22/03	BGL	0.8		
tert-Butylethyl Ether	ug/l	ND	12/22/03	BGL	0.5		
Carbon Disulfide	ug/l	ND	12/22/03	BGL	3.0		
Carbon Tetrachloride	ug/l	ND	12/22/03	BGL	0.5		
Chlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
Chlorodibromomethane	ug/l	ND	12/22/03	BGL	0.5		
Chloroethane	ug/l	ND	12/22/03	BGL	0.8		
2-Chloroethylvinylether	ug/l	ND	12/22/03	BGL	9.6		
Chloroform	ug/l	ND	12/22/03	BGL	0.8		
Chloromethane	ug/l	ND	12/22/03	BGL	1.2		
2-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
4-Chlorotoluene	ug/l	ND	12/22/03	BGL	0.6		
1,2-Dibromo-3-Chloropropane	ug/l	ND	12/22/03	BGL	1.6		
1,2-Dibromoethane	ug/l	ND	12/22/03	BGL	0.7		
Dibromomethane	ug/l	ND	12/22/03	BGL	1.1		
1,2-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		

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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-7

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33193

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.6		
1,4-Dichlorobenzene	ug/l	ND	12/22/03	BGL	0.8		
cis-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.4		
trans-1,4-Dichloro-2-Butene	ug/l	ND	12/22/03	BGL	2.1		
Dichlorodifluoromethane	ug/l	ND	12/22/03	BGL	1.0		
1,1-Dichloroethane	ug/l	ND	12/22/03	BGL	0.7		
1,2-Dichloroethane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.6		
cis-1,2-Dichloroethylene	ug/l	3.0	12/22/03	BGL	0.5		
trans-1,2-Dichloroethylene	ug/l	ND	12/22/03	BGL	0.8		
1,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.6		
1,3-Dichloropropane	ug/l	ND	12/22/03	BGL	0.5		
2,2-Dichloropropane	ug/l	ND	12/22/03	BGL	0.9		
1,1-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
cis-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.5		
trans-1,3-Dichloropropene	ug/l	ND	12/22/03	BGL	0.4		
Diethyl Ether	ug/l	ND	12/22/03	BGL	2.0		
Diisopropyl Ether	ug/l	ND	12/22/03	BGL	0.5		
1,4-Dioxane	ug/l	ND	12/22/03	BGL	50.0		
Ethyl Benzene	ug/l	ND	12/22/03	BGL	0.6		
Ethyl Methacrylate	ug/l	ND	12/22/03	BGL	0.8		
Hexachlorobutadiene	ug/l	ND	12/22/03	BGL	1.3		
2-Hexanone	ug/l	ND	12/22/03	BGL	9.7		
Iodomethane	ug/l	ND	12/22/03	BGL	0.8		
Isopropylbenzene	ug/l	ND	12/22/03	BGL	0.4		
p-Isopropyltoluene	ug/l	ND	12/22/03	BGL	0.7		
MTBE	ug/l	ND	12/22/03	BGL	0.8		
Methylene Chloride	ug/l	ND	12/22/03	BGL	3.0		
MIBK	ug/l	ND	12/22/03	BGL	8.8		
Naphthalene	ug/l	ND	12/22/03	BGL	1.0		

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-7

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33193

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
n-Propylbenzene	ug/l	ND	12/22/03	BGL	0.8			
Styrene	ug/l	ND	12/22/03	BGL	0.7			
1,1,1,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5			
1,1,2,2-Tetrachloroethane	ug/l	ND	12/22/03	BGL	0.5			
Tetrachloroethylene	ug/l	4.4	12/22/03	BGL	0.4			
Tetrahydrofuran	ug/l	ND	12/22/03	BGL	5.0			
Toluene	ug/l	ND	12/22/03	BGL	0.7			
1,2,3-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7			
1,2,4-Trichlorobenzene	ug/l	ND	12/22/03	BGL	0.7			
1,1,1-Trichloroethane	ug/l	ND	12/22/03	BGL	0.9			
1,1,2-Trichloroethane	ug/l	ND	12/22/03	BGL	0.7			
Trichloroethylene	ug/l	ND	12/22/03	BGL	1.0			
Trichlorofluoromethane	ug/l	ND	12/22/03	BGL	0.7			
1,2,3-Trichloropropane	ug/l	ND	12/22/03	BGL	1.3			
1,2,4-Trimethylbenzene	ug/l	ND	12/22/03	BGL	0.7			
1,3,5-Trimethylbenzene	ug/l	ND	12/22/03	BGL	1.0			
Vinyl Acetate	ug/l	ND	12/22/03	BGL	16.4			
Vinyl Chloride	ug/l	ND	12/22/03	BGL	0.3			
m + p Xylene	ug/l	ND	12/22/03	BGL	1.3			
o-Xylene	ug/l	ND	12/22/03	BGL	0.5			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

12/29/2003
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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: GEC-19

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33209

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Acenaphthene	ug/l	ND	12/24/03	BGL	5.00			
Acenaphthylene	ug/l	ND	12/24/03	BGL	5.00			
Acetophenone	ug/l	ND	12/24/03	BGL	10.0			
Aniline	ug/l	ND	12/24/03	BGL	10.0			
Anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benzidine	ug/l	ND	12/24/03	BGL	70.0			
Benzoic Acid	ug/l	ND	12/24/03	BGL	30.0			
Benzo(a)anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(a)pyrene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(b)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(g,h,i)perylene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(k)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzyl Alcohol	ug/l	ND	12/24/03	BGL	20.0			
1,1-Biphenyl	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethoxy)methane	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroisopropyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-ethylhexyl)phthalate	ug/l	ND	12/24/03	BGL	10.0			
4-Bromophenyl phenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Butylbenzylphthalate	ug/l	ND	12/24/03	BGL	20.0			
4-Chloroaniline	ug/l	ND	12/24/03	BGL	20.0			
4-Chloro-3-methylphenol	ug/l	ND	12/24/03	BGL	20.0			
2-Chloronaphthalene	ug/l	ND	12/24/03	BGL	10.0			
2-Chlorophenol	ug/l	ND	12/24/03	BGL	10.0			
4-Chlorophenylphenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Chrysene	ug/l	ND	12/24/03	BGL	5.00			
Dibenzofuran	ug/l	ND	12/24/03	BGL	10.0			
Dibenz(a,h)anthracene	ug/l	ND	12/24/03	BGL	5.00			
1,2-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,3-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			

GROUNDWATER
8270

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: GEC-19

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33209

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
3,3-Dichlorobenzidine	ug/l	ND	12/24/03	BGL	5.00		
2,4-Dichlorophenol	ug/l	ND	12/24/03	BGL	10.0		
Diethylphthalate	ug/l	ND	12/24/03	BGL	10.0		
2,4-Dimethylphenol	ug/l	ND	12/24/03	BGL	40.0		
Dimethylphthalate	ug/l	ND	12/24/03	BGL	20.0		
Di-n-butylphthalate	ug/l	ND	12/24/03	BGL	10.0		
Di-n-octylphthalate	ug/l	ND	12/24/03	BGL	20.0		
1,2-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,3-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,4-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
4,6-Dinitro-2-methylphenol	ug/l	ND	12/24/03	BGL	10.0		
2,4-Dinitrophenol	ug/l	ND	12/24/03	BGL	20.0		
2,4-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0		
2,6-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0		
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	12/24/03	BGL	10.0		
Fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Fluorene	ug/l	ND	12/24/03	BGL	5.00		
Hexachlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
Hexachlorobutadiene	ug/l	ND	12/24/03	BGL	10.0		
Hexachlorocyclopentadiene	ug/l	ND	12/24/03	BGL	10.0		
Hexachloroethane	ug/l	ND	12/24/03	BGL	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/24/03	BGL	5.00		
Isophorone	ug/l	ND	12/24/03	BGL	10.0		
o-cresol	ug/l	ND	12/24/03	BGL	10.0		
m & p-Cresol(s)	ug/l	ND	12/24/03	BGL	20.0		
2-Methylnaphthalene	ug/l	ND	12/24/03	BGL	5.00		
Naphthalene	ug/l	ND	12/24/03	BGL	5.00		
2-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

12/29/2003

Page 54 of 100

Project Location: JAMECO

LIMS-BAT #: LIMS-75920

Date Received: 12/18/2003

Job Number: 444-408H

Field Sample #: GEC-19

Sample ID: 03B33209

Sampled: 12/16/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
4-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
Nitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
2-Nitrophenol	ug/l	ND	12/24/03	BGL	10.0		
4-Nitrophenol	ug/l	ND	12/24/03	BGL	20.0		
N-Nitrosodimethylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitrosodiphenylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitroso-di-n-propylamine	ug/l	ND	12/24/03	BGL	10.0		
Pentachlorophenol	ug/l	ND	12/24/03	BGL	10.0		
Phenanthrene	ug/l	ND	12/24/03	BGL	5.00		
Phenol	ug/l	ND	12/24/03	BGL	10.0		
Pyrene	ug/l	ND	12/24/03	BGL	5.00		
Pyridine	ug/l	ND	12/24/03	BGL	10.0		
1,2,4-Trichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
2,4,5-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		
2,4,6-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP
EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: GEC-5

12/29/2003
Page 55 of 100
LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33208

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acenaphthene	ug/l	ND	12/24/03	BGL	5.00			
Acenaphthylene	ug/l	ND	12/24/03	BGL	5.00			
Acetophenone	ug/l	ND	12/24/03	BGL	10.0			
Aniline	ug/l	ND	12/24/03	BGL	10.0			
Anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benaidine	ug/l	ND	12/24/03	BGL	70.0			
Benzoic Acid	ug/l	ND	12/24/03	BGL	30.0			
Benzo(a)anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(a)pyrene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(b)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(g,h,i)perylene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(k)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzyl Alcohol	ug/l	ND	12/24/03	BGL	20.0			
1,1-Biphenyl	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethoxy)methane	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroisopropyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-ethylhexyl)phthalate	ug/l	ND	12/24/03	BGL	10.0			
4-Bromophenyl phenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Butylbenzylphthalate	ug/l	ND	12/24/03	BGL	20.0			
4-Chloroaniline	ug/l	ND	12/24/03	BGL	20.0			
4-Chloro-3-methylphenol	ug/l	ND	12/24/03	BGL	20.0			
2-Chloronaphthalene	ug/l	ND	12/24/03	BGL	10.0			
2-Chlorophenol	ug/l	ND	12/24/03	BGL	10.0			
4-Chlorophenylphenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Chrysene	ug/l	ND	12/24/03	BGL	5.00			
Dibenzofuran	ug/l	ND	12/24/03	BGL	10.0			
Dibenz(a,h)anthracene	ug/l	ND	12/24/03	BGL	5.00			
1,2-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,3-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: GEC-5

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33208

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
3,3-Dichlorobenzidine	ug/l	ND	12/24/03	BGL	5.00		
2,4-Dichlorophenol	ug/l	ND	12/24/03	BGL	10.0		
Diethylphthalate	ug/l	ND	12/24/03	BGL	10.0		
2,4-Dimethylphenol	ug/l	ND	12/24/03	BGL	40.0		
Dimethylphthalate	ug/l	ND	12/24/03	BGL	20.0		
Di-n-butylphthalate	ug/l	ND	12/24/03	BGL	10.0		
Di-n-octylphthalate	ug/l	ND	12/24/03	BGL	20.0		
1,2-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,3-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,4-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
4,6-Dinitro-2-methylphenol	ug/l	ND	12/24/03	BGL	10.0		
2,4-Dinitrophenol	ug/l	ND	12/24/03	BGL	20.0		
2,4-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0		
2,6-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0		
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	12/24/03	BGL	10.0		
Fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Fluorene	ug/l	ND	12/24/03	BGL	5.00		
Hexachlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
Hexachlorobutadiene	ug/l	ND	12/24/03	BGL	10.0		
Hexachlorocyclopentadiene	ug/l	ND	12/24/03	BGL	10.0		
Hexachloroethane	ug/l	ND	12/24/03	BGL	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/24/03	BGL	5.00		
Isophorone	ug/l	ND	12/24/03	BGL	10.0		
o-cresol	ug/l	ND	12/24/03	BGL	10.0		
m & p-Cresol(s)	ug/l	ND	12/24/03	BGL	20.0		
2-Methylnaphthalene	ug/l	ND	12/24/03	BGL	5.00		
Naphthalene	ug/l	ND	12/24/03	BGL	5.00		
2-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		

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60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: GEC-5

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33208

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
4-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
Nitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
2-Nitrophenol	ug/l	ND	12/24/03	BGL	10.0		
4-Nitrophenol	ug/l	ND	12/24/03	BGL	20.0		
N-Nitrosodimethylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitrosodiphenylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitroso-di-n-propylamine	ug/l	ND	12/24/03	BGL	10.0		
Pentachlorophenol	ug/l	ND	12/24/03	BGL	10.0		
Phenanthrene	ug/l	ND	12/24/03	BGL	5.00		
Phenol	ug/l	ND	12/24/03	BGL	10.0		
Pyrene	ug/l	ND	12/24/03	BGL	5.00		
Pyridine	ug/l	ND	12/24/03	BGL	10.0		
1,2,4-Trichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
2,4,5-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		
2,4,6-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP
EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-16

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33197

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Acenaphthene	ug/l	ND	12/24/03	BGL	5.00		
Acenaphthylene	ug/l	ND	12/24/03	BGL	5.00		
Acetophenone	ug/l	ND	12/24/03	BGL	10.0		
Aniline	ug/l	ND	12/24/03	BGL	10.0		
Anthracene	ug/l	ND	12/24/03	BGL	5.00		
Benzidine	ug/l	ND	12/24/03	BGL	70.0		
Benzoic Acid	ug/l	ND	12/24/03	BGL	30.0		
Benzo(a)anthracene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(a)pyrene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(b)fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(g,h,i)perylene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(k)fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Benzyl Alcohol	ug/l	ND	12/24/03	BGL	20.0		
1,1-Biphenyl	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroethoxy)methane	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroethyl)ether	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroisopropyl)ether	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-ethylhexyl)phthalate	ug/l	ND	12/24/03	BGL	10.0		
4-Bromophenyl phenyl ether	ug/l	ND	12/24/03	BGL	10.0		
Butylbenzylphthalate	ug/l	ND	12/24/03	BGL	20.0		
4-Chloroaniline	ug/l	ND	12/24/03	BGL	20.0		
4-Chloro-3-methylphenol	ug/l	ND	12/24/03	BGL	20.0		
2-Chloronaphthalene	ug/l	ND	12/24/03	BGL	10.0		
2-Chlorophenol	ug/l	ND	12/24/03	BGL	10.0		
4-Chlorophenylphenyl ether	ug/l	ND	12/24/03	BGL	10.0		
Chrysene	ug/l	ND	12/24/03	BGL	5.00		
Dibenzofuran	ug/l	ND	12/24/03	BGL	10.0		
Dibenz(a,h)anthracene	ug/l	ND	12/24/03	BGL	5.00		
1,2-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,3-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-16

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33197

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
3,3-Dichlorobenzidine	ug/l	ND	12/24/03	BGL	5.00		
2,4-Dichlorophenol	ug/l	ND	12/24/03	BGL	10.0		
Diethylphthalate	ug/l	ND	12/24/03	BGL	10.0		
2,4-Dimethylphenol	ug/l	ND	12/24/03	BGL	40.0		
Dimethylphthalate	ug/l	ND	12/24/03	BGL	20.0		
Di-n-butylphthalate	ug/l	ND	12/24/03	BGL	10.0		
Di-n-octylphthalate	ug/l	ND	12/24/03	BGL	20.0		
1,2-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,3-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,4-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
4,6-Dinitro-2-methylphenol	ug/l	ND	12/24/03	BGL	10.0		
2,4-Dinitrophenol	ug/l	ND	12/24/03	BGL	20.0		
2,4-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0		
2,6-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0		
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	12/24/03	BGL	10.0		
Fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Fluorene	ug/l	ND	12/24/03	BGL	5.00		
Hexachlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
Hexachlorobutadiene	ug/l	ND	12/24/03	BGL	10.0		
Hexachlorocyclopentadiene	ug/l	ND	12/24/03	BGL	10.0		
Hexachloroethane	ug/l	ND	12/24/03	BGL	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/24/03	BGL	5.00		
Isophorone	ug/l	ND	12/24/03	BGL	10.0		
o-cresol	ug/l	ND	12/24/03	BGL	10.0		
m & p-Cresol(s)	ug/l	ND	12/24/03	BGL	20.0		
2-Methylnaphthalene	ug/l	ND	12/24/03	BGL	5.00		
Naphthalene	ug/l	ND	12/24/03	BGL	5.00		
2-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		

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R. KRANES
 GOLDMAN ENVIRONMENTAL
 60 BROOKS DRIVE
 BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
 Date Received: 12/18/2003
 Field Sample #: MW-16

LIMS-BAT #: LIMS-75920
 Job Number: 444-408H

Sample ID: 03B33197

Sampled: 12/15/2003
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			
4-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			
Nitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
2-Nitrophenol	ug/l	ND	12/24/03	BGL	10.0			
4-Nitrophenol	ug/l	ND	12/24/03	BGL	20.0			
N-Nitrosodimethylamine	ug/l	ND	12/24/03	BGL	10.0			
N-Nitrosodiphenylamine	ug/l	ND	12/24/03	BGL	10.0			
N-Nitroso-di-n-propylamine	ug/l	ND	12/24/03	BGL	10.0			
Pentachlorophenol	ug/l	ND	12/24/03	BGL	10.0			
Phenanthrene	ug/l	ND	12/24/03	BGL	5.00			
Phenol	ug/l	ND	12/24/03	BGL	10.0			
Pyrene	ug/l	ND	12/24/03	BGL	5.00			
Pyridine	ug/l	ND	12/24/03	BGL	10.0			
1,2,4-Trichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
2,4,5-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0			
2,4,6-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP
 EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

12/29/2003
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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-17

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33198

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acenaphthene	ug/l	ND	12/24/03	BGL	5.00			
Acenaphthylene	ug/l	ND	12/24/03	BGL	5.00			
Acetophenone	ug/l	ND	12/24/03	BGL	10.0			
Aniline	ug/l	ND	12/24/03	BGL	10.0			
Anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benzidine	ug/l	ND	12/24/03	BGL	70.0			
Benzoic Acid	ug/l	ND	12/24/03	BGL	30.0			
Benzo(a)anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(a)pyrene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(b)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(g,h,i)perylene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(k)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzyl Alcohol	ug/l	ND	12/24/03	BGL	20.0			
1,1-Biphenyl	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethoxy)methane	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroisopropyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-ethylhexyl)phthalate	ug/l	ND	12/24/03	BGL	10.0			
4-Bromophenyl phenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Butylbenzylphthalate	ug/l	ND	12/24/03	BGL	20.0			
4-Chloroaniline	ug/l	ND	12/24/03	BGL	20.0			
4-Chloro-3-methylphenol	ug/l	ND	12/24/03	BGL	20.0			
2-Chloronaphthalene	ug/l	ND	12/24/03	BGL	10.0			
2-Chlorophenol	ug/l	ND	12/24/03	BGL	10.0			
4-Chlorophenylphenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Chrysene	ug/l	ND	12/24/03	BGL	5.00			
Dibenzofuran	ug/l	ND	12/24/03	BGL	10.0			
Dibenz(a,h)anthracene	ug/l	ND	12/24/03	BGL	5.00			
1,2-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,3-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-17

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33198

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
1,4-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
3,3-Dichlorobenzidine	ug/l	ND	12/24/03	BGL	5.00			
2,4-Dichlorophenol	ug/l	ND	12/24/03	BGL	10.0			
Diethylphthalate	ug/l	ND	12/24/03	BGL	10.0			
2,4-Dimethylphenol	ug/l	ND	12/24/03	BGL	40.0			
Dimethylphthalate	ug/l	ND	12/24/03	BGL	20.0			
Di-n-butylphthalate	ug/l	ND	12/24/03	BGL	10.0			
Di-n-octylphthalate	ug/l	ND	12/24/03	BGL	20.0			
1,2-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,3-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,4-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
4,6-Dinitro-2-methylphenol	ug/l	ND	12/24/03	BGL	10.0			
2,4-Dinitrophenol	ug/l	ND	12/24/03	BGL	20.0			
2,4-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0			
2,6-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0			
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	12/24/03	BGL	10.0			
Fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Fluorene	ug/l	ND	12/24/03	BGL	5.00			
Hexachlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
Hexachlorobutadiene	ug/l	ND	12/24/03	BGL	10.0			
Hexachlorocyclopentadiene	ug/l	ND	12/24/03	BGL	10.0			
Hexachloroethane	ug/l	ND	12/24/03	BGL	10.0			
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/24/03	BGL	5.00			
Isophorone	ug/l	ND	12/24/03	BGL	10.0			
o-cresol	ug/l	ND	12/24/03	BGL	10.0			
m & p-Cresol(s)	ug/l	ND	12/24/03	BGL	20.0			
2-Methylnaphthalene	ug/l	ND	12/24/03	BGL	5.00			
Naphthalene	ug/l	ND	12/24/03	BGL	5.00			
2-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-17

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33198

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
4-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
Nitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
2-Nitrophenol	ug/l	ND	12/24/03	BGL	10.0		
4-Nitrophenol	ug/l	ND	12/24/03	BGL	20.0		
N-Nitrosodimethylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitrosodiphenylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitroso-di-n-propylamine	ug/l	ND	12/24/03	BGL	10.0		
Pentachlorophenol	ug/l	ND	12/24/03	BGL	10.0		
Phenanthrene	ug/l	ND	12/24/03	BGL	5.00		
Phenol	ug/l	ND	12/24/03	BGL	10.0		
Pyrene	ug/l	ND	12/24/03	BGL	5.00		
Pyridine	ug/l	ND	12/24/03	BGL	10.0		
1,2,4-Trichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
2,4,5-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		
2,4,6-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP
EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

RL = Reporting Limit

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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-20

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33199

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acenaphthene	ug/l	ND	12/24/03	BGL	5.00			
Acenaphthylene	ug/l	ND	12/24/03	BGL	5.00			
Acetophenone	ug/l	ND	12/24/03	BGL	10.0			
Aniline	ug/l	ND	12/24/03	BGL	10.0			
Anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benzidine	ug/l	ND	12/24/03	BGL	70.0			
Benzoic Acid	ug/l	ND	12/24/03	BGL	30.0			
Benzo(a)anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(a)pyrene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(b)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(g,h,i)perylene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(k)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzyl Alcohol	ug/l	ND	12/24/03	BGL	20.0			
1,1-Biphenyl	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethoxy)methane	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroisopropyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-ethylhexyl)phthalate	ug/l	ND	12/24/03	BGL	10.0			
4-Bromophenyl phenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Butylbenzylphthalate	ug/l	ND	12/24/03	BGL	20.0			
4-Chloroaniline	ug/l	ND	12/24/03	BGL	20.0			
4-Chloro-3-methylphenol	ug/l	ND	12/24/03	BGL	20.0			
2-Chloronaphthalene	ug/l	ND	12/24/03	BGL	10.0			
2-Chlorophenol	ug/l	ND	12/24/03	BGL	10.0			
4-Chlorophenylphenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Chrysene	ug/l	ND	12/24/03	BGL	5.00			
Dibenzofuran	ug/l	ND	12/24/03	BGL	10.0			
Dibenz(a,h)anthracene	ug/l	ND	12/24/03	BGL	5.00			
1,2-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,3-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			

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GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-20

Sample ID: 03B33199

Sampled: 12/15/2003

NOT SPECIFIED

LIMS-BAT #: LIMS-75920

Job Number: 444-408H

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
3,3-Dichlorobenzidine	ug/l	ND	12/24/03	BGL	5.00			
2,4-Dichlorophenol	ug/l	ND	12/24/03	BGL	10.0			
Diethylphthalate	ug/l	ND	12/24/03	BGL	10.0			
2,4-Dimethylphenol	ug/l	ND	12/24/03	BGL	40.0			
Dimethylphthalate	ug/l	ND	12/24/03	BGL	20.0			
Di-n-butylphthalate	ug/l	ND	12/24/03	BGL	10.0			
Di-n-octylphthalate	ug/l	ND	12/24/03	BGL	20.0			
1,2-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,3-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,4-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
4,6-Dinitro-2-methylphenol	ug/l	ND	12/24/03	BGL	10.0			
2,4-Dinitrophenol	ug/l	ND	12/24/03	BGL	20.0			
2,4-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0			
2,6-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0			
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	12/24/03	BGL	10.0			
Fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Fluorene	ug/l	ND	12/24/03	BGL	5.00			
Hexachlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
Hexachlorobutadiene	ug/l	ND	12/24/03	BGL	10.0			
Hexachlorocyclopentadiene	ug/l	ND	12/24/03	BGL	10.0			
Hexachloroethane	ug/l	ND	12/24/03	BGL	10.0			
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/24/03	BGL	5.00			
Isophorone	ug/l	ND	12/24/03	BGL	10.0			
o-cresol	ug/l	ND	12/24/03	BGL	10.0			
m & p-Cresol(s)	ug/l	ND	12/24/03	BGL	20.0			
2-Methylnaphthalene	ug/l	ND	12/24/03	BGL	5.00			
Naphthalene	ug/l	ND	12/24/03	BGL	5.00			
2-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			

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R. KRANES
 GOLDMAN ENVIRONMENTAL
 60 BROOKS DRIVE
 BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
 Date Received: 12/18/2003
 Field Sample #: MW-20

LIMS-BAT #: LIMS-75920
 Job Number: 444-408H

Sample ID : 03B33199

Sampled : 12/15/2003
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			
4-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			
Nitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
2-Nitrophenol	ug/l	ND	12/24/03	BGL	10.0			
4-Nitrophenol	ug/l	ND	12/24/03	BGL	20.0			
N-Nitrosodimethylamine	ug/l	ND	12/24/03	BGL	10.0			
N-Nitrosodiphenylamine	ug/l	ND	12/24/03	BGL	10.0			
N-Nitroso-di-n-propylamine	ug/l	ND	12/24/03	BGL	10.0			
Pentachlorophenol	ug/l	ND	12/24/03	BGL	10.0			
Phenanthrene	ug/l	ND	12/24/03	BGL	5.00			
Phenol	ug/l	ND	12/24/03	BGL	10.0			
Pyrene	ug/l	ND	12/24/03	BGL	5.00			
Pyridine	ug/l	ND	12/24/03	BGL	10.0			
1,2,4-Trichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
2,4,5-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0			
2,4,6-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP
 EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-21

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33200

Sampled : 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acenaphthene	ug/l	ND	12/24/03	BGL	5.00		
Acenaphthylene	ug/l	ND	12/24/03	BGL	5.00		
Acetophenone	ug/l	ND	12/24/03	BGL	10.0		
Aniline	ug/l	ND	12/24/03	BGL	10.0		
Anthracene	ug/l	ND	12/24/03	BGL	5.00		
Benzidine	ug/l	ND	12/24/03	BGL	70.0		
Benzoic Acid	ug/l	ND	12/24/03	BGL	30.0		
Benzo(a)anthracene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(a)pyrene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(b)fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(g,h,i)perylene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(k)fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Benzyl Alcohol	ug/l	ND	12/24/03	BGL	20.0		
1,1-Biphenyl	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroethoxy)methane	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroethyl)ether	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroisopropyl)ether	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-ethylhexyl)phthalate	ug/l	ND	12/24/03	BGL	10.0		
4-Bromophenyl phenyl ether	ug/l	ND	12/24/03	BGL	10.0		
Butylbenzylphthalate	ug/l	ND	12/24/03	BGL	20.0		
4-Chloroaniline	ug/l	ND	12/24/03	BGL	20.0		
4-Chloro-3-methylphenol	ug/l	ND	12/24/03	BGL	20.0		
2-Chloronaphthalene	ug/l	ND	12/24/03	BGL	10.0		
2-Chlorophenol	ug/l	ND	12/24/03	BGL	10.0		
4-Chlorophenylphenyl ether	ug/l	ND	12/24/03	BGL	10.0		
Chrysene	ug/l	ND	12/24/03	BGL	5.00		
Dibenzofuran	ug/l	ND	12/24/03	BGL	10.0		
Dibenz(a,h)anthracene	ug/l	ND	12/24/03	BGL	5.00		
1,2-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,3-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
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Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-21

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33200

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
3,3-Dichlorobenzidine	ug/l	ND	12/24/03	BGL	5.00			
2,4-Dichlorophenol	ug/l	ND	12/24/03	BGL	10.0			
Diethylphthalate	ug/l	ND	12/24/03	BGL	10.0			
2,4-Dimethylphenol	ug/l	ND	12/24/03	BGL	40.0			
Dimethylphthalate	ug/l	ND	12/24/03	BGL	20.0			
Di-n-butylphthalate	ug/l	ND	12/24/03	BGL	10.0			
Di-n-octylphthalate	ug/l	ND	12/24/03	BGL	20.0			
1,2-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,3-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,4-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
4,6-Dinitro-2-methylphenol	ug/l	ND	12/24/03	BGL	10.0			
2,4-Dinitrophenol	ug/l	ND	12/24/03	BGL	20.0			
2,4-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0			
2,6-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0			
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	12/24/03	BGL	10.0			
Fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Fluorene	ug/l	ND	12/24/03	BGL	5.00			
Hexachlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
Hexachlorobutadiene	ug/l	ND	12/24/03	BGL	10.0			
Hexachlorocyclopentadiene	ug/l	ND	12/24/03	BGL	10.0			
Hexachloroethane	ug/l	ND	12/24/03	BGL	10.0			
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/24/03	BGL	5.00			
Isophorone	ug/l	ND	12/24/03	BGL	10.0			
o-cresol	ug/l	ND	12/24/03	BGL	10.0			
m & p-Cresol(s)	ug/l	ND	12/24/03	BGL	20.0			
2-Methylnaphthalene	ug/l	ND	12/24/03	BGL	5.00			
Naphthalene	ug/l	ND	12/24/03	BGL	5.00			
2-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			

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R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

12/29/2003

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Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-21

LIMS-BAT #: LIMS-75920

Job Number: 444-408H

Sample ID : 03B33200

Sampled : 12/16/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
4-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
Nitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
2-Nitrophenol	ug/l	ND	12/24/03	BGL	10.0		
4-Nitrophenol	ug/l	ND	12/24/03	BGL	20.0		
N-Nitrosodimethylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitrosodiphenylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitroso-di-n-propylamine	ug/l	ND	12/24/03	BGL	10.0		
Pentachlorophenol	ug/l	ND	12/24/03	BGL	10.0		
Phenanthrene	ug/l	ND	12/24/03	BGL	5.00		
Phenol	ug/l	ND	12/24/03	BGL	10.0		
Pyrene	ug/l	ND	12/24/03	BGL	5.00		
Pyridine	ug/l	ND	12/24/03	BGL	10.0		
1,2,4-Trichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
2,4,5-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		
2,4,6-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP
EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

12/29/2003
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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-23

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33201

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Acenaphthene	ug/l	ND	12/24/03	BGL	5.00		
Acenaphthylene	ug/l	ND	12/24/03	BGL	5.00		
Acetophenone	ug/l	ND	12/24/03	BGL	10.0		
Aniline	ug/l	ND	12/24/03	BGL	10.0		
Anthracene	ug/l	ND	12/24/03	BGL	5.00		
Benzidine	ug/l	ND	12/24/03	BGL	70.0		
Benzoic Acid	ug/l	ND	12/24/03	BGL	30.0		
Benzo(a)anthracene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(a)pyrene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(b)fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(g,h,i)perylene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(k)fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Benzyl Alcohol	ug/l	ND	12/24/03	BGL	20.0		
1,1-Biphenyl	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroethoxy)methane	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroethyl)ether	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroisopropyl)ether	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-ethylhexyl)phthalate	ug/l	ND	12/24/03	BGL	10.0		
4-Bromophenyl phenyl ether	ug/l	ND	12/24/03	BGL	10.0		
Butylbenzylphthalate	ug/l	ND	12/24/03	BGL	20.0		
4-Chloroaniline	ug/l	ND	12/24/03	BGL	20.0		
4-Chloro-3-methylphenol	ug/l	ND	12/24/03	BGL	20.0		
2-Chloronaphthalene	ug/l	ND	12/24/03	BGL	10.0		
2-Chlorophenol	ug/l	ND	12/24/03	BGL	10.0		
4-Chlorophenylphenyl ether	ug/l	ND	12/24/03	BGL	10.0		
Chrysene	ug/l	ND	12/24/03	BGL	5.00		
Dibenzofuran	ug/l	ND	12/24/03	BGL	10.0		
Dibenz(a,h)anthracene	ug/l	ND	12/24/03	BGL	5.00		
1,2-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,3-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-23

LIMS-BAT #: LIMS-75920

Job Number: 444-408H

Sample ID : 03B33201

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
3,3-Dichlorobenzidine	ug/l	ND	12/24/03	BGL	5.00			
2,4-Dichlorophenol	ug/l	ND	12/24/03	BGL	10.0			
Diethylphthalate	ug/l	ND	12/24/03	BGL	10.0			
2,4-Dimethylphenol	ug/l	ND	12/24/03	BGL	40.0			
Dimethylphthalate	ug/l	ND	12/24/03	BGL	20.0			
Di-n-butylphthalate	ug/l	ND	12/24/03	BGL	10.0			
Di-n-octylphthalate	ug/l	ND	12/24/03	BGL	20.0			
1,2-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,3-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,4-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
4,6-Dinitro-2-methylphenol	ug/l	ND	12/24/03	BGL	10.0			
2,4-Dinitrophenol	ug/l	ND	12/24/03	BGL	20.0			
2,4-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0			
2,6-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0			
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	12/24/03	BGL	10.0			
Fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Fluorene	ug/l	ND	12/24/03	BGL	5.00			
Hexachlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
Hexachlorobutadiene	ug/l	ND	12/24/03	BGL	10.0			
Hexachlorocyclopentadiene	ug/l	ND	12/24/03	BGL	10.0			
Hexachloroethane	ug/l	ND	12/24/03	BGL	10.0			
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/24/03	BGL	5.00			
Isophorone	ug/l	ND	12/24/03	BGL	10.0			
o-cresol	ug/l	ND	12/24/03	BGL	10.0			
m & p-Cresol(s)	ug/l	ND	12/24/03	BGL	20.0			
2-Methylnaphthalene	ug/l	ND	12/24/03	BGL	5.00			
Naphthalene	ug/l	ND	12/24/03	BGL	5.00			
2-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-23

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33201

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
4-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
Nitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
2-Nitrophenol	ug/l	ND	12/24/03	BGL	10.0		
4-Nitrophenol	ug/l	ND	12/24/03	BGL	20.0		
N-Nitrosodimethylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitrosodiphenylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitroso-di-n-propylamine	ug/l	ND	12/24/03	BGL	10.0		
Pentachlorophenol	ug/l	ND	12/24/03	BGL	10.0		
Phenanthrene	ug/l	ND	12/24/03	BGL	5.00		
Phenol	ug/l	ND	12/24/03	BGL	10.0		
Pyrene	ug/l	ND	12/24/03	BGL	5.00		
Pyridine	ug/l	ND	12/24/03	BGL	10.0		
1,2,4-Trichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
2,4,5-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		
2,4,6-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP
EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

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R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-26R

Sample ID: 03B33203

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

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LIMS-BAT #: LIMS-75920

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acenaphthene	ug/l	ND	12/24/03	BGL	5.00			
Acenaphthylene	ug/l	ND	12/24/03	BGL	5.00			
Acetophenone	ug/l	ND	12/24/03	BGL	10.0			
Aniline	ug/l	ND	12/24/03	BGL	10.0			
Anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benzidine	ug/l	ND	12/24/03	BGL	70.0			
Benzoic Acid	ug/l	ND	12/24/03	BGL	30.0			
Benzo(a)anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(a)pyrene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(b)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(g,h,i)perylene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(k)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzyl Alcohol	ug/l	ND	12/24/03	BGL	20.0			
1,1-Biphenyl	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethoxy)methane	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroisopropyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-ethylhexyl)phthalate	ug/l	ND	12/24/03	BGL	10.0			
4-Bromophenyl phenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Butylbenzylphthalate	ug/l	ND	12/24/03	BGL	20.0			
4-Chloroaniline	ug/l	ND	12/24/03	BGL	20.0			
4-Chloro-3-methylphenol	ug/l	ND	12/24/03	BGL	20.0			
2-Chloronaphthalene	ug/l	ND	12/24/03	BGL	10.0			
2-Chlorophenol	ug/l	ND	12/24/03	BGL	10.0			
4-Chlorophenylphenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Chrysene	ug/l	ND	12/24/03	BGL	5.00			
Dibenzofuran	ug/l	ND	12/24/03	BGL	10.0			
Dibenz(a,h)anthracene	ug/l	ND	12/24/03	BGL	5.00			
1,2-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,3-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-26R

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33203

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
1,4-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
3,3-Dichlorobenzidine	ug/l	ND	12/24/03	BGL	5.00			
2,4-Dichlorophenol	ug/l	ND	12/24/03	BGL	10.0			
Diethylphthalate	ug/l	ND	12/24/03	BGL	10.0			
2,4-Dimethylphenol	ug/l	ND	12/24/03	BGL	40.0			
Dimethylphthalate	ug/l	ND	12/24/03	BGL	20.0			
Di-n-butylphthalate	ug/l	ND	12/24/03	BGL	10.0			
Di-n-octylphthalate	ug/l	ND	12/24/03	BGL	20.0			
1,2-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,3-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,4-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
4,6-Dinitro-2-methylphenol	ug/l	ND	12/24/03	BGL	10.0			
2,4-Dinitrophenol	ug/l	ND	12/24/03	BGL	20.0			
2,4-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0			
2,6-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0			
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	12/24/03	BGL	10.0			
Fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Fluorene	ug/l	ND	12/24/03	BGL	5.00			
Hexachlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
Hexachlorobutadiene	ug/l	ND	12/24/03	BGL	10.0			
Hexachlorocyclopentadiene	ug/l	ND	12/24/03	BGL	10.0			
Hexachloroethane	ug/l	ND	12/24/03	BGL	10.0			
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/24/03	BGL	5.00			
Isophorone	ug/l	ND	12/24/03	BGL	10.0			
o-cresol	ug/l	ND	12/24/03	BGL	10.0			
m & p-Cresol(s)	ug/l	ND	12/24/03	BGL	20.0			
2-Methylnaphthalene	ug/l	ND	12/24/03	BGL	5.00			
Naphthalene	ug/l	ND	12/24/03	BGL	5.00			
2-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			

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R. KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-26R

Sample ID: 03B33203

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

12/29/2003

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LIMS-BAT #: LIMS-75920

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			
4-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			
Nitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
2-Nitrophenol	ug/l	ND	12/24/03	BGL	10.0			
4-Nitrophenol	ug/l	ND	12/24/03	BGL	20.0			
N-Nitrosodimethylamine	ug/l	ND	12/24/03	BGL	10.0			
N-Nitrosodiphenylamine	ug/l	ND	12/24/03	BGL	10.0			
N-Nitroso-di-n-propylamine	ug/l	ND	12/24/03	BGL	10.0			
Pentachlorophenol	ug/l	ND	12/24/03	BGL	10.0			
Phenanthrene	ug/l	ND	12/24/03	BGL	5.00			
Phenol	ug/l	ND	12/24/03	BGL	10.0			
Pyrene	ug/l	ND	12/24/03	BGL	5.00			
Pyridine	ug/l	ND	12/24/03	BGL	10.0			
1,2,4-Trichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
2,4,5-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0			
2,4,6-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-5R

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33191

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acenaphthene	ug/l	ND	12/24/03	BGL	5.00		
Acenaphthylene	ug/l	ND	12/24/03	BGL	5.00		
Acetophenone	ug/l	ND	12/24/03	BGL	10.0		
Aniline	ug/l	ND	12/24/03	BGL	10.0		
Anthracene	ug/l	ND	12/24/03	BGL	5.00		
Benzidine	ug/l	ND	12/24/03	BGL	70.0		
Benzoic Acid	ug/l	ND	12/24/03	BGL	30.0		
Benzo(a)anthracene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(a)pyrene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(b)fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(g,h,i)perylene	ug/l	ND	12/24/03	BGL	5.00		
Benzo(k)fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Benzyl Alcohol	ug/l	ND	12/24/03	BGL	20.0		
1,1-Biphenyl	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroethoxy)methane	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroethyl)ether	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-chloroisopropyl)ether	ug/l	ND	12/24/03	BGL	10.0		
Bis(2-ethylhexyl)phthalate	ug/l	ND	12/24/03	BGL	10.0		
4-Bromophenyl phenyl ether	ug/l	ND	12/24/03	BGL	10.0		
Butylbenzylphthalate	ug/l	ND	12/24/03	BGL	20.0		
4-Chloroaniline	ug/l	ND	12/24/03	BGL	20.0		
4-Chloro-3-methylphenol	ug/l	ND	12/24/03	BGL	20.0		
2-Chloronaphthalene	ug/l	ND	12/24/03	BGL	10.0		
2-Chlorophenol	ug/l	ND	12/24/03	BGL	10.0		
4-Chlorophenylphenyl ether	ug/l	ND	12/24/03	BGL	10.0		
Chrysene	ug/l	ND	12/24/03	BGL	5.00		
Dibenzofuran	ug/l	ND	12/24/03	BGL	10.0		
Dibenz(a,h)anthracene	ug/l	ND	12/24/03	BGL	5.00		
1,2-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,3-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-5R

12/29/2003
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LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33191

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
3,3-Dichlorobenzidine	ug/l	ND	12/24/03	BGL	5.00		
2,4-Dichlorophenol	ug/l	ND	12/24/03	BGL	10.0		
Diethylphthalate	ug/l	ND	12/24/03	BGL	10.0		
2,4-Dimethylphenol	ug/l	ND	12/24/03	BGL	40.0		
Dimethylphthalate	ug/l	ND	12/24/03	BGL	20.0		
Di-n-butylphthalate	ug/l	ND	12/24/03	BGL	10.0		
Di-n-octylphthalate	ug/l	ND	12/24/03	BGL	20.0		
1,2-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,3-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,4-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
4,6-Dinitro-2-methylphenol	ug/l	ND	12/24/03	BGL	10.0		
2,4-Dinitrophenol	ug/l	ND	12/24/03	BGL	20.0		
2,4-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0		
2,6-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0		
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	12/24/03	BGL	10.0		
Fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Fluorene	ug/l	ND	12/24/03	BGL	5.00		
Hexachlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
Hexachlorobutadiene	ug/l	ND	12/24/03	BGL	10.0		
Hexachlorocyclopentadiene	ug/l	ND	12/24/03	BGL	10.0		
Hexachloroethane	ug/l	ND	12/24/03	BGL	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/24/03	BGL	5.00		
Isophorone	ug/l	ND	12/24/03	BGL	10.0		
o-cresol	ug/l	ND	12/24/03	BGL	10.0		
m & p-Cresol(s)	ug/l	ND	12/24/03	BGL	20.0		
2-Methylnaphthalene	ug/l	ND	12/24/03	BGL	5.00		
Naphthalene	ug/l	ND	12/24/03	BGL	5.00		
2-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		

RL = Reporting Limit

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NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-5R

