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INVESTIGATION. pdf

SEDIMENT SAMPLING INVESTIGATION
ERIE CANAL SPILLWAY
FORMER MOBIL PLASTICS PLANT
MACEDON, NEW YORK

FINAL

IT Corporation Project Number: 105794

March 12, 2001

Prepared For:

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MEMORANDUM

TO: Lynn Winterberger, DSHM

FROM: Richard Koeppicus, Hazardous Waste Site Evaluation Unit, Bureau of Habitat, Division of Fish, Wildlife and Marine Resources

DATE: May 1, 2001

SUBJECT: Tenneco Packaging Facility, Macedon, NY. Review of *Sediment Sampling Investigation Erie Canal Spillway Former Mobil Plastics Plant Macedon, NY*, (SSI) March 12, 2001 by IT Corporation.

The following are my comments on the above.

1. **P 16 Bullet 7.** This bullet concludes that PAH concentrations found in surface sediments are typical of soils found in urban areas as a result of surface runoff or atmospheric deposition. This bullet implies that there is some other cause than releases from the facility for the PAH concentrations found in the sediment. Though it is possible that releases from the facility are not the cause, the facility is suspect since soils[1] and groundwater[2] at the facility have the same PAHs (benzo (a) anthracene, benzo (a) pyrene, and chrysene as the sediments. Additionally, the groundwater contamination is in the vicinity of Outfall 002 where the PAH contaminated sediment sample B-4AS is located. Unfortunately, sediment sample B-4S, apparently a duplicate of B-4AS, did not yield any useful information regarding PAHs because of very high detection limits. Though I take exception to the implication of this bullet, I do not believe PAH contamination is a particular problem at this site because the only expected sediment criteria impact would be from the human consumption of fish. Since the area impacted is relatively small the impact to humans would not be very likely.
2. **P 16 Bullet 8.** This document concludes that only lead exceeds the SEL criterion. Though this may be true for the data collected under this investigation, it is not true when the *Environmental Audit...* data is included. That data[3] shows that chromium exceeded the SEL having a concentration of 200 ppm at location MA-12, near SPDES Outfall 003.
3. **P 17 Bullet 2.** This bullet concludes that the concentration of lead in one sample (B-4S) near Outfall 2 was significantly above the expected range of background and other metals were within or marginally above the range of background. This conclusion implies that

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[1] *Environmental Audit Tenneco Packaging Specialty Products Macedon.,NY*, April 17, 1997 p. 8-7.

[2] *Ibid* p. 8-8.

[3] *Ibid* Table 8-3, p.8-17.

background concentrations in sediments have been measured. The sediment concentrations reported have been compared with literature background values (which are not presented in the document for comparison) for soils. Neither site soil or sediment background values have been determined. This is a short-coming of the investigation since all sample locations are apparently influenced by contaminants that have emanated from the site. Hence, the area of contamination has not been bounded as yet. Chromium, lead, mercury, silver and selenium were found in soils[4] at the site above Recommended Soil Cleanup Objectives and barium , cadmium, chromium, lead, and selenium were detected at levels that exceed ground water standards. The documents implication that the concentrations of cadmium, chromium, lead, and mercury are background is without merit. I have seen plenty of sediment samples in my time and the concentrations observed at the site are not background. Unfortunately, the sediment data in the investigation that is presented for silver and selenium is not of much use because of detection limits that are generally higher than anticipated thresholds for anticipated biological impacts (1ppm for silver and 1 ppm for selenium[5])

4. **P 17 Bullet 3.** This bullet recognizes that the metals exceeding NYSDEC sediment criteria are persistent but goes on to suggest that because of the organic content of the sediments (up to an average of 7 percent) the metals will become buried reducing the potential for biological exposure. The evidence collected by this investigation suggests that burying will not happen in a reasonable time frame since the metals were found in the shallow samples as well as the deep. There can be at least 2 reasons for this. Either there are continuing discharges to the canal or that burying is not going on at any significant rate. The metals in the sediments are in higher concentrations in the vicinity of Outfalls 002 and 003 which now are non-contact cooling water and storm water runoff . Previously these outfalls may have received some kind of contaminated process water and that possibility should be investigated. The non- contact cooling water should not be a problem because it does not, in theory, become contaminated. The storm water could be a problem if it comes in contact with metals contaminated soils. This possibility also needs to be investigated. Certainly, Outfalls 002 and 003 need to be investigated to be sure they no longer discharge metals prior to any remediation of the Canal sediments so that remediated sediments do not become recontaminated.

5. **P 17 Bullets 4 and 5.** The gist of these 2 bullets is that the authors believe that sediment toxicity is unlikely even though screening values for toxicity are exceeded. When screening values are exceeded then further investigation is needed. The levels of metals contamination suggest that sediment bioassays would be needed to verify the absence or presence of toxicity not just speculation.