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33191

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			
4-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0			
Nitrobenzene	ug/l	ND	12/24/03	BGL	10.0			
2-Nitrophenol	ug/l	ND	12/24/03	BGL	10.0			
4-Nitrophenol	ug/l	ND	12/24/03	BGL	20.0			
N-Nitrosodimethylamine	ug/l	ND	12/24/03	BGL	10.0			
N-Nitrosodiphenylamine	ug/l	ND	12/24/03	BGL	10.0			
N-Nitroso-di-n-propylamine	ug/l	ND	12/24/03	BGL	10.0			
Pentachlorophenol	ug/l	ND	12/24/03	BGL	10.0			
Phenanthrene	ug/l	ND	12/24/03	BGL	5.00			
Phenol	ug/l	ND	12/24/03	BGL	10.0			
Pyrene	ug/l	ND	12/24/03	BGL	5.00			
Pyridine	ug/l	ND	12/24/03	BGL	10.0			
1,2,4-Trichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
2,4,5-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0			
2,4,6-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP
EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

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ND = Not Detected

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SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
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Purchase Order No.:

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-6R

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33192

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acenaphthene	ug/l	ND	12/24/03	BGL	5.00			
Acenaphthylene	ug/l	ND	12/24/03	BGL	5.00			
Acetophenone	ug/l	ND	12/24/03	BGL	10.0			
Aniline	ug/l	ND	12/24/03	BGL	10.0			
Anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benidine	ug/l	ND	12/24/03	BGL	70.0			
Benzoic Acid	ug/l	ND	12/24/03	BGL	30.0			
Benzo(a)anthracene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(a)pyrene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(b)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(g,h,i)perylene	ug/l	ND	12/24/03	BGL	5.00			
Benzo(k)fluoranthene	ug/l	ND	12/24/03	BGL	5.00			
Benzyl Alcohol	ug/l	ND	12/24/03	BGL	20.0			
1,1-Biphenyl	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethoxy)methane	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroethyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-chloroisopropyl)ether	ug/l	ND	12/24/03	BGL	10.0			
Bis(2-ethylhexyl)phthalate	ug/l	ND	12/24/03	BGL	10.0			
4-Bromophenyl phenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Butylbenzylphthalate	ug/l	ND	12/24/03	BGL	20.0			
4-Chloroaniline	ug/l	ND	12/24/03	BGL	20.0			
4-Chloro-3-methylphenol	ug/l	ND	12/24/03	BGL	20.0			
2-Chloronaphthalene	ug/l	ND	12/24/03	BGL	10.0			
2-Chlorophenol	ug/l	ND	12/24/03	BGL	10.0			
4-Chlorophenylphenyl ether	ug/l	ND	12/24/03	BGL	10.0			
Chrysene	ug/l	ND	12/24/03	BGL	5.00			
Dibenzofuran	ug/l	ND	12/24/03	BGL	10.0			
Dibenz(a,h)anthracene	ug/l	ND	12/24/03	BGL	5.00			
1,2-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			
1,3-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0			

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-6R

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33192

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
3,3-Dichlorobenzidine	ug/l	ND	12/24/03	BGL	5.00		
2,4-Dichlorophenol	ug/l	ND	12/24/03	BGL	10.0		
Diethylphthalate	ug/l	ND	12/24/03	BGL	10.0		
2,4-Dimethylphenol	ug/l	ND	12/24/03	BGL	40.0		
Dimethylphthalate	ug/l	ND	12/24/03	BGL	20.0		
Di-n-butylphthalate	ug/l	ND	12/24/03	BGL	10.0		
Di-n-octylphthalate	ug/l	ND	12/24/03	BGL	20.0		
1,2-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,3-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
1,4-Dinitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
4,6-Dinitro-2-methylphenol	ug/l	ND	12/24/03	BGL	10.0		
2,4-Dinitrophenol	ug/l	ND	12/24/03	BGL	20.0		
2,4-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0		
2,6-Dinitrotoluene	ug/l	ND	12/24/03	BGL	10.0		
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	12/24/03	BGL	10.0		
Fluoranthene	ug/l	ND	12/24/03	BGL	5.00		
Fluorene	ug/l	ND	12/24/03	BGL	5.00		
Hexachlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
Hexachlorobutadiene	ug/l	ND	12/24/03	BGL	10.0		
Hexachlorocyclopentadiene	ug/l	ND	12/24/03	BGL	10.0		
Hexachloroethane	ug/l	ND	12/24/03	BGL	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	12/24/03	BGL	5.00		
Isophorone	ug/l	ND	12/24/03	BGL	10.0		
o-cresol	ug/l	ND	12/24/03	BGL	10.0		
m & p-Cresol(s)	ug/l	ND	12/24/03	BGL	20.0		
2-Methylnaphthalene	ug/l	ND	12/24/03	BGL	5.00		
Naphthalene	ug/l	ND	12/24/03	BGL	5.00		
2-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		

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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-6R

Purchase Order No.:

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33192

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
3-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
4-Nitroaniline	ug/l	ND	12/24/03	BGL	10.0		
Nitrobenzene	ug/l	ND	12/24/03	BGL	10.0		
2-Nitrophenol	ug/l	ND	12/24/03	BGL	10.0		
4-Nitrophenol	ug/l	ND	12/24/03	BGL	20.0		
N-Nitrosodimethylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitrosodiphenylamine	ug/l	ND	12/24/03	BGL	10.0		
N-Nitroso-di-n-propylamine	ug/l	ND	12/24/03	BGL	10.0		
Pentachlorophenol	ug/l	ND	12/24/03	BGL	10.0		
Phenanthrene	ug/l	ND	12/24/03	BGL	5.00		
Phenol	ug/l	ND	12/24/03	BGL	10.0		
Pyrene	ug/l	ND	12/24/03	BGL	5.00		
Pyridine	ug/l	ND	12/24/03	BGL	10.0		
1,2,4-Trichlorobenzene	ug/l	ND	12/24/03	BGL	10.0		
2,4,5-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		
2,4,6-Trichlorophenol	ug/l	ND	12/24/03	BGL	10.0		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP
EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

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Purchase Order No.:

Project Location: LONG ISLAND NY.
Date Received: 12/16/2003
Field Sample #: GEC-1

LI
Jc GROUNDWATER

Sample ID : *03B32876

Sampled : 12/15/2003
NOT SPECIFIED

HEXIVALENT CHROM

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004

Field Sample #: GEC-2

Sample ID : *03B32877

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004			

Field Sample #: GEC-3

Sample ID : *03B32878

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004			

Field Sample #: GEC-4

Sample ID : *03B32879

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004			

Field Sample #: MW-10

Sample ID : *03B32883

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004			

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Purchase Order No.:

Project Location: LONG ISLAND NY.
Date Received: 12/16/2003
Field Sample #: MW-11

LIMS-BAT #: LIMS-75857
Job Number: -

Sample ID: *03B32884
Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004		

Field Sample #: MW-12

Sample ID: *03B32885
Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004		

Field Sample #: MW-16

Sample ID: *03B32886
Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004		

Field Sample #: MW-26R

Sample ID: 03B32887
Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004		

Field Sample #: MW-5R

Sample ID: 03B32880
Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004		

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Project Location: LONG ISLAND NY.
Date Received: 12/16/2003
Field Sample #: MW-6R

Purchase Order No.:

LIMS-BAT #: LIMS-75857
Job Number: -

Sample ID : 03B32881

Sampled : 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004		

Field Sample #: MW-7

Sample ID : 03B32882

Sampled : 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium (+6)	mg/l	ND	12/16/03	SBP	0.004		

Analytical Method:

SM 3500-Cr D

COLORIMETRIC DETERMINATION WITH ACIDIC S-DIPHENYLCARBAZIDE

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Purchase Order No.:

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Project Location: LONG ISLAND NY.

Date Received: 12/16/2003

Field Sample #: GEC-1

Sample ID: 03B32876

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

LIMS-BAT #: LIMS-75857

Joi GROUNDWATER

TOTAL
Chromium

	Units	Results	Date Analyzed	Analyst	RL
Chromium	mg/l	ND	12/19/03	PM	0.007

Field Sample #: GEC-2

Sample ID: 03B32877

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/l	ND	12/19/03	PM	0.007		

Field Sample #: GEC-3

Sample ID: 03B32878

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/l	0.012	12/19/03	PM	0.007		

Field Sample #: GEC-4

Sample ID: 03B32879

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/l	ND	12/19/03	PM	0.007		

Field Sample #: MW-10

Sample ID: 03B32883

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/l	0.011	12/19/03	PM	0.007		

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BRAINTREE, MA 02184

12/23/2003

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Purchase Order No.:

Project Location: LONG ISLAND NY.

LIMS-BAT #: LIMS-75857

Date Received: 12/16/2003

Job Number: -

Field Sample #: MW-11

Sample ID: 03B32884

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/l	0.015	12/19/03	PM	0.007		

Field Sample #: MW-12

Sample ID: 03B32885

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/l	0.007	12/19/03	PM	0.007		

Field Sample #: MW-16

Sample ID: 03B32886

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/l	ND	12/19/03	PM	0.007		

Field Sample #: MW-26R

Sample ID: 03B32887

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/l	ND	12/19/03	PM	0.007		

Field Sample #: MW-5R

Sample ID: 03B32880

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/l	ND	12/19/03	PM	0.007		

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12/23/2003
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Purchase Order No.:

Project Location: LONG ISLAND NY.
Date Received: 12/16/2003
Field Sample #: MW-6R

LIMS-BAT #: LIMS-75857
Job Number: -

Sample ID : 03B32881

Sampled : 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/l	ND	12/19/03	PM	0.007		

Field Sample #: MW-7

Sample ID : 03B32882

Sampled : 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/l	ND	12/19/03	PM	0.007		

Analytical Method:

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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* = See end of report for comments and notes applying to this sample



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BRAINTREE, MA 02184

12/23/2003
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Project Location: LONG ISLAND NY.

Date Received: 12/16/2003

Field Sample #: GEC-1

Sample ID : 03B32876

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

GROUNDWATER
TRIVALENT
CHROMIUM

Units	Results	Date Analyzed	Analyst	RL
SPECIAL TEST				
12/22/03 SBP				
HEXAVALENT CHROMIUM=<0.004 MG/L				
TOTAL CHROMIUM= <0.007 MG/L				
TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALANT CHROMIUM				
= <0.007 MG/L				

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

Field Sample #: GEC-2

Sample ID : 03B32877

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/22/03 SBP						
HEXAVALENT CHROMIUM=<0.004 MG/L						
TOTAL CHROMIUM= <0.007 MG/L						
TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALANT CHROMIUM						
= <0.007 MG/L						

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: LONG ISLAND NY.

Date Received: 12/16/2003

Field Sample #: GEC-3

LIMS-BAT #: LIMS-75857

Job Number: -

Sample ID : 03B32878

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST		12/22/03	SBP			

HEXAVALENT CHROMIUM=<0.004 MG/L

TOTAL CHROMIUM= 0.012 MG/L

TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALANT CHROMIUM
= 0.012 MG/L

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

Field Sample #: GEC-4

Sample ID : 03B32879

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST		12/22/03	SBP			

HEXAVALANT CHROMIUM=<0.004 MG/L

TOTAL CHROMIUM= <0.007 MG/L

TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALANT CHROMIUM
= <0.007 MG/L

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: LONG ISLAND NY.
Date Received: 12/16/2003
Field Sample #: MW-10

LIMS-BAT #: LIMS-75857
Job Number: -

Sample ID: 03B32883

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
		12/22/03	SBP			

SPECIAL TEST

HEXAVALENT CHROMIUM=<0.004 MG/L

TOTAL CHROMIUM= 0.011 MG/L

TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALANT CHROMIUM
= 0.011 MG/L

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

Field Sample #: MW-11

Sample ID: 03B32884

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
		12/22/03	SBP			

SPECIAL TEST

HEXAVALENT CHROMIUM=<0.004 MG/L

TOTAL CHROMIUM=0.015 MG/L

TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALANT CHROMIUM
= 0.015 MG/L

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: LONG ISLAND NY.

LIMS-BAT #: LIMS-75857

Date Received: 12/16/2003

Job Number: -

Field Sample #: MW-12

Sample ID: 03B32885

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/22/03 SBP						
HEXAVALENT CHROMIUM=<0.004 MG/L						
TOTAL CHROMIUM=0.007 MG/L						
TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALENT CHROMIUM						
= 0.007 MG/L						

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

Field Sample #: MW-16

Sample ID: 03B32886

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/22/03 SBP						
HEXAVALENT CHROMIUM=<0.004 MG/L						
TOTAL CHROMIUM=<0.007 MG/L						
TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALENT CHROMIUM						
= <0.007 MG/L						

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

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Purchase Order No.:

Project Location: LONG ISLAND NY.

LIMS-BAT #: LIMS-75857

Date Received: 12/16/2003

Job Number: -

Field Sample #: MW-26R

Sample ID: 03B32887

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/22/03 SBP						
HEXAVALENT CHROMIUM=<0.004 MG/L						
TOTAL CHROMIUM=<0.007 MG/L						
TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALENT CHROMIUM						
= <0.007 MG/L						

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

Field Sample #: MW-5R

Sample ID: 03B32880

Sampled: 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/22/03 SBP						
HEXAVALENT CHROMIUM=<0.004 MG/L						
TOTAL CHROMIUM= <0.007 MG/L						
TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALENT CHROMIUM						
= <0.007 MG/L						

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

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Purchase Order No.:

Project Location: LONG ISLAND NY.
Date Received: 12/16/2003
Field Sample #: MW-6R

LIMS-BAT #: LIMS-75857
Job Number: -

Sample ID : 03B32881

Sampled : 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST		12/22/03	SBP			

HEXAVALENT CHROMIUM=<0.004 MG/L

TOTAL CHROMIUM= <0.007 MG/L

TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= <0.007 MG/L

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

Field Sample #: MW-7

Sample ID : 03B32882

Sampled : 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST		12/22/03	SBP			

HEXAVALENT CHROMIUM=<0.004 MG/L

TOTAL CHROMIUM= <0.007 MG/L

TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= <0.007 MG/L

Note: Total Chromium analysis performed as dissolved chromium (on a filtered portion).

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determine PASS (P) or FAIL (F) condition of results.

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Purchase Order No.:

Project Location: LONG ISLAND NY.
Date Received: 12/16/2003

LIMS-BAT #: LIMS-75857
Job Number: -

The following notes were attached to the reported analysis :

Sample ID: * 03B32876

Analysis: Chromium (+6)

SAMPLE RECEIVED AFTER RECOMMENDED HOLDING TIME WAS EXCEEDED.

Sample ID: * 03B32877

Analysis: Chromium (+6)

SAMPLE RECEIVED AFTER RECOMMENDED HOLDING TIME WAS EXCEEDED.

Sample ID: * 03B32878

Analysis: Chromium (+6)

SAMPLE RECEIVED AFTER RECOMMENDED HOLDING TIME WAS EXCEEDED.

Sample ID: * 03B32879

Analysis: Chromium (+6)

SAMPLE RECEIVED AFTER RECOMMENDED HOLDING TIME WAS EXCEEDED.

Sample ID: * 03B32883

Analysis: Chromium (+6)

SAMPLE RECEIVED AFTER RECOMMENDED HOLDING TIME WAS EXCEEDED.

Sample ID: * 03B32884

Analysis: Chromium (+6)

SAMPLE RECEIVED AFTER RECOMMENDED HOLDING TIME WAS EXCEEDED.

Sample ID: * 03B32885

Analysis: Chromium (+6)

SAMPLE RECEIVED AFTER RECOMMENDED HOLDING TIME WAS EXCEEDED.

Sample ID: * 03B32886

Analysis: Chromium (+6)

SAMPLE RECEIVED AFTER RECOMMENDED HOLDING TIME WAS EXCEEDED.

** END OF REPORT **

RL = Reporting Limit

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* = See end of report for comments and notes applying to this sample



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REPORT DATE 12/23/2003

GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184
ATTN: RICK KRANES

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-75914

JOB NUMBER: 744-408H

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: JAMECO

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST
MW-02	03B33158	GRND WATER	NOT SPECIFIED	chromium (+6)
MW-02	03B33162	GRND WATER	NOT SPECIFIED	wet special test
MW-03	03B33159	GRND WATER	NOT SPECIFIED	chromium (+6)
MW-03	03B33163	GRND WATER	NOT SPECIFIED	wet special test
MW-04	03B33160	GRND WATER	NOT SPECIFIED	chromium (+6)
MW-04	03B33164	GRND WATER	NOT SPECIFIED	wet special test
MW-25	03B33181	GRND WATER	NOT SPECIFIED	chromium (+6)
MW-25	03B33185	GRND WATER	NOT SPECIFIED	wet special test

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations :

AIHA 100033	AIHA ELLAP (LEAD) 100033
MASSACHUSETTS MA0100	NEW HAMPSHIRE 2516
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036
NEW YORK ELAP 10899	RHODE ISLAND (LIC. No. 112)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Sondra S. Kocot 12/23/03
SIGNATURE DATE

Tod Kopyscinski
Director of Operations

Sondra S. Kocot
Quality Control Coordinator

Edward Denson
Technical Director



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12/23/2003

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/17/2003
Field Sample #: MW-02

LIMS-BAT #: LIMS-75914

Job Number: 744-408H

Sample ID: 03B33158

Sampled: 12/17/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium (+6)	mg/l	ND	12/17/03	SBP	0.004		

Field Sample #: MW-03

Sample ID: 03B33159

Sampled: 12/17/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium (+6)	mg/l	0.056	12/17/03	SBP	0.004		

Field Sample #: MW-04

Sample ID: 03B33160

Sampled: 12/17/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium (+6)	mg/l	0.104	12/17/03	SBP	0.008		

Field Sample #: MW-25

Sample ID: 03B33161

Sampled: 12/17/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium (+6)	mg/l	0.064	12/17/03	SBP	0.004		

Analytical Method:

SM 3500-Cr D

COLORIMETRIC DETERMINATION WITH ACIDIC S-DIPHENYLCARBAZIDE

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12/23/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/17/2003
Field Sample #: MW-02

LIMS-BAT #: LIMS-75914
Job Number: 744-408H

Sample ID: 03B33162
Sampled: 12/17/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST 12/22/03 SBP

HEXAVALENT CHROMIUM=<0.004 MG/L

TOTAL CHROMIUM= <0.007 MG/L

TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALENT CHROMIUM

= <0.007 MG/L

Field Sample #: MW-03

Sample ID: 03B33163
Sampled: 12/17/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST 12/22/03 SBP

HEXAVALENT CHROMIUM=0.056 MG/L

TOTAL CHROMIUM= 0.057 MG/L

TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALENT CHROMIUM

= <0.007 MG/L

Field Sample #: MW-04

Sample ID: 03B33164
Sampled: 12/17/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
-------	---------	---------------	---------	----	---------------------	------

SPECIAL TEST 12/22/03 SBP

HEXAVALENT CHROMIUM=0.104 MG/L

TOTAL CHROMIUM=0.108 MG/L

TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALENT CHROMIUM

= <0.007 MG/L

RL = Reporting Limit

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/17/2003

LIMS-BAT #: LIMS-75914
Job Number: 744-408H

Field Sample #: MW-25

Sample ID: 03B33165

Sampled: 12/17/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
SPECIAL TEST			12/22/03	SBP				
HEXAVALENT CHROMIUM=0.064 MG/L								
TOTAL CHROMIUM=0.083 MG/L								
TRIVALENT CHROMIUM= TOTAL CHROMIUM - HEXAVALENT CHROMIUM								
= 0.019 MG/L								

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
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* = See end of report for comments and notes applying to this sample



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ANALYTICAL LABORATORY

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Project Location: JAMECO
Date Received: 12/17/2003

Purchase Order No.:

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LIMS-BAT #: LIMS-75914
Job Number: 744-408H

**** END OF REPORT ****

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 12/23/2003

Lims Bat #: lims-75914

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QC Batch Number: WETCHEM-8113

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-29626	Chromium (+6)	Lab Fort Blank Amt.	0.020	mg/l	
		Lab Fort Blk. Found	0.024	mg/l	
		Lab Fort Blk. % Rec.	120.000	%	
		Dup Lab Fort Bl Amt.	0.020	mg/l	
		Dup Lab Fort Bl. Fnd	0.024	mg/l	
		Dup Lab Fort Bl %Rec	120.000	%	
		Lab Fort Blank Range	0.000	units	
		Lab Fort Bl. Av. Rec	120.000	%	
STDADD-25875	Chromium (+6)	Standard Measured	0.101	mg/l	
		Standard Amt Added	0.100	mg/l	
		Standard % Recovery	101.000	%	84.2-113



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 12/23/2003

Lims Bat #: lims-75914

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QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken through all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 12/23/2003

Lims Bat # : lms-75857

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QC Batch Number: ICP-9168

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-56340	Aluminum	Blank	<0.02	mg/l	
	Copper	Blank	<0.0050	mg/l	
BLANK-56341	Chromium	Blank	<0.007	mg/l	
	Iron	Blank	<0.05	mg/l	
LFBLANK-29636	Aluminum	Lab Fort Blank Amt.	2.00	mg/l	
		Lab Fort Blk. Found	1.99	mg/l	
		Lab Fort Blk. % Rec.	99.70	%	85-115
	Chromium	Lab Fort Blank Amt.	2.000	mg/l	
		Lab Fort Blk. Found	1.955	mg/l	
		Lab Fort Blk. % Rec.	97.750	%	85-115
	Copper	Lab Fort Blank Amt.	2.0000	mg/l	
		Lab Fort Blk. Found	2.0653	mg/l	
		Lab Fort Blk. % Rec.	103.2650	%	85-115
	Iron	Lab Fort Blank Amt.	2.00	mg/l	
		Lab Fort Blk. Found	1.93	mg/l	
		Lab Fort Blk. % Rec.	96.65	%	85-115



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 12/23/2003

Lims Bat #: lims-75857

Page 2 of 3

QC Batch Number: WETCHEM-8112

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-29624	Chromium (+6)	Lab Fort Blank Amt.	0.020	mg/l	
		Lab Fort Blk. Found	0.021	mg/l	
		Lab Fort Blk. % Rec.	105.000	%	
		Dup Lab Fort Bl Amt.	0.020	mg/l	
		Dup Lab Fort Bl. Fnd	0.021	mg/l	
		Dup Lab Fort Bl %Rec	105.000	%	
		Lab Fort Blank Range	0.000	units	
		Lab Fort Bl. Av. Rec	105.000	%	
STDADD-25874	Chromium (+6)	Standard Measured	0.101	mg/l	
		Standard Amt Added	0.100	mg/l	
		Standard % Recovery	101.300	%	84.2-113



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 12/23/2003

Lims Bat #: lims-75857

Page 3 of 3

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken through all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries



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CHAIN OF CUSTODY RECORD

38 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Page 1 of 1

Company Name:

Goldman Environmental

Address:

Telephone: (781) 356-9140

Project #

Client PO #

Attention:

Rick Rens

Project Location:

Long Island, NY

Sampled By:

JC RZ JB

Proposal Provided? (For Billing purposes)

☐ yes ☐ no proposal date

DATA DELIVERY (check one):

☒ FAX ☐ EMAIL ☐ WEBSITE CLIENT

Fax #: 781-356-9147

Email:

Format: ☐ EXCEL ☐ PDF ☐ GIS KEY

Field ID	Sample Description	Lab #	O3B	Start Date/Time	Stop Date/Time	Comp- osite	Grab	Matrix Code	Hexavalent, Trivalent Chromium	ANALYSIS REQUESTED	# of containers **Preservation	Comments:
CEC-1		32876		11/5/93 am		X		CU	X			
CEC-2		32877		11/5/93 am		X		CU	X			
CEC-3		32878		11/5/93 am		X		CU	X			
CEC-4		32879		11/5/93 am		X		CU	X			
MW-SR		32880		11/6/00 am		X		CU	X			
MW-6R		32881		11/6/00 am		X		CU	X			
MW-7		32882		11/6/00 am		X		CU	X			
MW-10		32883		11/5/93 am		X		CU	X			
MW-11		32884		11/5/93 am		X		CU	X			
MW-12		32885		11/5/93 am		X		CU	X			

Relinquished by: (signature) [Signature] Date/Time: _____

Received by: (signature) [Signature] Date/Time: 11/15/93

Relinquished by: (signature) [Signature] Date/Time: _____

Received by: (signature) _____ Date/Time: _____

Turnaround

☐ 24 Hour* ☐ 48 Hour* ☐ 72 Hour* ☒ Std. ☐ Other**

Detection Limit Requirements

Regulations? _____

Data Enhancement Project? ☐ Y ☐ N (MMA MCP sites only)

Special Requirements or DL's: _____

Matrix Code:

GW = groundwater WW = wastewater DW = drinking water A = air S = soil/solid SL = sludge O = other

****Preservation Codes:**

I = Iced X = Na hydroxide H = HCL T = Na thiosulfate M = Methanol N = Nitric Acid S = Sulfuric Acid B = Sodium bisulfate O = Other

Require lab approval. ☐ yes ☐ no



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CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Page 2 of 2

Company Name: Goldman Engineering

Address: Long Island, NY

Attention: Rick Kowalski

Project Location: Long Island, NY

Sampled By: JE RE JB

Proposal Provided? (For Billing purposes)

☐ Yes ☐ No proposal date

Telephone: (781) 356-9140

Project # 356-9140

Client PO #

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email:

Format: ☐ EXCEL ☐ PDF ☐ GIS KEY

Date Sampled

Start Date/Time

Stop Date/Time

Comp-
osite

Grab

*Matrix Code

Turnaround

☐ 24 Hour

☐ 48 Hour

☐ 72 Hour

☐ Std.

☐ Other**

*Require lab approval.

Detection Limit Requirements

Regulations?

Data Enhancement Project? ☐ Y ☐ N

(MA MCP sites only)

Special Requirements or DL's:

ANALYSIS REQUESTED

Hexavalent + Trivalent Chromium

of containers
**Preservation
-Cont. Code

Comments:

Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

**Preservation Codes:

I = Iced

H = HCL

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

B = Sodium bisulfate

O = Other

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R. KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: GEC-1

Purchase Order No.:

Sample ID: 03B33204

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

L
J. GROUNDWATER

COPPER

	Units	Results	Date Analyzed	Analyst	RL
Copper	mg/l	0.0012	12/23/03	PM	0.0005

Field Sample #: GEC-2

Sample ID: 03B33205

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Copper	mg/l	0.0006	12/23/03	PM	0.0005		

Field Sample #: GEC-3

Sample ID: 03B33206

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Copper	mg/l	0.0010	12/23/03	PM	0.0005		

Field Sample #: GEC-4

Sample ID: 03B33207

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Copper	mg/l	0.0038	12/23/03	PM	0.0005		

Field Sample #: MW-10

Sample ID: 03B33194

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Copper	mg/l	0.0099	12/23/03	PM	0.0005		

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* = See end of report for comments and notes applying to this sample



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BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-11

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33195
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.0071	12/23/03	PM	0.0005		

Field Sample #: MW-12

Sample ID : 03B33196
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.530	12/23/03	PM	0.0005		

Field Sample #: MW-16

Sample ID : 03B33197
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.0100	12/23/03	PM	0.0005		

Field Sample #: MW-17

Sample ID : 03B33198
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.0015	12/23/03	PM	0.0005		

Field Sample #: MW-2

Sample ID : 03B33188
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.0197	12/23/03	PM	0.0005		

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12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-25

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33202

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.0132	12/23/03	PM	0.0005		

Field Sample #: MW-26R

Sample ID : 03B33203

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.0018	12/23/03	PM	0.0005		

Field Sample #: MW-3

Sample ID : 03B33189

Sampled : 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.0837	12/23/03	PM	0.0005		

Field Sample #: MW-4

Sample ID : 03B33190

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.0769	12/23/03	PM	0.0005		

Field Sample #: MW-5R

Sample ID : 03B33191

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.0419	12/23/03	PM	0.0005		

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-6R

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33192

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.0076	12/23/03	PM	0.0005		

Field Sample #: MW-7

Sample ID : 03B33193

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/l	0.0097	12/23/03	PM	0.0005		

Analytical Method:

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: GEC-1

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33204

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.0397	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	ND	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

GROUNDWATER
RCRA-8 metals

Field Sample #: GEC-2

Sample ID : 03B33205

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.193	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	ND	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



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12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: GEC-3

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33206

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.162	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	ND	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

Field Sample #: GEC-4

Sample ID : 03B33207

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.0624	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	0.012	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-10

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33194

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.0486	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	0.006	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

Field Sample #: MW-11

Sample ID: 03B33195

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.0621	12/23/03	PM	0.0010		
Cadmium	mg/l	0.0008	12/23/03	PM	0.0005		
Chromium	mg/l	0.018	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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60 BROOKS DRIVE
BRAINTREE, MA 02184

12/29/2003
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Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-12

Purchase Order No.:

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33196

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.103	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	0.048	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

Field Sample #: MW-16

Sample ID : 03B33197

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.302	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	0.004	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
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* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-17

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33198

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.137	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	ND	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	0.007	12/23/03	PM	0.005		

Field Sample #: MW-2

Sample ID : 03B33188

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.0978	12/23/03	PM	0.0010		
Cadmium	mg/l	0.0006	12/23/03	PM	0.0005		
Chromium	mg/l	0.008	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

RL = Reporting Limit

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-25

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33202

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.115	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	0.091	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

Field Sample #: MW-26R

Sample ID : 03B33203

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.123	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	ND	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-3

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33189

Sampled : 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.0703	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	0.036	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

Field Sample #: MW-4

Sample ID : 03B33190

Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/l	ND	12/23/03	PM	0.05		
Barium	mg/l	0.0885	12/23/03	PM	0.0010		
Cadmium	mg/l	ND	12/23/03	PM	0.0005		
Chromium	mg/l	0.058	12/23/03	PM	0.004		
Lead	mg/l	ND	12/23/03	PM	0.002		
Mercury	mg/l	ND	12/22/03	KRL	0.00004		
Selenium	mg/l	ND	12/23/03	PM	0.05		
Silver	mg/l	ND	12/23/03	PM	0.005		

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Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-5R

Sample ID: 03B33191

Sampled: 12/15/2003

NOT SPECIFIED

LIMS-BAT #: LIMS-75920

Job Number: 444-408H

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Arsenic	mg/l	ND	12/23/03	PM	0.05			
Barium	mg/l	0.0767	12/23/03	PM	0.0010			
Cadmium	mg/l	ND	12/23/03	PM	0.0005			
Chromium	mg/l	ND	12/23/03	PM	0.004			
Lead	mg/l	ND	12/23/03	PM	0.002			
Mercury	mg/l	ND	12/22/03	KRL	0.00004			
Selenium	mg/l	ND	12/23/03	PM	0.05			
Silver	mg/l	ND	12/23/03	PM	0.005			

Field Sample #: MW-6R

Sample ID: 03B33192

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Arsenic	mg/l	ND	12/23/03	PM	0.05			
Barium	mg/l	0.114	12/23/03	PM	0.0010			
Cadmium	mg/l	0.0009	12/23/03	PM	0.0005			
Chromium	mg/l	ND	12/23/03	PM	0.004			
Lead	mg/l	ND	12/23/03	PM	0.002			
Mercury	mg/l	ND	12/22/03	KRL	0.00004			
Selenium	mg/l	ND	12/23/03	PM	0.05			
Silver	mg/l	ND	12/23/03	PM	0.005			

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-7

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID: 03B33193

Sampled: 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Arsenic	mg/l	ND	12/23/03	PM	0.05			
Barium	mg/l	0.0974	12/23/03	PM	0.0010			
Cadmium	mg/l	0.0006	12/23/03	PM	0.0005			
Chromium	mg/l	0.013	12/23/03	PM	0.004			
Lead	mg/l	0.004	12/23/03	PM	0.002			
Mercury	mg/l	ND	12/22/03	KRL	0.00004			
Selenium	mg/l	ND	12/23/03	PM	0.05			
Silver	mg/l	ND	12/23/03	PM	0.005			

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Purchase Order No.:

Project Location: JAMECO

Date Received: 12/18/2003

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LIMS-BAT #: LIMS-75920

Job Number: 444-408H

Analytical Method: Arsenic

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Barium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Cadmium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Chromium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Lead

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Mercury

EPA 245.1/SW846 7470

COLD VAPOR TECHNIQUE (FLAMELESS ABSORPTION AT 254 NM)

Analytical Method: Selenium

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

Analytical Method: Silver

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: GEC-1

LIMS-BAT #: LIMS-75920

Job Number: 444-408H

Sample ID: 03B33204

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.015	12/23/03	PM	0.005		

Field Sample #: GEC-2

Sample ID: 03B33205

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.010	12/23/03	PM	0.005		

Field Sample #: GEC-3

Sample ID: 03B33206

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.023	12/23/03	PM	0.005		

Field Sample #: GEC-4

Sample ID: 03B33207

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.016	12/23/03	PM	0.005		

Field Sample #: MW-10

Sample ID: 03B33194

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.029	12/23/03	PM	0.005		

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-11

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33195
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Zinc	mg/l	0.014	12/23/03	PM	0.005		

Field Sample #: MW-12

Sample ID : 03B33196
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Zinc	mg/l	0.289	12/23/03	PM	0.005		

Field Sample #: MW-16

Sample ID : 03B33197
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Zinc	mg/l	0.017	12/23/03	PM	0.005		

Field Sample #: MW-17

Sample ID : 03B33198
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Zinc	mg/l	0.011	12/23/03	PM	0.005		

Field Sample #: MW-2

Sample ID : 03B33188
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Zinc	mg/l	0.024	12/23/03	PM	0.005		

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Purchase Order No.:

Project Location: JAMECO
Date Received: 12/18/2003
Field Sample #: MW-25

LIMS-BAT #: LIMS-75920
Job Number: 444-408H

Sample ID : 03B33202
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.042	12/23/03	PM	0.005		

Field Sample #: MW-26R

Sample ID : 03B33203
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.019	12/23/03	PM	0.005		

Field Sample #: MW-3

Sample ID : 03B33189
Sampled : 12/16/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.071	12/23/03	PM	0.005		

Field Sample #: MW-4

Sample ID : 03B33190
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.151	12/23/03	PM	0.005		

Field Sample #: MW-5R

Sample ID : 03B33191
Sampled : 12/15/2003
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.090	12/23/03	PM	0.005		

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Project Location: JAMECO

Date Received: 12/18/2003

Field Sample #: MW-6R

Sample ID: 03B33192

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

LIMS-BAT #: LIMS-75920

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.106	12/23/03	PM	0.005		

Field Sample #: MW-7

Sample ID: 03B33193

Sampled: 12/15/2003

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/l	0.030	12/23/03	PM	0.005		

Analytical Method:

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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Project Location: JAMECO

LIMS-BAT #: LIMS-75920

Date Received: 12/18/2003

Job Number: 444-408H

The following notes were attached to the reported analysis :

Sample ID: * 03B33188

Analysis: Bromomethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

** END OF REPORT **

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: TRIP BLANK
Sample ID: 03B32314

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: LIQUIDS

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	mg/kg	ND	12/10/03	MFF	0.002		
Styrene	mg/kg	ND	12/10/03	MFF	0.001		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/10/03	MFF	0.001		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/10/03	MFF	0.003		
Tetrachloroethylene	mg/kg	ND	12/10/03	MFF	0.001		
Tetrahydrofuran	mg/kg	ND	12/10/03	MFF	0.010		
Toluene	mg/kg	ND	12/10/03	MFF	0.001		
1,2,3-Trichlorobenzene	mg/kg	ND	12/10/03	MFF	0.001		
1,2,4-Trichlorobenzene	mg/kg	ND	12/10/03	MFF	0.001		
1,1,1-Trichloroethane	mg/kg	ND	12/10/03	MFF	0.002		
1,1,2-Trichloroethane	mg/kg	ND	12/10/03	MFF	0.001		
Trichloroethylene	mg/kg	ND	12/10/03	MFF	0.002		
Trichlorofluoromethane	mg/kg	ND	12/10/03	MFF	0.001		
1,2,3-Trichloropropane	mg/kg	ND	12/10/03	MFF	0.003		
1,2,4-Trimethylbenzene	mg/kg	ND	12/10/03	MFF	0.001		
1,3,5-Trimethylbenzene	mg/kg	ND	12/10/03	MFF	0.002		
Vinyl Acetate	mg/kg	ND	12/10/03	MFF	0.033		
Vinyl Chloride	mg/kg	ND	12/10/03	MFF	0.001		
m + p Xylene	mg/kg	ND	12/10/03	MFF	0.003		
o-Xylene	mg/kg	ND	12/10/03	MFF	0.001		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: TRIP BLANK

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32314

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: LIQUIDS

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	mg/kg	ND	12/10/03	MFF	0.100		
Acrolein	mg/kg	ND	12/10/03	MFF	0.040		
Acrylonitrile	mg/kg	ND	12/10/03	MFF	0.010		
tert-Amylmethyl Ether	mg/kg	ND	12/10/03	MFF	0.001		
Benzene	mg/kg	ND	12/10/03	MFF	0.001		
Bromobenzene	mg/kg	ND	12/10/03	MFF	0.001		
Bromochloromethane	mg/kg	ND	12/10/03	MFF	0.001		
Bromodichloromethane	mg/kg	ND	12/10/03	MFF	0.001		
Bromomethane	mg/kg	ND	12/10/03	MFF	0.002		
Bromoform	mg/kg	ND	12/10/03	MFF	0.002		
2-Butanone (MEK)	mg/kg	ND	12/10/03	MFF	0.024		
tert-Butyl Alcohol	mg/kg	ND	12/10/03	MFF	0.040		
n-Butylbenzene	mg/kg	ND	12/10/03	MFF	0.001		
sec-Butylbenzene	mg/kg	ND	12/10/03	MFF	0.001		
tert-Butylbenzene	mg/kg	ND	12/10/03	MFF	0.002		
tert-Butylethyl Ether	mg/kg	ND	12/10/03	MFF	0.001		
Carbon Disulfide	mg/kg	ND	12/10/03	MFF	0.006		
Carbon Tetrachloride	mg/kg	ND	12/10/03	MFF	0.001		
Chlorobenzene	mg/kg	ND	12/10/03	MFF	0.001		
Chlorodibromomethane	mg/kg	ND	12/10/03	MFF	0.001		
Chloroethane	mg/kg	ND	12/10/03	MFF	0.002		
2-Chloroethylvinylether	mg/kg	ND	12/10/03	MFF	0.019		
Chloroform	mg/kg	ND	12/10/03	MFF	0.004		
Chloromethane	mg/kg	ND	12/10/03	MFF	0.030		
2-Chlorotoluene	mg/kg	ND	12/10/03	MFF	0.001		
4-Chlorotoluene	mg/kg	ND	12/10/03	MFF	0.001		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/10/03	MFF	0.003		
1,2-Dibromoethane	mg/kg	ND	12/10/03	MFF	0.001		
Dibromomethane	mg/kg	ND	12/10/03	MFF	0.002		
1,2-Dichlorobenzene	mg/kg	ND	12/10/03	MFF	0.002		

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R KRANES
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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: K9(15,10) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32313

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dichlorobenzene	mg/kg dry wt	0.004	12/10/03	MFF	0.001		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.004		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.003		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,3-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.002		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Diethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.003		
Diisopropyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dioxane	mg/kg dry wt	ND	12/10/03	MFF	0.073		
Ethyl Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Ethyl Methacrylate	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Hexachlorobutadiene	mg/kg dry wt	ND	12/10/03	MFF	0.002		
2-Hexanone	mg/kg dry wt	ND	12/10/03	MFF	0.014		
Iodomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Isopropylbenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
p-Isopropyltoluene	mg/kg dry wt	0.002	12/10/03	MFF	0.001		
MTBE	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Methylene Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.022		
MIBK	mg/kg dry wt	ND	12/10/03	MFF	0.013		
Naphthalene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(30,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32312

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Styrene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Tetrachloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Tetrahydrofuran	mg/kg dry wt	ND	12/10/03	MFF	0.004		
Toluene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Trichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Trichlorofluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Vinyl Acetate	mg/kg dry wt	ND	12/10/03	MFF	0.012		
Vinyl Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.001		
m + p Xylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
o-Xylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(30,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32312

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	mg/kg dry wt	ND	12/10/03	MFF	0.035		
Acrolein	mg/kg dry wt	ND	12/10/03	MFF	0.014		
Acrylonitrile	mg/kg dry wt	ND	12/10/03	MFF	0.004		
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Bromobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Bromochloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Bromodichloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Bromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Bromoform	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2-Butanone (MEK)	mg/kg dry wt	ND	12/10/03	MFF	0.008		
tert-Butyl Alcohol	mg/kg dry wt	ND	12/10/03	MFF	0.014		
n-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
sec-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
tert-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
tert-Butylethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Carbon Disulfide	mg/kg dry wt	ND	12/10/03	MFF	0.002		
Carbon Tetrachloride	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Chlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Chlorodibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Chloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2-Chloroethylvinylether	mg/kg dry wt	ND	12/10/03	MFF	0.007		
Chloroform	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Chloromethane	mg/kg dry wt	ND	12/10/03	MFF	0.011		
2-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
4-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,2-Dibromoethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Dibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(15,05) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32311

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.003		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.002		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,3-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.002		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Diethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.002		
Diisopropyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dioxane	mg/kg dry wt	ND	12/10/03	MFF	0.054		
Ethyl Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Ethyl Methacrylate	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Hexachlorobutadiene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2-Hexanone	mg/kg dry wt	ND	12/10/03	MFF	0.010		
Iodomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Isopropylbenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
p-Isopropyltoluene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
MTBE	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Methylene Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.016		
MIBK	mg/kg dry wt	ND	12/10/03	MFF	0.010		
Naphthalene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(05,10) (8-12)

Purchase Order No.:

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32310

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
n-Propylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.061			
Styrene	mg/kg dry wt	ND	12/12/03	MFF	0.053			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.076			
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.107			
Tetrachloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.076			
Tetrahydrofuran	mg/kg dry wt	ND	12/12/03	MFF	0.381			
Toluene	mg/kg dry wt	ND	12/12/03	MFF	0.053			
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.053			
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.053			
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.069			
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.053			
Trichloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.076			
Trichlorofluoromethane	mg/kg dry wt	ND	12/12/03	MFF	0.053			
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.099			
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.076			
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.076			
Vinyl Acetate	mg/kg dry wt	ND	12/12/03	MFF	1.25			
Vinyl Chloride	mg/kg dry wt	ND	12/12/03	MFF	0.076			
m + p Xylene	mg/kg dry wt	ND	12/12/03	MFF	0.099			
o-Xylene	mg/kg dry wt	ND	12/12/03	MFF	0.076			

Analytical Method:

SW846 8260

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32310
Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	mg/kg dry wt	ND	12/12/03	MFF	3.81		
Acrolein	mg/kg dry wt	ND	12/12/03	MFF	1.53		
Acrylonitrile	mg/kg dry wt	ND	12/12/03	MFF	0.381		
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.038		
Benzene	mg/kg dry wt	ND	12/12/03	MFF	0.046		
Bromobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.076		
Bromochloromethane	mg/kg dry wt	ND	12/12/03	MFF	0.076		
Bromodichloromethane	mg/kg dry wt	ND	12/12/03	MFF	0.076		
Bromomethane	mg/kg dry wt	ND	12/12/03	MFF	0.092		
Bromoform	mg/kg dry wt	ND	12/12/03	MFF	0.092		
2-Butanone (MEK)	mg/kg dry wt	ND	12/12/03	MFF	0.916		
tert-Butyl Alcohol	mg/kg dry wt	ND	12/12/03	MFF	1.53		
n-Butylbenzene	mg/kg dry wt	ND	12/12/03	MFF	0.053		
sec-Butylbenzene	mg/kg dry wt	0.076	12/12/03	MFF	0.046		
tert-Butylbenzene	mg/kg dry wt	ND	12/12/03	MFF	0.061		
tert-Butylethyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.038		
Carbon Disulfide	mg/kg dry wt	ND	12/12/03	MFF	0.229		
Carbon Tetrachloride	mg/kg dry wt	ND	12/12/03	MFF	0.076		
Chlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.046		
Chlorodibromomethane	mg/kg dry wt	ND	12/12/03	MFF	0.076		
Chloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.061		
2-Chloroethylvinylether	mg/kg dry wt	ND	12/12/03	MFF	0.732		
Chloroform	mg/kg dry wt	ND	12/12/03	MFF	0.153		
Chloromethane	mg/kg dry wt	ND	12/12/03	MFF	1.14		
2-Chlorotoluene	mg/kg dry wt	ND	12/12/03	MFF	0.046		
4-Chlorotoluene	mg/kg dry wt	ND	12/12/03	MFF	0.046		
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.122		
1,2-Dibromoethane	mg/kg dry wt	ND	12/12/03	MFF	0.053		
Dibromomethane	mg/kg dry wt	ND	12/12/03	MFF	0.084		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.061		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32309

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.063			
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.084			
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/12/03	MFF	0.251			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/12/03	MFF	0.220			
Dichlorodifluoromethane	mg/kg dry wt	ND	12/12/03	MFF	0.105			
1,1-Dichloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.073			
1,2-Dichloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.094			
1,1-Dichloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.063			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.105			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.084			
1,2-Dichloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.063			
1,3-Dichloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.105			
2,2-Dichloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.094			
1,1-Dichloropropene	mg/kg dry wt	ND	12/12/03	MFF	0.147			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/12/03	MFF	0.105			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/12/03	MFF	0.052			
Diethyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.209			
Diisopropyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.052			
1,4-Dioxane	mg/kg dry wt	ND	12/12/03	MFF	5.24			
Ethyl Benzene	mg/kg dry wt	ND	12/12/03	MFF	0.063			
Ethyl Methacrylate	mg/kg dry wt	ND	12/12/03	MFF	0.084			
Hexachlorobutadiene	mg/kg dry wt	ND	12/12/03	MFF	0.136			
2-Hexanone	mg/kg dry wt	ND	12/12/03	MFF	1.02			
Iodomethane	mg/kg dry wt	ND	12/12/03	MFF	0.084			
Isopropylbenzene	mg/kg dry wt	ND	12/12/03	MFF	0.063			
p-Isopropyltoluene	mg/kg dry wt	ND	12/12/03	MFF	0.073			
MTBE	mg/kg dry wt	ND	12/12/03	MFF	0.084			
Methylene Chloride	mg/kg dry wt	ND	12/12/03	MFF	1.57			
MIBK	mg/kg dry wt	ND	12/12/03	MFF	0.922			
Naphthalene	mg/kg dry wt	ND	12/12/03	MFF	0.105			

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(30,20) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32308

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
n-Propylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.073			
Styrene	mg/kg dry wt	ND	12/11/03	MFF	0.064			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.091			
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.128			
Tetrachloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.091			
Tetrahydrofuran	mg/kg dry wt	ND	12/11/03	MFF	0.457			
Toluene	mg/kg dry wt	ND	12/11/03	MFF	0.064			
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.064			
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.064			
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.082			
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.064			
Trichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.091			
Trichlorofluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.064			
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.119			
1,2,4-Trimethylbenzene	mg/kg dry wt.	0.224	12/11/03	MFF	0.091			
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.091			
Vinyl Acetate	mg/kg dry wt	ND	12/11/03	MFF	1.50			
Vinyl Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.091			
m + p Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.119			
o-Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.091			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



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R KRANES
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BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(30,20) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32308

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/11/03	MFF	4.57			
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	1.83			
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.457			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.046			
Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.055			
Bromobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.091			
Bromochloromethane	mg/kg dry wt	ND	12/11/03	MFF	0.091			
Bromodichloromethane	mg/kg dry wt	ND	12/11/03	MFF	0.091			
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.110			
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.110			
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	1.10			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	1.83			
n-Butylbenzene	mg/kg dry wt	ND	12/11/03	MFF	0.064			
sec-Butylbenzene	mg/kg dry wt	ND	12/11/03	MFF	0.055			
tert-Butylbenzene	mg/kg dry wt	ND	12/11/03	MFF	0.073			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.046			
Carbon Disulfide	mg/kg dry wt	ND	12/11/03	MFF	0.274			
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.091			
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.055			
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.091			
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.073			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	0.878			
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.183			
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	1.37			
2-Chlorotoluene	mg/kg dry wt	ND	12/11/03	MFF	0.055			
4-Chlorotoluene	mg/kg dry wt	ND	12/11/03	MFF	0.055			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.146			
1,2-Dibromoethane	mg/kg dry wt	ND	12/11/03	MFF	0.064			
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.101			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.073			

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(15,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32307

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
cis-1,2-Dichloroethylene	mg/kg dry wt.	0.001	12/11/03	MFF	0.001		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,3-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
2,2-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,1-Dichloropropene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.002		
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	0.050		
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Hexachlorobutadiene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	0.010		
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Isopropylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
p-Isopropyltoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.015		
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.009		
Naphthalene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(15,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32306

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.074		
Styrene	mg/kg dry wt.	ND	12/11/03	MFF	0.065		
1,1,1,2-Tetrachloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.093		
1,1,2,2-Tetrachloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.130		
Tetrachloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.093		
Tetrahydrofuran	mg/kg dry wt.	ND	12/11/03	MFF	0.464		
Toluene	mg/kg dry wt.	ND	12/11/03	MFF	0.065		
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.065		
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.065		
1,1,1-Trichloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.084		
1,1,2-Trichloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.065		
Trichloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.093		
Trichlorofluoromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.065		
1,2,3-Trichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.121		
1,2,4-Trimethylbenzene	mg/kg dry wt.	0.212	12/11/03	MFF	0.093		
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.093		
Vinyl Acetate	mg/kg dry wt.	ND	12/11/03	MFF	1.52		
Vinyl Chloride	mg/kg dry wt.	ND	12/11/03	MFF	0.093		
m + p Xylene	mg/kg dry wt.	ND	12/11/03	MFF	0.121		
o-Xylene	mg/kg dry wt.	ND	12/11/03	MFF	0.093		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(15,05) (8-12)

Purchase Order No.:

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32306

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/11/03	MFF	4.64			
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	1.86			
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.464			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.046			
Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.056			
Bromobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.093			
Bromochloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.093			
Bromodichloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.093			
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.111			
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.111			
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	1.11			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	1.86			
n-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.065			
sec-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.056			
tert-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.074			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.046			
Carbon Disulfide	mg/kg dry wt	ND	12/11/03	MFF	0.278			
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.093			
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.056			
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.093			
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.074			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	0.891			
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.186			
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	1.39			
2-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.056			
4-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.056			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.148			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/11/03	MFF	0.065			
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.102			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.074			

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(05,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32305

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
cis-1,2-Dichloroethylene	mg/kg dry wt.	0.001	12/11/03	MFF	0.001		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,3-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
2,2-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,1-Dichloropropene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.002		
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	0.047		
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Hexachlorobutadiene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	0.009		
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Isopropylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
p-Isopropyltoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.014		
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.008		
Naphthalene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32304

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	mg/kg dry wt.	0.085	12/11/03	MFF	0.072		
Styrene	mg/kg dry wt	ND	12/11/03	MFF	0.063		
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.090		
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.126		
Tetrachloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.090		
Tetrahydrofuran	mg/kg dry wt	ND	12/11/03	MFF	0.450		
Toluene	mg/kg dry wt	ND	12/11/03	MFF	0.063		
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.063		
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.063		
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.081		
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.063		
Trichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.090		
Trichlorofluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.063		
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.117		
1,2,4-Trimethylbenzene	mg/kg dry wt.	0.522	12/11/03	MFF	0.090		
1,3,5-Trimethylbenzene	mg/kg dry wt.	0.174	12/11/03	MFF	0.090		
Vinyl Acetate	mg/kg dry wt	ND	12/11/03	MFF	1.47		
Vinyl Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.090		
m + p Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.117		
o-Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.090		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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* = See end of report for comments and notes applying to this sample



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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32304
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	mg/kg dry wt	ND	12/11/03	MFF	4.50		
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	1.80		
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.450		
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.045		
Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.054		
Bromobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.090		
Bromochloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.090		
Bromodichloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.090		
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.108		
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.108		
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	1.08		
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	1.80		
n-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.063		
sec-Butylbenzene	mg/kg dry wt.	0.054	12/11/03	MFF	0.054		
tert-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.072		
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.045		
Carbon Disulfide	mg/kg dry wt	ND	12/11/03	MFF	0.270		
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.090		
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.054		
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.090		
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.072		
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	0.863		
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.180		
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	1.35		
2-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.054		
4-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.054		
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.144		
1,2-Dibromoethane	mg/kg dry wt.	ND	12/11/03	MFF	0.063		
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.099		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.072		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H8(20,15) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32303

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002			
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,3-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,1-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.002			
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	0.038			
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	0.007			
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Isopropylbenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
p-Isopropyltoluene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.011			
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.007			
Naphthalene	mg/kg dry wt	ND	12/11/03	MFF	0.001			

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H6(15,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32302
Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
n-Propylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Styrene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Tetrachloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Tetrahydrofuran	mg/kg dry wt	ND	12/10/03	MFF	0.005		
Toluene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Trichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Trichlorofluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Vinyl Acetate	mg/kg dry wt	ND	12/10/03	MFF	0.016		
Vinyl Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.001		
m + p Xylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
o-Xylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H6(15,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32302
Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	mg/kg dry wt	ND	12/10/03	MFF	0.048		
Acrolein	mg/kg dry wt	ND	12/10/03	MFF	0.019		
Acrylonitrile	mg/kg dry wt	ND	12/10/03	MFF	0.005		
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Bromobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Bromochloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Bromodichloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Bromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Bromoform	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2-Butanone (MEK)	mg/kg dry wt	ND	12/10/03	MFF	0.011		
tert-Butyl Alcohol	mg/kg dry wt	ND	12/10/03	MFF	0.019		
n-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
sec-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
tert-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
tert-Butylethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Carbon Disulfide	mg/kg dry wt	ND	12/10/03	MFF	0.003		
Carbon Tetrachloride	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Chlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Chlorodibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Chloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2-Chloroethylvinylether	mg/kg dry wt	ND	12/10/03	MFF	0.009		
Chloroform	mg/kg dry wt	ND	12/10/03	MFF	0.002		
Chloromethane	mg/kg dry wt	ND	12/10/03	MFF	0.014		
2-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
4-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.002		
1,2-Dibromoethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Dibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G9(05,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32301

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.002		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.002		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,3-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Diethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.002		
Diisopropyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dioxane	mg/kg dry wt	ND	12/10/03	MFF	0.041		
Ethyl Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Ethyl Methacrylate	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Hexachlorobutadiene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2-Hexanone	mg/kg dry wt	ND	12/10/03	MFF	0.008		
Iodomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Isopropylbenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
p-Isopropyltoluene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
MTBE	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Methylene Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.012		
MIBK	mg/kg dry wt	ND	12/10/03	MFF	0.007		
Naphthalene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G8(20,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32300

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
n-Propylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.067			
Styrene	mg/kg dry wt	ND	12/11/03	MFF	0.059			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.084			
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.118			
Tetrachloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.084			
Tetrahydrofuran	mg/kg dry wt	ND	12/11/03	MFF	0.421			
Toluene	mg/kg dry wt	ND	12/11/03	MFF	0.059			
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.059			
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.059			
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.076			
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.059			
Trichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.084			
Trichlorofluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.059			
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.110			
1,2,4-Trimethylbenzene	mg/kg dry wt.	0.388	12/11/03	MFF	0.084			
1,3,5-Trimethylbenzene	mg/kg dry wt.	0.142	12/11/03	MFF	0.084			
Vinyl Acetate	mg/kg dry wt	ND	12/11/03	MFF	1.38			
Vinyl Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.084			
m + p Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.110			
o-Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.084			

Analytical Method:

SW846 8260

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G8(20,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32300

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	mg/kg dry wt	ND	12/11/03	MFF	4.21		
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	1.69		
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.421		
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.042		
Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.051		
Bromobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.084		
Bromochloromethane	mg/kg dry wt	ND	12/11/03	MFF	0.084		
Bromodichloromethane	mg/kg dry wt	ND	12/11/03	MFF	0.084		
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.101		
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.101		
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	1.01		
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	1.69		
n-Butylbenzene	mg/kg dry wt	0.101	12/11/03	MFF	0.059		
sec-Butylbenzene	mg/kg dry wt	ND	12/11/03	MFF	0.051		
tert-Butylbenzene	mg/kg dry wt	ND	12/11/03	MFF	0.067		
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.042		
Carbon Disulfide	mg/kg dry wt	ND	12/11/03	MFF	0.253		
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.084		
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.051		
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.084		
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.067		
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	0.809		
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.169		
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	1.26		
2-Chlorotoluene	mg/kg dry wt	ND	12/11/03	MFF	0.051		
4-Chlorotoluene	mg/kg dry wt	ND	12/11/03	MFF	0.051		
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.135		
1,2-Dibromoethane	mg/kg dry wt	ND	12/11/03	MFF	0.059		
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.093		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.067		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G6(15,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32299

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.065		
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.086		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.259		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.226		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.108		
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.075		
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.097		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.065		
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.108		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.086		
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.065		
1,3-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.108		
2,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.097		
1,1-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.151		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.108		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.054		
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.215		
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.054		
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	5.39		
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.065		
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.086		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	MFF	0.140		
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	1.05		
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.086		
Isopropylbenzene	mg/kg dry wt	ND	12/11/03	MFF	0.065		
p-Isopropyltoluene	mg/kg dry wt	0.250	12/11/03	MFF	0.075		
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.086		
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	1.62		
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.948		
Naphthalene	mg/kg dry wt	0.417	12/11/03	MFF	0.108		

RL = Reporting Limit

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G6(15,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32299

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/11/03	MFF	5.39			
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	2.15			
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.539			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.054			
Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.065			
Bromobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.108			
Bromochloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.108			
Bromodichloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.108			
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.129			
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.129			
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	1.29			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	2.15			
n-Butylbenzene	mg/kg dry wt.	0.790	12/11/03	MFF	0.075			
sec-Butylbenzene	mg/kg dry wt.	0.158	12/11/03	MFF	0.065			
tert-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.086			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.054			
Carbon Disulfide	mg/kg dry wt	ND	12/11/03	MFF	0.323			
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.108			
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.065			
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.108			
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.086			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	1.03			
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.215			
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	1.62			
2-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.065			
4-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.065			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.172			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/11/03	MFF	0.075			
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.119			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.086			

Soil
VOCs

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G6(15,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32299
Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.065			
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.086			
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.259			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.226			
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.108			
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.075			
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.097			
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.065			
cis-1,2-Dichloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.108			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.086			
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.065			
1,3-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.108			
2,2-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.097			
1,1-Dichloropropene	mg/kg dry wt.	ND	12/11/03	MFF	0.151			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.108			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.054			
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.215			
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.054			
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	5.39			
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.065			
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.086			
Hexachlorobutadiene	mg/kg dry wt.	ND	12/11/03	MFF	0.140			
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	1.05			
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.086			
Isopropylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.065			
p-Isopropyltoluene	mg/kg dry wt.	0.250	12/11/03	MFF	0.075			
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.086			
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	1.62			
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.948			
Naphthalene	mg/kg dry wt.	0.417	12/11/03	MFF	0.108			

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G6(15,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32299

Sampled: 12/4/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
n-Propylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.086			
Styrene	mg/kg dry wt.	ND	12/11/03	MFF	0.075			
1,1,1,2-Tetrachloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.108			
1,1,2,2-Tetrachloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.151			
Tetrachloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.108			
Tetrahydrofuran	mg/kg dry wt.	ND	12/11/03	MFF	0.539			
Toluene	mg/kg dry wt.	ND	12/11/03	MFF	0.075			
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.075			
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.075			
1,1,1-Trichloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.097			
1,1,2-Trichloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.075			
Trichloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.108			
Trichlorofluoromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.075			
1,2,3-Trichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.140			
1,2,4-Trimethylbenzene	mg/kg dry wt.	0.430	12/11/03	MFF	0.108			
1,3,5-Trimethylbenzene	mg/kg dry wt.	0.133	12/11/03	MFF	0.108			
Vinyl Acetate	mg/kg dry wt.	ND	12/11/03	MFF	1.77			
Vinyl Chloride	mg/kg dry wt.	ND	12/11/03	MFF	0.108			
m + p Xylene	mg/kg dry wt.	ND	12/11/03	MFF	0.140			
o-Xylene	mg/kg dry wt.	ND	12/11/03	MFF	0.108			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G8(20,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32300

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/11/03	MFF	4.21			
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	1.69			
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.421			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.042			
Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.051			
Bromobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.084			
Bromochloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.084			
Bromodichloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.084			
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.101			
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.101			
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	1.01			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	1.69			
n-Butylbenzene	mg/kg dry wt.	0.101	12/11/03	MFF	0.059			
sec-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.051			
tert-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.067			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.042			
Carbon Disulfide	mg/kg dry wt	ND	12/11/03	MFF	0.253			
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.084			
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.051			
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.084			
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.067			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	0.809			
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.169			
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	1.26			
2-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.051			
4-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.051			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.135			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/11/03	MFF	0.059			
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.093			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.067			

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G8(20,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32300
Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.051		
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.067		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.202		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.177		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.084		
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.059		
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.076		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.051		
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.084		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.067		
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.051		
1,3-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.084		
2,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.076		
1,1-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.118		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.084		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.042		
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.169		
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.042		
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	4.21		
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.051		
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.067		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	MFF	0.110		
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	0.817		
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.067		
Isopropylbenzene	mg/kg dry wt	ND	12/11/03	MFF	0.051		
p-Isopropyltoluene	mg/kg dry wt	0.085	12/11/03	MFF	0.059		
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.067		
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	1.26		
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.742		
Naphthalene	mg/kg dry wt	0.086	12/11/03	MFF	0.084		

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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G8(20,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32300
Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
n-Propylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.067			
Styrene	mg/kg dry wt.	ND	12/11/03	MFF	0.059			
1,1,1,2-Tetrachloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.084			
1,1,2,2-Tetrachloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.118			
Tetrachloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.084			
Tetrahydrofuran	mg/kg dry wt.	ND	12/11/03	MFF	0.421			
Toluene	mg/kg dry wt.	ND	12/11/03	MFF	0.059			
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.059			
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.059			
1,1,1-Trichloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.076			
1,1,2-Trichloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.059			
Trichloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.084			
Trichlorofluoromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.059			
1,2,3-Trichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.110			
1,2,4-Trimethylbenzene	mg/kg dry wt.	0.388	12/11/03	MFF	0.084			
1,3,5-Trimethylbenzene	mg/kg dry wt.	0.142	12/11/03	MFF	0.084			
Vinyl Acetate	mg/kg dry wt.	ND	12/11/03	MFF	1.38			
Vinyl Chloride	mg/kg dry wt.	ND	12/11/03	MFF	0.084			
m + p Xylene	mg/kg dry wt.	ND	12/11/03	MFF	0.110			
o-Xylene	mg/kg dry wt.	ND	12/11/03	MFF	0.084			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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* = See end of report for comments and notes applying to this sample



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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G9(05,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32301

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/10/03	MFF	0.041			
Acrolein	mg/kg dry wt	ND	12/10/03	MFF	0.016			
Acrylonitrile	mg/kg dry wt	ND	12/10/03	MFF	0.004			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Bromobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromochloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromodichloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Bromoform	mg/kg dry wt	ND	12/10/03	MFF	0.001			
2-Butanone (MEK)	mg/kg dry wt	ND	12/10/03	MFF	0.010			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/10/03	MFF	0.016			
n-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
sec-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
tert-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	12/10/03	MFF	0.002			
Carbon Tetrachloride	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chlorodibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/10/03	MFF	0.008			
Chloroform	mg/kg dry wt	ND	12/10/03	MFF	0.002			
Chloromethane	mg/kg dry wt	ND	12/10/03	MFF	0.012			
2-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
4-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			

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* = See end of report for comments and notes applying to this sample



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R KRANES
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60 BROOKS DRIVE
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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G9(05,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32301

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.002			
Dichlorodifluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,1-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,2-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,1-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,3-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,1-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.002			
Diisopropyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	12/10/03	MFF	0.041			
Ethyl Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Ethyl Methacrylate	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Hexachlorobutadiene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
2-Hexanone	mg/kg dry wt	ND	12/10/03	MFF	0.008			
Iodomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Isopropylbenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
p-Isopropyltoluene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
MTBE	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Methylene Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.012			
MIBK	mg/kg dry wt	ND	12/10/03	MFF	0.007			
Naphthalene	mg/kg dry wt	ND	12/10/03	MFF	0.001			

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G9(05,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32301

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
n-Propylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Styrene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,1,1,2-Tetrachloroethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,1,2,2-Tetrachloroethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Tetrahydrofuran	mg/kg dry wt.	ND	12/10/03	MFF	0.004			
Toluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,1,1-Trichloroethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,1,2-Trichloroethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Trichloroethylene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Trichlorofluoromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2,3-Trichloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Vinyl Acetate	mg/kg dry wt.	ND	12/10/03	MFF	0.014			
Vinyl Chloride	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
m + p Xylene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
o-Xylene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H6(15,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32302

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/10/03	MFF	0.048			
Acrolein	mg/kg dry wt	ND	12/10/03	MFF	0.019			
Acrylonitrile	mg/kg dry wt	ND	12/10/03	MFF	0.005			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Bromobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromochloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromodichloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Bromoform	mg/kg dry wt	ND	12/10/03	MFF	0.001			
2-Butanone (MEK)	mg/kg dry wt	ND	12/10/03	MFF	0.011			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/10/03	MFF	0.019			
n-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
sec-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
tert-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	12/10/03	MFF	0.003			
Carbon Tetrachloride	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chlorodibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/10/03	MFF	0.009			
Chloroform	mg/kg dry wt	ND	12/10/03	MFF	0.002			
Chloromethane	mg/kg dry wt	ND	12/10/03	MFF	0.014			
2-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
4-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H6(15,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32302
Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.002			
Dichlorodifluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,1-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,2-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,1-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
cis-1,2-Dichloroethylene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,3-Dichloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,1-Dichloropropene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.002			
Diisopropyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	12/10/03	MFF	0.048			
Ethyl Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Ethyl Methacrylate	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Hexachlorobutadiene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
2-Hexanone	mg/kg dry wt	ND	12/10/03	MFF	0.009			
Iodomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Isopropylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
p-Isopropyltoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
MTBE	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Methylene Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.014			
MIBK	mg/kg dry wt	ND	12/10/03	MFF	0.008			
Naphthalene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H6(15,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32302

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
n-Propylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Styrene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Tetrachloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Tetrahydrofuran	mg/kg dry wt	ND	12/10/03	MFF	0.005		
Toluene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Trichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Trichlorofluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Vinyl Acetate	mg/kg dry wt	ND	12/10/03	MFF	0.016		
Vinyl Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.001		
m + p Xylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
o-Xylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H8(20,15) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32303

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/11/03	MFF	0.038			
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	0.015			
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.004			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Bromobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Bromochloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Bromodichloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.001			
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	0.009			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	0.015			
n-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
sec-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
tert-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	12/11/03	MFF	0.002			
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	0.007			
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.002			
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	0.011			
2-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
4-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			

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ND = Not Detected

NM = Not Measured

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* = See end of report for comments and notes applying to this sample



39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H8(20,15) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32303

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002			
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,3-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,1-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.002			
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	0.038			
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	0.007			
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Isopropylbenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
p-Isopropyltoluene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.011			
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.007			
Naphthalene	mg/kg dry wt	ND	12/11/03	MFF	0.001			

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BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample # : H8(20,15) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32303

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
n-Propylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
Styrene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,1,1,2-Tetrachloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,1,2,2-Tetrachloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
Tetrachloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
Tetrahydrofuran	mg/kg dry wt.	ND	12/11/03	MFF	0.004		
Toluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,1,1-Trichloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,1,2-Trichloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
Trichloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
Trichlorofluoromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,2,3-Trichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,3,5-Trimethylbenzene	mg/kg dry wt.	0.001	12/11/03	MFF	0.001		
Vinyl Acetate	mg/kg dry wt.	ND	12/11/03	MFF	0.013		
Vinyl Chloride	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
m + p Xylene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
o-Xylene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/18/2003
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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32304

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	mg/kg dry wt	ND	12/11/03	MFF	4.50		
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	1.80		
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.450		
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.045		
Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.054		
Bromobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.090		
Bromochloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.090		
Bromodichloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.090		
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.108		
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.108		
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	1.08		
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	1.80		
n-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.063		
sec-Butylbenzene	mg/kg dry wt.	0.054	12/11/03	MFF	0.054		
tert-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.072		
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.045		
Carbon Disulfide	mg/kg dry wt	ND	12/11/03	MFF	0.270		
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.090		
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.054		
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.090		
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.072		
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	0.863		
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.180		
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	1.35		
2-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.054		
4-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.054		
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.144		
1,2-Dibromoethane	mg/kg dry wt.	ND	12/11/03	MFF	0.063		
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.099		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.072		

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Purchase Order No.:

Project Location: JANEĆO
Date Received: 12/8/2003
Field Sample #: H9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32304
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.054			
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.072			
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.216			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.189			
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.090			
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.063			
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.081			
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.054			
cis-1,2-Dichloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.090			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.072			
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.054			
1,3-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.090			
2,2-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.081			
1,1-Dichloropropene	mg/kg dry wt.	ND	12/11/03	MFF	0.126			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.090			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.045			
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.180			
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.045			
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	4.50			
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.054			
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.072			
Hexachlorobutadiene	mg/kg dry wt.	ND	12/11/03	MFF	0.117			
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	0.872			
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.072			
Isopropylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.054			
p-Isopropyltoluene	mg/kg dry wt.	0.108	12/11/03	MFF	0.063			
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.072			
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	1.35			
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.791			
Naphthalene	mg/kg dry wt.	0.095	12/11/03	MFF	0.090			

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R KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JANEKO

Date Received: 12/8/2003

Field Sample #: H9(05,10) (8-12)

Sample ID: *03B32304

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

12/18/2003

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LIMS-BAT #: LIMS-75705

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
n-Propylbenzene	mg/kg dry wt.	0.085	12/11/03	MFF	0.072			
Styrene	mg/kg dry wt	ND	12/11/03	MFF	0.063			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.090			
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.126			
Tetrachloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.090			
Tetrahydrofuran	mg/kg dry wt	ND	12/11/03	MFF	0.450			
Toluene	mg/kg dry wt	ND	12/11/03	MFF	0.063			
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.063			
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.063			
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.081			
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.063			
Trichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.090			
Trichlorofluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.063			
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.117			
1,2,4-Trimethylbenzene	mg/kg dry wt.	0.522	12/11/03	MFF	0.090			
1,3,5-Trimethylbenzene	mg/kg dry wt.	0.174	12/11/03	MFF	0.090			
Vinyl Acetate	mg/kg dry wt	ND	12/11/03	MFF	1.47			
Vinyl Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.090			
m + p Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.117			
o-Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.090			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(05,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32305

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/11/03	MFF	0.047			
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	0.019			
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.005			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Benzene	mg/kg dry wt	0.001	12/11/03	MFF	0.001			
Bromobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Bromochloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Bromodichloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.001			
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	0.011			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	0.019			
n-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
sec-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
tert-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	12/11/03	MFF	0.003			
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	0.009			
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.002			
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	0.014			
2-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
4-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(05,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32305

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002			
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
cis-1,2-Dichloroethylene	mg/kg dry wt.	0.001	12/11/03	MFF	0.001			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,3-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,1-Dichloropropene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.002			
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	0.047			
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Hexachlorobutadiene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	0.009			
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Isopropylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
p-Isopropyltoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.014			
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.008			
Naphthalene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/18/2003
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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(05,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32305

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
Styrene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Tetrachloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Tetrahydrofuran	mg/kg dry wt	ND	12/11/03	MFF	0.005		
Toluene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Trichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Trichlorofluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
Vinyl Acetate	mg/kg dry wt	ND	12/11/03	MFF	0.015		
Vinyl Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.001		
m + p Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
o-Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.001		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(15,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32306

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/11/03	MFF	4.64			
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	1.86			
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.464			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.046			
Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.056			
Bromobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.093			
Bromochloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.093			
Bromodichloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.093			
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.111			
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.111			
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	1.11			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	1.86			
n-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.065			
sec-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.056			
tert-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.074			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.046			
Carbon Disulfide	mg/kg dry wt	ND	12/11/03	MFF	0.278			
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.093			
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.056			
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.093			
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.074			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	0.891			
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.186			
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	1.39			
2-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.056			
4-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.056			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.148			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/11/03	MFF	0.065			
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.102			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.074			

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Purchase Order No.:

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(15,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32306

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.056		
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.074		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.223		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.195		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.093		
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.065		
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.084		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.056		
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.093		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.074		
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.056		
1,3-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.093		
2,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.084		
1,1-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.130		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.093		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.046		
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.186		
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.046		
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	4.64		
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.056		
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.074		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	MFF	0.121		
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	0.900		
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.074		
Isopropylbenzene	mg/kg dry wt	ND	12/11/03	MFF	0.056		
p-Isopropyltoluene	mg/kg dry wt	ND	12/11/03	MFF	0.065		
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.074		
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	1.39		
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.817		
Naphthalene	mg/kg dry wt	ND	12/11/03	MFF	0.093		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(15,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32306

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.074		
Styrene	mg/kg dry wt	ND	12/11/03	MFF	0.065		
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.093		
1,1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.130		
Tetrachloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.093		
Tetrahydrofuran	mg/kg dry wt	ND	12/11/03	MFF	0.464		
Toluene	mg/kg dry wt	ND	12/11/03	MFF	0.065		
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.065		
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.065		
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.084		
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.065		
Trichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.093		
Trichlorofluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.065		
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.121		
1,2,4-Trimethylbenzene	mg/kg dry wt.	0.212	12/11/03	MFF	0.093		
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.093		
Vinyl Acetate	mg/kg dry wt	ND	12/11/03	MFF	1.52		
Vinyl Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.093		
m + p Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.121		
o-Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.093		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(15,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32307

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	mg/kg dry wt	ND	12/11/03	MFF	0.050		
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	0.020		
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.005		
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Bromobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
Bromochloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
Bromodichloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.001		
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	0.012		
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	0.020		
n-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
sec-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
tert-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Carbon Disulfide	mg/kg dry wt	0.004	12/11/03	MFF	0.003		
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	0.010		
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.002		
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	0.015		
2-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
4-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.002		
1,2-Dibromoethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001		
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(15,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32307

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.002			
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
cis-1,2-Dichloroethylene	mg/kg dry wt.	0.001	12/11/03	MFF	0.001			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,3-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,1-Dichloropropene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.002			
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	0.050			
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Hexachlorobutadiene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	0.010			
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Isopropylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
p-Isopropyltoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.001			
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.015			
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.009			
Naphthalene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			

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BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(15,40) (4-8)

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

Sample ID: 03B32307

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
n-Propylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Styrene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,1,1,2-Tetrachloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,1,2,2-Tetrachloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Tetrahydrofuran	mg/kg dry wt.	ND	12/11/03	MFF	0.005			
Toluene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,1,1-Trichloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,1,2-Trichloroethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Trichloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Trichlorofluoromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,2,3-Trichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
Vinyl Acetate	mg/kg dry wt.	ND	12/11/03	MFF	0.016			
Vinyl Chloride	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
m + p Xylene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			
o-Xylene	mg/kg dry wt.	ND	12/11/03	MFF	0.001			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,20) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32308

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/11/03	MFF	4.57			
Acrolein	mg/kg dry wt	ND	12/11/03	MFF	1.83			
Acrylonitrile	mg/kg dry wt	ND	12/11/03	MFF	0.457			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.046			
Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.055			
Bromobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.091			
Bromochloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.091			
Bromodichloromethane	mg/kg dry wt.	ND	12/11/03	MFF	0.091			
Bromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.110			
Bromoform	mg/kg dry wt	ND	12/11/03	MFF	0.110			
2-Butanone (MEK)	mg/kg dry wt	ND	12/11/03	MFF	1.10			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/11/03	MFF	1.83			
n-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.064			
sec-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.055			
tert-Butylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.073			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.046			
Carbon Disulfide	mg/kg dry wt	ND	12/11/03	MFF	0.274			
Carbon Tetrachloride	mg/kg dry wt	ND	12/11/03	MFF	0.091			
Chlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.055			
Chlorodibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.091			
Chloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.073			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/11/03	MFF	0.878			
Chloroform	mg/kg dry wt	ND	12/11/03	MFF	0.183			
Chloromethane	mg/kg dry wt	ND	12/11/03	MFF	1.37			
2-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.055			
4-Chlorotoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.055			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.146			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/11/03	MFF	0.064			
Dibromomethane	mg/kg dry wt	ND	12/11/03	MFF	0.101			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.073			

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* = See end of report for comments and notes applying to this sample



39 Spruce Street * 2nd Floor * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

12/18/2003
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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,20) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32308

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.055		
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	MFF	0.073		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.219		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/11/03	MFF	0.192		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.091		
1,1-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.064		
1,2-Dichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.082		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.055		
cis-1,2-Dichloroethylene	mg/kg dry wt.	ND	12/11/03	MFF	0.091		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.073		
1,2-Dichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.055		
1,3-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.091		
2,2-Dichloropropane	mg/kg dry wt.	ND	12/11/03	MFF	0.082		
1,1-Dichloropropene	mg/kg dry wt.	ND	12/11/03	MFF	0.128		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.091		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/11/03	MFF	0.046		
Diethyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.183		
Diisopropyl Ether	mg/kg dry wt	ND	12/11/03	MFF	0.046		
1,4-Dioxane	mg/kg dry wt	ND	12/11/03	MFF	4.57		
Ethyl Benzene	mg/kg dry wt	ND	12/11/03	MFF	0.055		
Ethyl Methacrylate	mg/kg dry wt	ND	12/11/03	MFF	0.073		
Hexachlorobutadiene	mg/kg dry wt.	ND	12/11/03	MFF	0.119		
2-Hexanone	mg/kg dry wt	ND	12/11/03	MFF	0.887		
Iodomethane	mg/kg dry wt	ND	12/11/03	MFF	0.073		
Isopropylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.055		
p-Isopropyltoluene	mg/kg dry wt.	ND	12/11/03	MFF	0.064		
MTBE	mg/kg dry wt	ND	12/11/03	MFF	0.073		
Methylene Chloride	mg/kg dry wt	ND	12/11/03	MFF	1.37		
MIBK	mg/kg dry wt	ND	12/11/03	MFF	0.804		
Naphthalene	mg/kg dry wt.	ND	12/11/03	MFF	0.091		

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(30,20) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32308

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
n-Propylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.073			
Styrene	mg/kg dry wt	ND	12/11/03	MFF	0.064			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.091			
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.128			
Tetrachloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.091			
Tetrahydrofuran	mg/kg dry wt	ND	12/11/03	MFF	0.457			
Toluene	mg/kg dry wt	ND	12/11/03	MFF	0.064			
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.064			
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.064			
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.082			
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/11/03	MFF	0.064			
Trichloroethylene	mg/kg dry wt	ND	12/11/03	MFF	0.091			
Trichlorofluoromethane	mg/kg dry wt	ND	12/11/03	MFF	0.064			
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/11/03	MFF	0.119			
1,2,4-Trimethylbenzene	mg/kg dry wt.	0.224	12/11/03	MFF	0.091			
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/11/03	MFF	0.091			
Vinyl Acetate	mg/kg dry wt	ND	12/11/03	MFF	1.50			
Vinyl Chloride	mg/kg dry wt	ND	12/11/03	MFF	0.091			
m + p Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.119			
o-Xylene	mg/kg dry wt	ND	12/11/03	MFF	0.091			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

12/18/2003

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,40) (4-8)

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

Sample ID: *03B32309

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/12/03	MFF	5.24			
Acrolein	mg/kg dry wt	ND	12/12/03	MFF	2.09			
Acrylonitrile	mg/kg dry wt	ND	12/12/03	MFF	0.524			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.052			
Benzene	mg/kg dry wt	ND	12/12/03	MFF	0.063			
Bromobenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.105			
Bromochloromethane	mg/kg dry wt.	ND	12/12/03	MFF	0.105			
Bromodichloromethane	mg/kg dry wt.	ND	12/12/03	MFF	0.105			
Bromomethane	mg/kg dry wt	ND	12/12/03	MFF	0.126			
Bromoform	mg/kg dry wt	ND	12/12/03	MFF	0.126			
2-Butanone (MEK)	mg/kg dry wt	ND	12/12/03	MFF	1.26			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/12/03	MFF	2.09			
n-Butylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.073			
sec-Butylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.063			
tert-Butylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.084			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.052			
Carbon Disulfide	mg/kg dry wt	ND	12/12/03	MFF	0.314			
Carbon Tetrachloride	mg/kg dry wt	ND	12/12/03	MFF	0.105			
Chlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.063			
Chlorodibromomethane	mg/kg dry wt	ND	12/12/03	MFF	0.105			
Chloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.084			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/12/03	MFF	1.01			
Chloroform	mg/kg dry wt	ND	12/12/03	MFF	0.209			
Chloromethane	mg/kg dry wt	ND	12/12/03	MFF	1.57			
2-Chlorotoluene	mg/kg dry wt.	ND	12/12/03	MFF	0.063			
4-Chlorotoluene	mg/kg dry wt.	ND	12/12/03	MFF	0.063			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/12/03	MFF	0.168			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/12/03	MFF	0.073			
Dibromomethane	mg/kg dry wt	ND	12/12/03	MFF	0.115			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.084			

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(30,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32309

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.063			
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.084			
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/12/03	MFF	0.251			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/12/03	MFF	0.220			
Dichlorodifluoromethane	mg/kg dry wt	ND	12/12/03	MFF	0.105			
1,1-Dichloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.073			
1,2-Dichloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.094			
1,1-Dichloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.063			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.105			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.084			
1,2-Dichloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.063			
1,3-Dichloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.105			
2,2-Dichloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.094			
1,1-Dichloropropene	mg/kg dry wt	ND	12/12/03	MFF	0.147			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/12/03	MFF	0.105			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/12/03	MFF	0.052			
Diethyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.209			
Diisopropyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.052			
1,4-Dioxane	mg/kg dry wt	ND	12/12/03	MFF	5.24			
Ethyl Benzene	mg/kg dry wt	ND	12/12/03	MFF	0.063			
Ethyl Methacrylate	mg/kg dry wt	ND	12/12/03	MFF	0.084			
Hexachlorobutadiene	mg/kg dry wt	ND	12/12/03	MFF	0.136			
2-Hexanone	mg/kg dry wt	ND	12/12/03	MFF	1.02			
Iodomethane	mg/kg dry wt	ND	12/12/03	MFF	0.084			
Isopropylbenzene	mg/kg dry wt	ND	12/12/03	MFF	0.063			
p-Isopropyltoluene	mg/kg dry wt	ND	12/12/03	MFF	0.073			
MTBE	mg/kg dry wt	ND	12/12/03	MFF	0.084			
Methylene Chloride	mg/kg dry wt	ND	12/12/03	MFF	1.57			
MIBK	mg/kg dry wt	ND	12/12/03	MFF	0.922			
Naphthalene	mg/kg dry wt	ND	12/12/03	MFF	0.105			

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32309

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.084		
Styrene	mg/kg dry wt	ND	12/12/03	MFF	0.073		
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.105		
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.147		
Tetrachloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.105		
Tetrahydrofuran	mg/kg dry wt	ND	12/12/03	MFF	0.524		
Toluene	mg/kg dry wt	ND	12/12/03	MFF	0.073		
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.073		
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.073		
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.094		
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.073		
Trichloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.105		
Trichlorofluoromethane	mg/kg dry wt	ND	12/12/03	MFF	0.073		
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.136		
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.105		
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.105		
Vinyl Acetate	mg/kg dry wt	ND	12/12/03	MFF	1.72		
Vinyl Chloride	mg/kg dry wt	ND	12/12/03	MFF	0.105		
m + p Xylene	mg/kg dry wt	ND	12/12/03	MFF	0.136		
o-Xylene	mg/kg dry wt	ND	12/12/03	MFF	0.105		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : *03B32310

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/12/03	MFF	3.81			
Acrolein	mg/kg dry wt	ND	12/12/03	MFF	1.53			
Acrylonitrile	mg/kg dry wt	ND	12/12/03	MFF	0.381			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.038			
Benzene	mg/kg dry wt	ND	12/12/03	MFF	0.046			
Bromobenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.076			
Bromochloromethane	mg/kg dry wt.	ND	12/12/03	MFF	0.076			
Bromodichloromethane	mg/kg dry wt.	ND	12/12/03	MFF	0.076			
Bromomethane	mg/kg dry wt	ND	12/12/03	MFF	0.092			
Bromoform	mg/kg dry wt	ND	12/12/03	MFF	0.092			
2-Butanone (MEK)	mg/kg dry wt	ND	12/12/03	MFF	0.916			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/12/03	MFF	1.53			
n-Butylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.053			
sec-Butylbenzene	mg/kg dry wt.	0.076	12/12/03	MFF	0.046			
tert-Butylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.061			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.038			
Carbon Disulfide	mg/kg dry wt	ND	12/12/03	MFF	0.229			
Carbon Tetrachloride	mg/kg dry wt	ND	12/12/03	MFF	0.076			
Chlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.046			
Chlorodibromomethane	mg/kg dry wt	ND	12/12/03	MFF	0.076			
Chloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.061			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/12/03	MFF	0.732			
Chloroform	mg/kg dry wt	ND	12/12/03	MFF	0.153			
Chloromethane	mg/kg dry wt	ND	12/12/03	MFF	1.14			
2-Chlorotoluene	mg/kg dry wt.	ND	12/12/03	MFF	0.046			
4-Chlorotoluene	mg/kg dry wt.	ND	12/12/03	MFF	0.046			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/12/03	MFF	0.122			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/12/03	MFF	0.053			
Dibromomethane	mg/kg dry wt	ND	12/12/03	MFF	0.084			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.061			

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: J9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: *03B32310

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.046		
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/12/03	MFF	0.061		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/12/03	MFF	0.183		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/12/03	MFF	0.160		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/12/03	MFF	0.076		
1,1-Dichloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.053		
1,2-Dichloroethane	mg/kg dry wt	ND	12/12/03	MFF	0.069		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.046		
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.076		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/12/03	MFF	0.061		
1,2-Dichloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.046		
1,3-Dichloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.076		
2,2-Dichloropropane	mg/kg dry wt	ND	12/12/03	MFF	0.069		
1,1-Dichloropropene	mg/kg dry wt	ND	12/12/03	MFF	0.107		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/12/03	MFF	0.076		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/12/03	MFF	0.038		
Diethyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.153		
Diisopropyl Ether	mg/kg dry wt	ND	12/12/03	MFF	0.038		
1,4-Dioxane	mg/kg dry wt	ND	12/12/03	MFF	3.81		
Ethyl Benzene	mg/kg dry wt	ND	12/12/03	MFF	0.046		
Ethyl Methacrylate	mg/kg dry wt	ND	12/12/03	MFF	0.061		
Hexachlorobutadiene	mg/kg dry wt	ND	12/12/03	MFF	0.099		
2-Hexanone	mg/kg dry wt	ND	12/12/03	MFF	0.740		
Iodomethane	mg/kg dry wt	ND	12/12/03	MFF	0.061		
Isopropylbenzene	mg/kg dry wt	ND	12/12/03	MFF	0.046		
p-Isopropyltoluene	mg/kg dry wt	ND	12/12/03	MFF	0.053		
MTBE	mg/kg dry wt	ND	12/12/03	MFF	0.061		
Methylene Chloride	mg/kg dry wt	ND	12/12/03	MFF	1.14		
MIBK	mg/kg dry wt	ND	12/12/03	MFF	0.671		
Naphthalene	mg/kg dry wt	ND	12/12/03	MFF	0.076		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

R KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JANEKO

Date Received: 12/8/2003

Field Sample #: J9(05,10) (8-12)

Sample ID: *03B32310

Sampled: 12/4/2003

NOT SPECIFIED

Sample Matrix: SOIL

12/18/2003

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LIMS-BAT #: LIMS-75705

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
n-Propylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.061			
Styrene	mg/kg dry wt.	ND	12/12/03	MFF	0.053			
1,1,1,2-Tetrachloroethane	mg/kg dry wt.	ND	12/12/03	MFF	0.076			
1,1,2,2-Tetrachloroethane	mg/kg dry wt.	ND	12/12/03	MFF	0.107			
Tetrachloroethylene	mg/kg dry wt.	ND	12/12/03	MFF	0.076			
Tetrahydrofuran	mg/kg dry wt.	ND	12/12/03	MFF	0.381			
Toluene	mg/kg dry wt.	ND	12/12/03	MFF	0.053			
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.053			
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.053			
1,1,1-Trichloroethane	mg/kg dry wt.	ND	12/12/03	MFF	0.069			
1,1,2-Trichloroethane	mg/kg dry wt.	ND	12/12/03	MFF	0.053			
Trichloroethylene	mg/kg dry wt.	ND	12/12/03	MFF	0.076			
Trichlorofluoromethane	mg/kg dry wt.	ND	12/12/03	MFF	0.053			
1,2,3-Trichloropropane	mg/kg dry wt.	ND	12/12/03	MFF	0.099			
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.076			
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/12/03	MFF	0.076			
Vinyl Acetate	mg/kg dry wt.	ND	12/12/03	MFF	1.25			
Vinyl Chloride	mg/kg dry wt.	ND	12/12/03	MFF	0.076			
m + p Xylene	mg/kg dry wt.	ND	12/12/03	MFF	0.099			
o-Xylene	mg/kg dry wt.	ND	12/12/03	MFF	0.076			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: J9(15,05) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32311

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	mg/kg dry wt	ND	12/10/03	MFF	0.054		
Acrolein	mg/kg dry wt	ND	12/10/03	MFF	0.022		
Acrylonitrile	mg/kg dry wt	ND	12/10/03	MFF	0.005		
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Benzene	mg/kg dry wt	0.001	12/10/03	MFF	0.001		
Bromobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Bromochloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Bromodichloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Bromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Bromoform	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2-Butanone (MEK)	mg/kg dry wt	ND	12/10/03	MFF	0.013		
tert-Butyl Alcohol	mg/kg dry wt	ND	12/10/03	MFF	0.022		
n-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
sec-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
tert-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
tert-Butylethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Carbon Disulfide	mg/kg dry wt	ND	12/10/03	MFF	0.003		
Carbon Tetrachloride	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Chlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Chlorodibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Chloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2-Chloroethylvinylether	mg/kg dry wt	ND	12/10/03	MFF	0.010		
Chloroform	mg/kg dry wt	ND	12/10/03	MFF	0.002		
Chloromethane	mg/kg dry wt	ND	12/10/03	MFF	0.016		
2-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
4-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.002		
1,2-Dibromoethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Dibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: J9(15,05) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32311

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.003		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.002		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,2-Dichloroethylene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,3-Dichloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
2,2-Dichloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,1-Dichloropropene	mg/kg dry wt.	ND	12/10/03	MFF	0.002		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Diethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.002		
Diisopropyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dioxane	mg/kg dry wt	ND	12/10/03	MFF	0.054		
Ethyl Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Ethyl Methacrylate	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Hexachlorobutadiene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
2-Hexanone	mg/kg dry wt	ND	12/10/03	MFF	0.010		
Iodomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Isopropylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
p-Isopropyltoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
MTBE	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Methylene Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.016		
MIBK	mg/kg dry wt	ND	12/10/03	MFF	0.010		
Naphthalene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(15,05) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32311

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Styrene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.002		
Tetrachloroethylene	mg/kg dry wt	0.004	12/10/03	MFF	0.001		
Tetrahydrofuran	mg/kg dry wt	ND	12/10/03	MFF	0.005		
Toluene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Trichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Trichlorofluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Vinyl Acetate	mg/kg dry wt	ND	12/10/03	MFF	0.018		
Vinyl Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.001		
m + p Xylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
o-Xylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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* = See end of report for comments and notes applying to this sample



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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: J9(30,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32312
Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/10/03	MFF	0.035			
Acrolein	mg/kg dry wt	ND	12/10/03	MFF	0.014			
Acrylonitrile	mg/kg dry wt	ND	12/10/03	MFF	0.004			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Bromobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromochloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromodichloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Bromoform	mg/kg dry wt	ND	12/10/03	MFF	0.001			
2-Butanone (MEK)	mg/kg dry wt	ND	12/10/03	MFF	0.008			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/10/03	MFF	0.014			
n-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
sec-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
tert-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	12/10/03	MFF	0.002			
Carbon Tetrachloride	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chlorodibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/10/03	MFF	0.007			
Chloroform	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chloromethane	mg/kg dry wt	ND	12/10/03	MFF	0.011			
2-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
4-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(30,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32312

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.002		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,3-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Diethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Diisopropyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dioxane	mg/kg dry wt	ND	12/10/03	MFF	0.035		
Ethyl Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Ethyl Methacrylate	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Hexachlorobutadiene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
2-Hexanone	mg/kg dry wt	ND	12/10/03	MFF	0.007		
Iodomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Isopropylbenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
p-Isopropyltoluene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
MTBE	mg/kg dry wt	0.018	12/10/03	MFF	0.001		
Methylene Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.011		
MIBK	mg/kg dry wt	ND	12/10/03	MFF	0.006		
Naphthalene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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R KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JANEKO

Date Received: 12/8/2003

Field Sample #: J9(30,15) (8-12)

Sample ID: 03B32312

Sampled: 12/4/2003

NOT SPECIFIED

Sample Matrix: SOIL

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LIMS-BAT #: LIMS-75705

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
n-Propylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Styrene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,1,1,2-Tetrachloroethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,1,2,2-Tetrachloroethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Tetrahydrofuran	mg/kg dry wt.	ND	12/10/03	MFF	0.004			
Toluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,1,1-Trichloroethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,1,2-Trichloroethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Trichloroethylene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Trichlorofluoromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2,3-Trichloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2,4-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Vinyl Acetate	mg/kg dry wt.	ND	12/10/03	MFF	0.012			
Vinyl Chloride	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
m + p Xylene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
o-Xylene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

12/18/2003
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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: K9(15,10) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32313

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acetone	mg/kg dry wt	ND	12/10/03	MFF	0.073			
Acrolein	mg/kg dry wt	ND	12/10/03	MFF	0.029			
Acrylonitrile	mg/kg dry wt	ND	12/10/03	MFF	0.007			
tert-Amylmethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Bromobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromochloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromodichloromethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Bromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.002			
Bromoform	mg/kg dry wt	ND	12/10/03	MFF	0.002			
2-Butanone (MEK)	mg/kg dry wt	ND	12/10/03	MFF	0.018			
tert-Butyl Alcohol	mg/kg dry wt	ND	12/10/03	MFF	0.029			
n-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
sec-Butylbenzene	mg/kg dry wt.	0.004	12/10/03	MFF	0.001			
tert-Butylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
tert-Butylethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	0.016	12/10/03	MFF	0.004			
Carbon Tetrachloride	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chlorodibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001			
2-Chloroethylvinylether	mg/kg dry wt	ND	12/10/03	MFF	0.014			
Chloroform	mg/kg dry wt	ND	12/10/03	MFF	0.003			
Chloromethane	mg/kg dry wt	ND	12/10/03	MFF	0.022			
2-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
4-Chlorotoluene	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt.	ND	12/10/03	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	12/10/03	MFF	0.002			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001			

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R KRANES
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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: K9(15,10) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32313

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dichlorobenzene	mg/kg dry wt	0.004	12/10/03	MFF	0.001		
cis-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.004		
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	12/10/03	MFF	0.003		
Dichlorodifluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
cis-1,2-Dichloroethylene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2-Dichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,3-Dichloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
2,2-Dichloropropane	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,1-Dichloropropene	mg/kg dry wt.	ND	12/10/03	MFF	0.002		
cis-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
trans-1,3-Dichloropropene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Diethyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.003		
Diisopropyl Ether	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,4-Dioxane	mg/kg dry wt	ND	12/10/03	MFF	0.073		
Ethyl Benzene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Ethyl Methacrylate	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Hexachlorobutadiene	mg/kg dry wt.	ND	12/10/03	MFF	0.002		
2-Hexanone	mg/kg dry wt	ND	12/10/03	MFF	0.014		
Iodomethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Isopropylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
p-Isopropyltoluene	mg/kg dry wt.	0.002	12/10/03	MFF	0.001		
MTBE	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Methylene Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.022		
MIBK	mg/kg dry wt	ND	12/10/03	MFF	0.013		
Naphthalene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: K9(15,10) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32313
Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Styrene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.002		
Tetrachloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Tetrahydrofuran	mg/kg dry wt	ND	12/10/03	MFF	0.007		
Toluene	mg/kg dry wt	0.003	12/10/03	MFF	0.001		
1,2,3-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,2,4-Trichlorobenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
1,1,1-Trichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,1,2-Trichloroethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Trichloroethylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		
Trichlorofluoromethane	mg/kg dry wt	ND	12/10/03	MFF	0.001		
1,2,3-Trichloropropane	mg/kg dry wt	ND	12/10/03	MFF	0.002		
1,2,4-Trimethylbenzene	mg/kg dry wt.	0.004	12/10/03	MFF	0.001		
1,3,5-Trimethylbenzene	mg/kg dry wt.	ND	12/10/03	MFF	0.001		
Vinyl Acetate	mg/kg dry wt	ND	12/10/03	MFF	0.024		
Vinyl Chloride	mg/kg dry wt	ND	12/10/03	MFF	0.001		
m + p Xylene	mg/kg dry wt	ND	12/10/03	MFF	0.002		
o-Xylene	mg/kg dry wt	ND	12/10/03	MFF	0.001		

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: TRIP BLANK

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32314

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: LIQUIDS

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acetone	mg/kg	ND	12/10/03	MFF	0.100		
Acrolein	mg/kg	ND	12/10/03	MFF	0.040		
Acrylonitrile	mg/kg	ND	12/10/03	MFF	0.010		
tert-Amylmethyl Ether	mg/kg	ND	12/10/03	MFF	0.001		
Benzene	mg/kg	ND	12/10/03	MFF	0.001		
Bromobenzene	mg/kg	ND	12/10/03	MFF	0.001		
Bromochloromethane	mg/kg	ND	12/10/03	MFF	0.001		
Bromodichloromethane	mg/kg	ND	12/10/03	MFF	0.001		
Bromomethane	mg/kg	ND	12/10/03	MFF	0.002		
Bromoform	mg/kg	ND	12/10/03	MFF	0.002		
2-Butanone (MEK)	mg/kg	ND	12/10/03	MFF	0.024		
tert-Butyl Alcohol	mg/kg	ND	12/10/03	MFF	0.040		
n-Butylbenzene	mg/kg	ND	12/10/03	MFF	0.001		
sec-Butylbenzene	mg/kg	ND	12/10/03	MFF	0.001		
tert-Butylbenzene	mg/kg	ND	12/10/03	MFF	0.002		
tert-Butylethyl Ether	mg/kg	ND	12/10/03	MFF	0.001		
Carbon Disulfide	mg/kg	ND	12/10/03	MFF	0.006		
Carbon Tetrachloride	mg/kg	ND	12/10/03	MFF	0.001		
Chlorobenzene	mg/kg	ND	12/10/03	MFF	0.001		
Chlorodibromomethane	mg/kg	ND	12/10/03	MFF	0.001		
Chloroethane	mg/kg	ND	12/10/03	MFF	0.002		
2-Chloroethylvinylether	mg/kg	ND	12/10/03	MFF	0.019		
Chloroform	mg/kg	ND	12/10/03	MFF	0.004		
Chloromethane	mg/kg	ND	12/10/03	MFF	0.030		
2-Chlorotoluene	mg/kg	ND	12/10/03	MFF	0.001		
4-Chlorotoluene	mg/kg	ND	12/10/03	MFF	0.001		
1,2-Dibromo-3-Chloropropane	mg/kg	ND	12/10/03	MFF	0.003		
1,2-Dibromoethane	mg/kg	ND	12/10/03	MFF	0.001		
Dibromomethane	mg/kg	ND	12/10/03	MFF	0.002		
1,2-Dichlorobenzene	mg/kg	ND	12/10/03	MFF	0.002		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: TRIP BLANK

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32314

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: LIQUIDS

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,3-Dichlorobenzene	mg/kg	ND	12/10/03	MFF	0.001		
1,4-Dichlorobenzene	mg/kg	ND	12/10/03	MFF	0.002		
cis-1,4-Dichloro-2-Butene	mg/kg	ND	12/10/03	MFF	0.005		
trans-1,4-Dichloro-2-Butene	mg/kg	ND	12/10/03	MFF	0.004		
Dichlorodifluoromethane	mg/kg	ND	12/10/03	MFF	0.002		
1,1-Dichloroethane	mg/kg	ND	12/10/03	MFF	0.001		
1,2-Dichloroethane	mg/kg	ND	12/10/03	MFF	0.002		
1,1-Dichloroethylene	mg/kg	ND	12/10/03	MFF	0.001		
cis-1,2-Dichloroethylene	mg/kg	ND	12/10/03	MFF	0.001		
trans-1,2-Dichloroethylene	mg/kg	ND	12/10/03	MFF	0.002		
1,2-Dichloropropane	mg/kg	ND	12/10/03	MFF	0.001		
1,3-Dichloropropane	mg/kg	ND	12/10/03	MFF	0.001		
2,2-Dichloropropane	mg/kg	ND	12/10/03	MFF	0.002		
1,1-Dichloropropene	mg/kg	ND	12/10/03	MFF	0.003		
cis-1,3-Dichloropropene	mg/kg	ND	12/10/03	MFF	0.001		
trans-1,3-Dichloropropene	mg/kg	ND	12/10/03	MFF	0.001		
Diethyl Ether	mg/kg	ND	12/10/03	MFF	0.004		
Diisopropyl Ether	mg/kg	ND	12/10/03	MFF	0.001		
1,4-Dioxane	mg/kg	ND	12/10/03	MFF	0.100		
Ethyl Benzene	mg/kg	ND	12/10/03	MFF	0.001		
Ethyl Methacrylate	mg/kg	ND	12/10/03	MFF	0.002		
Hexachlorobutadiene	mg/kg	ND	12/10/03	MFF	0.003		
2-Hexanone	mg/kg	ND	12/10/03	MFF	0.019		
Iodomethane	mg/kg	ND	12/10/03	MFF	0.002		
Isopropylbenzene	mg/kg	ND	12/10/03	MFF	0.001		
p-Isopropyltoluene	mg/kg	ND	12/10/03	MFF	0.001		
MTBE	mg/kg	ND	12/10/03	MFF	0.002		
Methylene Chloride	mg/kg	ND	12/10/03	MFF	0.030		
MIBK	mg/kg	ND	12/10/03	MFF	0.018		
Naphthalene	mg/kg	ND	12/10/03	MFF	0.002		

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: TRIP BLANK

Purchase Order No.:

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32314

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: LIQUIDS

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
n-Propylbenzene	mg/kg	ND	12/10/03	MFF	0.002		
Styrene	mg/kg	ND	12/10/03	MFF	0.001		
1,1,1,2-Tetrachloroethane	mg/kg	ND	12/10/03	MFF	0.001		
1,1,2,2-Tetrachloroethane	mg/kg	ND	12/10/03	MFF	0.003		
Tetrachloroethylene	mg/kg	ND	12/10/03	MFF	0.001		
Tetrahydrofuran	mg/kg	ND	12/10/03	MFF	0.010		
Toluene	mg/kg	ND	12/10/03	MFF	0.001		
1,2,3-Trichlorobenzene	mg/kg	ND	12/10/03	MFF	0.001		
1,2,4-Trichlorobenzene	mg/kg	ND	12/10/03	MFF	0.001		
1,1,1-Trichloroethane	mg/kg	ND	12/10/03	MFF	0.002		
1,1,2-Trichloroethane	mg/kg	ND	12/10/03	MFF	0.001		
Trichloroethylene	mg/kg	ND	12/10/03	MFF	0.002		
Trichlorofluoromethane	mg/kg	ND	12/10/03	MFF	0.001		
1,2,3-Trichloropropane	mg/kg	ND	12/10/03	MFF	0.003		
1,2,4-Trimethylbenzene	mg/kg	ND	12/10/03	MFF	0.001		
1,3,5-Trimethylbenzene	mg/kg	ND	12/10/03	MFF	0.002		
Vinyl Acetate	mg/kg	ND	12/10/03	MFF	0.033		
Vinyl Chloride	mg/kg	ND	12/10/03	MFF	0.001		
m + p Xylene	mg/kg	ND	12/10/03	MFF	0.003		
o-Xylene	mg/kg	ND	12/10/03	MFF	0.001		

Analytical Method:

SW846 8260

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G6(15,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32276

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	2.54			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	1.09			
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	0.73			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	0.36			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.73			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.73			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.73			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			

SOIL

8270

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NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street * 2nd Floor * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G6(15,35) (4-8)

12/18/2003
Page 50 of 181
LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32276

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.18			
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.73			
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.73			
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	0.36			
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.73			
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	0.36			
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Naphthalene	mg/kg dry wt	0.27	12/11/03	BGL	0.18			
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.36			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G6(15,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32276

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.36		
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36		
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.73		
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	0.36		
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	0.36		
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Phenol	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	0.36		
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36		
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G6(15,35) (8-12)

12/18/2003
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LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32277

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	2.54			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	1.09			
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	0.72			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	0.36			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.72			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.72			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.72			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G6(15,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32277

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.18		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.36		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.72		
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	0.36		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.36		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.72		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	0.36		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	0.36		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	0.36		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.36		

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G6(15,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32277

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.36			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.72			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	0.36			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	0.36			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	0.36			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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determine PASS (P) or FAIL (F) condition of results.

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G8(20,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32278

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
Benzydine	mg/kg dry wt	ND	12/11/03	BGL	24.4			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	10.4			
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	6.96			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	3.48			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	6.96			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	6.96			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	6.96			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.48			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	3.48			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.48			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.48			

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G8(20,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32278

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.48		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	1.74		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	3.48		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.48		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	3.48		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	6.96		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.48		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	6.96		
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	3.48		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.48		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.48		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	3.48		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	6.96		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	3.48		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	3.48		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	3.48		
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	1.74		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	1.74		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.48		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	3.48		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	3.48		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	3.48		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	1.74		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	3.48		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	3.48		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	3.48		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	1.74		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	1.74		
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	3.48		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street * 2nd Floor * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G8(20,15) (8-12)

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

Sample ID: 03B32278

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	3.48			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.48			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	3.48			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	6.96			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	3.48			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	3.48			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	3.48			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	1.74			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	3.48			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.48			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	3.48			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	3.48			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street * 2nd Floor * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G9(05,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32279

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	2.67			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	1.15			
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	0.38			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.76			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			

RL = Reporting Limit

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NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G9(05,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32279

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.19			
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76			
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	0.38			
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	0.38			
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.38			

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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G9(05,35) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32279

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.38			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	0.38			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	0.38			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	0.38			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G9(05,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32280

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	7.27		
Aniline	mg/kg dry wt	ND	12/11/03	BGL	7.27		
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	50.9		
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	21.8		
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	14.5		
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	7.27		
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	7.27		
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.27		
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.27		
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	7.27		
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.27		
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.5		
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	14.5		
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	14.5		
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	7.27		
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.27		
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.27		
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	7.27		
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.27		
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.27		

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: G9(05,35) (8-12)

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LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32280

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.27			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	3.63			
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.27			
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.5			
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.5			
1,2-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.27			
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.27			
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.27			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.27			
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.5			
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.27			
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.27			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	7.27			
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	7.27			
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	7.27			
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.27			

RL = Reporting Limit

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G9(05,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32280

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.27			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.27			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	7.27			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.5			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	7.27			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	7.27			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	7.27			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	7.27			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.27			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.27			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.27			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

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determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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GOLDMAN ENVIRONMENTAL
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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H6(15,35) (8-12)

Purchase Order No.:

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32281

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	2.48			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	1.06			
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	0.71			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	0.35			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.71			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.71			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.71			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.35			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.35			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.35			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.35			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street * 2nd Floor * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

12/18/2003
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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H6(15,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32281

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.35		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.18		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.35		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.35		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.35		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.71		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.35		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.71		
1,2-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.35		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.35		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.35		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.35		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.71		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.35		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.35		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	0.35		
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.35		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	0.35		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	0.35		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	0.35		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	0.35		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	0.35		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	0.35		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.35		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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R KRANES
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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H6(15,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32281

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.35			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.35			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.35			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.71			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	0.35			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	0.35			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	0.35			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	0.35			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.35			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.35			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.35			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H8(20,15) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32282

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Aniline	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	2.55		
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	1.09		
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	0.73		
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	0.36		
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.73		
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.73		
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.73		
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36		
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.18		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H8(20,15) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32282

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.18			
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.73			
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.73			
1,2-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.73			
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	0.36			
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.36			

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BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H8(20,15) (4-8)

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

Sample ID: 03B32282

Sampled: 12/4/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.36			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.73			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	0.36			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	0.36			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.18			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	0.36			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.36			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H8(20,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32283

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	25.1			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	10.7			
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	7.16			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	3.58			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.16			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.16			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.16			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	3.58			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.58			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H8(20,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32283 Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	1.79			
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.58			
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.16			
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.16			
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	3.58			
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	3.58			
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	7.16			
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	3.58			
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	3.58			
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	3.58			
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	3.58			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H8(20,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32283

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	3.58			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	3.58			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	7.16			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	3.58			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	3.58			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	3.58			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	1.79			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	3.58			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	3.58			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	3.58			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	3.58			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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regulatory level for comparison with data to
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39 Spruce Street * 2nd Floor * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32284

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Aniline	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	50.8		
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	21.8		
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	14.5		
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	7.26		
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.5		
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	14.5		
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	14.5		
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	7.26		
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.26		
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.26		
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.26		

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(05,10) (8-12)

Purchase Order No.:

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32284

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.26			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	3.63			
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.26			
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.26			
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.26			
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.5			
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.26			
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.5			
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	7.26			
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.26			
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.26			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.26			
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.5			
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.26			
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.26			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	7.26			
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.26			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	7.26			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	7.26			
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	7.26			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	7.26			
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	7.26			
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	7.26			
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.63			
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.26			

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60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32284

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.26		
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.26		
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	7.26		
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.5		
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	7.26		
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	7.26		
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Phenol	mg/kg dry wt	ND	12/11/03	BGL	7.26		
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.63		
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	7.26		
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.26		
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.26		
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.26		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
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Purchase Order No.:

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(05,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32285

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Aniline	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	10.4		
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	4.44		
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	2.96		
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	1.48		
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	2.96		
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	2.96		
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	2.96		
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.48		
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.48		

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R KRANES
GOLDMAN ENVIRONMENTAL
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BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(05,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32285

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.74		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.48		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	2.96		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	2.96		
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	1.48		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.48		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	2.96		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	1.48		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	1.48		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	1.48		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.48		

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GOLDMAN ENVIRONMENTAL
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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(05,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32285

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.48		
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	1.48		
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	2.96		
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	1.48		
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	1.48		
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Phenol	mg/kg dry wt	ND	12/11/03	BGL	1.48		
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.74		
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	1.48		
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.48		
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.48		
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.48		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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GOLDMAN ENVIRONMENTAL
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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(05,40) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32286

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Aniline	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	11.0		
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	4.72		
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	3.15		
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	1.57		
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.15		
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	3.15		
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	3.15		
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	1.57		
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.57		
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.57		
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.57		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(05,40) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32286

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.57			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.79			
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.57			
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.57			
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.57			
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.15			
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.57			
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.15			
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	1.57			
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.57			
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.57			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.57			
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	3.15			
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	1.57			
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	1.57			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	1.57			
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.79			
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.79			
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.57			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	1.57			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	1.57			
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	1.57			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.79			
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	1.57			
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	1.57			
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	1.57			
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.79			
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.79			
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.57			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(05,40) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32286

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.57		
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.57		
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	1.57		
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	3.15		
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	1.57		
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	1.57		
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
Phenol	mg/kg dry wt	ND	12/11/03	BGL	1.57		
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.79		
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	1.57		
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.57		
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.57		
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.57		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(15,05) (8-12)

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LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32287

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	50.7			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	21.7			
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	14.5			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	7.24			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.5			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	14.5			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	14.5			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	7.24			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.24			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.24			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.24			

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* = See end of report for comments and notes applying to this sample



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BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(15,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32287

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.24		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	3.62		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.24		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.24		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.24		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.5		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.24		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.5		
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	7.24		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.24		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.24		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.24		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.5		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.24		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.24		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	7.24		
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.62		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	3.62		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.24		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	7.24		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	7.24		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	7.24		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.62		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	7.24		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	7.24		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	7.24		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.62		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.62		
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.24		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(15,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32287

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.24			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.24			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	7.24			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.5			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	7.24			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	7.24			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	7.24			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.62			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	7.24			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.24			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.24			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.24			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(15,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32288

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.72			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.72			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	1.44			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	1.44			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.72			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	10.1			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	4.33			
Benzo(a)anthracene	mg/kg dry wt	0.94	12/11/03	BGL	0.72			
Benzo(a)pyrene	mg/kg dry wt	0.85	12/11/03	BGL	0.72			
Benzo(b)fluoranthene	mg/kg dry wt	1.11	12/11/03	BGL	0.72			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.72			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.72			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	2.89			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	1.44			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	1.44			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	1.44			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	1.44			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	1.44			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	1.44			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	2.89			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	2.89			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	2.89			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	1.44			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.44			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	1.44			
Chrysene	mg/kg dry wt	1.15	12/11/03	BGL	0.72			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	1.44			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.72			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.44			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.44			

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(15,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32288

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.44		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.72		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.44		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	2.89		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	2.89		
1,2-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.44		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.44		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.44		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.44		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	2.89		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	1.44		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	1.44		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Fluoranthene	mg/kg dry wt	1.91	12/11/03	BGL	0.72		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	1.44		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	1.44		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	1.44		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.44		

RL = Reporting Limit

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NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(15,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32288

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.44		
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.44		
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	1.44		
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	2.89		
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	1.44		
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	1.44		
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Phenanthrene	mg/kg dry wt	1.15	12/11/03	BGL	0.72		
Phenol	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Pyrene	mg/kg dry wt	2.19	12/11/03	BGL	0.72		
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	1.44		
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.44		
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.44		
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.44		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

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regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street * 2nd Floor * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/18/2003
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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(15,40) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32289

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	5.33			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	2.28			
Benzo(a)anthracene	mg/kg dry wt	0.54	12/11/03	BGL	0.38			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Benzo(b)fluoranthene	mg/kg dry wt	0.61	12/11/03	BGL	0.38			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	1.52			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.52			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.52			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.52			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.76			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Chrysene	mg/kg dry wt	0.61	12/11/03	BGL	0.38			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.76			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.76			

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(15,40) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32289

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.76		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.38		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.76		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.52		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.52		
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	0.76		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.76		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.76		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.76		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	1.52		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.76		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.76		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	0.76		
Fluoranthene	mg/kg dry wt	1.05	12/11/03	BGL	0.38		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.76		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	0.76		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	0.76		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	0.76		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	0.76		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	0.76		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	0.76		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.76		

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAintree, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(15,40) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32289

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.76			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.76			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	1.52			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	0.76			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	0.76			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Phenanthrene	mg/kg dry wt	1.10	12/11/03	BGL	0.38			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Pyrene	mg/kg dry wt	1.17	12/11/03	BGL	0.38			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	0.76			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.76			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,20) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32290
Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	49.5			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	21.2			
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	14.1			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	7.07			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.1			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	14.1			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	14.1			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	7.07			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.07			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.07			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.07			

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,20) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32290

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.07		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	3.53		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.07		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.07		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.07		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.1		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.07		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.1		
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	7.07		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.07		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.07		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.07		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.1		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.07		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.07		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	7.07		
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.53		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	3.53		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.07		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	7.07		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	7.07		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	7.07		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.53		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	7.07		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	7.07		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	7.07		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.53		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.53		
2-Nitroaniiline	mg/kg dry wt	ND	12/11/03	BGL	7.07		

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,20) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32290

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.07			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.07			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	7.07			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.1			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	7.07			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	7.07			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	7.07			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.53			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	7.07			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.07			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.07			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.07			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32291

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	49.9			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	21.4			
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	14.2			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	7.12			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.2			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	14.2			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	14.2			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	7.12			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.12			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.12			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.12			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street * 2nd Floor * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32291

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.12		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	3.56		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.12		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.12		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.12		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.2		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.12		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.2		
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	7.12		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.12		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.12		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.12		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.2		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.12		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.12		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	7.12		
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.56		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	3.56		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.12		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	7.12		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	7.12		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	7.12		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.56		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	7.12		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	7.12		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	7.12		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.56		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.56		
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.12		

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32291

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.12			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.12			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	7.12			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.2			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	7.12			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	7.12			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	7.12			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.56			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	7.12			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.12			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.12			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.12			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

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SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(30,40) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32292

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Aniline	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	50.5		
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	21.7		
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	14.4		
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	7.22		
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.4		
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	14.4		
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	14.4		
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.22		
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.22		

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order No..

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: H9(30,40) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32292

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	3.61		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.22		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.4		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	14.4		
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	7.22		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	7.22		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.4		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	7.22		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	7.22		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	7.22		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.22		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample # : H9(30,40) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32292

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.22		
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	7.22		
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	14.4		
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	7.22		
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	7.22		
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Phenol	mg/kg dry wt	ND	12/11/03	BGL	7.22		
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	3.61		
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	7.22		
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	7.22		
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.22		
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	7.22		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32293

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.90		
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.90		
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	1.81		
Aniline	mg/kg dry wt	ND	12/11/03	BGL	1.81		
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.90		
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	12.6		
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	5.42		
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.90		
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.90		
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.90		
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.90		
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.90		
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	3.61		
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	1.81		
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	1.81		
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	1.81		
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	1.81		
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	1.81		
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	1.81		
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.61		
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	3.61		
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	3.61		
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	1.81		
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.81		
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	1.81		
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.90		
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	1.81		
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.90		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.81		
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.81		

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BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32293

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.81			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.90			
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.81			
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.61			
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.61			
1,2-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.81			
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.81			
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.81			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.81			
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	3.61			
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	1.81			
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	1.81			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.90			
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.90			
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.90			
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	1.81			
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	1.81			
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	1.81			
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.90			
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.90			
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.81			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/18/2003
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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(05,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32293

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.81			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.81			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	1.81			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	3.61			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	1.81			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	1.81			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.90			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	1.81			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.90			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	1.81			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.81			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.81			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.81			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street * 2nd Floor * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

12/18/2003
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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: J9(15,05) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32294

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Aniline	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	5.04		
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	2.16		
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	1.44		
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	0.72		
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.44		
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.44		
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.44		
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.72		
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.72		

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* = See end of report for comments and notes applying to this sample



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BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(15,05) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32294

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.36		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.72		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.44		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.44		
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	0.72		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.72		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	1.44		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	0.72		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	0.72		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	0.72		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	0.72		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.36		
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.72		

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60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(15,05) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32294

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.72			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.72			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.72			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.72			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	1.44			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	0.72			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	0.72			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	0.72			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.72			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	0.72			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.36			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	0.72			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.72			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.72			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.72			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(15,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32295

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	13.3			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	5.68			
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	3.79			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	1.89			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.79			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	3.79			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	3.79			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	1.89			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.89			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.89			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.89			

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(15,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32295

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/F
						Lo	Hi	
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.89			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.95			
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.89			
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.79			
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	3.79			
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	1.89			
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.89			
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.89			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	1.89			
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	3.79			
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	1.89			
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	1.89			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	1.89			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	1.89			
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	1.89			
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	1.89			
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.95			
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.89			

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

12/18/2003
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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: J9(15,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32295

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.89		
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	1.89		
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.89		
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	1.89		
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	3.79		
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	1.89		
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	1.89		
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	1.89		
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.89		
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.95		
Phenol	mg/kg dry wt	ND	12/11/03	BGL	1.89		
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.95		
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	1.89		
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	1.89		
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.89		
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	1.89		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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* = See end of report for comments and notes applying to this sample



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60 BROOKS DRIVE
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Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(30,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32296

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Aniline	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	2.64			
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	1.13			
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	0.38			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76			
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.76			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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R KRANES
GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: J9(30,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32296

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.19		
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.38		
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76		
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76		
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	0.38		
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.38		
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76		
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	0.38		
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	0.38		
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	0.38		
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.38		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: J9(30,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32296
Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P / F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.38			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	0.38			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	0.38			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	0.38			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: K9(15,10) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32297

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Aniline	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Benzidine	mg/kg dry wt	ND	12/11/03	BGL	2.67		
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	1.15		
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	0.76		
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	0.38		
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76		
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.76		
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.76		
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38		
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: K9(15,10) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32297

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	0.19			
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76			
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	0.76			
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	0.38			
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76			
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	0.38			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	0.38			
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	0.38			
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	0.38			
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	0.19			
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.38			

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: K9(15,10) (4-8)

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LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32297
Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.38		
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38		
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	0.76		
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	0.38		
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	0.38		
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Phenol	mg/kg dry wt	ND	12/11/03	BGL	0.38		
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	0.19		
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	0.38		
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	0.38		
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38		
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	0.38		

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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GOLDMAN ENVIRONMENTAL
60 BROOKS DRIVE
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Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: K9(15,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32298

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	12/11/03	BGL	1.04		
Acenaphthylene	mg/kg dry wt	ND	12/11/03	BGL	1.04		
Acetophenone	mg/kg dry wt	ND	12/11/03	BGL	2.07		
Aniline	mg/kg dry wt	ND	12/11/03	BGL	2.07		
Anthracene	mg/kg dry wt	ND	12/11/03	BGL	1.04		
Benidine	mg/kg dry wt	ND	12/11/03	BGL	14.5		
Benzoic Acid	mg/kg dry wt	ND	12/11/03	BGL	6.22		
Benzo(a)anthracene	mg/kg dry wt	ND	12/11/03	BGL	1.04		
Benzo(a)pyrene	mg/kg dry wt	ND	12/11/03	BGL	1.04		
Benzo(b)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	1.04		
Benzo(g,h,i)perylene	mg/kg dry wt	ND	12/11/03	BGL	1.04		
Benzo(k)fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	1.04		
Benzyl Alcohol	mg/kg dry wt	ND	12/11/03	BGL	4.14		
1,1-Biphenyl	mg/kg dry wt	ND	12/11/03	BGL	2.07		
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	12/11/03	BGL	2.07		
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	12/11/03	BGL	2.07		
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	12/11/03	BGL	2.07		
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	12/11/03	BGL	2.07		
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	12/11/03	BGL	2.07		
Butylbenzylphthalate	mg/kg dry wt	ND	12/11/03	BGL	4.14		
4-Chloroaniline	mg/kg dry wt	ND	12/11/03	BGL	4.14		
4-Chloro-3-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	4.14		
2-Chloronaphthalene	mg/kg dry wt	ND	12/11/03	BGL	2.07		
2-Chlorophenol	mg/kg dry wt	ND	12/11/03	BGL	2.07		
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	12/11/03	BGL	2.07		
Chrysene	mg/kg dry wt	ND	12/11/03	BGL	1.04		
Dibenzofuran	mg/kg dry wt	ND	12/11/03	BGL	2.07		
Dibenz(a,h)anthracene	mg/kg dry wt	ND	12/11/03	BGL	1.04		
1,2-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	2.07		
1,3-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	2.07		

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determine PASS (P) or FAIL (F) condition of results.

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: K9(15,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32298

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
1,4-Dichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	2.07			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	12/11/03	BGL	1.04			
2,4-Dichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Diethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	2.07			
2,4-Dimethylphenol	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Dimethylphthalate	mg/kg dry wt	ND	12/11/03	BGL	4.14			
Di-n-butylphthalate	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Di-n-octylphthalate	mg/kg dry wt	ND	12/11/03	BGL	4.14			
1,2-Dinitrobenzene	mg/kg dry wwt	ND	12/11/03	BGL	2.07			
1,3-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	2.07			
1,4-Dinitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	2.07			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	12/11/03	BGL	2.07			
2,4-Dinitrophenol	mg/kg dry wt	ND	12/11/03	BGL	4.14			
2,4-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	2.07			
2,6-Dinitrotoluene	mg/kg dry wt	ND	12/11/03	BGL	2.07			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Fluoranthene	mg/kg dry wt	ND	12/11/03	BGL	1.04			
Fluorene	mg/kg dry wt	ND	12/11/03	BGL	1.04			
Hexachlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Hexachlorobutadiene	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Hexachloroethane	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	12/11/03	BGL	1.04			
Isophorone	mg/kg dry wt	ND	12/11/03	BGL	2.07			
o-cresol	mg/kg dry wt	ND	12/11/03	BGL	2.07			
m & p-cresol(s)	mg/kg dry wt	ND	12/11/03	BGL	2.07			
2-Methylnaphthalene	mg/kg dry wt	ND	12/11/03	BGL	1.04			
Naphthalene	mg/kg dry wt	ND	12/11/03	BGL	1.04			
2-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	2.07			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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60 BROOKS DRIVE
BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: K9(15,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32298

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
3-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	2.07			
4-Nitroaniline	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Nitrobenzene	mg/kg dry wt	ND	12/11/03	BGL	2.07			
2-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	2.07			
4-Nitrophenol	mg/kg dry wt	ND	12/11/03	BGL	4.14			
N-Nitrosodimethylamine	mg/kg dry wt	ND	12/11/03	BGL	2.07			
N-Nitrosodiphenylamine	mg/kg dry wt	ND	12/11/03	BGL	2.07			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Pentachlorophenol	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Phenanthrene	mg/kg dry wt	ND	12/11/03	BGL	1.04			
Phenol	mg/kg dry wt	ND	12/11/03	BGL	2.07			
Pyrene	mg/kg dry wt	ND	12/11/03	BGL	1.04			
Pyridine	mg/kg dry wt	ND	12/11/03	BGL	2.07			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	12/11/03	BGL	2.07			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	2.07			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	12/11/03	BGL	2.07			

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND
FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L2(15,20) (0-4)

LIM
Job

SOIL

Sample ID: 03B32243

Sampled: 12/1/2003
NOT SPECIFIED

COPPER

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL
Copper	mg/kg dry wt.	4.23	12/13/03	PM	0.52

Field Sample #: L2(15,20) (8-12)

Sample ID: 03B32244

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	66.8	12/13/03	PM	0.53		

Field Sample #: L3(20,15) (4-8)

Sample ID: 03B32245

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	233.	12/13/03	PM	0.55		

Field Sample #: L3(20,15) (8-12)

Sample ID: 03B32246

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	390.	12/13/03	PM	0.52		

Field Sample #: L4(00,30) (0-4)

Sample ID: 03B32247

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	174.	12/13/03	PM	0.54		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L4(00,30) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32248
Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	ND	12/13/03	PM	2.82		

Field Sample #: L5(05,35) (4-8)

Sample ID : 03B32249
Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	3.93	12/13/03	PM	0.56		

Field Sample #: L5(05,35) (8-12)

Sample ID : 03B32250
Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	3.55	12/13/03	PM	0.53		

Field Sample #: L5(30,15) (0-4)

Sample ID : 03B32251
Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	21.3	12/13/03	PM	0.55		

Field Sample #: L5(30,15) (8-12)

Sample ID : 03B32252
Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	2.82	12/13/03	PM	0.53		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L5(30,50) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32253

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	178.	12/13/03	PM	0.56		

Field Sample #: L5(30,50) (8-12)

Sample ID: 03B32254

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	9.24	12/13/03	PM	0.54		

Field Sample #: O2(15,10) (0-4)

Sample ID: 03B32255

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	24.0	12/13/03	PM	0.51		

Field Sample #: O2(15,10) (8-12)

Sample ID: 03B32256

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	4.50	12/13/03	PM	0.74		

Field Sample #: O3(10,10) (4-8)

Sample ID: 03B32257

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	2.94	12/13/03	PM	0.55		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: O3(10,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32258
Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	ND	12/13/03	PM	2.72		

Field Sample #: O4(10,30) (4-8)

Sample ID: 03B32259
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	4.25	12/13/03	PM	0.54		

Field Sample #: O4(10,30) (8-12)

Sample ID: 03B32260
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	3.34	12/13/03	PM	0.54		

Field Sample #: O4(20,10) (4-8)

Sample ID: 03B32261
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	3.90	12/13/03	PM	0.52		

Field Sample #: O4(20,10) (8-12)

Sample ID: 03B32262
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	4.48	12/13/03	PM	0.56		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: O5(05,25) (0-4)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32263
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	4.43	12/13/03	PM	0.53		

Field Sample #: O5(05,25) (8-12)

Sample ID: 03B32264
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	3.07	12/13/03	PM	0.53		

Field Sample #: O5(30,25) (4-8)

Sample ID: 03B32265
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	2.61	12/13/03	PM	0.52		

Field Sample #: O5(30,25) (8-12)

Sample ID: 03B32266
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	ND	12/13/03	PM	2.75		

Field Sample #: Q2(15,05) (0-4)

Sample ID: 03B32267
Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	3.25	12/13/03	PM	0.52		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: Q2(15,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32268

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	3.12	12/13/03	PM	0.57		

Field Sample #: Q3(20,10) (4-8)

Sample ID: 03B32269

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	2.76	12/13/03	PM	0.53		

Field Sample #: Q3(20,10) (8-12)

Sample ID: 03B32270

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	ND	12/13/03	PM	3.14		

Field Sample #: Q4(20,10) (0-4)

Sample ID: 03B32271

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	5.46	12/13/03	PM	0.52		

Field Sample #: Q4(20,10) (4-8)

Sample ID: 03B32275

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	5.92	12/13/03	PM	0.65		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample # : Q4(20,10) (8-12)

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

Sample ID : 03B32272

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	3.78	12/13/03	PM	0.58		

Field Sample # : Q5(30,05) (4-8)

Sample ID : 03B32273

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	4.37	12/13/03	PM	0.53		

Field Sample # : Q5(30,05) (8-12)

Sample ID : 03B32274

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Copper	mg/kg dry wt.	3.20	12/13/03	PM	0.53		

Analytical Method:

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L2(15,20) (0-4)

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

Sample ID: 03B32243

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.18		
Barium	mg/kg dry wt.	24.0	12/13/03	PM	0.10		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26		
Chromium (total)	mg/kg dry wt.	3.41	12/13/03	PM	0.36		
Lead	mg/kg dry wt.	4.08	12/13/03	PM	2.59		
Mercury	mg/kg dry wt.	0.028	12/11/03	KRL	0.003		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.18		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.04		

SOIL

RCRA-8 metals

Field Sample #: L2(15,20) (8-12)

Sample ID: 03B32244

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.32		
Barium	mg/kg dry wt.	2.84	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.27		
Chromium	mg/kg dry wt.	58.1	12/13/03	PM	0.37		
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.66		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.008		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.32		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.06		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: L3(20,15) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32245

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.46		
Barium	mg/kg dry wt.	9.62	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.27		
Chromium	mg/kg dry wt.	254.	12/13/03	PM	0.38		
Lead	mg/kg dry wt.	5.74	12/13/03	PM	2.73		
Mercury	mg/kg dry wt.	0.007	12/11/03	KRL	0.005		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.46		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.09		

Field Sample #: L3(20,15) (8-12)

Sample ID : 03B32246

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.18		
Barium	mg/kg dry wt.	4.76	12/13/03	PM	0.10		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26		
Chromium	mg/kg dry wt.	142.	12/13/03	PM	0.36		
Lead	mg/kg dry wt.	4.40	12/13/03	PM	2.59		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.18		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.04		

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L4(00,30) (0-4)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32247

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.38		
Barium	mg/kg dry wt.	53.4	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	0.46	12/13/03	PM	0.05		
Chromium	mg/kg dry wt.	20.9	12/13/03	PM	0.38		
Lead	mg/kg dry wt.	32.1	12/13/03	PM	2.69		
Mercury	mg/kg dry wt.	0.029	12/11/03	KRL	0.005		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.38		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.08		

Field Sample #: L4(00,30) (8-12)

Sample ID : 03B32248

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.63		
Barium	mg/kg dry wt.	2.61	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.28		
Chromium	mg/kg dry wt.	3.06	12/13/03	PM	0.39		
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.82		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.63		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.13		

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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R KRANES

GOLDMAN ENVIRONMENTAL

60 BROOKS DRIVE

BRAINTREE, MA 02184

Purchase Order No.:

Project Location: JANEKO

Date Received: 12/8/2003

Field Sample #: L5(05,35) (4-8)

Sample ID: 03B32249

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

12/18/2003

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LIMS-BAT #: LIMS-75705

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.62		
Barium	mg/kg dry wt.	10.2	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.28		
Chromium	mg/kg dry wt.	4.30	12/13/03	PM	0.39		
Lead	mg/kg dry wt.	4.25	12/13/03	PM	2.81		
Mercury	mg/kg dry wt.	0.011	12/11/03	KRL	0.006		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.62		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.12		

Field Sample #: L5(05,35) (8-12)

Sample ID: 03B32250

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.27		
Barium	mg/kg dry wt.	6.21	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26		
Chromium	mg/kg dry wt.	3.03	12/13/03	PM	0.37		
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.64		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.005		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.27		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.05		

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



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60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L5(30,15) (0-4)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32251

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.46		
Barium	mg/kg dry wt.	1.87	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.27		
Chromium	mg/kg dry wt.	3.13	12/13/03	PM	0.38		
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.73		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.46		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.09		

Field Sample #: L5(30,15) (8-12)

Sample ID : 03B32252

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.26		
Barium	mg/kg dry wt.	11.3	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26		
Chromium	mg/kg dry wt.	5.74	12/13/03	PM	0.37		
Lead	mg/kg dry wt.	3.89	12/13/03	PM	2.63		
Mercury	mg/kg dry wt.	0.012	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.26		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.05		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: L5(30,50) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32253

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.58		
Barium	mg/kg dry wt.	9.05	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	0.28	12/13/03	PM	0.06		
Chromium	mg/kg dry wt.	186.	12/13/03	PM	0.39		
Lead	mg/kg dry wt.	57.8	12/13/03	PM	2.79		
Mercury	mg/kg dry wt.	0.020	12/11/03	KRL	0.005		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.58		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.12		

Field Sample #: L5(30,50) (8-12)

Sample ID : 03B32254

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.44		
Barium	mg/kg dry wt.	2.38	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	0.27	12/13/03	PM	0.05		
Chromium	mg/kg dry wt.	8.74	12/13/03	PM	0.38		
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.72		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.003		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.44		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.09		

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60 BROOKS DRIVE
BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: O2(15,10) (0-4)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32255

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.15		
Barium	mg/kg dry wt.	7.68	12/13/03	PM	0.10		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26		
Chromium	mg/kg dry wt.	13.5	12/13/03	PM	0.36		
Lead	mg/kg dry wt.	4.27	12/13/03	PM	2.57		
Mercury	mg/kg dry wt.	0.009	12/11/03	KRL	0.005		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.15		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.03		

Field Sample #: O2(15,10) (8-12)

Sample ID: 03B32256

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	7.39		
Barium	mg/kg dry wt.	5.44	12/13/03	PM	0.15		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.37		
Chromium	mg/kg dry wt.	4.90	12/13/03	PM	0.52		
Lead	mg/kg dry wt.	ND	12/13/03	PM	3.70		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.007		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	7.39		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.48		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: O3(10,10) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32257

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.50		
Barium	mg/kg dry wt.	12.7	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.27		
Chromium	mg/kg dry wt.	5.81	12/13/03	PM	0.38		
Lead	mg/kg dry wt.	5.19	12/13/03	PM	2.75		
Mercury	mg/kg dry wt.	0.010	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.50		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.10		

Field Sample #: O3(10,10) (8-12)

Sample ID : 03B32258

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.44		
Barium	mg/kg dry wt.	2.33	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.27		
Chromium	mg/kg dry wt.	2.33	12/13/03	PM	0.38		
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.72		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.005		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.44		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.09		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: O4(10,30) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32259

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.38		
Barium	mg/kg dry wt.	10.9	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.27		
Chromium	mg/kg dry wt.	5.16	12/13/03	PM	0.38		
Lead	mg/kg dry wt.	6.88	12/13/03	PM	2.69		
Mercury	mg/kg dry wt.	0.012	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.38		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.08		

Field Sample #: O4(10,30) (8-12)

Sample ID : 03B32260

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.36		
Barium	mg/kg dry wt.	6.54	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.27		
Chromium	mg/kg dry wt.	3.73	12/13/03	PM	0.38		
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.68		
Mercury	mg/kg dry wt.	0.008	12/11/03	KRL	0.005		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.36		
Silver	mg/kg dry wt.	ND	12/13/03	PM	1.07		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: O4(20,10) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32261

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.18		
Barium	mg/kg dry wt.	3.64	12/13/03	PM	0.10		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26		
Chromium	mg/kg dry wt.	2.12	12/13/03	PM	0.36		
Lead	mg/kg dry wt.	3.38	12/13/03	PM	2.59		
Mercury	mg/kg dry wt.	0.004	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.18		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.04		

Field Sample #: O4(20,10) (8-12)

Sample ID : 03B32262

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.58		
Barium	mg/kg dry wt.	14.1	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.28		
Chromium	mg/kg dry wt.	5.03	12/13/03	PM	0.39		
Lead	mg/kg dry wt.	4.12	12/13/03	PM	2.79		
Mercury	mg/kg dry wt.	0.010	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.58		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.12		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: 05(05,25) (0-4)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32263

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.33		
Barium	mg/kg dry wt.	8.46	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.27		
Chromium	mg/kg dry wt.	4.46	12/13/03	PM	0.37		
Lead	mg/kg dry wt.	4.81	12/13/03	PM	2.67		
Mercury	mg/kg dry wt.	0.006	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.33		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.07		

Field Sample #: 05(05,25) (8-12)

Sample ID : 03B32264

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.29		
Barium	mg/kg dry wt.	2.62	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26		
Chromium	mg/kg dry wt.	2.27	12/13/03	PM	0.37		
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.65		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.29		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.06		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: 05(30,25) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32265

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.19		
Barium	mg/kg dry wt.	5.18	12/13/03	PM	0.10		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26		
Chromium	mg/kg dry wt.	3.43	12/13/03	PM	0.36		
Lead	mg/kg dry wt.	4.30	12/13/03	PM	2.60		
Mercury	mg/kg dry wt.	0.008	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.19		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.04		

Field Sample #: 05(30,25) (8-12)

Sample ID : 03B32266

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.49		
Barium	mg/kg dry wt.	2.81	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.27		
Chromium	mg/kg dry wt.	2.03	12/13/03	PM	0.38		
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.75		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.49		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.10		

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Purchase Order No.:

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: Q2(15,05) (0-4)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32267

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.18		
Barium	mg/kg dry wt.	7.30	12/13/03	PM	0.10		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26		
Chromium	mg/kg dry wt.	3.46	12/13/03	PM	0.36		
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.59		
Mercury	mg/kg dry wt.	0.004	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.18		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.04		

Field Sample #: Q2(15,05) (8-12)

Sample ID: 03B32268

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.73		
Barium	mg/kg dry wt.	2.20	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.29		
Chromium	mg/kg dry wt.	1.77	12/13/03	PM	0.40		
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.87		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.006		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.73		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.15		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: Q3(20,10) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32269

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.26		
Barium	mg/kg dry wt.	7.00	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26		
Chromium	mg/kg dry wt.	4.20	12/13/03	PM	0.37		
Lead	mg/kg dry wt.	3.37	12/13/03	PM	2.63		
Mercury	mg/kg dry wt.	0.007	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.26		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.05		

Field Sample #: Q3(20,10) (8-12)

Sample ID: 03B32270

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	6.28		
Barium	mg/kg dry wt.	3.19	12/13/03	PM	0.13		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.31		
Chromium	mg/kg dry wt.	2.28	12/13/03	PM	0.44		
Lead	mg/kg dry wt.	3.62	12/13/03	PM	3.14		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	6.28		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.26		

RL = Reporting Limit

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NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: Q4(20,10) (0-4)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32271

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.19		
Barium	mg/kg dry wt.	10.9	12/13/03	PM	0.10		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26		
Chromium	mg/kg dry wt.	4.37	12/13/03	PM	0.36		
Lead	mg/kg dry wt.	4.17	12/13/03	PM	2.59		
Mercury	mg/kg dry wt.	0.005	12/11/03	KRL	0.004		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.19		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.04		

Field Sample #: Q4(20,10) (4-8)

Sample ID : 03B32275

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P / F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	6.51		
Barium	mg/kg dry wt.	10.9	12/13/03	PM	0.13		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.33		
Chromium	mg/kg dry wt.	3.74	12/13/03	PM	0.46		
Lead	mg/kg dry wt.	17.1	12/13/03	PM	3.25		
Mercury	mg/kg dry wt.	0.025	12/11/03	KRL	0.007		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	6.51		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.30		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: Q4(20,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32272

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	8.27	12/13/03	PM	5.79		
Barium	mg/kg dry wt.	8.04	12/13/03	PM	0.12		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.29		
Chromium	mg/kg dry wt.	5.13	12/13/03	PM	0.41		
Lead	mg/kg dry wt.	2.97	12/13/03	PM	2.90		
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.005		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.79		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.16		

Field Sample #: Q5(30,05) (4-8)

Sample ID: 03B32273

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.34		
Barium	mg/kg dry wt.	8.29	12/13/03	PM	0.11		
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.27		
Chromium	mg/kg dry wt.	4.45	12/13/03	PM	0.37		
Lead	mg/kg dry wt.	4.67	12/13/03	PM	2.67		
Mercury	mg/kg dry wt.	0.010	12/11/03	KRL	0.005		
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.34		
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.07		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: Q5(30,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32274

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt.	ND	12/13/03	PM	5.28			
Barium	mg/kg dry wt.	2.05	12/13/03	PM	0.11			
Cadmium	mg/kg dry wt.	ND	12/13/03	PM	0.26			
Chromium	mg/kg dry wt.	2.71	12/13/03	PM	0.37			
Lead	mg/kg dry wt.	ND	12/13/03	PM	2.64			
Mercury	mg/kg dry wt.	ND	12/11/03	KRL	0.003			
Selenium	mg/kg dry wt.	ND	12/13/03	PM	5.28			
Silver	mg/kg dry wt.	ND	12/15/03	PM	1.06			

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Project Location: JANECO
Date Received: 12/8/2003

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Analytical Method: Arsenic

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Barium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Cadmium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Chromium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Lead

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Mercury

SW846 3050/7471

SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY
COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Analytical Method: Selenium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Silver

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

RL = Reporting Limit

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L2(15,20) (0-4)

LIMS-BAT #: LIMS-75705
Job Num

SOIL

Sample ID: 03B32243

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

NICKEL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	
Nickel	mg/kg dry wt.	2.43	12/13/03	PM	0.26		
Field Sample # : L2(15,20) (8-12)							
Sample ID :	03B32244	Sampled : 12/1/2003 NOT SPECIFIED					
Sample Matrix:	SOIL						
	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	10.9	12/13/03	PM	0.27		
Field Sample # : L3(20,15) (4-8)							
Sample ID :	03B32245	Sampled : 12/2/2003 NOT SPECIFIED					
Sample Matrix:	SOIL						
	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	17.4	12/13/03	PM	0.27		
Field Sample # : L3(20,15) (8-12)							
Sample ID :	03B32246	Sampled : 12/2/2003 NOT SPECIFIED					
Sample Matrix:	SOIL						
	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	98.2	12/13/03	PM	0.26		
Field Sample # : L4(00,30) (0-4)							
Sample ID :	03B32247	Sampled : 12/2/2003 NOT SPECIFIED					
Sample Matrix:	SOIL						
	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	26.1	12/13/03	PM	0.27		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L4(00,30) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32248

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	53.1	12/13/03	PM	0.28		

Field Sample #: L5(05,35) (4-8)

Sample ID: 03B32249

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	136.	12/13/03	PM	0.28		

Field Sample #: L5(05,35) (8-12)

Sample ID: 03B32250

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	57.2	12/13/03	PM	0.26		

Field Sample #: L5(30,15) (0-4)

Sample ID: 03B32251

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	9.63	12/13/03	PM	0.27		

Field Sample #: L5(30,15) (8-12)

Sample ID: 03B32252

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	4.40	12/13/03	PM	0.26		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L5(30,50) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32253

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	2040.	12/13/03	PM	0.28		

Field Sample #: L5(30,50) (8-12)

Sample ID: 03B32254

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	30.2	12/13/03	PM	0.27		

Field Sample #: O2(15,10) (0-4)

Sample ID: 03B32255

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	5.51	12/13/03	PM	0.26		

Field Sample #: O2(15,10) (8-12)

Sample ID: 03B32256

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	2.43	12/13/03	PM	0.37		

Field Sample #: O3(10,10) (4-8)

Sample ID: 03B32257

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	2.56	12/13/03	PM	0.27		

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: 03(10,10) (8-12)
Sample ID: 03B32258

Purchase Order No.:

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	0.96	12/13/03	PM	0.27		

Field Sample #: 04(10,30) (4-8)

Sample ID: 03B32259

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	3.00	12/13/03	PM	0.27		

Field Sample #: 04(10,30) (8-12)

Sample ID: 03B32260

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	2.93	12/13/03	PM	0.27		

Field Sample #: 04(20,10) (4-8)

Sample ID: 03B32261

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	1.37	12/13/03	PM	0.26		

Field Sample #: 04(20,10) (8-12)

Sample ID: 03B32262

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	3.91	12/13/03	PM	0.28		

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Purchase Order No.:

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Project Location: JANEKO

Date Received: 12/8/2003

Field Sample #: 05(05,25) (0-4)

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

Sample ID: 03B32263

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	46.9	12/13/03	PM	0.27		

Field Sample #: 05(05,25) (8-12)

Sample ID: 03B32264

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	1.14	12/13/03	PM	0.26		

Field Sample #: 05(30,25) (4-8)

Sample ID: 03B32265

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	1.46	12/13/03	PM	0.26		

Field Sample #: 05(30,25) (8-12)

Sample ID: 03B32266

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	1.28	12/13/03	PM	0.27		

Field Sample #: Q2(15,05) (0-4)

Sample ID: 03B32267

Sampled: 12/1/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	1.74	12/13/03	PM	0.26		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: Q2(15,05) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32268

Sampled : 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	1.00	12/13/03	PM	0.29		

Field Sample #: Q3(20,10) (4-8)

Sample ID : 03B32269

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	2.43	12/13/03	PM	0.26		

Field Sample #: Q3(20,10) (8-12)

Sample ID : 03B32270

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	1.22	12/13/03	PM	0.31		

Field Sample #: Q4(20,10) (0-4)

Sample ID : 03B32271

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	2.52	12/13/03	PM	0.26		

Field Sample #: Q4(20,10) (4-8)

Sample ID : 03B32275

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	1.75	12/13/03	PM	0.33		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: Q4(20,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32272 Sampled: 12/2/2003
NOT SPECIFIED
Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	2.50	12/13/03	PM	0.29		

Field Sample #: Q5(30,05) (4-8)

Sample ID: 03B32273 Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	2.32	12/13/03	PM	0.27		

Field Sample #: Q5(30,05) (8-12)

Sample ID: 03B32274 Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Nickel	mg/kg dry wt.	1.10	12/13/03	PM	0.26		

Analytical Method:
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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BRAINTREE, MA 02184

Purchase Order No.:

12/18/2003

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: G6(15,35) (4-8)

LIMS-BAT #: LIMS-75705

Job

Sample ID: 03B32276

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

SOIL
Solids

	Units	Results	Date Analyzed	Analyst	RL
--	-------	---------	---------------	---------	----

Solids, total	%	91.9	12/12/03	KFD	
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Field Sample #: G6(15,35) (8-12)

Sample ID: 03B32277

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
--	-------	---------	---------------	---------	----	---------------	----	------

Solids, total	%	92.0	12/12/03	KFD				
---------------	---	------	----------	-----	--	--	--	--

Field Sample #: G8(20,15) (8-12)

Sample ID: 03B32278

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
--	-------	---------	---------------	---------	----	---------------	----	------

Solids, total	%	95.7	12/12/03	KFD				
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Field Sample #: G9(05,35) (4-8)

Sample ID: 03B32279

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
--	-------	---------	---------------	---------	----	---------------	----	------

Solids, total	%	87.3	12/12/03	KFD				
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Field Sample #: G9(05,35) (8-12)

Sample ID: 03B32280

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
--	-------	---------	---------------	---------	----	---------------	----	------

Solids, total	%	91.7	12/12/03	KFD				
---------------	---	------	----------	-----	--	--	--	--

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H6(15,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32281

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	93.9	12/12/03	KFD			

Field Sample #: H8(20,15) (4-8)

Sample ID : 03B32282

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.5	12/12/03	KFD			

Field Sample #: H8(20,15) (8-12)

Sample ID : 03B32283

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	93.1	12/12/03	KFD			

Field Sample #: H9(05,10) (8-12)

Sample ID : 03B32284

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.9	12/12/03	KFD			

Field Sample #: H9(05,40) (4-8)

Sample ID : 03B32285

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	90.0	12/12/03	KFD			

RL = Reporting Limit

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(05,40) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32286

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.7	12/12/03	KFD			

Field Sample #: H9(15,05) (8-12)

Sample ID : 03B32287

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	92.1	12/12/03	KFD			

Field Sample #: H9(15,40) (4-8)

Sample ID : 03B32288

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	92.3	12/12/03	KFD			

Field Sample #: H9(15,40) (8-12)

Sample ID : 03B32289

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.5	12/12/03	KFD			

Field Sample #: H9(30,20) (8-12)

Sample ID : 03B32290

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	94.3	12/12/03	KFD			

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: H9(30,40) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32291

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	93.6	12/12/03	KFD			

Field Sample #: H9(30,40) (8-12)

Sample ID : 03B32292

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	92.4	12/12/03	KFD			

Field Sample #: J9(05,10) (8-12)

Sample ID : 03B32293

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	92.3	12/12/03	KFD			

Field Sample #: J9(15,05) (4-8)

Sample ID : 03B32294

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	92.6	12/12/03	KFD			

Field Sample #: J9(15,05) (8-12)

Sample ID : 03B32295

Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.0	12/12/03	KFD			

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: J9(30,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32296
Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.3	12/12/03	KFD			

Field Sample #: K9(15,10) (4-8)

Sample ID: 03B32297
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.3	12/12/03	KFD			

Field Sample #: K9(15,10) (8-12)

Sample ID: 03B32298
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	80.4	12/12/03	KFD			

Field Sample #: L2(15,20) (0-4)

Sample ID: 03B32243
Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	96.5	12/11/03	LL			

Field Sample #: L2(15,20) (8-12)

Sample ID: 03B32244
Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	94.0	12/11/03	LL			

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L3(20,15) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32245

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.6	12/11/03	LL			

Field Sample #: L3(20,15) (8-12)

Sample ID : 03B32246

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	96.6	12/11/03	LL			

Field Sample #: L4(00,30) (0-4)

Sample ID : 03B32247

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	93.0	12/11/03	LL			

Field Sample #: L4(00,30) (8-12)

Sample ID : 03B32248

Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.8	12/11/03	LL			

Field Sample #: L5(05,35) (4-8)

Sample ID : 03B32249

Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.0	12/11/03	LL			

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L5(05,35) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32250

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	94.9	12/11/03	LL			

Field Sample #: L5(30,15) (0-4)

Sample ID: 03B32251

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.6	12/11/03	LL			

Field Sample #: L5(30,15) (8-12)

Sample ID: 03B32252

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	95.0	12/11/03	LL			

Field Sample #: L5(30,50) (4-8)

Sample ID: 03B32253

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.7	12/11/03	LL			

Field Sample #: L5(30,50) (8-12)

Sample ID: 03B32254

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.8	12/11/03	LL			

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: O2(15,10) (0-4)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32255
Sampled : 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	97.1	12/11/03	LL			

Field Sample #: O2(15,10) (8-12)

Sample ID : 03B32256
Sampled : 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	67.6	12/11/03	LL			

Field Sample #: O3(10,10) (4-8)

Sample ID : 03B32257
Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.0	12/11/03	LL			

Field Sample #: O3(10,10) (8-12)

Sample ID : 03B32258
Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.9	12/11/03	LL			

Field Sample #: O4(10,30) (4-8)

Sample ID : 03B32259
Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	92.9	12/11/03	LL			

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: O4(10,30) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32260
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	93.2	12/11/03	LL			

Field Sample #: O4(20,10) (4-8)

Sample ID: 03B32261
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	96.6	12/11/03	LL			

Field Sample #: O4(20,10) (8-12)

Sample ID: 03B32262
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.6	12/11/03	LL			

Field Sample #: O5(05,25) (0-4)

Sample ID: 03B32263
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	93.8	12/11/03	LL			

Field Sample #: O5(05,25) (8-12)

Sample ID: 03B32264
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	94.5	12/11/03	LL			

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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: 05(30,25) (4-8)
Sample ID: 03B32265

Purchase Order No.:

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	96.3	12/11/03	LL			

Field Sample #: 05(30,25) (8-12)

Sample ID: 03B32266

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.0	12/11/03	LL			

Field Sample #: Q2(15,05) (0-4)

Sample ID: 03B32267

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	96.6	12/11/03	LL			

Field Sample #: Q2(15,05) (8-12)

Sample ID: 03B32268

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.2	12/11/03	LL			

Field Sample #: Q3(20,10) (4-8)

Sample ID: 03B32269

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	95.0	12/11/03	LL			

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: Q3(20,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32270
Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	79.7	12/11/03	LL			

Field Sample #: Q4(20,10) (0-4)

Sample ID: 03B32271
Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	96.4	12/11/03	LL			

Field Sample #: Q4(20,10) (4-8)

Sample ID: 03B32275
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	76.8	12/11/03	LL			

Field Sample #: Q4(20,10) (8-12)

Sample ID: 03B32272
Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.3	12/11/03	LL			

Field Sample #: Q5(30,05) (4-8)

Sample ID: 03B32273
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	93.6	12/11/03	LL			

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Purchase Order No.:

12/18/2003

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Project Location: JANECO

Date Received: 12/8/2003

Field Sample #: Q5(30,05) (8-12)

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

Sample ID: 03B32274

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	94.8	12/11/03	LL			

Analytical Method:

SM 2540G

PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES
CENTIGRADE.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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BRAINTREE, MA 02184

Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L2(15,20) (0-4)

Sample ID: 03B32243

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

LIMS-
Job N:

SOIL
HEXIVALENT CHROM
TRIVALENT CHROM

Units	Results	Date Analyzed	Analyst	RL	SI	Lc	...
SPECIAL TEST		12/16/03	KFD				

HEXAVALANT CHROMIUM = <1.0 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 3.4 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALANT CHROMIUM
= 3.4 MG/KG DRY WT.

Field Sample #: L2(15,20) (8-12)

Sample ID: 03B32244

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit	P/ F
					Lo Hi	
SPECIAL TEST		12/16/03	KFD			

HEXAVALANT CHROMIUM = <0.2 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 58.1 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALANT CHROMIUM
= 58.1 MG/KG DRY WT.

Field Sample #: L3(20,15) (4-8)

Sample ID: 03B32245

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit	P/ F
					Lo Hi	
SPECIAL TEST		12/16/03	KFD			

HEXAVALANT CHROMIUM = 16.4 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 254 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALANT CHROMIUM
= 238 MG/KG DRY WT.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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Project Location: JANECO

Date Received: 12/8/2003

Field Sample #: L3(20,15) (8-12)

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

Sample ID: 03B32246

Sampled: 12/2/2003

NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST		12/16/03	KFD			

HEXAVALENT CHROMIUM = 5.0 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 142 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 137 MG/KG DRY WT.

Field Sample #: L4(00,30) (0-4)

Sample ID: 03B32247

Sampled: 12/2/2003

NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST		12/16/03	KFD			

HEXAVALENT CHROMIUM = <1.0 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 20.9 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 20.9 MG/KG DRY WT.

Field Sample #: L4(00,30) (8-12)

Sample ID: 03B32248

Sampled: 12/2/2003

NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST		12/16/03	KFD			

HEXAVALENT CHROMIUM = <0.4 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 3.1 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 3.1 MG/KG DRY WT.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L5(05,35) (4-8)

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

Sample ID: 03B32249

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST

12/16/03 KFD

HEXAVALENT CHROMIUM = <2.2 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 4.3 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 4.3 MG/KG DRY WT.

Field Sample #: L5(05,35) (8-12)

Sample ID: 03B32250

Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST

12/16/03 KFD

HEXAVALENT CHROMIUM = <0.4 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 3.0 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 3.0 MG/KG DRY WT.

Field Sample #: L5(30,15) (0-4)

Sample ID: 03B32251

Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST

12/16/03 KFD

HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 3.1 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 3.1 MG/KG DRY WT.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: L5(30,15) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32252
Sampled: 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/16/03 KFD						

HEXAVALENT CHROMIUM = <1.9 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 5.7 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 5.7 MG/KG DRY WT.

Field Sample #: L5(30,50) (4-8)

Sample ID: 03B32253
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/16/03 KFD						

HEXAVALENT CHROMIUM = <2.1 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 186 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 186 MG/KG DRY WT.

Field Sample #: L5(30,50) (8-12)

Sample ID: 03B32254
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/16/03 KFD						

HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 8.7 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 8.7 MG/KG DRY WT.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: O2(15,10) (0-4)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32255
Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST 12/16/03 KFD

HEXAVALENT CHROMIUM = <0.9 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 13.5 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 13.5 MG/KG DRY WT.

Field Sample #: O2(15,10) (8-12)

Sample ID: 03B32256
Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST 12/16/03 KFD

HEXAVALENT CHROMIUM = <0.3 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 4.9 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 4.9 MG/KG DRY WT.

Field Sample #: O3(10,10) (4-8)

Sample ID: 03B32257
Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST 12/16/03 KFD

HEXAVALENT CHROMIUM = <2.0 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 5.8 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 5.8 MG/KG DRY WT.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: O3(10,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32258
Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST

12/16/03 KFD

HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 2.3 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 2.3 MG/KG DRY WT.

Field Sample #: O4(10,30) (4-8)

Sample ID: 03B32259
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST

12/16/03 KFD

HEXAVALENT CHROMIUM = <5.0 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 5.2 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 5.2 MG/KG DRY WT.

Field Sample #: O4(10,30) (8-12)

Sample ID: 03B32260
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST

12/16/03 KFD

HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 3.7 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 3.7 MG/KG DRY WT.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: O4(20,10) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32261
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST 12/16/03 KFD

HEXAVALENT CHROMIUM = <5 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 2.1 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 2.1 MG/KG DRY WT.

Field Sample #: O4(20,10) (8-12)

Sample ID: 03B32262
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST 12/16/03 KFD

HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 5.0 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 5.0 MG/KG DRY WT.

Field Sample #: O5(05,25) (0-4)

Sample ID: 03B32263
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST 12/16/03 KFD

HEXAVALENT CHROMIUM = <1.0 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 4.5 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 4.5 MG/KG DRY WT.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: 05(05,25) (8-12)

Purchase Order No.:

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32264
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/16/03 KFD						

HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 2.3 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 2.3 MG/KG DRY WT.

Field Sample #: 05(30,25) (4-8)

Sample ID: 03B32265
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/16/03 KFD						

HEXAVALENT CHROMIUM = <1.0 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 3.4 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 3.4 MG/KG DRY WT.

Field Sample #: 05(30,25) (8-12)

Sample ID: 03B32266
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/16/03 KFD						

HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 2.0 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 2.0 MG/KG DRY WT.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.



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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: Q2(15,05) (0-4)

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

Sample ID: 03B32267

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST		12/16/03	KFD			

HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 3.5 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 3.5 MG/KG DRY WT.

Field Sample #: Q2(15,05) (8-12)

Sample ID: 03B32268

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST		12/16/03	KFD			

HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 1.8 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 1.8 MG/KG DRY WT.

Field Sample #: Q3(20,10) (4-8)

Sample ID: 03B32269

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST		12/16/03	KFD			

HEXAVALENT CHROMIUM = <1.0 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 4.2 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 4.2 MG/KG DRY WT.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample # : Q3(20,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32270
Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST

12/16/03 KFD

HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 2.3 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALANT CHROMIUM
= 2.3 MG/KG DRY WT.

Field Sample # : Q4(20,10) (0-4)

Sample ID : 03B32271
Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST

12/16/03 KFD

HEXAVALENT CHROMIUM = <0.4 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 4.4 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALANT CHROMIUM
= 4.4 MG/KG DRY WT.

Field Sample # : Q4(20,10) (4-8)

Sample ID : 03B32275
Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
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SPECIAL TEST

12/16/03 KFD

HEXAVALENT CHROMIUM = <10 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)

TOTAL CHROMIUM = 3.7 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALANT CHROMIUM
= 3.7 MG/KG DRY WT.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.



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Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: Q4(20,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32272
Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/16/03 KFD						
HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT						

TOTAL CHROMIUM = 5.1 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 5.1 MG/KG DRY WT.

Field Sample #: Q5(30,05) (4-8)

Sample ID: 03B32273
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/16/03 KFD						
HEXAVALENT CHROMIUM = <1.0 MG/KG DRY WEIGHT (DILUTION DUE TO COLOR OF DIGESTATE)						

TOTAL CHROMIUM = 4.5 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 4.5 MG/KG DRY WT.

Field Sample #: Q5(30,05) (8-12)

Sample ID: 03B32274
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
SPECIAL TEST						
12/16/03 KFD						

HEXAVALENT CHROMIUM = <0.2 MG/KG DRY WEIGHT

TOTAL CHROMIUM = 2.7 MG/KG DRY WEIGHT

TRIVALENT CHROMIUM = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
= 2.7 MG/KG DRY WT.

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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BRAINTREE, MA 02184

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L2(15,20) (0-4)

LII
Jo

SOIL

ZINC

Sample ID: 03B32243

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL
Zinc	mg/kg dry wt.	7.57	12/13/03	PM	0.52

Field Sample #: L2(15,20) (8-12)

Sample ID: 03B32244

Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	12.3	12/13/03	PM	0.53		

Field Sample #: L3(20,15) (4-8)

Sample ID: 03B32245

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	7.86	12/13/03	PM	0.55		

Field Sample #: L3(20,15) (8-12)

Sample ID: 03B32246

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	57.5	12/13/03	PM	0.52		

Field Sample #: L4(00,30) (0-4)

Sample ID: 03B32247

Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	198.	12/13/03	PM	0.54		

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Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: L4(00,30) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID : 03B32248
Sampled : 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	4.47	12/13/03	PM	0.56		

Field Sample #: L5(05,35) (4-8)

Sample ID : 03B32249
Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	28.0	12/13/03	PM	0.56		

Field Sample #: L5(05,35) (8-12)

Sample ID : 03B32250
Sampled : 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	6.07	12/13/03	PM	0.53		

Field Sample #: L5(30,15) (0-4)

Sample ID : 03B32251
Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	3.52	12/13/03	PM	0.55		

Field Sample #: L5(30,15) (8-12)

Sample ID : 03B32252
Sampled : 12/4/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	6.84	12/13/03	PM	0.53		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: L5(30,50) (4-8)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32253
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	45.1	12/13/03	PM	0.56		

Field Sample #: L5(30,50) (8-12)

Sample ID: 03B32254
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	5.03	12/13/03	PM	0.54		

Field Sample #: O2(15,10) (0-4)

Sample ID: 03B32255
Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	8.57	12/13/03	PM	0.51		

Field Sample #: O2(15,10) (8-12)

Sample ID: 03B32256
Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	4.29	12/13/03	PM	0.74		

Field Sample #: O3(10,10) (4-8)

Sample ID: 03B32257
Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	7.24	12/13/03	PM	0.55		

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Project Location: JANEKO

Date Received: 12/8/2003

Field Sample #: O3(10,10) (8-12)

Sample ID: 03B32258

Sampled: 12/2/2003

NOT SPECIFIED

Sample Matrix: SOIL

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	2.29	12/13/03	PM	0.54		

Field Sample #: O4(10,30) (4-8)

Sample ID: 03B32259

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	10.2	12/13/03	PM	0.54		

Field Sample #: O4(10,30) (8-12)

Sample ID: 03B32260

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	3.69	12/13/03	PM	0.54		

Field Sample #: O4(20,10) (4-8)

Sample ID: 03B32261

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	4.97	12/13/03	PM	0.52		

Field Sample #: O4(20,10) (8-12)

Sample ID: 03B32262

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	7.19	12/13/03	PM	0.56		

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Purchase Order No.:

Project Location: JANEKO
Date Received: 12/8/2003
Field Sample #: O5(05,25) (0-4)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32263
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	8.66	12/13/03	PM	0.53		

Field Sample #: O5(05,25) (8-12)

Sample ID: 03B32264
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	3.32	12/13/03	PM	0.53		

Field Sample #: O5(30,25) (4-8)

Sample ID: 03B32265
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	4.81	12/13/03	PM	0.52		

Field Sample #: O5(30,25) (8-12)

Sample ID: 03B32266
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	2.92	12/13/03	PM	0.55		

Field Sample #: Q2(15,05) (0-4)

Sample ID: 03B32267
Sampled: 12/1/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	5.17	12/13/03	PM	0.52		

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Project Location: JANECO

Date Received: 12/8/2003

Field Sample #: Q2(15,05) (8-12)

Sample ID: 03B32268

Sampled: 12/1/2003

NOT SPECIFIED

Sample Matrix: SOIL

LIMS-BAT #: LIMS-75705

Job Number: 444-408H

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	5.35	12/13/03	PM	0.57		

Field Sample #: Q3(20,10) (4-8)

Sample ID: 03B32269

Sampled: 12/2/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	7.11	12/13/03	PM	0.53		

Field Sample #: Q3(20,10) (8-12)

Sample ID: 03B32270

Sampled: 12/2/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	2.94	12/13/03	PM	0.63		

Field Sample #: Q4(20,10) (0-4)

Sample ID: 03B32271

Sampled: 12/2/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	8.80	12/13/03	PM	0.52		

Field Sample #: Q4(20,10) (4-8)

Sample ID: 03B32275

Sampled: 12/3/2003

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Zinc	mg/kg dry wt.	11.4	12/13/03	PM	0.65		

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Purchase Order No.:

Project Location: JANECO
Date Received: 12/8/2003
Field Sample #: Q4(20,10) (8-12)

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: 03B32272
Sampled: 12/2/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Zinc	mg/kg dry wt.	3.93	12/13/03	PM	0.58			

Field Sample #: Q5(30,05) (4-8)

Sample ID: 03B32273
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Zinc	mg/kg dry wt.	6.92	12/13/03	PM	0.53			

Field Sample #: Q5(30,05) (8-12)

Sample ID: 03B32274
Sampled: 12/3/2003
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Zinc	mg/kg dry wt.	2.50	12/13/03	PM	0.53			

Analytical Method:

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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Purchase Order No.:

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Project Location: JANECO
Date Received: 12/8/2003

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

The following notes were attached to the reported analysis :

Sample ID: * 03B32299
Analysis: 8260 dry weight

ELEVATED DETECTION LIMITS FOR ALL VOLATILE COMPOUNDS DUE TO SAMPLE MATRIX.

Sample ID: * 03B32300
Analysis: 8260 dry weight

ELEVATED DETECTION LIMITS FOR ALL VOLATILE COMPOUNDS DUE TO SAMPLE MATRIX.

Sample ID: * 03B32302
Analysis: Diethyl Ether

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

Sample ID: * 03B32302
Analysis: Tetrahydrofuran

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

Sample ID: * 03B32302
Analysis: 1,2,4-Trichlorobenzene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED AND IS LIKELY.

Sample ID: * 03B32304
Analysis: 8260 dry weight

ELEVATED DETECTION LIMITS FOR ALL VOLATILE COMPOUNDS DUE TO SAMPLE MATRIX.

Sample ID: * 03B32306
Analysis: 8260 dry weight

ELEVATED DETECTION LIMITS FOR ALL VOLATILE COMPOUNDS DUE TO SAMPLE MATRIX.

Sample ID: * 03B32308
Analysis: 8260 dry weight

ELEVATED DETECTION LIMITS FOR ALL VOLATILE COMPOUNDS DUE TO SAMPLE MATRIX.

RL = Reporting Limit
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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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Project Location: JANECO
Date Received: 12/8/2003

LIMS-BAT #: LIMS-75705
Job Number: 444-408H

Sample ID: * 03B32309
Analysis: 8260 dry weight

ELEVATED DETECTION LIMITS FOR ALL VOLATILE COMPOUNDS DUE TO SAMPLE MATRIX.

Sample ID: * 03B32310
Analysis: 8260 dry weight

ELEVATED DETECTION LIMITS FOR ALL VOLATILE COMPOUNDS DUE TO SAMPLE MATRIX.

** END OF REPORT **

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 12/18/2003

Lims Bat #: lims-75705

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QC Batch Number: GCMS/SEMI-5345

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32276	Phenol-d6	Surrogate Recovery	86.8	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	127.7	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	72.6	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	58.9	%	30-130
	Terphenyl-d14	Surrogate Recovery	75.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	82.6	%	30-130
03B32277	Naphthalene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.56	mg/kg dry wt	
		Matrix Spike % Rec.	86.00	%	40-140
	1,2-Dichlorobenzene	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.40	mg/kg dry wt	
		Matrix Spike % Rec.	77.30	%	40-140
	Acenaphthene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.39	mg/kg dry wt	
		Matrix Spike % Rec.	77.02	%	40-140
	Acenaphthylene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.37	mg/kg dry wt	
		Matrix Spike % Rec.	75.76	%	40-140
	Aniline	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.02	mg/kg dry wt	
		Matrix Spike % Rec.	56.56	%	
	Anthracene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.48	mg/kg dry wt	
		Matrix Spike % Rec.	81.74	%	40-140
	Benzidine	Sample Amount	<2.54	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	2.00	mg/kg dry wt	
		Matrix Spike % Rec.	110.34	%	
	Benzo(a)anthracene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.58	mg/kg dry wt	
		Matrix Spike % Rec.	87.12	%	40-140
	Benzo(a)pyrene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.53	mg/kg dry wt	
		Matrix Spike % Rec.	84.34	%	40-140



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 12/18/2003

Lims Bat #: lims-75705

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QC Batch Number: GCMS/SEMI-5345

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32277	Benzo(b)fluoranthene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.56	mg/kg dry wt	
		Matrix Spike % Rec.	86.42	%	40-140
	Benzo(g,h,i)perylene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.13	mg/kg dry wt	
		Matrix Spike % Rec.	62.54	%	40-140
	Benzoic Acid	MS Amt Measured	0.00	mg/kg dry wt	
	Benzyl Alcohol	Sample Amount	<0.72	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.40	mg/kg dry wt	
		Matrix Spike % Rec.	77.32	%	
	Bis(2-chloroethyl)ether	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.42	mg/kg dry wt	
		Matrix Spike % Rec.	78.26	%	40-140
	Bis(2-chloroethoxy)methane	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.33	mg/kg dry wt	
		Matrix Spike % Rec.	73.36	%	
	Bis(2-chloroisopropyl)ether	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.21	mg/kg dry wt	
		Matrix Spike % Rec.	66.82	%	40-140
	Bis(2-ethylhexyl)phthalate	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.21	mg/kg dry wt	
		Matrix Spike % Rec.	67.02	%	40-140
	4-Bromophenyl phenyl ether	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.24	mg/kg dry wt	
		Matrix Spike % Rec.	68.58	%	
	Butylbenzylphthalate	Sample Amount	<0.72	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.11	mg/kg dry wt	
		Matrix Spike % Rec.	61.24	%	
	4-Chloroaniline	Sample Amount	<0.72	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	0.88	mg/kg dry wt	
		Matrix Spike % Rec.	48.34	%	40-140
	2-Chloronaphthalene	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	



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03B32277					
	2-Chloronaphthalene	MS Amt Measured	1.43	mg/kg dry wt	
		Matrix Spike % Rec.	79.02	%	
	4-Chlorophenylphenyl ether	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.15	mg/kg dry wt	
		Matrix Spike % Rec.	63.68	%	
	Chrysene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.44	mg/kg dry wt	
		Matrix Spike % Rec.	79.58	%	40-140
	Dibenz(a,h)anthracene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.30	mg/kg dry wt	
		Matrix Spike % Rec.	71.54	%	40-140
	Dibenzofuran	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.27	mg/kg dry wt	
		Matrix Spike % Rec.	69.86	%	40-140
	3,3'-Dichlorobenzidine	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.43	mg/kg dry wt	
		Matrix Spike % Rec.	79.16	%	40-140
	Diethylphthalate	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.13	mg/kg dry wt	
		Matrix Spike % Rec.	62.56	%	40-140
	Dimethylphthalate	Sample Amount	<0.72	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.10	mg/kg dry wt	
		Matrix Spike % Rec.	60.64	%	40-140
	Di-n-butylphthalate	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.20	mg/kg dry wt	
		Matrix Spike % Rec.	66.00	%	
	2,4-Dinitrotoluene	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.55	mg/kg dry wt	
		Matrix Spike % Rec.	85.72	%	40-140
	2,6-Dinitrotoluene	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.53	mg/kg dry wt	
		Matrix Spike % Rec.	84.56	%	40-140
	1,2-Diphenylhydrazine (as Azobenzene)	Sample Amount	<0.36	mg/kg dry wt	



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03B32277	1,2-Diphenylhydrazine (as Azobenzene)	Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.52	mg/kg dry wt	
		Matrix Spike % Rec.	83.96	%	
	Di-n-octylphthalate	Sample Amount	<0.72	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.18	mg/kg dry wt	
		Matrix Spike % Rec.	65.36	%	
	Fluoranthene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.49	mg/kg dry wt	
		Matrix Spike % Rec.	82.02	%	40-140
	Fluorene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.40	mg/kg dry wt	
		Matrix Spike % Rec.	77.46	%	40-140
	Hexachlorobenzene	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.64	mg/kg dry wt	
		Matrix Spike % Rec.	90.40	%	40-140
	Hexachlorobutadiene	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.63	mg/kg dry wt	
		Matrix Spike % Rec.	89.96	%	40-140
	Hexachlorocyclopentadiene	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	0.81	mg/kg dry wt	
		Matrix Spike % Rec.	44.54	%	
	Hexachloroethane	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.30	mg/kg dry wt	
		Matrix Spike % Rec.	71.72	%	40-140
	Indeno(1,2,3-cd)pyrene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.21	mg/kg dry wt	
		Matrix Spike % Rec.	66.74	%	40-140
	Isophorone	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	2.06	mg/kg dry wt	
		Matrix Spike % Rec.	113.70	%	40-140
	2-Methylnaphthalene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.44	mg/kg dry wt	
		Matrix Spike % Rec.	79.64	%	40-140



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03B32277	2-Nitroaniline	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.24	mg/kg dry wt	
		Matrix Spike % Rec.	68.46	%	
	3-Nitroaniline	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	0.90	mg/kg dry wt	
		Matrix Spike % Rec.	49.78	%	
	Nitrobenzene	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.56	mg/kg dry wt	
		Matrix Spike % Rec.	85.88	%	40-140
	N-Nitrosodimethylamine	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.25	mg/kg dry wt	
		Matrix Spike % Rec.	68.84	%	
	N-Nitroso-di-n-propylamine	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.31	mg/kg dry wt	
		Matrix Spike % Rec.	72.12	%	
	N-Nitrosodiphenylamine	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.48	mg/kg dry wt	
		Matrix Spike % Rec.	81.46	%	
	Phenanthrene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.48	mg/kg dry wt	
		Matrix Spike % Rec.	81.96	%	40-140
	Pyrene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.47	mg/kg dry wt	
		Matrix Spike % Rec.	81.00	%	40-140
	1,2,4-Trichlorobenzene	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.65	mg/kg dry wt	
		Matrix Spike % Rec.	91.32	%	40-140
	4-Chloro-3-methylphenol	Sample Amount	<0.72	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.77	mg/kg dry wt	
		Matrix Spike % Rec.	97.76	%	
	2-Chlorophenol	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.81	mg/kg dry wt	



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03B32277					
	2-Chlorophenol	Matrix Spike % Rec.	99.80	%	30-130
	2,4-Dichlorophenol	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.62	mg/kg dry wt	
	2,4-Dimethylphenol	Matrix Spike % Rec.	89.72	%	30-130
		Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.85	mg/kg dry wt	
	4,6-Dinitro-2-methylphenol	Matrix Spike % Rec.	102.26	%	30-130
		Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.08	mg/kg dry wt	
	2,4-Dinitrophenol	Matrix Spike % Rec.	59.86	%	
		Sample Amount	<0.72	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	0.83	mg/kg dry wt	
	o-cresol	Matrix Spike % Rec.	45.84	%	30-130
		Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.50	mg/kg dry wt	
	m & p-cresol(s)	Matrix Spike % Rec.	82.66	%	30-130
		Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.09	mg/kg dry wt	
	2-Nitrophenol	Matrix Spike % Rec.	60.04	%	30-130
		Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.72	mg/kg dry wt	
	4-Nitrophenol	Matrix Spike % Rec.	94.80	%	30-130
		Sample Amount	<0.72	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.15	mg/kg dry wt	
	Phenol	Matrix Spike % Rec.	63.36	%	
		Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.63	mg/kg dry wt	
	2,4,5-Trichlorophenol	Matrix Spike % Rec.	90.14	%	30-130
		Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.18	mg/kg dry wt	
	2,4,6-Trichlorophenol	Matrix Spike % Rec.	65.14	%	30-130
		Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	



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03B32277	2,4,6-Trichlorophenol	MS Amt Measured	1.63	mg/kg dry wt	
		Matrix Spike % Rec.	89.82	%	30-130
	Pentachlorophenol	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.54	mg/kg dry wt	
		Matrix Spike % Rec.	85.04	%	30-130
	Pyridine	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	0.93	mg/kg dry wt	
		Matrix Spike % Rec.	51.52	%	
	Benzo(k)fluoranthene	Sample Amount	<0.18	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.57	mg/kg dry wt	
		Matrix Spike % Rec.	86.44	%	40-140
	Phenol-d6	Surrogate Recovery	86.1	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	129.2	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	67.7	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	55.1	%	30-130
	Terphenyl-d14	Surrogate Recovery	73.4	%	30-130
	2-Fluorophenol	Surrogate Recovery	82.9	%	30-130
	Acetophenone	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.86	mg/kg dry wt	
		Matrix Spike % Rec.	102.46	%	
	1,2-Dinitrobenzene	Sample Amount	<0.36	mg/kg dry wwt	
		Matrix Spk Amt Added	1.81	mg/kg dry wwt	
		MS Amt Measured	1.39	mg/kg dry wwt	
		Matrix Spike % Rec.	76.98	%	
	1,3-Dinitrobenzene	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	1.35	mg/kg dry wt	
		Matrix Spike % Rec.	74.62	%	
	1,4-Dinitrobenzene	Sample Amount	<0.36	mg/kg dry wt	
		Matrix Spk Amt Added	1.81	mg/kg dry wt	
		MS Amt Measured	0.80	mg/kg dry wt	
		Matrix Spike % Rec.	44.30	%	
03B32278	Phenol-d6	Surrogate Recovery	37.0	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	89.6	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	100.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	59.2	%	30-130
	Terphenyl-d14	Surrogate Recovery	52.7	%	30-130
	2-Fluorophenol	Surrogate Recovery	52.4	%	30-130



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03B32279	Phenol-d6	Surrogate Recovery	82.3	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	130.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	68.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	52.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	70.7	%	30-130
	2-Fluorophenol	Surrogate Recovery	77.3	%	30-130
03B32280	Phenol-d6	Surrogate Recovery	52.0	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	114.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	114.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	69.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	54.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	3.3	%	30-130
03B32281	Phenol-d6	Surrogate Recovery	84.9	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	128.2	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	70.1	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	55.7	%	30-130
	Terphenyl-d14	Surrogate Recovery	73.2	%	30-130
	2-Fluorophenol	Surrogate Recovery	80.5	%	30-130
03B32282	Phenol-d6	Surrogate Recovery	72.7	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	105.8	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	58.9	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	46.2	%	30-130
	Terphenyl-d14	Surrogate Recovery	68.9	%	30-130
	2-Fluorophenol	Surrogate Recovery	68.4	%	30-130
03B32283	Phenol-d6	Surrogate Recovery	45.0	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	92.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	92.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	54.5	%	30-130
	Terphenyl-d14	Surrogate Recovery	41.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	60.5	%	30-130
03B32284	Phenol-d6	Surrogate Recovery	46.0	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	94.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	106.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	58.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	48.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	67.0	%	30-130
03B32285	Phenol-d6	Surrogate Recovery	40.0	%	30-130

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03B32285	Nitrobenzene-d5	Surrogate Recovery	80.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	48.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	52.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	60.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	15.3	%	30-130
BLANK-56166	Naphthalene	Blank	<0.17	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	<0.33	mg/kg dry wt	
	Acenaphthene	Blank	<0.17	mg/kg dry wt	
	Acenaphthylene	Blank	<0.17	mg/kg dry wt	
	Aniline	Blank	<0.33	mg/kg dry wt	
	Anthracene	Blank	<0.17	mg/kg dry wt	
	Benzidine	Blank	<2.33	mg/kg dry wt	
	Benzo(a)anthracene	Blank	<0.17	mg/kg dry wt	
	Benzo(a)pyrene	Blank	<0.17	mg/kg dry wt	
	Benzo(b)fluoranthene	Blank	<0.17	mg/kg dry wt	
	Benzo(g,h,i)perylene	Blank	<0.17	mg/kg dry wt	
	Benzoic Acid	Blank	<1.00	mg/kg dry wt	
	Benzyl Alcohol	Blank	<0.67	mg/kg dry wt	
	Bis(2-chloroethyl)ether	Blank	<0.33	mg/kg dry wt	
	Bis(2-chloroethoxy)methane	Blank	<0.33	mg/kg dry wt	
	Bis(2-chloroisopropyl)ether	Blank	<0.33	mg/kg dry wt	
	Bis(2-ethylhexyl)phthalate	Blank	<0.33	mg/kg dry wt	
	4-Bromophenyl phenyl ether	Blank	<0.33	mg/kg dry wt	
	Butylbenzylphthalate	Blank	<0.67	mg/kg dry wt	
	4-Chloroaniline	Blank	<0.67	mg/kg dry wt	
	2-Chloronaphthalene	Blank	<0.33	mg/kg dry wt	
	4-Chlorophenylphenyl ether	Blank	<0.33	mg/kg dry wt	
	Chrysene	Blank	<0.17	mg/kg dry wt	
	Dibenz(a,h)anthracene	Blank	<0.17	mg/kg dry wt	
	Dibenzofuran	Blank	<0.33	mg/kg dry wt	
	3,3'-Dichlorobenzidine	Blank	<0.17	mg/kg dry wt	
	Diethylphthalate	Blank	<0.33	mg/kg dry wt	
	Dimethylphthalate	Blank	<0.67	mg/kg dry wt	
	Di-n-butylphthalate	Blank	<0.33	mg/kg dry wt	
	2,4-Dinitrotoluene	Blank	<0.33	mg/kg dry wt	
	2,6-Dinitrotoluene	Blank	<0.33	mg/kg dry wt	
	1,2-Diphenylhydrazine (as Azobenzene)	Blank	<0.33	mg/kg dry wt	
	Di-n-octylphthalate	Blank	<0.67	mg/kg dry wt	
	Fluoranthene	Blank	<0.17	mg/kg dry wt	
	Fluorene	Blank	<0.17	mg/kg dry wt	
	Hexachlorobenzene	Blank	<0.33	mg/kg dry wt	
	Hexachlorobutadiene	Blank	<0.33	mg/kg dry wt	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-56166	Hexachlorocyclopentadiene	Blank	<0.33	mg/kg dry wt	
	Hexachloroethane	Blank	<0.33	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Blank	<0.17	mg/kg dry wt	
	Isophorone	Blank	<0.33	mg/kg dry wt	
	2-Methylnaphthalene	Blank	<0.17	mg/kg dry wt	
	2-Nitroaniline	Blank	<0.33	mg/kg dry wt	
	3-Nitroaniline	Blank	<0.33	mg/kg dry wt	
	Nitrobenzene	Blank	<0.33	mg/kg dry wt	
	N-Nitrosodimethylamine	Blank	<0.33	mg/kg dry wt	
	N-Nitroso-di-n-propylamine	Blank	<0.33	mg/kg dry wt	
	N-Nitrosodiphenylamine	Blank	<0.33	mg/kg dry wt	
	Phenanthrene	Blank	<0.17	mg/kg dry wt	
	Pyrene	Blank	<0.17	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	<0.33	mg/kg dry wt	
	4-Chloro-3-methylphenol	Blank	<0.67	mg/kg dry wt	
	2-Chlorophenol	Blank	<0.33	mg/kg dry wt	
	2,4-Dichlorophenol	Blank	<0.33	mg/kg dry wt	
	2,4-Dimethylphenol	Blank	<0.33	mg/kg dry wt	
	4,6-Dinitro-2-methylphenol	Blank	<0.33	mg/kg dry wt	
	2,4-Dinitrophenol	Blank	<0.67	mg/kg dry wt	
	o-cresol	Blank	<0.33	mg/kg dry wt	
	m & p-cresol(s)	Blank	<0.33	mg/kg dry wt	
	2-Nitrophenol	Blank	<0.33	mg/kg dry wt	
	4-Nitrophenol	Blank	<0.67	mg/kg dry wt	
	Phenol	Blank	<0.33	mg/kg dry wt	
	2,4,5-Trichlorophenol	Blank	<0.33	mg/kg dry wt	
	2,4,6-Trichlorophenol	Blank	<0.33	mg/kg dry wt	
	Pentachlorophenol	Blank	<0.33	mg/kg dry wt	
	Pyridine	Blank	<0.33	mg/kg dry wt	
	Benzo(k)fluoranthene	Blank	<0.17	mg/kg dry wt	
	1,1-Biphenyl	Blank	<0.33	mg/kg dry wt	
	Acetophenone	Blank	<0.33	mg/kg dry wt	
	1,2-Dinitrobenzene	Blank	<0.33	mg/kg dry wwt	
	1,3-Dinitrobenzene	Blank	<0.33	mg/kg dry wt	
	1,4-Dinitrobenzene	Blank	<0.33	mg/kg dry wt	
LFBLANK-29524	Naphthalene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.52	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.28	%	40-140
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.36	mg/kg dry wt	
		Lab Fort Blk. % Rec.	81.70	%	40-140
	Acenaphthene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	



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LFBLANK-29524					
Acenaphthene		Lab Fort Blk. Found	1.32	mg/kg dry wt	40-140
		Lab Fort Blk. % Rec.	79.36	%	
Acenaphthylene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.30	mg/kg dry wt	
Aniline		Lab Fort Blk. % Rec.	78.26	%	40-140
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
Anthracene		Lab Fort Blk. Found	0.78	mg/kg dry wt	40-140
		Lab Fort Blk. % Rec.	46.62	%	
Benzidine		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.25	mg/kg dry wt	
Benzo(a)anthracene		Lab Fort Blk. % Rec.	75.06	%	40-140
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
Benzo(a)pyrene		Lab Fort Blk. Found	1.46	mg/kg dry wt	40-140
		Lab Fort Blk. % Rec.	87.52	%	
Benzo(b)fluoranthene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.41	mg/kg dry wt	
Benzo(g,h,i)perylene		Lab Fort Blk. % Rec.	84.64	%	40-140
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
Benzyl Alcohol		Lab Fort Blk. Found	1.03	mg/kg dry wt	40-140
		Lab Fort Blk. % Rec.	62.02	%	
Bis(2-chloroethyl)ether		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.36	mg/kg dry wt	
Bis(2-chloroethoxy)methane		Lab Fort Blk. % Rec.	81.74	%	40-140
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
Bis(2-chloroisopropyl)ether		Lab Fort Blk. Found	1.28	mg/kg dry wt	40-140
		Lab Fort Blk. % Rec.	76.82	%	
Bis(2-ethylhexyl)phthalate		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.24	mg/kg dry wt	
4-Bromophenyl phenyl ether		Lab Fort Blk. % Rec.	74.46	%	40-140
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.13	mg/kg dry wt	40-140
		Lab Fort Blk. % Rec.	67.62	%	
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.15	mg/kg dry wt	

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LFBLANK-29524					
	4-Bromophenyl phenyl ether	Lab Fort Blk. % Rec.	69.28	%	
	Butylbenzylphthalate	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.04	mg/kg dry wt	
		Lab Fort Blk. % Rec.	62.36	%	
	4-Chloroaniline	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.47	mg/kg dry wt	
		Lab Fort Blk. % Rec.	28.36	%	20-130
	2-Chloronaphthalene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.36	mg/kg dry wt	
		Lab Fort Blk. % Rec.	81.44	%	
	4-Chlorophenylphenyl ether	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.08	mg/kg dry wt	
		Lab Fort Blk. % Rec.	64.98	%	
	Chrysene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.34	mg/kg dry wt	
		Lab Fort Blk. % Rec.	80.60	%	40-140
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.20	mg/kg dry wt	
		Lab Fort Blk. % Rec.	71.90	%	40-140
	Dibenzofuran	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.19	mg/kg dry wt	
		Lab Fort Blk. % Rec.	71.68	%	40-140
	3,3'-Dichlorobenzidine	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.06	mg/kg dry wt	
		Lab Fort Blk. % Rec.	63.34	%	40-140
	Diethylphthalate	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.07	mg/kg dry wt	
		Lab Fort Blk. % Rec.	64.10	%	40-140
	Dimethylphthalate	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.03	mg/kg dry wt	
		Lab Fort Blk. % Rec.	61.96	%	40-140
	Di-n-butylphthalate	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.13	mg/kg dry wt	
		Lab Fort Blk. % Rec.	67.92	%	
	2,4-Dinitrotoluene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.45	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.76	%	40-140
	2,6-Dinitrotoluene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.45	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.94	%	40-140
	1,2-Diphenylhydrazine (as Azobenzene)	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.43	mg/kg dry wt	
		Lab Fort Blk. % Rec.	85.94	%	



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LFBLANK-29524					
Di-n-octylphthalate		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.09	mg/kg dry wt	
		Lab Fort Blk. % Rec.	65.42	%	
Fluoranthene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.40	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.88	%	40-140
Fluorene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.32	mg/kg dry wt	
		Lab Fort Blk. % Rec.	79.26	%	40-140
Hexachlorobenzene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.54	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.64	%	40-140
Hexachlorobutadiene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.58	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.50	%	40-140
Hexachlorocyclopentadiene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.91	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.48	%	
Hexachloroethane		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.29	mg/kg dry wt	
		Lab Fort Blk. % Rec.	77.48	%	40-140
Indeno(1,2,3-cd)pyrene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.11	mg/kg dry wt	
		Lab Fort Blk. % Rec.	66.70	%	40-140
Isophorone		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.88	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.58	%	40-140
2-Methylnaphthalene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.36	mg/kg dry wt	
		Lab Fort Blk. % Rec.	81.46	%	40-140
2-Nitroaniline		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.17	mg/kg dry wt	
		Lab Fort Blk. % Rec.	70.26	%	
3-Nitroaniline		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.67	mg/kg dry wt	
		Lab Fort Blk. % Rec.	40.02	%	
Nitrobenzene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.51	mg/kg dry wt	
		Lab Fort Blk. % Rec.	90.64	%	40-140
N-Nitrosodimethylamine		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.17	mg/kg dry wt	
		Lab Fort Blk. % Rec.	70.08	%	
N-Nitroso-di-n-propylamine		Lab Fort Blank Amt.	1.67	mg/kg dry wt	



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LFBLANK-29524	N-Nitroso-di-n-propylamine	Lab Fort Blk. Found	1.35	mg/kg dry wt	
		Lab Fort Blk. % Rec.	80.86	%	
	N-Nitrosodiphenylamine	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.38	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.98	%	
	Phenanthrene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.40	mg/kg dry wt	
		Lab Fort Blk. % Rec.	84.10	%	40-140
	Pyrene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.36	mg/kg dry wt	
		Lab Fort Blk. % Rec.	81.44	%	40-140
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.62	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.98	%	40-140
	4-Chloro-3-methylphenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.69	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.62	%	
	2-Chlorophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.70	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.26	%	30-130
	2,4-Dichlorophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.54	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.58	%	30-130
	2,4-Dimethylphenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.78	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.86	%	30-130
	4,6-Dinitro-2-methylphenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.81	mg/kg dry wt	
		Lab Fort Blk. % Rec.	48.80	%	
	2,4-Dinitrophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.45	mg/kg dry wt	
		Lab Fort Blk. % Rec.	26.96	%	10-130
	o-cresol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.43	mg/kg dry wt	
		Lab Fort Blk. % Rec.	85.82	%	30-130
	m & p-cresol(s)	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.05	mg/kg dry wt	
		Lab Fort Blk. % Rec.	63.00	%	30-130
	2-Nitrophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.69	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.54	%	30-130
	4-Nitrophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.01	mg/kg dry wt	



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LFBLANK-29524					
4-Nitrophenol Phenol		Lab Fort Blk. % Rec.	60.44	%	
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.51	mg/kg dry wt	
2,4,5-Trichlorophenol		Lab Fort Blk. % Rec.	90.60	%	30-130
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.11	mg/kg dry wt	
2,4,6-Trichlorophenol		Lab Fort Blk. % Rec.	66.78	%	30-130
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.54	mg/kg dry wt	
Pentachlorophenol		Lab Fort Blk. % Rec.	92.60	%	30-130
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.32	mg/kg dry wt	
Pyridine		Lab Fort Blk. % Rec.	79.26	%	30-130
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.77	mg/kg dry wt	
Benzo(k)fluoranthene		Lab Fort Blk. % Rec.	45.98	%	
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.46	mg/kg dry wt	
Acetophenone		Lab Fort Blk. % Rec.	87.36	%	40-140
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.75	mg/kg dry wt	
1,2-Dinitrobenzene		Lab Fort Blk. % Rec.	104.98	%	
		Lab Fort Blank Amt.	1.67	mg/kg dry wwt	
		Lab Fort Blk. Found	1.33	mg/kg dry wwt	
1,3-Dinitrobenzene		Lab Fort Blk. % Rec.	79.94	%	
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.16	mg/kg dry wt	
1,4-Dinitrobenzene		Lab Fort Blk. % Rec.	69.80	%	
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.74	mg/kg dry wt	
		Lab Fort Blk. % Rec.	44.20	%	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32286	Phenol-d6	Surrogate Recovery	52.0	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	92.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	52.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	52.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	64.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	15.8	%	30-130
03B32287	Phenol-d6	Surrogate Recovery	50.0	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	100.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	108.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	65.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	56.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	52.0	%	30-130
03B32288	Phenol-d6	Surrogate Recovery	56.0	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	120.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	80.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	60.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	104.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	70.0	%	30-130
03B32289	Phenol-d6	Surrogate Recovery	31.5	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	54.7	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	33.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	30.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	44.2	%	30-130
	2-Fluorophenol	Surrogate Recovery	35.9	%	30-130
03B32290	Phenol-d6	Surrogate Recovery	41.0	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	88.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	92.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	60.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	80.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	58.0	%	30-130
03B32291	Phenol-d6	Surrogate Recovery	44.0	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	82.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	96.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	70.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	92.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	54.0	%	30-130
03B32292	Phenol-d6	Surrogate Recovery	46.0	%	30-130



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32292	Nitrobenzene-d5	Surrogate Recovery	114.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	74.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	53.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	72.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	66.0	%	30-130
03B32293	Phenol-d6	Surrogate Recovery	67.5	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	125.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	85.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	50.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	50.0	%	30-130
03B32294	2-Fluorophenol	Surrogate Recovery	67.5	%	30-130
	Phenol-d6	Surrogate Recovery	50.0	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	96.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	72.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	53.0	%	30-130
03B32295	Terphenyl-d14	Surrogate Recovery	86.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	60.0	%	30-130
	Phenol-d6	Surrogate Recovery	67.5	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	120.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	70.0	%	30-130
03B32296	2,4,6-Tribromophenol	Surrogate Recovery	45.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	70.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	70.0	%	30-130
	Naphthalene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.76	mg/kg dry wt	
		Matrix Spike % Rec.	93.18	%	40-140
	1,2-Dichlorobenzene	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.52	mg/kg dry wt	
		Matrix Spike % Rec.	80.44	%	40-140
	Acenaphthene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.60	mg/kg dry wt	
		Matrix Spike % Rec.	84.62	%	40-140
	Acenaphthylene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.58	mg/kg dry wt	
		Matrix Spike % Rec.	83.66	%	40-140



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32296	Aniline	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.09	mg/kg dry wt	
		Matrix Spike % Rec.	57.64	%	
	Anthracene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.67	mg/kg dry wt	
		Matrix Spike % Rec.	88.38	%	40-140
	Benzidine	Sample Amount	<2.64	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	2.49	mg/kg dry wt	
		Matrix Spike % Rec.	132.02	%	
	Benzo(a)anthracene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.79	mg/kg dry wt	
		Matrix Spike % Rec.	95.02	%	40-140
	Benzo(a)pyrene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.73	mg/kg dry wt	
		Matrix Spike % Rec.	91.78	%	40-140
	Benzo(b)fluoranthene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.82	mg/kg dry wt	
		Matrix Spike % Rec.	96.22	%	40-140
	Benzo(g,h,i)perylene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.23	mg/kg dry wt	
		Matrix Spike % Rec.	65.26	%	40-140
	Benzyl Alcohol	Sample Amount	<0.76	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.57	mg/kg dry wt	
		Matrix Spike % Rec.	82.88	%	
	Bis(2-chloroethyl)ether	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.60	mg/kg dry wt	
		Matrix Spike % Rec.	84.64	%	40-140
	Bis(2-chloroethoxy)methane	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.51	mg/kg dry wt	
		Matrix Spike % Rec.	80.22	%	
	Bis(2-chloroisopropyl)ether	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.41	mg/kg dry wt	



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03B32296	Bis(2-chloroisopropyl)ether	Matrix Spike % Rec.	74.92	%	40-140
	Bis(2-ethylhexyl)phthalate	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.38	mg/kg dry wt	
		Matrix Spike % Rec.	72.86	%	40-140
	4-Bromophenyl phenyl ether	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.37	mg/kg dry wt	
		Matrix Spike % Rec.	72.76	%	
	Butylbenzylphthalate	Sample Amount	<0.76	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.28	mg/kg dry wt	
		Matrix Spike % Rec.	67.82	%	
	4-Chloroaniline	Sample Amount	<0.76	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	0.92	mg/kg dry wt	
		Matrix Spike % Rec.	48.76	%	40-140
	2-Chloronaphthalene	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.62	mg/kg dry wt	
		Matrix Spike % Rec.	85.92	%	
	4-Chlorophenylphenyl ether	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.32	mg/kg dry wt	
		Matrix Spike % Rec.	69.74	%	
	Chrysene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.66	mg/kg dry wt	
		Matrix Spike % Rec.	87.82	%	40-140
	Dibenz(a,h)anthracene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.44	mg/kg dry wt	
		Matrix Spike % Rec.	76.22	%	40-140
	Dibenzofuran	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.45	mg/kg dry wt	
		Matrix Spike % Rec.	76.54	%	40-140
	3,3'-Dichlorobenzidine	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.66	mg/kg dry wt	
		Matrix Spike % Rec.	87.94	%	40-140
	Diethylphthalate	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	



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03B32296	Diethylphthalate	MS Amt Measured	1.30	mg/kg dry wt	
		Matrix Spike % Rec.	69.02	%	40-140
	Dimethylphthalate	Sample Amount	<0.76	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.27	mg/kg dry wt	
		Matrix Spike % Rec.	67.46	%	40-140
	Di-n-butylphthalate	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.35	mg/kg dry wt	
		Matrix Spike % Rec.	71.50	%	
	2,4-Dinitrotoluene	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.79	mg/kg dry wt	
		Matrix Spike % Rec.	94.88	%	40-140
	2,6-Dinitrotoluene	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.78	mg/kg dry wt	
		Matrix Spike % Rec.	94.26	%	40-140
	1,2-Diphenylhydrazine (as Azobenzene)	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.76	mg/kg dry wt	
		Matrix Spike % Rec.	93.38	%	
	Di-n-octylphthalate	Sample Amount	<0.76	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.35	mg/kg dry wt	
		Matrix Spike % Rec.	71.60	%	
	Fluoranthene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.69	mg/kg dry wt	
		Matrix Spike % Rec.	89.26	%	40-140
	Fluorene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.61	mg/kg dry wt	
		Matrix Spike % Rec.	85.24	%	40-140
	Hexachlorobenzene	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.84	mg/kg dry wt	
		Matrix Spike % Rec.	97.24	%	40-140
	Hexachlorobutadiene	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.77	mg/kg dry wt	
		Matrix Spike % Rec.	93.90	%	40-140
	Hexachlorocyclopentadiene	Sample Amount	<0.38	mg/kg dry wt	



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03B32296	Hexachlorocyclopentadiene	Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.02	mg/kg dry wt	
		Matrix Spike % Rec.	54.06	%	
	Hexachloroethane	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.44	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Matrix Spike % Rec.	76.20	%	40-140
		Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
	Isophorone	MS Amt Measured	1.35	mg/kg dry wt	
		Matrix Spike % Rec.	71.34	%	40-140
		Sample Amount	<0.38	mg/kg dry wt	
	2-Methylnaphthalene	Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	2.22	mg/kg dry wt	
		Matrix Spike % Rec.	117.74	%	40-140
	2-Nitroaniline	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.60	mg/kg dry wt	
	3-Nitroaniline	Matrix Spike % Rec.	84.88	%	40-140
		Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
	Nitrobenzene	MS Amt Measured	1.46	mg/kg dry wt	
		Matrix Spike % Rec.	77.10	%	
		Sample Amount	<0.38	mg/kg dry wt	
	N-Nitrosodimethylamine	Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.03	mg/kg dry wt	
		Matrix Spike % Rec.	54.78	%	
	N-Nitroso-di-n-propylamine	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.77	mg/kg dry wt	
	N-Nitrosodiphenylamine	Matrix Spike % Rec.	93.50	%	40-140
		Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.33	mg/kg dry wt	
		Matrix Spike % Rec.	70.68	%	
		Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.55	mg/kg dry wt	
		Matrix Spike % Rec.	82.08	%	
		Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.66	mg/kg dry wt	
		Matrix Spike % Rec.	87.78	%	



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03B32296	Phenanthrene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.69	mg/kg dry wt	
		Matrix Spike % Rec.	89.38	%	40-140
	Pyrene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.66	mg/kg dry wt	
		Matrix Spike % Rec.	87.76	%	40-140
	1,2,4-Trichlorobenzene	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.83	mg/kg dry wt	
		Matrix Spike % Rec.	96.76	%	40-140
	4-Chloro-3-methylphenol	Sample Amount	<0.76	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	2.03	mg/kg dry wt	
		Matrix Spike % Rec.	107.26	%	
	2-Chlorophenol	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	2.00	mg/kg dry wt	
		Matrix Spike % Rec.	105.74	%	30-130
	2,4-Dichlorophenol	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.83	mg/kg dry wt	
		Matrix Spike % Rec.	96.98	%	30-130
	2,4-Dimethylphenol	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	2.13	mg/kg dry wt	
		Matrix Spike % Rec.	113.02	%	30-130
	4,6-Dinitro-2-methylphenol	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.30	mg/kg dry wt	
		Matrix Spike % Rec.	69.00	%	
	2,4-Dinitrophenol	Sample Amount	<0.76	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	0.79	mg/kg dry wt	
		Matrix Spike % Rec.	41.84	%	30-130
	o-cresol	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.68	mg/kg dry wt	
		Matrix Spike % Rec.	88.78	%	30-130
	m & p-cresol(s)	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.23	mg/kg dry wt	



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03B32296					
	m & p-cresol(s)	Matrix Spike % Rec.	64.98	%	30-130
	2-Nitrophenol	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	2.03	mg/kg dry wt	
	4-Nitrophenol	Matrix Spike % Rec.	107.54	%	30-130
		Sample Amount	<0.76	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.33	mg/kg dry wt	
	Phenol	Matrix Spike % Rec.	70.46	%	
		Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.79	mg/kg dry wt	
	2,4,5-Trichlorophenol	Matrix Spike % Rec.	94.66	%	30-130
		Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.37	mg/kg dry wt	
	2,4,6-Trichlorophenol	Matrix Spike % Rec.	72.56	%	30-130
		Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.91	mg/kg dry wt	
	Pentachlorophenol	Matrix Spike % Rec.	101.14	%	30-130
		Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.74	mg/kg dry wt	
	Pyridine	Matrix Spike % Rec.	92.34	%	30-130
		Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	0.89	mg/kg dry wt	
	Benzo(k)fluoranthene	Matrix Spike % Rec.	47.36	%	
		Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.78	mg/kg dry wt	
	Phenol-d6	Matrix Spike % Rec.	94.16	%	40-140
	Nitrobenzene-d5	Surrogate Recovery	87.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	144.5	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	75.3	%	30-130
	Terphenyl-d14	Surrogate Recovery	60.1	%	30-130
	2-Fluorophenol	Surrogate Recovery	81.1	%	30-130
	Acetophenone	Surrogate Recovery	83.6	%	30-130
		Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	2.06	mg/kg dry wt	
		Matrix Spike % Rec.	108.98	%	



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03B32296	1,2-Dinitrobenzene	Sample Amount	<0.38	mg/kg dry wwt	
		Matrix Spk Amt Added	1.89	mg/kg dry wwt	
		MS Amt Measured	1.63	mg/kg dry wwt	
		Matrix Spike % Rec.	86.36	%	
	1,3-Dinitrobenzene	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	1.44	mg/kg dry wt	
		Matrix Spike % Rec.	76.20	%	
	1,4-Dinitrobenzene	Sample Amount	<0.38	mg/kg dry wt	
		Matrix Spk Amt Added	1.89	mg/kg dry wt	
		MS Amt Measured	0.93	mg/kg dry wt	
		Matrix Spike % Rec.	49.00	%	
03B32297	Phenol-d6	Surrogate Recovery	30.2	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	100.2	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	43.9	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	17.5	%	30-130
	Terphenyl-d14	Surrogate Recovery	45.1	%	30-130
	2-Fluorophenol	Surrogate Recovery	32.5	%	30-130
03B32298	Phenol-d6	Surrogate Recovery	107.5	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	160.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	105.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	67.5	%	30-130
	Terphenyl-d14	Surrogate Recovery	100.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	90.0	%	30-130
BLANK-56165	Naphthalene	Blank	<0.17	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	<0.33	mg/kg dry wt	
	Acenaphthene	Blank	<0.17	mg/kg dry wt	
	Acenaphthylene	Blank	<0.17	mg/kg dry wt	
	Aniline	Blank	<0.33	mg/kg dry wt	
	Anthracene	Blank	<0.17	mg/kg dry wt	
	Benzidine	Blank	<2.33	mg/kg dry wt	
	Benzo(a)anthracene	Blank	<0.17	mg/kg dry wt	
	Benzo(a)pyrene	Blank	<0.17	mg/kg dry wt	
	Benzo(b)fluoranthene	Blank	<0.17	mg/kg dry wt	
	Benzo(g,h,i)perylene	Blank	<0.17	mg/kg dry wt	
	Benzoic Acid	Blank	<1.00	mg/kg dry wt	
	Benzyl Alcohol	Blank	<0.67	mg/kg dry wt	
	Bis(2-chloroethyl)ether	Blank	<0.33	mg/kg dry wt	
	Bis(2-chloroethoxy)methane	Blank	<0.33	mg/kg dry wt	
	Bis(2-chloroisopropyl)ether	Blank	<0.33	mg/kg dry wt	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-56165					
	Bis(2-ethylhexyl)phthalate	Blank	<0.33	mg/kg dry wt	
	4-Bromophenyl phenyl ether	Blank	<0.33	mg/kg dry wt	
	Butylbenzylphthalate	Blank	<0.67	mg/kg dry wt	
	4-Chloroaniline	Blank	<0.67	mg/kg dry wt	
	2-Chloronaphthalene	Blank	<0.33	mg/kg dry wt	
	4-Chlorophenylphenyl ether	Blank	<0.33	mg/kg dry wt	
	Chrysene	Blank	<0.17	mg/kg dry wt	
	Dibenz(a,h)anthracene	Blank	<0.17	mg/kg dry wt	
	Dibenzofuran	Blank	<0.33	mg/kg dry wt	
	3,3'-Dichlorobenzidine	Blank	<0.17	mg/kg dry wt	
	Diethylphthalate	Blank	<0.33	mg/kg dry wt	
	Dimethylphthalate	Blank	<0.67	mg/kg dry wt	
	Di-n-butylphthalate	Blank	<0.33	mg/kg dry wt	
	2,4-Dinitrotoluene	Blank	<0.33	mg/kg dry wt	
	2,6-Dinitrotoluene	Blank	<0.33	mg/kg dry wt	
	1,2-Diphenylhydrazine (as Azobenzene)	Blank	<0.33	mg/kg dry wt	
	Di-n-octylphthalate	Blank	<0.67	mg/kg dry wt	
	Fluoranthene	Blank	<0.17	mg/kg dry wt	
	Fluorene	Blank	<0.17	mg/kg dry wt	
	Hexachlorobenzene	Blank	<0.33	mg/kg dry wt	
	Hexachlorobutadiene	Blank	<0.33	mg/kg dry wt	
	Hexachlorocyclopentadiene	Blank	<0.33	mg/kg dry wt	
	Hexachloroethane	Blank	<0.33	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Blank	<0.17	mg/kg dry wt	
	Isophorone	Blank	<0.33	mg/kg dry wt	
	2-Methylnaphthalene	Blank	<0.17	mg/kg dry wt	
	2-Nitroaniline	Blank	<0.33	mg/kg dry wt	
	3-Nitroaniline	Blank	<0.33	mg/kg dry wt	
	Nitrobenzene	Blank	<0.33	mg/kg dry wt	
	N-Nitrosodimethylamine	Blank	<0.33	mg/kg dry wt	
	N-Nitroso-di-n-propylamine	Blank	<0.33	mg/kg dry wt	
	N-Nitrosodiphenylamine	Blank	<0.33	mg/kg dry wt	
	Phenanthrene	Blank	<0.17	mg/kg dry wt	
	Pyrene	Blank	<0.17	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	<0.33	mg/kg dry wt	
	4-Chloro-3-methylphenol	Blank	<0.67	mg/kg dry wt	
	2-Chlorophenol	Blank	<0.33	mg/kg dry wt	
	2,4-Dichlorophenol	Blank	<0.33	mg/kg dry wt	
	2,4-Dimethylphenol	Blank	<0.33	mg/kg dry wt	
	4,6-Dinitro-2-methylphenol	Blank	<0.33	mg/kg dry wt	
	2,4-Dinitrophenol	Blank	<0.67	mg/kg dry wt	
	o-cresol	Blank	<0.33	mg/kg dry wt	
	m & p-cresol(s)	Blank	<0.33	mg/kg dry wt	



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BLANK-56165	2-Nitrophenol	Blank	<0.33	mg/kg dry wt	
	4-Nitrophenol	Blank	<0.67	mg/kg dry wt	
	Phenol	Blank	<0.33	mg/kg dry wt	
	2,4,5-Trichlorophenol	Blank	<0.33	mg/kg dry wt	
	2,4,6-Trichlorophenol	Blank	<0.33	mg/kg dry wt	
	Pentachlorophenol	Blank	<0.33	mg/kg dry wt	
	Pyridine	Blank	<0.33	mg/kg dry wt	
	Benzo(k)fluoranthene	Blank	<0.17	mg/kg dry wt	
	1,1-Biphenyl	Blank	<0.33	mg/kg dry wt	
	Acetophenone	Blank	<0.33	mg/kg dry wt	
	1,2-Dinitrobenzene	Blank	<0.33	mg/kg dry wt	
	1,3-Dinitrobenzene	Blank	<0.33	mg/kg dry wt	
	1,4-Dinitrobenzene	Blank	<0.33	mg/kg dry wt	
LFBLANK-29523	Naphthalene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.24	mg/kg dry wt	
		Lab Fort Blk. % Rec.	74.64	%	40-140
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.41	mg/kg dry wt	
		Lab Fort Blk. % Rec.	84.76	%	40-140
	Acenaphthene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.35	mg/kg dry wt	
		Lab Fort Blk. % Rec.	81.20	%	40-140
	Acenaphthylene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.28	mg/kg dry wt	
		Lab Fort Blk. % Rec.	76.52	%	40-140
	Aniline	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.85	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.12	%	
	Anthracene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.38	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.62	%	40-140
	Benzidine	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	2.20	mg/kg dry wt	
		Lab Fort Blk. % Rec.	132.22	%	
	Benzo(a)anthracene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.59	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.20	%	40-140
	Benzo(a)pyrene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.38	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.90	%	40-140
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.39	mg/kg dry wt	



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LFBLANK-29523	Benzo(b)fluoranthene	Lab Fort Blk. % Rec.	83.58	%	40-140
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.28	mg/kg dry wt	
		Lab Fort Blk. % Rec.	76.94	%	40-140
	Benzyl Alcohol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.30	mg/kg dry wt	
		Lab Fort Blk. % Rec.	77.70	%	
	Bis(2-chloroethyl)ether	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.11	mg/kg dry wt	
		Lab Fort Blk. % Rec.	66.60	%	40-140
	Bis(2-chloroethoxy)methane	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.22	mg/kg dry wt	
		Lab Fort Blk. % Rec.	73.12	%	
	Bis(2-chloroisopropyl)ether	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.96	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.54	%	40-140
	Bis(2-ethylhexyl)phthalate	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.32	mg/kg dry wt	
		Lab Fort Blk. % Rec.	79.46	%	40-140
	4-Bromophenyl phenyl ether	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.18	mg/kg dry wt	
		Lab Fort Blk. % Rec.	70.72	%	
	Butylbenzylphthalate	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.33	mg/kg dry wt	
		Lab Fort Blk. % Rec.	79.74	%	
	4-Chloroaniline	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.47	mg/kg dry wt	
		Lab Fort Blk. % Rec.	28.30	%	20-130
	2-Chloronaphthalene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.35	mg/kg dry wt	
		Lab Fort Blk. % Rec.	80.92	%	
	4-Chlorophenylphenyl ether	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.03	mg/kg dry wt	
		Lab Fort Blk. % Rec.	61.96	%	
	Chrysene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.40	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.82	%	40-140
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.20	mg/kg dry wt	
		Lab Fort Blk. % Rec.	72.22	%	40-140
	Dibenzofuran	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.26	mg/kg dry wt	
		Lab Fort Blk. % Rec.	75.40	%	40-140



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LFBLANK-29523					
3,3'-Dichlorobenzidine		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.02	mg/kg dry wt	
		Lab Fort Blk. % Rec.	61.06	%	
Diethylphthalate		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	0.99	mg/kg dry wt	
		Lab Fort Blk. % Rec.	59.32	%	
Dimethylphthalate		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.14	mg/kg dry wt	
		Lab Fort Blk. % Rec.	68.68	%	
Di-n-butylphthalate		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.02	mg/kg dry wt	
		Lab Fort Blk. % Rec.	61.44	%	
2,4-Dinitrotoluene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.73	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.60	%	
2,6-Dinitrotoluene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.55	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.94	%	
1,2-Diphenylhydrazine (as Azobenzene)		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.06	mg/kg dry wt	
		Lab Fort Blk. % Rec.	63.76	%	
Di-n-octylphthalate		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.08	mg/kg dry wt	
		Lab Fort Blk. % Rec.	64.86	%	
Fluoranthene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.24	mg/kg dry wt	
		Lab Fort Blk. % Rec.	74.26	%	
Fluorene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.12	mg/kg dry wt	
		Lab Fort Blk. % Rec.	67.02	%	
Hexachlorobenzene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.46	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.48	%	
Hexachlorobutadiene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.25	mg/kg dry wt	
		Lab Fort Blk. % Rec.	74.98	%	
Hexachlorocyclopentadiene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	0.93	mg/kg dry wt	
		Lab Fort Blk. % Rec.	55.88	%	
Hexachloroethane		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.19	mg/kg dry wt	
		Lab Fort Blk. % Rec.	71.22	%	
Indeno(1,2,3-cd)pyrene		Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140



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LFBLANK-29523					
	Indeno(1,2,3-cd)pyrene	Lab Fort Blk. Found	1.28	mg/kg dry wt	40-140
		Lab Fort Blk. % Rec.	76.54	%	
	Isophorone	Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.48	mg/kg dry wt	
	2-Methylnaphthalene	Lab Fort Blk. % Rec.	88.52	%	40-140
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
	2-Nitroaniline	Lab Fort Blk. Found	1.18	mg/kg dry wt	40-140
		Lab Fort Blk. % Rec.	71.08	%	
	3-Nitroaniline	Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.32	mg/kg dry wt	
	Nitrobenzene	Lab Fort Blk. % Rec.	79.00	%	40-140
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
	N-Nitrosodimethylamine	Lab Fort Blk. Found	0.72	mg/kg dry wt	40-140
		Lab Fort Blk. % Rec.	43.18	%	
	N-Nitroso-di-n-propylamine	Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	0.88	mg/kg dry wt	
	N-Nitrosodiphenylamine	Lab Fort Blk. % Rec.	52.78	%	40-140
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
	Phenanthrene	Lab Fort Blk. Found	1.13	mg/kg dry wt	40-140
		Lab Fort Blk. % Rec.	68.00	%	
	Pyrene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	40-140
		Lab Fort Blk. Found	1.29	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Lab Fort Blk. % Rec.	77.30	%	40-140
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
	4-Chloro-3-methylphenol	Lab Fort Blk. Found	1.44	mg/kg dry wt	40-140
		Lab Fort Blk. % Rec.	86.50	%	
	2-Chlorophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	30-130
		Lab Fort Blk. Found	1.53	mg/kg dry wt	
	2,4-Dichlorophenol	Lab Fort Blk. % Rec.	91.82	%	30-130
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.57	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.48	%	
		Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.74	mg/kg dry wt	



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LFBLANK-29523	2,4-Dichlorophenol	Lab Fort Blk. % Rec.	104.22	%	30-130
	2,4-Dimethylphenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.53	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.80	%	30-130
	4,6-Dinitro-2-methylphenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.72	mg/kg dry wt	
		Lab Fort Blk. % Rec.	43.48	%	
	2,4-Dinitrophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.34	mg/kg dry wt	
		Lab Fort Blk. % Rec.	20.24	%	10-130
	o-cresol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.92	mg/kg dry wt	
		Lab Fort Blk. % Rec.	55.04	%	30-130
	m & p-cresol(s)	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.16	mg/kg dry wt	
		Lab Fort Blk. % Rec.	69.30	%	30-130
	2-Nitrophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.54	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.14	%	30-130
	4-Nitrophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.02	mg/kg dry wt	
		Lab Fort Blk. % Rec.	60.98	%	
	Phenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.31	mg/kg dry wt	
		Lab Fort Blk. % Rec.	78.32	%	30-130
	2,4,5-Trichlorophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.04	mg/kg dry wt	
		Lab Fort Blk. % Rec.	62.50	%	30-130
	2,4,6-Trichlorophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.53	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.76	%	30-130
	Pentachlorophenol	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.54	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.20	%	30-130
	Pyridine	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.77	mg/kg dry wt	
		Lab Fort Blk. % Rec.	46.28	%	
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.29	mg/kg dry wt	
		Lab Fort Blk. % Rec.	77.68	%	40-140
	Acetophenone	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.48	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.58	%	



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LFBLANK-29523	1,2-Dinitrobenzene	Lab Fort Blank Amt.	1.67	mg/kg dry wwt	
		Lab Fort Blk. Found	1.55	mg/kg dry wwt	
		Lab Fort Blk. % Rec.	92.82	%	
	1,3-Dinitrobenzene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	1.38	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.64	%	
	1,4-Dinitrobenzene	Lab Fort Blank Amt.	1.67	mg/kg dry wt	
		Lab Fort Blk. Found	0.89	mg/kg dry wt	
		Lab Fort Blk. % Rec.	53.50	%	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32314	1,2-Dichloroethane-d4	Surrogate Recovery	118.040	%	70-130
	Toluene-d8	Surrogate Recovery	94.240	%	70-130
	Bromofluorobenzene	Surrogate Recovery	95.080	%	70-130
BLANK-56122	Acetone	Blank	<0.100	mg/kg	
	Benzene	Blank	<0.001	mg/kg	
	Carbon Tetrachloride	Blank	<0.001	mg/kg	
	Chloroform	Blank	<0.004	mg/kg	
	1,2-Dichloroethane	Blank	<0.002	mg/kg	
	1,4-Dichlorobenzene	Blank	<0.002	mg/kg	
	Ethyl Benzene	Blank	<0.001	mg/kg	
	2-Butanone (MEK)	Blank	<0.024	mg/kg	
	MIBK	Blank	<0.018	mg/kg	
	Naphthalene	Blank	<0.002	mg/kg	
	Styrene	Blank	<0.001	mg/kg	
	Tetrachloroethylene	Blank	<0.001	mg/kg	
	Toluene	Blank	<0.001	mg/kg	
	1,1,1-Trichloroethane	Blank	<0.002	mg/kg	
	Trichloroethylene	Blank	<0.002	mg/kg	
	Trichlorofluoromethane	Blank	<0.001	mg/kg	
	o-Xylene	Blank	<0.001	mg/kg	
	m + p Xylene	Blank	<0.003	mg/kg	
	1,2-Dichlorobenzene	Blank	<0.002	mg/kg	
	1,3-Dichlorobenzene	Blank	<0.001	mg/kg	
	1,1-Dichloroethane	Blank	<0.001	mg/kg	
	1,1-Dichloroethylene	Blank	<0.001	mg/kg	
	1,4-Dioxane	Blank	<0.100	mg/kg	
	MTBE	Blank	<0.002	mg/kg	
	trans-1,2-Dichloroethylene	Blank	<0.002	mg/kg	
	Vinyl Chloride	Blank	<0.001	mg/kg	
	Methylene Chloride	Blank	<0.030	mg/kg	
	Chlorobenzene	Blank	<0.001	mg/kg	
	Chloromethane	Blank	<0.030	mg/kg	
	Bromomethane	Blank	<0.002	mg/kg	
	Chloroethane	Blank	<0.002	mg/kg	
	cis-1,3-Dichloropropene	Blank	<0.001	mg/kg	
	trans-1,3-Dichloropropene	Blank	<0.001	mg/kg	
	Chlorodibromomethane	Blank	<0.001	mg/kg	
	1,1,2-Trichloroethane	Blank	<0.001	mg/kg	
	2-Chloroethylvinylether	Blank	<0.019	mg/kg	
	Bromoform	Blank	<0.002	mg/kg	
	1,1,2,2-Tetrachloroethane	Blank	<0.003	mg/kg	
	2-Chlorotoluene	Blank	<0.001	mg/kg	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-56122	Hexachlorobutadiene	Blank	<0.003	mg/kg	
	Isopropylbenzene	Blank	<0.001	mg/kg	
	p-Isopropyltoluene	Blank	<0.001	mg/kg	
	n-Propylbenzene	Blank	<0.002	mg/kg	
	sec-Butylbenzene	Blank	<0.001	mg/kg	
	tert-Butylbenzene	Blank	<0.002	mg/kg	
	1,2,3-Trichlorobenzene	Blank	<0.001	mg/kg	
	1,2,4-Trichlorobenzene	Blank	<0.001	mg/kg	
	1,2,4-Trimethylbenzene	Blank	<0.001	mg/kg	
	1,3,5-Trimethylbenzene	Blank	<0.002	mg/kg	
	Dibromomethane	Blank	<0.002	mg/kg	
	cis-1,2-Dichloroethylene	Blank	<0.001	mg/kg	
	4-Chlorotoluene	Blank	<0.001	mg/kg	
	1,1-Dichloropropene	Blank	<0.003	mg/kg	
	1,2-Dichloropropane	Blank	<0.001	mg/kg	
	1,3-Dichloropropane	Blank	<0.001	mg/kg	
	2,2-Dichloropropane	Blank	<0.002	mg/kg	
	1,1,1,2-Tetrachloroethane	Blank	<0.001	mg/kg	
	1,2,3-Trichloropropane	Blank	<0.003	mg/kg	
	n-Butylbenzene	Blank	<0.001	mg/kg	
	Dichlorodifluoromethane	Blank	<0.002	mg/kg	
	Bromochloromethane	Blank	<0.001	mg/kg	
	Bromobenzene	Blank	<0.001	mg/kg	
	Iodomethane	Blank	<0.002	mg/kg	
	Acrolein	Blank	<0.040	mg/kg	
	Acrylonitrile	Blank	<0.010	mg/kg	
	Carbon Disulfide	Blank	<0.006	mg/kg	
	Vinyl Acetate	Blank	<0.033	mg/kg	
	2-Hexanone	Blank	<0.019	mg/kg	
	trans-1,4-Dichloro-2-Butene	Blank	<0.004	mg/kg	
	Ethyl Methacrylate	Blank	<0.002	mg/kg	
	cis-1,4-Dichloro-2-Butene	Blank	<0.005	mg/kg	
	Diethyl Ether	Blank	<0.004	mg/kg	
	Bromodichloromethane	Blank	<0.001	mg/kg	
	1,2-Dibromo-3-Chloropropane	Blank	<0.003	mg/kg	
	1,2-Dibromoethane	Blank	<0.001	mg/kg	
	Tetrahydrofuran	Blank	<0.010	mg/kg	
	tert-Butyl Alcohol	Blank	<0.040	mg/kg	
	Diisopropyl Ether	Blank	<0.001	mg/kg	
	tert-Butylethyl Ether	Blank	<0.001	mg/kg	
	tert-Amylmethyl Ether	Blank	<0.001	mg/kg	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32299	1,2-Dichloroethane-d4	Surrogate Recovery	111.680	%	70-130
	Toluene-d8	Surrogate Recovery	90.760	%	70-130
	Bromofluorobenzene	Surrogate Recovery	89.680	%	70-130
03B32300	1,2-Dichloroethane-d4	Surrogate Recovery	119.960	%	70-130
	Toluene-d8	Surrogate Recovery	91.520	%	70-130
	Bromofluorobenzene	Surrogate Recovery	90.960	%	70-130
03B32301	1,2-Dichloroethane-d4	Surrogate Recovery	129.600	%	70-130
	Toluene-d8	Surrogate Recovery	92.240	%	70-130
	Bromofluorobenzene	Surrogate Recovery	100.920	%	70-130
03B32302	Acetone	Sample Amount	<0.048	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	91.350	%	70-130
	Benzene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	
		Matrix Spike % Rec.	86.650	%	70-130
	Carbon Tetrachloride	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	107.700	%	70-130
	Chloroform	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	90.300	%	70-130
	1,2-Dichloroethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	91.350	%	70-130
	1,4-Dichlorobenzene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	
		Matrix Spike % Rec.	79.750	%	70-130
	Ethyl Benzene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	
		Matrix Spike % Rec.	81.800	%	70-130
	2-Butanone (MEK)	Sample Amount	<0.011	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.014	mg/kg dry wt	



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03B32302					
	2-Butanone (MEK)	Matrix Spike % Rec.	71.900	%	70-130
	MIBK	Sample Amount	<0.008	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.023	mg/kg dry wt	
		Matrix Spike % Rec.	120.000	%	70-130
	Naphthalene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.015	mg/kg dry wt.	
		Matrix Spike % Rec.	78.950	%	70-130
	Styrene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.014	mg/kg dry wt	
		Matrix Spike % Rec.	72.650	%	70-130
	Tetrachloroethylene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	
		Matrix Spike % Rec.	78.600	%	70-130
	Toluene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	
		Matrix Spike % Rec.	81.550	%	70-130
	1,1,1-Trichloroethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	89.450	%	70-130
	Trichloroethylene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	
		Matrix Spike % Rec.	79.250	%	70-130
	Trichlorofluoromethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	
		Matrix Spike % Rec.	77.800	%	70-130
	o-Xylene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	
		Matrix Spike % Rec.	83.850	%	70-130
	m + p Xylene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.038	mg/kg dry wt	
		MS Amt Measured	0.031	mg/kg dry wt	
		Matrix Spike % Rec.	80.325	%	70-130
	1,2-Dichlorobenzene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32302	1,2-Dichlorobenzene	MS Amt Measured	0.016	mg/kg dry wt	70-130
		Matrix Spike % Rec.	82.550	%	
	1,3-Dichlorobenzene	Sample Amount	<0.001	mg/kg dry wt	70-130
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	70-130
		Matrix Spike % Rec.	79.000	%	
	1,1-Dichloroethane	Sample Amount	<0.001	mg/kg dry wt	70-130
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	70-130
		Matrix Spike % Rec.	89.450	%	
	1,1-Dichloroethylene	Sample Amount	<0.001	mg/kg dry wt	70-130
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	70-130
		Matrix Spike % Rec.	84.700	%	
	1,4-Dioxane	Sample Amount	<0.048	mg/kg dry wt	70-130
		Matrix Spk Amt Added	0.095	mg/kg dry wt	
		MS Amt Measured	0.111	mg/kg dry wt	70-130
		Matrix Spike % Rec.	117.000	%	
	MTBE	Sample Amount	<0.001	mg/kg dry wt	70-130
		Matrix Spk Amt Added	0.038	mg/kg dry wt	
		MS Amt Measured	0.048	mg/kg dry wt	70-130
		Matrix Spike % Rec.	125.750	%	
	trans-1,2-Dichloroethylene	Sample Amount	<0.001	mg/kg dry wt	70-130
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	70-130
		Matrix Spike % Rec.	88.300	%	
	Vinyl Chloride	Sample Amount	<0.001	mg/kg dry wt	70-130
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	70-130
		Matrix Spike % Rec.	90.300	%	
	Methylene Chloride	Sample Amount	<0.014	mg/kg dry wt	70-130
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.014	mg/kg dry wt	70-130
		Matrix Spike % Rec.	75.950	%	
	Chlorobenzene	Sample Amount	<0.001	mg/kg dry wt	70-130
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	70-130
		Matrix Spike % Rec.	82.900	%	
	Chloromethane	Sample Amount	<0.014	mg/kg dry wt	70-130
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	70-130
		Matrix Spike % Rec.	90.650	%	
	Bromomethane	Sample Amount	<0.001	mg/kg dry wt	



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03B32302					
	Bromomethane	Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	93.000	%	70-130
	Chloroethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	98.350	%	70-130
	cis-1,3-Dichloropropene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.015	mg/kg dry wt	
		Matrix Spike % Rec.	79.400	%	70-130
	trans-1,3-Dichloropropene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	
		Matrix Spike % Rec.	82.800	%	70-130
	Chlorodibromomethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	
		Matrix Spike % Rec.	82.150	%	70-130
	1,1,2-Trichloroethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	
		Matrix Spike % Rec.	85.450	%	70-130
	Bromoform	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	92.200	%	70-130
	1,1,2,2-Tetrachloroethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
		Matrix Spike % Rec.	90.750	%	70-130
	2-Chlorotoluene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.015	mg/kg dry wt.	
		Matrix Spike % Rec.	77.300	%	70-130
	Hexachlorobutadiene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.015	mg/kg dry wt.	
		Matrix Spike % Rec.	80.450	%	70-130
	Isopropylbenzene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.016	mg/kg dry wt.	
		Matrix Spike % Rec.	83.300	%	70-130



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03B32302	p-Isopropyltoluene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.018	mg/kg dry wt.	
		Matrix Spike % Rec.	92.650	%	70-130
	n-Propylbenzene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.015	mg/kg dry wt.	
		Matrix Spike % Rec.	79.500	%	70-130
	sec-Butylbenzene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.018	mg/kg dry wt.	
		Matrix Spike % Rec.	95.570	%	70-130
	tert-Butylbenzene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.023	mg/kg dry wt.	
		Matrix Spike % Rec.	120.600	%	70-130
	1,2,3-Trichlorobenzene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.013	mg/kg dry wt.	
		Matrix Spike % Rec.	70.550	%	70-130
	1,2,4-Trichlorobenzene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.010	mg/kg dry wt.	
		Matrix Spike % Rec.	54.950	%	70-130
	1,2,4-Trimethylbenzene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.017	mg/kg dry wt.	
		Matrix Spike % Rec.	91.750	%	70-130
	1,3,5-Trimethylbenzene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.014	mg/kg dry wt.	
		Matrix Spike % Rec.	74.150	%	70-130
	4-Chlorotoluene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.014	mg/kg dry wt.	
		Matrix Spike % Rec.	72.050	%	70-130
	Dibromomethane	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.016	mg/kg dry wt.	
		Matrix Spike % Rec.	83.100	%	70-130
	cis-1,2-Dichloroethylene	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.019	mg/kg dry wt.	



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03B32302	cis-1,2-Dichloroethylene	Matrix Spike % Rec.	98.750	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.021	mg/kg dry wt.	
	1,1-Dichloropropene	Matrix Spike % Rec.	110.150	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.015	mg/kg dry wt.	
	1,2-Dichloropropane	Matrix Spike % Rec.	81.000	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.018	mg/kg dry wt.	
	1,3-Dichloropropane	Matrix Spike % Rec.	93.300	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.015	mg/kg dry wt.	
	2,2-Dichloropropane	Matrix Spike % Rec.	79.900	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.015	mg/kg dry wt.	
	1,1,1,2-Tetrachloroethane	Matrix Spike % Rec.	81.350	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.015	mg/kg dry wt.	
	1,2,3-Trichloropropane	Matrix Spike % Rec.	116.500	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.022	mg/kg dry wt.	
	n-Butylbenzene	Matrix Spike % Rec.	71.350	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.014	mg/kg dry wt.	
	Dichlorodifluoromethane	Matrix Spike % Rec.	100.800	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.019	mg/kg dry wt.	
	Bromochloromethane	Matrix Spike % Rec.	105.950	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.020	mg/kg dry wt.	
	Bromobenzene	Matrix Spike % Rec.	78.600	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.015	mg/kg dry wt.	
	Iodomethane	Matrix Spike % Rec.	78.600	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32302	Iodomethane	MS Amt Measured	0.028	mg/kg dry wt	
		Matrix Spike % Rec.	146.350	%	
	Acrylonitrile	Sample Amount	<0.005	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
	Carbon Disulfide	Matrix Spike % Rec.	108.200	%	
		Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.038	mg/kg dry wt	
		MS Amt Measured	0.038	mg/kg dry wt	
	2-Hexanone	Matrix Spike % Rec.	98.775	%	70-130
		Sample Amount	<0.009	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.016	mg/kg dry wt	
	trans-1,4-Dichloro-2-Butene	Matrix Spike % Rec.	82.200	%	70-130
		Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
	Ethyl Methacrylate	Matrix Spike % Rec.	59.200	%	
		Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.017	mg/kg dry wt	
	Diethyl Ether	Matrix Spike % Rec.	92.000	%	
		Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.027	mg/kg dry wt	
	Bromodichloromethane	Matrix Spike % Rec.	144.000	%	70-130
		Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.016	mg/kg dry wt.	
	1,2-Dichloroethane-d4	Matrix Spike % Rec.	84.250	%	70-130
		Surrogate Recovery	122.360	%	70-130
	Toluene-d8	Surrogate Recovery	97.040	%	70-130
	Bromofluorobenzene	Surrogate Recovery	101.080	%	70-130
	1,2-Dibromo-3-Chloropropane	Sample Amount	<0.002	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.021	mg/kg dry wt.	
		Matrix Spike % Rec.	109.400	%	70-130
	1,2-Dibromoethane	Sample Amount	<0.001	mg/kg dry wt.	
		Matrix Spk Amt Added	0.019	mg/kg dry wt.	
		MS Amt Measured	0.018	mg/kg dry wt.	
		Matrix Spike % Rec.	92.500	%	70-130
	Tetrahydrofuran	Sample Amount	<0.005	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	



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03B32302	Tetrahydrofuran	MS Amt Measured	0.026	mg/kg dry wt	
		Matrix Spike % Rec.	137.400	%	70-130
	tert-Butyl Alcohol	Sample Amount	<0.019	mg/kg dry wt	
		Matrix Spk Amt Added	0.095	mg/kg dry wt	
		MS Amt Measured	0.117	mg/kg dry wt	
		Matrix Spike % Rec.	123.000	%	
	Diisopropyl Ether	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.018	mg/kg dry wt	
		Matrix Spike % Rec.	95.250	%	70-130
	tert-Butylethyl Ether	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	106.700	%	70-130
	tert-Amylmethyl Ether	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.019	mg/kg dry wt	
		MS Amt Measured	0.020	mg/kg dry wt	
		Matrix Spike % Rec.	103.700	%	70-130
03B32303	1,2-Dichloroethane-d4	Surrogate Recovery	122.040	%	70-130
	Toluene-d8	Surrogate Recovery	90.440	%	70-130
	Bromofluorobenzene	Surrogate Recovery	88.360	%	70-130
03B32304	1,2-Dichloroethane-d4	Surrogate Recovery	102.400	%	70-130
	Toluene-d8	Surrogate Recovery	92.840	%	70-130
	Bromofluorobenzene	Surrogate Recovery	93.840	%	70-130
03B32305	1,2-Dichloroethane-d4	Surrogate Recovery	123.800	%	70-130
	Toluene-d8	Surrogate Recovery	91.400	%	70-130
	Bromofluorobenzene	Surrogate Recovery	79.080	%	70-130
03B32306	1,2-Dichloroethane-d4	Surrogate Recovery	108.760	%	70-130
	Toluene-d8	Surrogate Recovery	96.720	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.360	%	70-130
03B32307	1,2-Dichloroethane-d4	Surrogate Recovery	127.640	%	70-130
	Toluene-d8	Surrogate Recovery	93.560	%	70-130
	Bromofluorobenzene	Surrogate Recovery	78.160	%	70-130
03B32308	1,2-Dichloroethane-d4	Surrogate Recovery	111.080	%	70-130
	Toluene-d8	Surrogate Recovery	97.280	%	70-130
	Bromofluorobenzene	Surrogate Recovery	99.840	%	70-130
03B32309					



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03B32309	1,2-Dichloroethane-d4	Surrogate Recovery	105.880	%	70-130
	Toluene-d8	Surrogate Recovery	95.360	%	70-130
	Bromofluorobenzene	Surrogate Recovery	94.280	%	70-130
03B32310	1,2-Dichloroethane-d4	Surrogate Recovery	100.440	%	70-130
	Toluene-d8	Surrogate Recovery	93.000	%	70-130
	Bromofluorobenzene	Surrogate Recovery	89.800	%	70-130
03B32311	1,2-Dichloroethane-d4	Surrogate Recovery	126.280	%	70-130
	Toluene-d8	Surrogate Recovery	93.720	%	70-130
	Bromofluorobenzene	Surrogate Recovery	82.960	%	70-130
03B32312	1,2-Dichloroethane-d4	Surrogate Recovery	125.240	%	70-130
	Toluene-d8	Surrogate Recovery	98.080	%	70-130
	Bromofluorobenzene	Surrogate Recovery	97.720	%	70-130
03B32313	1,2-Dichloroethane-d4	Surrogate Recovery	126.240	%	70-130
	Toluene-d8	Surrogate Recovery	96.160	%	70-130
	Bromofluorobenzene	Surrogate Recovery	88.160	%	70-130
BLANK-56164	Acetone	Blank	<0.100	mg/kg dry wt	
	Benzene	Blank	<0.001	mg/kg dry wt	
	Carbon Tetrachloride	Blank	<0.002	mg/kg dry wt	
	Chloroform	Blank	<0.004	mg/kg dry wt	
	1,2-Dichloroethane	Blank	<0.002	mg/kg dry wt	
	1,4-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	Ethyl Benzene	Blank	<0.001	mg/kg dry wt	
	2-Butanone (MEK)	Blank	<0.024	mg/kg dry wt	
	MIBK	Blank	<0.018	mg/kg dry wt	
	Naphthalene	Blank	<0.002	mg/kg dry wt	
	Styrene	Blank	<0.001	mg/kg dry wt	
	Tetrachloroethylene	Blank	<0.002	mg/kg dry wt	
	Toluene	Blank	<0.001	mg/kg dry wt	
	1,1,1-Trichloroethane	Blank	<0.002	mg/kg dry wt	
	Trichloroethylene	Blank	<0.002	mg/kg dry wt	
	Trichlorofluoromethane	Blank	<0.001	mg/kg dry wt	
	o-Xylene	Blank	<0.002	mg/kg dry wt	
	m + p Xylene	Blank	<0.003	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,3-Dichlorobenzene	Blank	<0.001	mg/kg dry wt	
	1,1-Dichloroethane	Blank	<0.001	mg/kg dry wt	
	1,1-Dichloroethylene	Blank	<0.001	mg/kg dry wt	
	1,4-Dioxane	Blank	<0.100	mg/kg dry wt	



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BLANK-56164					
	MTBE	Blank	<0.002	mg/kg dry wt	
	trans-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt	
	Vinyl Chloride	Blank	<0.002	mg/kg dry wt	
	Methylene Chloride	Blank	<0.030	mg/kg dry wt	
	Chlorobenzene	Blank	<0.001	mg/kg dry wt	
	Chloromethane	Blank	<0.030	mg/kg dry wt	
	Bromomethane	Blank	<0.002	mg/kg dry wt	
	Chloroethane	Blank	<0.002	mg/kg dry wt	
	cis-1,3-Dichloropropene	Blank	<0.002	mg/kg dry wt	
	trans-1,3-Dichloropropene	Blank	<0.001	mg/kg dry wt	
	Chlorodibromomethane	Blank	<0.002	mg/kg dry wt	
	1,1,2-Trichloroethane	Blank	<0.001	mg/kg dry wt	
	2-Chloroethylvinylether	Blank	<0.019	mg/kg dry wt	
	Bromoform	Blank	<0.002	mg/kg dry wt	
	1,1,2,2-Tetrachloroethane	Blank	<0.003	mg/kg dry wt	
	2-Chlorotoluene	Blank	<0.001	mg/kg dry wt.	
	Hexachlorobutadiene	Blank	<0.003	mg/kg dry wt.	
	Isopropylbenzene	Blank	<0.001	mg/kg dry wt.	
	p-Isopropyltoluene	Blank	<0.001	mg/kg dry wt.	
	n-Propylbenzene	Blank	<0.002	mg/kg dry wt.	
	sec-Butylbenzene	Blank	<0.001	mg/kg dry wt.	
	tert-Butylbenzene	Blank	<0.002	mg/kg dry wt.	
	1,2,3-Trichlorobenzene	Blank	<0.001	mg/kg dry wt.	
	1,2,4-Trichlorobenzene	Blank	<0.001	mg/kg dry wt.	
	1,2,4-Trimethylbenzene	Blank	<0.002	mg/kg dry wt.	
	1,3,5-Trimethylbenzene	Blank	<0.002	mg/kg dry wt.	
	4-Chlorotoluene	Blank	<0.001	mg/kg dry wt.	
	Dibromomethane	Blank	<0.002	mg/kg dry wt	
	cis-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt.	
	1,1-Dichloropropene	Blank	<0.003	mg/kg dry wt.	
	1,2-Dichloropropane	Blank	<0.001	mg/kg dry wt	
	1,3-Dichloropropane	Blank	<0.002	mg/kg dry wt.	
	2,2-Dichloropropane	Blank	<0.002	mg/kg dry wt.	
	1,1,1,2-Tetrachloroethane	Blank	<0.002	mg/kg dry wt	
	1,2,3-Trichloropropane	Blank	<0.003	mg/kg dry wt	
	n-Butylbenzene	Blank	<0.001	mg/kg dry wt.	
	Dichlorodifluoromethane	Blank	<0.002	mg/kg dry wt	
	Bromochloromethane	Blank	<0.002	mg/kg dry wt.	
	Bromobenzene	Blank	<0.002	mg/kg dry wt.	
	Iodomethane	Blank	<0.002	mg/kg dry wt	
	Acrolein	Blank	<0.040	mg/kg dry wt	
	Acrylonitrile	Blank	<0.010	mg/kg dry wt	
	Carbon Disulfide	Blank	<0.006	mg/kg dry wt	



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BLANK-56164	Vinyl Acetate	Blank	<0.033	mg/kg dry wt	
	2-Hexanone	Blank	<0.019	mg/kg dry wt	
	trans-1,4-Dichloro-2-Butene	Blank	<0.004	mg/kg dry wt	
	Ethyl Methacrylate	Blank	<0.002	mg/kg dry wt	
	cis-1,4-Dichloro-2-Butene	Blank	<0.005	mg/kg dry wt	
	Diethyl Ether	Blank	<0.004	mg/kg dry wt	
	Bromodichloromethane	Blank	<0.002	mg/kg dry wt.	
	1,2-Dibromo-3-Chloropropane	Blank	<0.003	mg/kg dry wt.	
	1,2-Dibromoethane	Blank	<0.001	mg/kg dry wt.	
	Tetrahydrofuran	Blank	<0.010	mg/kg dry wt	
	tert-Butyl Alcohol	Blank	<0.040	mg/kg dry wt	
	Diisopropyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Butylethyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Amylmethyl Ether	Blank	<0.001	mg/kg dry wt	
LFBLANK-29491	Acetone	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.550	%	50-155
	Benzene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.600	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.038	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.350	%	70-130
	Chloroform	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.038	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.500	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.035	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.500	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.044	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.950	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.043	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.150	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.034	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.800	%	50-155
	MIBK	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.044	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.350	%	50-155
	Naphthalene	Lab Fort Blank Amt.	0.040	mg/kg dry wt.	



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LFBLANK-29491	Naphthalene	Lab Fort Blk. Found	0.045	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	113.400	%	70-130
	Styrene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.043	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.950	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.051	mg/kg dry wt	
		Lab Fort Blk. % Rec.	126.300	%	70-130
	Toluene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.600	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.800	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.036	mg/kg dry wt	
		Lab Fort Blk. % Rec.	90.050	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.028	mg/kg dry wt	
		Lab Fort Blk. % Rec.	70.800	%	50-155
	o-Xylene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.043	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.000	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	0.080	mg/kg dry wt	
		Lab Fort Blk. Found	0.085	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.225	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.043	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.800	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.045	mg/kg dry wt	
		Lab Fort Blk. % Rec.	111.900	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.040	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.900	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.035	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.500	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.304	mg/kg dry wt	
		Lab Fort Blk. % Rec.	152.110	%	
	MTBE	Lab Fort Blank Amt.	0.080	mg/kg dry wt	
		Lab Fort Blk. Found	0.087	mg/kg dry wt	



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LFBLANK-29491	MTBE	Lab Fort Blk. % Rec.	109.000	%	50-155
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.035	mg/kg dry wt	
	trans-1,2-Dichloroethylene	Lab Fort Blk. % Rec.	88.700	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.032	mg/kg dry wt	
	Vinyl Chloride	Lab Fort Blk. % Rec.	78.900	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.034	mg/kg dry wt	
	Methylene Chloride	Lab Fort Blk. % Rec.	83.950	%	50-155
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.041	mg/kg dry wt	
	Chlorobenzene	Lab Fort Blk. % Rec.	102.400	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.037	mg/kg dry wt	
	Chloromethane	Lab Fort Blk. % Rec.	92.450	%	50-155
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.043	mg/kg dry wt	
	Bromomethane	Lab Fort Blk. % Rec.	106.850	%	50-155
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.036	mg/kg dry wt	
	Chloroethane	Lab Fort Blk. % Rec.	90.850	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.039	mg/kg dry wt	
	cis-1,3-Dichloropropene	Lab Fort Blk. % Rec.	97.250	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.040	mg/kg dry wt	
	trans-1,3-Dichloropropene	Lab Fort Blk. % Rec.	101.100	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.037	mg/kg dry wt	
	Chlorodibromomethane	Lab Fort Blk. % Rec.	93.150	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.035	mg/kg dry wt	
	1,1,2-Trichloroethane	Lab Fort Blk. % Rec.	86.900	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.040	mg/kg dry wt	
	Bromoform	Lab Fort Blk. % Rec.	100.950	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.037	mg/kg dry wt	
	1,1,2,2-Tetrachloroethane	Lab Fort Blk. % Rec.	93.000	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.042	mg/kg dry wt	
	2-Chlorotoluene	Lab Fort Blk. % Rec.	105.550	%	70-130
		Lab Fort Blank Amt.			
		Lab Fort Blk. Found			



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-29491					
Hexachlorobutadiene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.026	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	65.200	%	50-155
Isopropylbenzene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.044	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	110.450	%	70-130
p-Isopropyltoluene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.047	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	118.000	%	70-130
n-Propylbenzene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.044	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	110.050	%	70-130
sec-Butylbenzene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.049	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	122.950	%	70-130
tert-Butylbenzene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.050	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	125.000	%	50-155
1,2,3-Trichlorobenzene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.050	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	125.450	%	70-130
1,2,4-Trichlorobenzene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.047	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	118.250	%	70-130
1,2,4-Trimethylbenzene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.046	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	114.000	%	70-130
1,3,5-Trimethylbenzene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.041	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	102.950	%	70-130
4-Chlorotoluene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.042	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	104.650	%	70-130
Dibromomethane		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.036	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	89.950	%	70-130
cis-1,2-Dichloroethylene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.036	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	89.600	%	70-130
1,1-Dichloropropene		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.044	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	110.650	%	70-130
1,2-Dichloropropane		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	



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LFBLANK-29491	1,2-Dichloropropane	Lab Fort Blk. Found	0.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.400	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.038	mg/kg dry wt.	
	2,2-Dichloropropane	Lab Fort Blk. % Rec.	94.150	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
	1,1,1,2-Tetrachloroethane	Lab Fort Blk. Found	0.041	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	103.450	%	50-155
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
	1,2,3-Trichloropropane	Lab Fort Blk. Found	0.040	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.700	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
	n-Butylbenzene	Lab Fort Blk. Found	0.036	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.700	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
	Dichlorodifluoromethane	Lab Fort Blk. Found	0.040	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	99.650	%	50-155
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
	Bromochloromethane	Lab Fort Blk. Found	0.029	mg/kg dry wt	
		Lab Fort Blk. % Rec.	71.650	%	50-155
		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
	Bromobenzene	Lab Fort Blk. Found	0.038	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	95.650	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
	Iodomethane	Lab Fort Blk. Found	0.042	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	104.400	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
	Acrylonitrile	Lab Fort Blk. Found	0.051	mg/kg dry wt	
		Lab Fort Blk. % Rec.	127.150	%	
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
	Carbon Disulfide	Lab Fort Blk. Found	0.058	mg/kg dry wt	
		Lab Fort Blk. % Rec.	145.050	%	
		Lab Fort Blank Amt.	0.080	mg/kg dry wt	
	2-Hexanone	Lab Fort Blk. Found	0.086	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.925	%	70-130
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
	trans-1,4-Dichloro-2-Butene	Lab Fort Blk. Found	0.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.400	%	50-155
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
	Ethyl Methacrylate	Lab Fort Blk. Found	0.025	mg/kg dry wt	
		Lab Fort Blk. % Rec.	63.450	%	
		Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.037	mg/kg dry wt	



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LFBLANK-29491					
	Ethyl Methacrylate	Lab Fort Blk. % Rec.	93.200	%	
	Diethyl Ether	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.052	mg/kg dry wt	
		Lab Fort Blk. % Rec.	130.550	%	50-155
	Bromodichloromethane	Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.039	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	97.400	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.044	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	109.750	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	0.040	mg/kg dry wt.	
		Lab Fort Blk. Found	0.037	mg/kg dry wt.	
		Lab Fort Blk. % Rec.	93.150	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.060	mg/kg dry wt	
		Lab Fort Blk. % Rec.	149.800	%	50-155
	tert-Butyl Alcohol	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.154	mg/kg dry wt	
		Lab Fort Blk. % Rec.	76.850	%	
	Diisopropyl Ether	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.041	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.400	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.041	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.000	%	70-130
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.042	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.950	%	70-130



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QC Batch Number: HG-4002

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32252	Mercury	Sample Amount	0.012	mg/kg dry wt.	
		Duplicate Value	0.011	mg/kg dry wt.	
		Duplicate RPD	4.219	%	0-35
03B32263	Mercury	Sample Amount	0.006	mg/kg dry wt.	
		Matrix Spk Amt Added	0.193	mg/kg dry wt.	
		MS Amt Measured	0.208	mg/kg dry wt.	
		Matrix Spike % Rec.	104.529	%	75-125
03B32273	Mercury	Sample Amount	0.010	mg/kg dry wt.	
		Matrix Spk Amt Added	0.365	mg/kg dry wt.	
		MS Amt Measured	0.382	mg/kg dry wt.	
		Matrix Spike % Rec.	101.819	%	75-125
BLANK-56139	Mercury				
		Blank	<0.010	mg/kg dry wt.	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32252	Silver	Sample Amount	<1.05	mg/kg dry wt.	
		Matrix Spk Amt Added	105.23	mg/kg dry wt.	
		MS Amt Measured	106.17	mg/kg dry wt.	
		Matrix Spike % Rec.	100.90	%	
	Arsenic	Sample Amount	<5.26	mg/kg dry wt.	
		Matrix Spk Amt Added	105.23	mg/kg dry wt.	
		MS Amt Measured	104.33	mg/kg dry wt.	
		Matrix Spike % Rec.	99.15	%	70-130
	Barium	Sample Amount	11.28	mg/kg dry wt.	
		Duplicate Value	14.55	mg/kg dry wt.	
		Duplicate RPD	25.34	%	0-50
		Sample Amount	11.28	mg/kg dry wt.	
	Cadmium	Matrix Spk Amt Added	105.23	mg/kg dry wt.	
		MS Amt Measured	124.48	mg/kg dry wt.	
		Matrix Spike % Rec.	107.58	%	70-130
		Sample Amount	<0.26	mg/kg dry wt.	
	Chromium	Matrix Spk Amt Added	105.23	mg/kg dry wt.	
		MS Amt Measured	103.23	mg/kg dry wt.	
		Matrix Spike % Rec.	98.10	%	70-130
		Sample Amount	5.74	mg/kg dry wt.	
	Copper	Duplicate Value	6.53	mg/kg dry wt.	
		Duplicate RPD	12.86	%	0-50
		Sample Amount	5.74	mg/kg dry wt.	
		Matrix Spk Amt Added	105.23	mg/kg dry wt.	
	Nickel	MS Amt Measured	112.91	mg/kg dry wt.	
		Matrix Spike % Rec.	101.84	%	70-130
		Sample Amount	2.82	mg/kg dry wt.	
		Duplicate Value	3.48	mg/kg dry wt.	
	Lead	Duplicate RPD	20.89	%	0-50
		Sample Amount	2.82	mg/kg dry wt.	
		Matrix Spk Amt Added	105.23	mg/kg dry wt.	
		MS Amt Measured	113.12	mg/kg dry wt.	
		Matrix Spike % Rec.	104.82	%	70-130
		Sample Amount	4.40	mg/kg dry wt.	
		Duplicate Value	3.88	mg/kg dry wt.	
		Duplicate RPD	12.71	%	0-50
		Sample Amount	4.40	mg/kg dry wt.	
		Matrix Spk Amt Added	105.23	mg/kg dry wt.	
		MS Amt Measured	111.22	mg/kg dry wt.	
		Matrix Spike % Rec.	101.52	%	70-130
		Sample Amount	3.89	mg/kg dry wt.	
		Duplicate Value	4.79	mg/kg dry wt.	
		Duplicate RPD	20.71	%	0-50



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32252	Lead	Sample Amount	3.89	mg/kg dry wt.	
		Matrix Spk Amt Added	105.23	mg/kg dry wt.	
		MS Amt Measured	110.17	mg/kg dry wt.	
		Matrix Spike % Rec.	101.00	%	70-130
	Selenium	Sample Amount	<5.26	mg/kg dry wt.	
		Matrix Spk Amt Added	105.23	mg/kg dry wt.	
		MS Amt Measured	99.91	mg/kg dry wt.	
		Matrix Spike % Rec.	94.95	%	70-130
	Zinc	Sample Amount	6.84	mg/kg dry wt.	
		Duplicate Value	7.08	mg/kg dry wt.	
		Duplicate RPD	3.40	%	0-50
		Sample Amount	6.84	mg/kg dry wt.	
03B32263	Silver	Matrix Spk Amt Added	105.23	mg/kg dry wt.	
		MS Amt Measured	110.75	mg/kg dry wt.	
		Matrix Spike % Rec.	98.74	%	70-130
	Arsenic	Sample Amount	<1.07	mg/kg dry wt.	
		Matrix Spk Amt Added	106.67	mg/kg dry wt.	
		MS Amt Measured	104.36	mg/kg dry wt.	
		Matrix Spike % Rec.	97.84	%	
	Barium	Sample Amount	<5.33	mg/kg dry wt.	
		Matrix Spk Amt Added	106.67	mg/kg dry wt.	
		MS Amt Measured	108.21	mg/kg dry wt.	
		Matrix Spike % Rec.	101.45	%	70-130
	Cadmium	Sample Amount	8.46	mg/kg dry wt.	
		Duplicate Value	8.43	mg/kg dry wt.	
		Duplicate RPD	0.44	%	0-50
		Sample Amount	8.46	mg/kg dry wt.	
	Chromium	Matrix Spk Amt Added	106.67	mg/kg dry wt.	
		MS Amt Measured	113.87	mg/kg dry wt.	
		Matrix Spike % Rec.	98.81	%	70-130
	Copper	Sample Amount	<0.27	mg/kg dry wt.	
		Matrix Spk Amt Added	106.67	mg/kg dry wt.	
		MS Amt Measured	102.29	mg/kg dry wt.	
		Matrix Spike % Rec.	95.90	%	70-130
	Copper	Sample Amount	4.46	mg/kg dry wt.	
		Duplicate Value	4.11	mg/kg dry wt.	
		Duplicate RPD	8.34	%	0-50
		Sample Amount	4.46	mg/kg dry wt.	
	Copper	Matrix Spk Amt Added	106.67	mg/kg dry wt.	
		MS Amt Measured	108.80	mg/kg dry wt.	
		Matrix Spike % Rec.	97.82	%	70-130
		Sample Amount	4.43	mg/kg dry wt.	



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03B32263	Copper	Duplicate Value	4.18	mg/kg dry wt.	
		Duplicate RPD	5.95	%	0-50
		Sample Amount	4.43	mg/kg dry wt.	
		Matrix Spk Amt Added	106.67	mg/kg dry wt.	
		MS Amt Measured	111.68	mg/kg dry wt.	
		Matrix Spike % Rec.	100.54	%	70-130
	Nickel	Sample Amount	46.92	mg/kg dry wt.	
		Duplicate Value	45.03	mg/kg dry wt.	
		Duplicate RPD	4.12	%	0-50
		Sample Amount	46.92	mg/kg dry wt.	
		Matrix Spk Amt Added	106.67	mg/kg dry wt.	
		MS Amt Measured	153.60	mg/kg dry wt.	
	Lead	Matrix Spike % Rec.	100.01	%	70-130
		Sample Amount	4.81	mg/kg dry wt.	
		Duplicate Value	4.31	mg/kg dry wt.	
		Duplicate RPD	10.87	%	0-50
		Sample Amount	4.81	mg/kg dry wt.	
		Matrix Spk Amt Added	106.67	mg/kg dry wt.	
	Selenium	MS Amt Measured	105.49	mg/kg dry wt.	
		Matrix Spike % Rec.	94.39	%	70-130
		Sample Amount	<5.33	mg/kg dry wt.	
		Matrix Spk Amt Added	106.67	mg/kg dry wt.	
		MS Amt Measured	100.37	mg/kg dry wt.	
		Matrix Spike % Rec.	94.10	%	70-130
	Zinc	Sample Amount	8.66	mg/kg dry wt.	
		Duplicate Value	8.55	mg/kg dry wt.	
		Duplicate RPD	1.18	%	0-50
		Sample Amount	8.66	mg/kg dry wt.	
		Matrix Spk Amt Added	106.67	mg/kg dry wt.	
		MS Amt Measured	111.52	mg/kg dry wt.	
03B32273	Silver	Matrix Spike % Rec.	96.43	%	70-130
		Sample Amount	<1.07	mg/kg dry wt.	
		Matrix Spk Amt Added	106.85	mg/kg dry wt.	
		MS Amt Measured	104.02	mg/kg dry wt.	
	Arsenic	Matrix Spike % Rec.	97.35	%	
		Sample Amount	<5.34	mg/kg dry wt.	
		Matrix Spk Amt Added	106.85	mg/kg dry wt.	
		MS Amt Measured	105.36	mg/kg dry wt.	
	Barium	Matrix Spike % Rec.	98.60	%	70-130
		Sample Amount	8.29	mg/kg dry wt.	
		Duplicate Value	8.84	mg/kg dry wt.	
		Duplicate RPD	6.49	%	0-50



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03B32273	Barium	Sample Amount	8.29	mg/kg dry wt.	
		Matrix Spk Amt Added	106.85	mg/kg dry wt.	
		MS Amt Measured	120.69	mg/kg dry wt.	
		Matrix Spike % Rec.	105.20	%	70-130
	Cadmium	Sample Amount	<0.27	mg/kg dry wt.	
		Matrix Spk Amt Added	106.85	mg/kg dry wt.	
		MS Amt Measured	100.87	mg/kg dry wt.	
		Matrix Spike % Rec.	94.40	%	70-130
	Chromium	Sample Amount	4.45	mg/kg dry wt.	
		Duplicate Value	4.51	mg/kg dry wt.	
		Duplicate RPD	1.31	%	0-50
		Sample Amount	4.45	mg/kg dry wt.	
	Copper	Matrix Spk Amt Added	106.85	mg/kg dry wt.	
		MS Amt Measured	111.40	mg/kg dry wt.	
		Matrix Spike % Rec.	100.08	%	70-130
		Sample Amount	4.37	mg/kg dry wt.	
	Nickel	Duplicate Value	5.11	mg/kg dry wt.	
		Duplicate RPD	15.56	%	0-50
		Sample Amount	4.37	mg/kg dry wt.	
		Matrix Spk Amt Added	106.85	mg/kg dry wt.	
	Lead	MS Amt Measured	113.32	mg/kg dry wt.	
		Matrix Spike % Rec.	101.96	%	70-130
		Sample Amount	2.32	mg/kg dry wt.	
		Duplicate Value	2.28	mg/kg dry wt.	
	Selenium	Duplicate RPD	2.09	%	0-50
		Sample Amount	2.32	mg/kg dry wt.	
		Matrix Spk Amt Added	106.85	mg/kg dry wt.	
		MS Amt Measured	106.96	mg/kg dry wt.	
	Zinc	Matrix Spike % Rec.	97.93	%	70-130
		Sample Amount	4.67	mg/kg dry wt.	
		Duplicate Value	4.69	mg/kg dry wt.	
		Duplicate RPD	0.46	%	0-50
		Sample Amount	4.67	mg/kg dry wt.	
		Matrix Spk Amt Added	106.85	mg/kg dry wt.	
		MS Amt Measured	106.16	mg/kg dry wt.	
		Matrix Spike % Rec.	94.98	%	70-130
		Sample Amount	<5.34	mg/kg dry wt.	
		Matrix Spk Amt Added	106.85	mg/kg dry wt.	
		MS Amt Measured	96.38	mg/kg dry wt.	
		Matrix Spike % Rec.	90.20	%	70-130
		Sample Amount	6.92	mg/kg dry wt.	
		Duplicate Value	7.45	mg/kg dry wt.	
		Duplicate RPD	7.36	%	0-50



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 12/18/2003

Lims Bat #: lims-75705

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QC Batch Number: ICP-9134

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B32273	Zinc	Sample Amount	6.92	mg/kg dry wt.	
		Matrix Spk Amt Added	106.85	mg/kg dry wt.	
		MS Amt Measured	111.02	mg/kg dry wt.	
		Matrix Spike % Rec.	97.42	%	70-130
BLANK-56170	Silver	Blank	<1.00	mg/kg dry wt.	
	Arsenic	Blank	<5.00	mg/kg dry wt.	
	Barium	Blank	<0.10	mg/kg dry wt.	
	Cadmium	Blank	<0.25	mg/kg dry wt.	
	Chromium	Blank	<0.35	mg/kg dry wt.	
	Copper	Blank	<2.50	mg/kg dry wt.	
	Nickel	Blank	<0.25	mg/kg dry wt.	
	Lead	Blank	<2.50	mg/kg dry wt.	
	Selenium	Blank	<5.00	mg/kg dry wt.	
	Zinc	Blank	<1.00	mg/kg dry wt.	



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 12/18/2003

Lims Bat #: lims-75705

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NOTES:

QC Batch No. : GCMS/SEMI-5345

Sample ID : 03B32280

Analysis : 2-Fluorophenol

SURROGATE RECOVERY OUTSIDE OF CON-TEST CONTROL LIMITS, BUT WITHIN METHOD REQUIREMENTS.

QC Batch No. : GCMS/SEMI-5345

Sample ID : 03B32285

Analysis : 2-Fluorophenol

SURROGATE RECOVERY OUTSIDE OF CON-TEST CONTROL LIMITS, BUT WITHIN METHOD REQUIREMENTS.

QC Batch No. : GCMS/SEMI-5346

Sample ID : 03B32286

Analysis : 2-Fluorophenol

SURROGATE RECOVERY OUTSIDE OF CON-TEST CONTROL LIMITS, BUT WITHIN METHOD REQUIREMENTS.

QC Batch No. : GCMS/SEMI-5346

Sample ID : 03B32296

Analysis : Nitrobenzene-d5

SURROGATE RECOVERY OUTSIDE OF CON-TEST CONTROL LIMITS, BUT WITHIN METHOD REQUIREMENTS.

QC Batch No. : GCMS/SEMI-5346

Sample ID : 03B32297

Analysis : 2,4,6-Tribromophenol

SURROGATE RECOVERY OUTSIDE OF CON-TEST CONTROL LIMITS, BUT WITHIN METHOD REQUIREMENTS.

QC Batch No. : GCMS/SEMI-5346

Sample ID : 03B32298

Analysis : Nitrobenzene-d5

SURROGATE RECOVERY OUTSIDE OF CON-TEST CONTROL LIMITS, BUT WITHIN METHOD REQUIREMENTS.

QC Batch No. : GCMS/VOL-9215

Sample ID : 03B32302

Analysis : 1,2,4-Trichlorobenzene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED AND IS LIKELY.



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 12/18/2003

Lims Bat #: lims-75705

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QC Batch No.: GCMS/VOL-9215

Sample ID: 03B32302

Analysis: Diethyl Ether

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

QC Batch No.: GCMS/VOL-9215

Sample ID: 03B32302

Analysis: Tetrahydrofuran

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 12/18/2003

Lims Bat #: lims-75705

Page 58 of 58

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken through all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries



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UTAH OF U.S. ENVIRONMENTAL PROTECTION AGENCY
#75705

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: GEC
Address: 60 Becker Dr
Bearthorpe, MA 02451

Telephone: (781) 356-9140
Project # 444-4084
Client PO # _____

Attention: R Krivens

Project Location: Neys York

Sampled By: RK

Proposal Provided? (For Billing purposes)
☐ yes ☒ no

proposal date _____

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # : _____
Email: Kravisgoldman@environmentalprotection.gov
Format: ☐ EXCEL ☒ PDF ☐ GIS KEY

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp. osite	Grab	Matrix Code	Analysis Requested	# of containers
L2/L3 (0.15) (0.12)	Soil (0.12)	32243	12/1	19:50					
L2/L3 (0.15) (0.12)	"	32244	12/1	20:00					
L2/L3 (0.15) (0.12)	"	32245	12/2	21:50					
L2/L3 (0.15) (0.12)	"	32246	12/2	22:00					
L2/L3 (0.15) (0.12)	"	32247	12/2	21:20					
L2/L3 (0.15) (0.12)	"	32248	12/2	21:35					
L2/L3 (0.15) (0.12)	"	32249	12/3	19:45					
L2/L3 (0.15) (0.12)	"	32250	12/3	20:00					
L2/L3 (0.15) (0.12)	"	32251	12/4	18:00					
L2/L3 (0.15) (0.12)	"	32252	12/4	18:30					
Relinquished by: (signature) _____ Date/Time: 1/3/8 1:30P									
Received by: (signature) _____ Date/Time: 12/8/13 13:00									
Relinquished by: (signature) _____ Date/Time: 12/8/03 17:00									
Received by: (signature) _____ Date/Time: 12/8/03 17:00									

Comments: _____

Turnaround
☐ 24 Hour*
☐ 48 Hour*
☐ 72 Hour*
☒ Std.
☐ Other**

Detection Limit Requirements
Regulations? _____
Data Enhancement Project? ☐ Y ☒ N
(MA MCP sites only)
Special Requirements or DL's: _____

Matrix Code:
GW = groundwater
WW = wastewater
DW = drinking water
A = air
S = soil/solid
SL = sludge
O = other

**Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other

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CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Date: 6-16-16

Company Name: GEC

Address: 60 Brooks Dr.

Attention: E Kravets

Project Location: Janes

Sampled By: E Kravets

Proposal Provided? (For Billing purposes)

☐ yes ☐ no

proposal date

Telephone: (781) 356-9140
Project # 444-4084
Client PO #

DATA DELIVERY (check one):

☒ FAX ☐ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: Ekravets@pdmenvironment.com

Format: ☐ EXCEL ☒ PDF ☐ GIS KEY

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp. osite	Grab	Matrix Code	ANALYSIS REQUESTED	# of containers
13	(30-50) (4-8)	32253	12/17	23:45	X				
15	(30-50) (3-12)	32254	12/17	23:50					
16	(15-10) (0-4)	32255	12/17	20:35					
17	(15-10) (8-12)	32256	12/17	20:55					
18	(10-10) (4-8)	52257	12/17	20:20					
19	(10-10) (8-12)	52258	12/17	20:40					
20	(10-30) (4-8)	52259	12/17	21:15					
21	(10-30) (8-12)	52260	12/17	21:20					
22	(20-10) (4-8)	32261	12/17	20:45					
23	(20-10) (8-12)	32262	12/17	20:50					
Relinquished by: (signature) <i>[Signature]</i> Date/Time: 12/18 1:500									
Received by: (signature) <i>[Signature]</i> Date/Time: 12/18 1:300									
Relinquished by: (signature) <i>[Signature]</i> Date/Time: 12/18 1:300									
Received by: (signature) <i>[Signature]</i> Date/Time: 12/18 1:300									

Turnaround

☐ 24 Hour*

☐ 48 Hour*

☐ 72 Hour*

☒ Std.

☐ Other**

Detection Limit Requirements

Regulations? ☐

Data Enhancement Project? ☐ Y ☐ N

(MA MCP sites only)

Special Requirements or DL's: ☐

Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

Preservation Codes:

I = Iced

H = HCL

M = Methanol

S = Sulfuric Acid

B = Sodium bisulfate

O = Other

X = Na hydroxide

T = Na thiosulfate

Comments:

RCRA 8, etc



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CHAIN OF CUSTODY RECORD

Site # 75705

39 SPRUCE ST., 2ND FLOOR
EAST LONGMEADOW, MA 01028

Page 3 of 6

Company Name: GEC

Address: 60 Brooks Dr

Attention: Brantlee

Project Location: Knoxville

Sampled By: Lt

Proposal Provided? (For Billing purposes)

☐ yes ☐ no proposal date

Telephone: (761) 556-9140
Project # 44-40814
Client PO #

DATA DELIVERY (check one):

☒ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: khravos@pddmanenvironmental.com

Format: ☐ EXCEL ☒ PDF ☐ GIS KEY

Date Sampled

Start Date/Time	Stop Date/Time	Comp- osite	Grab	Matrix Code
12/13/12 14:40	12/13/12 14:40		X	S
12/13/12 14:55	12/13/12 14:55			
12/13/12 15:40	12/13/12 15:40			
12/13/12 16:00	12/13/12 16:00			
12/13/12 16:20	12/13/12 16:20			
12/13/12 16:40	12/13/12 16:40			
12/13/12 17:00	12/13/12 17:00			
12/13/12 17:20	12/13/12 17:20			
12/13/12 17:40	12/13/12 17:40			
12/13/12 18:00	12/13/12 18:00			
12/13/12 18:20	12/13/12 18:20			
12/13/12 18:40	12/13/12 18:40			
12/13/12 19:00	12/13/12 19:00			
12/13/12 19:20	12/13/12 19:20			
12/13/12 19:40	12/13/12 19:40			
12/13/12 20:00	12/13/12 20:00			
12/13/12 20:20	12/13/12 20:20			
12/13/12 20:40	12/13/12 20:40			
12/13/12 21:00	12/13/12 21:00			
12/13/12 21:20	12/13/12 21:20			
12/13/12 21:40	12/13/12 21:40			
12/13/12 22:00	12/13/12 22:00			
12/13/12 22:20	12/13/12 22:20			
12/13/12 22:40	12/13/12 22:40			
12/13/12 23:00	12/13/12 23:00			
12/13/12 23:20	12/13/12 23:20			
12/13/12 23:40	12/13/12 23:40			
12/13/12 24:00	12/13/12 24:00			

RCRA- plus

ANALYSIS REQUESTED

of containers
Preservation
Cont Code

Comments:

Field ID	Sample Description	Lab #
05 (5, 25) (0-4)	✓	32263
05 (5, 25) (8-12)	✓	32264
05 (36, 25) (4-8)	✓	32265
05 (30, 25) (8-12)	✓	32266
02 (15, 5) (0-4)	✓	32267
02 (15, 5) (8-12)	✓	32268
03 (24, 10) (4-8)	✓	32269
03 (24, 10) (8-12)	✓	32270
04 (24, 10) (0-4)	✓	32271
04 (24, 10) (8-12)	✓	32272

Turnaround

☐ 24 Hour*
☐ 48 Hour*
☐ 72 Hour*
☒ Std.
☐ Other**
Date needed**

Detection Limit Requirements

Regulations? _____
Data Enhancement Project? ☐ Y ☐ N
(MA MCP sites only)
Special Requirements or DL's: _____

Matrix Code:

GW = groundwater
WW = wastewater
DW = drinking water
A = air
S = soil/solid
SL = sludge
O = other

Preservation Codes:

I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

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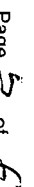
CHAIN CUSTODY RECORD

Form # 75705

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Page 4 of 12

Company Name: <u>GEC</u>		Telephone: (781) <u>356-9140</u>		Project # <u>444-4084</u>		Client PO # _____		# of containers											
Address: <u>ad Brooks Dr</u>								**Preservation											
Attention: <u>Rhavana</u>								Cont Code											
Project Location: <u>Essex</u>																			
Sampled By: <u>ZR</u>																			
Proposal Provided? (For Billing purposes) ☐ yes ☐ no proposal date _____																			
Field ID		Sample Description		Lab #		Start Date/Time		Stop Date/Time		Comp. Date/Time		Gf/b		Matrix Code		ANALYSIS REQUESTED		Comments:	
Q3 (30,5) (4-8)				32273		12/13		12/13 1805		12/13 1810		1		✓		RCRA-8 Plus			
Q5 (30,5) (8-12)				32274		12/13		12/13 1810		12/13 1815		1		✓		✓			
Q6 (15,35) (4-8)				32299		12/14		12/14 1815		12/14 1825		1		✓		✓			
Q6 (15,35) (8-12)				32276		12/14		12/14 1815		12/14 1825		1		✓		✓			
Q6 (15,35) (8-12)				32277		12/14		12/14 1825		12/14 1835		1		✓		✓			
Q6 (15,35) (8-12)				32278		12/14		12/14 1835		12/14 1845		1		✓		✓			
Q6 (15,35) (8-12)				32279		12/14		12/14 1845		12/14 1855		1		✓		✓			
Q6 (15,35) (8-12)				32280		12/14		12/14 1855		12/14 1905		1		✓		✓			
Q6 (15,35) (8-12)				32281		12/14		12/14 1905		12/14 1915		1		✓		✓			
Q6 (15,35) (8-12)				32282		12/14		12/14 1915		12/14 1925		1		✓		✓			
Q6 (15,35) (8-12)				32283		12/14		12/14 1925		12/14 1935		1		✓		✓			
Q6 (15,35) (8-12)				32284		12/14		12/14 1935		12/14 1945		1		✓		✓			
Q6 (15,35) (8-12)				32285		12/14		12/14 1945		12/14 1955		1		✓		✓			
Q6 (15,35) (8-12)				32286		12/14		12/14 1955		12/14 2005		1		✓		✓			
Q6 (15,35) (8-12)				32287		12/14		12/14 2005		12/14 2015		1		✓		✓			
Q6 (15,35) (8-12)				32288		12/14		12/14 2015		12/14 2025		1		✓		✓			
Q6 (15,35) (8-12)				32289		12/14		12/14 2025		12/14 2035		1		✓		✓			
Q6 (15,35) (8-12)				32290		12/14		12/14 2035		12/14 2045		1		✓		✓			
Q6 (15,35) (8-12)				32291		12/14		12/14 2045		12/14 2055		1		✓		✓			
Q6 (15,35) (8-12)				32292		12/14		12/14 2055		12/14 2105		1		✓		✓			
Q6 (15,35) (8-12)				32293		12/14		12/14 2105		12/14 2115		1		✓		✓			
Q6 (15,35) (8-12)				32294		12/14		12/14 2115		12/14 2125		1		✓		✓			
Q6 (15,35) (8-12)				32295		12/14		12/14 2125		12/14 2135		1		✓		✓			
Q6 (15,35) (8-12)				32296		12/14		12/14 2135		12/14 2145		1		✓		✓			
Q6 (15,35) (8-12)				32297		12/14		12/14 2145		12/14 2155		1		✓		✓			
Q6 (15,35) (8-12)				32298		12/14		12/14 2155		12/14 2205		1		✓		✓			
Q6 (15,35) (8-12)				32299		12/14		12/14 2205		12/14 2215		1		✓		✓			
Q6 (15,35) (8-12)				32300		12/14		12/14 2215		12/14 2225		1		✓		✓			
Q6 (15,35) (8-12)				32301		12/14		12/14 2225		12/14 2235		1		✓		✓			
Q6 (15,35) (8-12)				32302		12/14		12/14 2235		12/14 2245		1		✓		✓			
Q6 (15,35) (8-12)				32303		12/14		12/14 2245		12/14 2255		1		✓		✓			
Q6 (15,35) (8-12)				32304		12/14		12/14 2255		12/14 2305		1		✓		✓			
Q6 (15,35) (8-12)				32305		12/14		12/14 2305		12/14 2315		1		✓		✓			
Q6 (15,35) (8-12)				32306		12/14		12/14 2315		12/14 2325		1		✓		✓			
Q6 (15,35) (8-12)				32307		12/14		12/14 2325		12/14 2335		1		✓		✓			
Q6 (15,35) (8-12)				32308		12/14		12/14 2335		12/14 2345		1		✓		✓			
Q6 (15,35) (8-12)				32309		12/14		12/14 2345		12/14 2355		1		✓		✓			
Q6 (15,35) (8-12)				32310		12/14		12/14 2355		12/14 2405		1		✓		✓			
Q6 (15,35) (8-12)				32311		12/14		12/14 2405		12/14 2415		1		✓		✓			
Q6 (15,35) (8-12)				32312		12/14		12/14 2415		12/14 2425		1		✓		✓			
Q6 (15,35) (8-12)				32313		12/14		12/14 2425		12/14 2435		1		✓		✓			
Q6 (15,35) (8-12)				32314		12/14		12/14 2435		12/14 2445		1		✓		✓			
Q6 (15,35) (8-12)				32315		12/14		12/14 2445		12/14 2455		1		✓		✓			
Q6 (15,35) (8-12)				32316		12/14		12/14 2455		12/14 2505		1		✓		✓			
Q6 (15,35) (8-12)				32317		12/14		12/14 2505		12/14 2515		1		✓		✓			
Q6 (15,35) (8-12)				32318		12/14		12/14 2515		12/14 2525		1		✓		✓			
Q6 (15,35) (8-12)				32319		12/14		12/14 2525		12/14 2535		1		✓		✓			
Q6 (15,35) (8-12)				32320		12/14		12/14 2535		12/14 2545		1		✓		✓			
Q6 (15,35) (8-12)				32321		12/14		12/14 2545		12/14 2555		1		✓		✓			
Q6 (15,35) (8-12)				32322		12/14		12/14 2555		12/14 2605		1		✓		✓			
Q6 (15,35) (8-12)				32323		12/14		12/14 2605		12/14 2615		1		✓		✓			
Q6 (15,35) (8-12)				32324		12/14		12/14 2615		12/14 2625		1		✓		✓			
Q6 (15,35) (8-12)				32325		12/14		12/14 2625		12/14 2635		1		✓		✓			
Q6 (15,35) (8-12)				32326		12/14		12/14 2635		12/14 2645		1		✓		✓			
Q6 (15,35) (8-12)				32327		12/14		12/14 2645		12/14 2655		1		✓		✓			
Q6 (15,35) (8-12)				32328		12/14		12/14 2655		12/14 2705		1		✓		✓			
Q6 (15,35) (8-12)				32329		12/14		12/14 2705		12/14 2715		1		✓		✓			
Q6 (15,35) (8-12)				32330		12/14		12/14 2715		12/14 2725		1		✓		✓			
Q6 (15,35) (8-12)				32331		12/14		12/14 2725		12/14 2735		1		✓		✓			
Q6 (15,35) (8-12)				32332		12/14		12/14 2735		12/14 2745		1		✓		✓			
Q6 (15,35) (8-12)				32333		12/14		12/14 2745		12/14 2755		1		✓		✓			
Q6 (15,35) (8-12)				32334		12/14		12/14 2755		12/14 2805		1		✓		✓			
Q6 (15,35) (8-12)				32335		12/14		12/14 2805		12/14 2815		1		✓		✓			
Q6 (15,35) (8-12)				32336		12/14		12/14 2815		12/14 2825		1		✓		✓			
Q6 (15,35) (8-12)				32337		12/14		12/14 2825		12/14 2835		1		✓		✓			
Q6 (15,35) (8-12)				32338		12/14		12/14 2835		12/14 2845		1		✓		✓			
Q6 (15,35) (8-12)				32339		12/14		12/14 2845		12/14 2855		1		✓		✓			
Q6 (15,35) (8-12)				32340		12/14		12/14 2855		12/14 2905		1		✓		✓			
Q6 (15,35) (8-12)				32341		12/14		12/14 2905		12/14 2915		1		✓		✓			
Q6 (15,35) (8-12)				32342		12/14		12/14 2915		12/14 2925		1		✓		✓			
Q6 (15,35) (8-12)				32343		12/14		12/14 2925		12/14 2935		1		✓		✓			
Q6 (15,35) (8-12)				32344		12/14		12/14 2935		12/14 2945		1		✓		✓			
Q6 (15,35) (8-12)				32345		12/14		12/14 2945		12/14 2955		1		✓		✓			
Q6 (15,35) (8-12)				32346		12/14		12/14 2955		12/14 3005		1		✓		✓			
Q6 (15,35) (8-12)				32347		12/14		12/14 3005		12/14 3015		1		✓		✓			
Q6 (15,35) (8-12)				32348		12/14		12/14 3015		12/14 3025		1		✓		✓			
Q6 (15,35) (8-12)				32349		12/14		12/14 3025		12/14 3035		1		✓		✓			
Q6 (15,35) (8-12)				32350		12/14		12/14 3035		12/14 3045		1		✓		✓			
Q6 (15,35) (8-12)				32351		12/14		12/14 3045		12/14 3055		1		✓		✓			
Q6 (15,35) (8-12)				32352		12/14		12/14 3055		12/14 3065		1		✓		✓			
Q6 (15,35) (8-12)				32353		12/14		12/14 3065		12/14 3075		1		✓		✓			
Q6 (15,35) (8-12)				32354		12/14		12/14 3075		12/14 3085		1		✓		✓			
Q6 (15,35) (8-12)				32355		12/14		12/14 3085		12/14 3095		1		✓		✓			
Q6 (15,35) (8-12)				32356		12/14		12/14 3095		12/14 3105		1		✓		✓			
Q6 (15,35) (8-12)				32357		12/14		12/14 3105		12/14 3115		1		✓		✓			
Q6 (15,35) (8-12)				32358		12/14		12/14 3115		12/14 3125		1		✓		✓			
Q6 (15,35) (8-12)				32359		12/14		12/14 3125		12/14 3135		1		✓		✓			
Q6 (15,35) (8-12)				32360		12/14		12/14 3135		12/14 3145		1		✓		✓			
Q6 (15,35) (8-12)				32361		12/14		12/14 3145		12/14 3155		1		✓		✓			
Q6 (15,35) (8-12)				32362		12/14		12/14 3155		12/14 3165									



B = Sodium bisulfate



Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN CUSTODY RECORD
Job # 75705

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Page 6 of 40

Company Name:

GEC

Address:

60 Brook Dr

Attention:

Andrew Ekner

Project Location:

Yankee

Sampled By:

RE

Proposal Provided? (For Billing purposes)

☐ Yes ☐ No proposal date

Telephone: (781) 356-9140
Project # 444-4084
Client PO #

DATA DELIVERY (check one):

☒ FAX ☐ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email:

Format: ☐ EXCEL ☒ PDF ☐ GIS KEY

Date Sampled

Start Date/Time	Stop Date/Time	Comp- osite	Grab	Matrix Code
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12/4	1445	X		S
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12/4	1350			
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12/4	1355			
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12/4	1420			
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12/3	1200			
------	------	--	--	--

12/3	1205			
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12/3	2050			
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12/3	2050			
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12/3	2050			
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12/3	2050			
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12/3	2050			
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12/3	2050			
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12/3	2050			
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Turnaround

☐ 24 Hour
☐ 48 Hour
☐ 72 Hour
☒ Std.
☐ Other**

Detection Limit Requirements

Regulations? ☐
Data Enhancement Project? ☐ Y ☐ N
(MA MCP sites only)
Special Requirements or DL's: ☐

Matrix Code:

GW = groundwater
WW = wastewater
DW = drinking water
A = air
S = soil/solid
SL = sludge
O = other

**Preservation Codes:

I = Iced
H = HCL
M = Methanol
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

ANALYSIS REQUESTED

of containers
**Preservation
-Cont. Code

Comments:

Amo # 75705

TABLE 1
PROPOSED SOIL SAMPLING LOCATIONS
Cutting Oil Release and Metal Plating Shop Area:
248 Wyandanch Avenue
Wyandanch, New York

Boring Identification	0-4'	4-8'	8-12'
	Sample Depth	Sample Depth	Sample Depth
G6 (15-35)	VOCs	Semi-VOCs	Semi-VOCs
G8 (20-15)	VOCs	Semi-VOCs	VOCs
G9 (05-35)	VOCs	Semi-VOCs	Semi-VOCs
H6 (15-35)	VOCs	Semi-VOCs	VOCs
H8 (20-15)	VOCs	Semi-VOCs	Semi-VOCs
H9 (05-10)	VOCs	Semi-VOCs	VOCs
H9 (05-40)	VOCs	Semi-VOCs	Semi-VOCs
H9 (15-05)	VOCs	Semi-VOCs	VOCs
H9 (15-40)	VOCs	Semi-VOCs	Semi-VOCs
H9 (30-20)	VOCs	Semi-VOCs	VOCs
H9 (30-40)	VOCs	Semi-VOCs	Semi-VOCs
J9 (05-10)	VOCs	Semi-VOCs	VOCs
J9 (15-05)	VOCs	Semi-VOCs	Semi-VOCs
J9 (30-15)	VOCs	Semi-VOCs	VOCs
K9 (15-10)	VOCs	Semi-VOCs	Semi-VOCs
L2 (15-20)	Metals ^{1,2}	Metals	Metals
L3 (20-15)	Metals	Metals	Metals
L4 (00-30)	Metals	Metals	Metals
L5 (05-35)	Metals	Metals	Metals
L5 (30-15)	Metals	Metals	Metals
L5 (30-50)	Metals	Metals	Metals
O2 (15-10)	Metals	Metals	Metals
O3 (10-10)	Metals	Metals	Metals
O4 (10-30)	Metals	Metals	Metals
O4 (20-10)	Metals	Metals	Metals
O5 (05-25)	Metals	Metals	Metals
O5 (30-25)	Metals	Metals	Metals
Q2 (15-05)	Metals	Metals	Metals
Q3 (20-10)	Metals	Metals	Metals
Q4 (20-10)	Metals	Metals	Metals
Q5 (30-05)	Metals	Metals	Metals

1 = Metals include Nickel, Chromium, Copper, and Zinc

2 = Chromium includes both Hexavalent and Trivalent analysis.

VOCs = EPA Method 8260B

Semi-VOCs = EPA Method 8270C

Nickel & Chromium = EPA 6010B/7000s

Hexavalent Chromium = EPA 7196A

for samples all

METALS CONTAMINATED SOIL AND GROUNDWATER

AOC	Description	Assembly	Unit	Cost	# Units	Total	Subtotal	Assumptions:
AOC#5	Interior Soil Excavation - Metal Plating Area							
5.1 Remediation Activities								
	Site Prep, Roof Support, Shoring							
	Roof Support	NA	EA	\$2,000.00	3	\$6,000		
	Hydraulic Excavator	17-03-0232	HR	\$160.00	80	\$12,800		Two weeks to install roof support and excavate under three support structures, and backfill
	8 CY Semi-dump	17-03-0284	HR	\$74.98	80	\$5,998		
	4 CY Wheel Loader	17-03-0224	HR	\$95.89	80	\$7,671	\$32,470	
	Floor Removal							
	Demolish Concrete with Air Equipment	17-02-0206	CY	\$84.53	124	\$10,482		Four days to remove the floor, two days and 7 trips to dispose of the waste.
	Hydraulic Excavator	17-03-0232	HR	\$160.00	32	\$5,120		
	8 CY Semi-dump	17-03-0284	HR	\$74.98	32	\$2,399		Assumes 50 miles to the landfill.
	4 CY Wheel Loader	17-03-0224	HR	\$95.89	48	\$4,603		
	Transportation Bulk Solid Waste	33-19-0205	MI	\$1.52	700	\$1,064		
	Concrete (Non-Haz) Disposal	17-02-0401	CY	\$10.33	124	\$1,281	\$24,949	
	Clean Fill Removal (Temporary)							
	Hydraulic Excavator	17-03-0206	HR	\$160.00	32	\$5,120		Four days to remove clean material.
	8 CY Semi-dump	17-03-0284	HR	\$74.98	32	\$2,399		
	4 CY Wheel Loader	17-03-0224	HR	\$95.89	32	\$3,068	\$10,588	
	Contaminated Material Excavation							
	Hydraulic Excavator	17-03-0232	HR	\$160.00	120	\$19,200		Three weeks with two dump trucks to excavate and stockpile.
	8 CY Semi-dump	17-03-0284	HR	\$74.98	240	\$17,995		350 miles round trip to the landfill, 20 cy per load.
	4 CY Wheel Loader	17-03-0224	HR	\$95.89	180	\$17,260		75 dump truck loads, 5 truck per day, two loads each.
	Transportation Haz-Waste	33-19-0211	MI	\$2.23	26250	\$58,538		(dump truck cost included in the mileage fee)
	Hazardous Solid Bulk Waste Disposal	17-19-7264	CY	\$140.00	1500	\$210,000	\$322,993	
	Site Restoration							
	Backfill with clean material	17-03-0424	CY	\$9	1500	\$13,050		Can reuse clean fill material.
	8 CY Semi-dump	17-03-0284	HR	\$74.98	40	\$2,999		One week to backfill.
	4 CY Wheel Loader	17-03-0224	HR	\$95.89	40	\$3,836		
	Replace concrete	18-02-0331	SF	\$4	6675	\$26,433	\$46,318	
	Remediation Total					\$437,317		
5.2 Remediation Oversight Activities								
	ROD Design Plans & Specs	Estimated	HR	\$115	80	\$9,200		
	Quality Assurance Project Plan	Estimated	HR	\$70	30	\$2,100		
	Labor Costs for Confirmatory Sampling and Oversight	Estimated	HR	\$75	320	\$24,000		
	Laboratory Costs for Confirmatory Samples	Estimated	EA	\$100	15	\$1,500		Eight weeks total oversight including loading for disposal
	Laboratory Costs for Waste Characterization	Estimated	EA	\$500	3	\$1,500		(One week to load at 10 loads per day)
	Data Validation (third party) (Rough Estimate)	Estimated	EA	\$1,000	1	\$1,000		
	Oversight Total					\$39,300		
5.3 Business Interruption								
	Seven weeks of construction	Estimated	WEEK	\$217,391.00	7	\$1,521,737		
	Five weeks to vacate and re-occupy	Estimated	WEEK	\$217,391.00	5	\$1,086,955		
	Business Interruption Total					\$2,608,692		
	TOTAL Per AOC #5					\$3,085,309		

METALS CONTAMINATED SOIL AND GROUNDWATER

AOC	Description	Assembly	Unit	Cost	# Units	Total	Subtotal	Assumptions:
AOC#3	Exterior Soil Excavation - Former Industrial Leaching Pool Area							
3.1	Remediation Activities							
	Site Prep, Shoring							
	Steel Sheeting, Install, Pull, Salvage to 15 ft	17-03-0901	SF	\$8.84	300	\$2,652		Need to shore on three sides.
	Remove and Reset Chain Link Fence	17-02-0701	LF	\$10.02	380	\$3,808	\$6,460	
	Contaminated Material Excavation							
	Hydraulic Excavator	17-03-0232	HR	\$160.00	40	\$6,400		One week with one dump truck to excavate and stockpile.
	8 CY Semi-dump	17-03-0284	HR	\$74.98	40	\$2,999		350 miles round trip to the landfill, 20 cy per load.
	4 CY Wheel Loader	17-03-0224	HR	\$95.89	160	\$15,342		150 dump truck loads, 5 truck per day, two loads each.
	Transportation HazWaste	33-19-0211	MI	\$2.23	52500	\$117,075		(dump truck cost included in the mileage fee)
	Hazardous Solid Bulk Waste Disposal	17-19-7264	CY	\$140.00	3000	\$420,000	\$561,817	
	Site Restoration							
	Backfill with clean material	17-03-0424	CY	\$9	3000	\$26,100		One week to restore the site.
	8 CY Semi-dump	17-03-0284	HR	\$74.98	40	\$2,999		
	4 CY Wheel Loader	17-03-0224	HR	\$95.89	40	\$3,836	\$32,935	
	Remediation Total					\$601,211		
3.2	Remediation Oversight Activities							
	ROD Design Plans & Specs	Estimated	NA			NA		
	Quality Assurance Project Plan	Estimated	NA			NA		
	Labor Costs for Confirmatory Sampling and Oversight	Estimated	HR	\$75	200	\$15,000		Five weeks total oversite including loading for disposal.
	Laboratory Costs for Confirmatory Samples	Estimated	EA	\$25	20	\$500		(Three weeks to load at 10 loads per day)
	Laboratory Costs for Waste Characterization	Estimated	EA	\$500	6	\$3,000		
	Data Validation (third party) (Rough Estimate)	Estimated	EA	\$1,000	1	\$1,000		
	Oversight Total					\$19,500		
3.3	Business Interruption							
	Two weeks of construction	Estimated	WEEK	\$217,391.00	2	\$434,782		
	Business Interruption Total					\$434,782		
	TOTAL Per AOC #3					\$1,055,493		

METALS CONTAMINATED SOIL AND GROUNDWATER

AOC	Description	Assembly	Unit	Cost	# Units	Total	Subtotal	Assumptions:
AOC#1	Exterior Soil Excavation - Former Seepage Lagoons							
1.1	Remediation Activities							
	Site Prep, Shoring							
	Steel Sheeting, Install, Pull, Salvage to 15 ft	17-03-0901	SF	\$8.84	250	\$2,210		Need to shore on two sides.
	Remove Asphalt Pavement	17-02-0210	CY	\$23.04	448	\$10,322		50 miles round trip, 11 trips per day
	Install Asphalt Pavement	18-02-0330	SF	\$3.42	24,200	\$82,764		3 hours per trip.
	4 CY Wheel Loader	17-03-0224	HR	\$95.89	16	\$1,534		448 cy/20per load, 22 loads * 3hr/load = 66 hr
	20 CY Semi Dump Truck (transport)	17-03-0287	HR	\$94.27	66	\$6,222		
	Non-Hazardous Solid Bulk Disposal	17-02-0401	CY	\$10.33	448	\$4,628	\$107,680	
	Contaminated Material Excavation							
	Hydraulic Excavator	17-03-0232	HR	\$160.00	80	\$12,800		Two weeks with one dump truck to excavate and stockpile.
	8 CY Semi-dump	17-03-0284	HR	\$74.98	80	\$5,998		350 miles round trip to the landfill, 20 cy per load.
	4 CY Wheel Loader	17-03-0224	HR	\$95.89	360	\$34,520		350 dump truck loads, 5 truck per day, two loads each.
	Transportation Haz-Waste	33-19-0211	MI	\$2.23	122500	\$273,175		(dump truck cost included in the mileage fee)
	Hazardous Solid Bulk Waste Disposal	17-19-1264	CY	\$140.00	7000	\$980,000	\$1,306,494	
	Site Restoration.							
	Backfill with clean material	17-03-0424	CY	\$9	7000	\$60,900		Two weeks to restore the site.
	8 CY Semi-dump	17-03-0284	HR	\$74.98	80	\$5,998		
	4 CY Wheel Loader	17-03-0224	HR	\$95.89	80	\$7,671	\$74,570	
	Remediation Total					\$1,488,743		
1.2	Remediation Oversight Activities							
	ROD Design Plans & Specs	Estimated	NA			NA		
	Quality Assurance Project Plan	Estimated	NA			NA		
	Labor Costs for Confirmatory Sampling and Oversight	Estimated	HR	\$75	440	\$33,000		Eleven weeks of oversight including loading
	Laboratory Costs for Confirmatory Samples	Estimated	EA	\$25	20	\$500		(Seven weeks to load at 10 loads per day)
	Laboratory Costs for Waste Characterization	Estimated	EA	\$500	17	\$8,500		
	Laboratory costs for confirmatory samples	Estimated	EA	\$1,000	1	\$1,000		
	Oversight Total					\$43,000		
1.3	Business Interruption							
	Three weeks of construction	Estimated	WEEK	\$217,391.00	3	\$652,173		
	Business Interruption Total					\$652,173		
	TOTAL Per AOC# 1					\$2,183,916		

METALS CONTAMINATED SOIL AND GROUNDWATER

AOC	Description	Assembly	Unit	Cost	# Units	Total	Subtotal	Assumptions:
AOC# Misc.	Well Replacement - Long Term Monitoring							
M 1	Remedial Assessment							
	Replace Destroyed Monitoring Wells	Estimated	DAY	\$2,000.00	10	\$20,000		
	Drilling and Well Installation	Estimated	HR	\$75.00	80	\$6,000	\$26,000	Approximately 12 wells will be destroyed during Tasks 1 to 3.
	Long Term Groundwater Monitoring							
	Groundwater Sampling	Estimated	HR	\$75.00	500	\$37,500		
	Expenses	Estimated	EA	\$500.00	20	\$10,000		Approximately 20 wells will be sampled each round
	Analytical	Estimated	EA	\$300.00	400	\$120,000		Each well will be sampled for dissolved metals, SVOC, and VOCs
	Quarterly Report Preparation	Estimated	EA	\$1,200.00	20	\$24,000	\$191,500	Long Term Monitoring is for 5 Years
	Remedial Assessment Total					\$217,500		
M 2	Business Interruption							
	For Well Installation	Estimated	WEEK	\$54,347.75	2	\$108,696		Assumes Two Weeks of Drilling, 25% of the business interruption costs
	For Quarterly Sampling	Estimated	WEEK	\$27,173.88	4	\$108,696		Assumes 20 rounds of sampling, 12.5% of the business interruption costs
	Business Interruption Total					\$217,391		
	TOTAL Per AOC Miscellaneous					\$434,891		
	TOTAL COST METALS CONTAMINATED SOIL AND GROUNDWATER					\$6,759,609		

SVOC CONTAMINATED SOIL AND GROUNDWATER

AOC	Description	Assembly	Unit	Cost	# Units	Total	Subtotal	Assumptions:
AOC#4	Exterior Soil Excavation and Extraction Wells - Cutting Oil Release							
4.1	Remediation Activities							
	Soil Removal and Disposal	NA	NA	NA	NA	NA	NA	Soil already remediated to the water table, no further action required
	Installation Of Extraction Wells							
	Drilling	33-23-1101	LF	\$26.23	100	\$2,623		8" auger
	Well Materials	33-23-0204	LF	\$43.15	100	\$4,315		8" screen
	Well Casing	33-23-0127	LF	\$388.43	20	\$7,769		10" casing
	Remove Asphalt Pavement	17-02-0210	CY	\$23.04	3.7	\$85		For trenching back to the treatment system
	Hydraulic Excavator	17-03-0232	HR	\$160.00	16	\$2,560		
	Dump truck to remove spoils from trench	17-03-0283	CY	\$3.69	10	\$37		
	Concrete Place & Finish, internal trenching	18-01-0313	SY	\$8.27	22	\$182		
	Piping	33-23-0104	LF	\$23.62	500	\$11,810	\$29,381	
	Treatment System							
	Well Pumps							
	Packaged Oil Water Separator	33-23-0526	EA	\$1,565.00	2	\$3,130		4" submersible, 8-14 GPM
	Carbon Adsorption	19-04-0411	EA	\$10,364.00	1	\$10,364		20 GPM installed
	Transfer pump	33-13-2008	EA	\$2,745.00	2	\$5,490		25 GPM, 300 LBs
	Installation of Treatment System	33-29-0119	EA	\$2,304.00	1	\$2,304	\$21,288	25 GPM, 1HP
	Plumbing	GEC	EA	\$2,500.00	1	\$2,500		
	Electrical	GEC	EA	\$2,500.00	1	\$2,500		
	Carpentry	GEC	EA	\$2,500.00	1	\$2,500		
	Permitting	GEC	HR	\$2,500.00	1	\$2,500	\$10,000	
	Installation Underground Leaching Galleries							
	Remove Asphalt Pavement	17-02-0210	CY	\$23.04	46	\$1,060		50x50 leaching area
	Hydraulic Excavator (trenching and backfill)	17-03-0232	HR	\$160.00	40	\$6,400		one week
	4 CY Wheel Loader	17-03-0224	HR	\$95.89	40	\$3,836		
	8 CY Semi-dump	17-03-0284	HR	\$74.98	40	\$2,999		
	Transportation Bulk Solid Waste	33-19-0205	MI	\$1.52	50	\$76		
	Concrete (Non-Haz) Disposal	17-02-0401	CY	\$10.33	120	\$1,240		
	Install Piping System	19-01-0212	LF	\$12.55	300	\$3,765		(50x24)"5 trenches
	Backfill with clean material	17-03-0424	CY	\$9	74	\$644		50x50 leaching area
	Replace concrete	18-02-0331	SF	\$4	2500	\$9,900	\$29,919	
	Remediation Total					\$90,588		
4.2	Remediation Oversight Activities							
	ROD Design Plans & Specs	Estimated	HR	\$135.00	40	\$5,400		
	Quality Assurance Project Plan	Estimated	HR	\$135.00	10	\$1,350		
	Drilling and Installation Oversight	Estimated	HR	\$75.00	80	\$6,000		
	Remediation Oversight Total					\$12,750		
4.3	Five Year Operations and Maintenance							
	Monthly Inspections and Sampling	Estimated	HR	\$75.00	480	\$36,000		
	Analytical Expenses	Estimated	EA	\$150.00	120	\$18,000		
	Carbon Change Out and T&D	Estimated	EA	\$250.00	60	\$15,000		
	Product T&D	Estimated	EA	\$500.00	10	\$5,000		
	Quarterly Reporting	Estimated	EA	\$250.00	5	\$1,250		
	Five Year Operations and Maintenance Total					\$115,250		
4.4	Business Interruption							
	Three weeks of construction	Estimated	WEEK	\$217,392.50	3	\$652,178		
	Two weeks to remove and replace equipment	Estimated	WEEK	\$217,392.00	2	\$434,784		
	Business Interruption Total					\$1,086,962		
	TOTAL Per AOC#4					\$1,305,549		
	TOTAL COST SVOC CONTAMINATED SOIL AND GROUNDWATER					\$1,305,549		
	TOTAL Business Interruption					\$5,000,000		
	TOTAL AOC 1 through 5					\$8,065,158		