6. **P 17 Bullet 7.** This bullet concludes that benthic organisms that seasonally inhabit the canal spillway are not an important food resource for fish.... This may or may not be true. Certainly the habitat has low productivity because of alterations of the habitat by man which include drastic changes in water levels and structural habitat. However, that habitat

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[4] *Ibid* p. 8-7.

[5] See Leahy, A.D. G.J. Smith. 1987 *Aquatic Cycling of selenium: implications for fish and wildlife.* U.S. Fish and Wildlife Service, Washington. Fish and Wildlife Leaflet 12.

which remains is needed to support the limited community of fish. After all, the limited fish community that does exist needs to eat or it will not exist at all! Because the physical properties of the habitat have been altered and reduced productivity, it cannot be justified that the remaining habit should be compromised by chemical contamination.

7. **P 17 Bullet 8.** This bullet which states that remediation of sediment based on metals concentrations is not warranted based on ecological concerns is rejected since the data for no effects does not exist in this document. In fact, the data suggest that effects may be occurring off-site.

8. **Table 1A.**
   a. The calculation of sediment criteria was done incorrectly because average total organic content values were used in calculation. Using average organic carbon contents defeats the purpose of normalization. Each individual sediment sample must be normalized with its respective total organic carbon content and compared with the normalized sediment criterion to see if it exceeds the criterion.
   b. There is virtually no information available for sample B-4S because the detection limits were too high. Many of the other samples are also somewhat limited for this reason.
   c. The footnote in red is garbled. NYSDEC Sediment Cleanup Objectives do not exist and NYSDEC TAGM 4046 applies to soils only. It is incorrectly applied to sediments in this document.

9. **Table 2A and B.** The detection limits for selenium and silver are too high to be of any use in screening for biological effects.

10. **Recommendations.**
   a. It needs to be determined whether Outfalls 002 and 003 are still contributing metals to the Canal. If they are then this may be a job for the Division of Water to handle.
   b. The need to remediate the sediments in the Canal, an off-site location, is ambiguous at this time. Exceeding the sediment criteria suggests that it may be warranted. The concentrations of chromium and lead are very high, exceeding severe effects levels. Of course there are other metals in lower concentrations, exceeding low effects levels, that could be having an adverse effect. The actual toxicity of the sediments can be determined by doing bioassays. If they show toxicity then the cleanup of the sediments is warranted. Bioassays are expensive to do however and if not done with sufficient replicates they can be inconclusive. Sometimes it is just easier and cheaper to remove the sediments which could be the outcome after the bioassays are performed anyway. The data is somewhat ambiguous it indicates a cleanup along the southern wall of the canal is likely to be sufficient remediation. The contamination in the sediements in the Canal deserves followup.
   c. To my knowledge, there is no chemical information about the sediments near Outfall 006. This is an oversight that should be corrected given the high values at Outfalls 002 and 006.

cc: via e-mail
C. Dowd -SS/PC
S. Brennan

the IT group

From the desk of
Thomas Antonoff
IT Corporation
A Member of The IT Group

LYNN,

HERE IS A COPY OF THE MACLOOM, N.Y. REPORT AS YOU REQUESTED.

PLEASE CALL IF YOU HAVE QUESTIONS OR FURTHER NEEDS.

Thanks,

Tom A.

Table of Contents

1.0 INTRODUCTION

1.1 Project Objectives

The objective of this additional sediment analysis is to confirm data collected in October 1996 by Pactiv Inc.'s (formerly Tenneco's) environmental consultant, and to further delineate the horizontal and vertical extent of organic and inorganic analytes within the Erie Canal spillway sediments, as described in the Work Plan dated July 17, 1998. The activities were directed to those areas that exhibited elevated concentrations of metals, as indicated by the previous sediment samples collected, and adjoining areas of the Erie Canal spillway. Sediments were collected to determine whether any residual impacts from past site activities are present.

1.2 Site Location and Description

The former Mobil facility is located in the Town of Macedon, Wayne County, New York (**Figure 1**). The facility borders the Erie Canal, located adjacent to the northern boundary of the property. Mobil Chemical formerly owned and operated the current Pactiv Inc.Packaging Plant. Past and present operations at the plant consist of plastic sheet manufacturing.

1.2.1 Erie Canal Spillway Description

The remnant of an original lock of the Erie Canal exists at the western end of the area of investigation (**Figure 2**). This lock (and the northern property boundary) is in a spillway channel which separates from the main channel of the current Erie Canal approximately 1/4 mile west of the site and rejoins the main channel approximately 500 feet to the east. This minor channel acts as a spillway flowing around the functioning Lock 30 in the main channel of the canal. Water in the spillway and the main channel flows from west to east during the summer months. Beginning in the fall (late November) until early May, the Erie Canal is dewatered. During this period, water does not flow through either the main channel or the spillway adjacent to the site. The samples evaluated as part of this investigation were collected during this low-water period and could not have been collected during the operating months of the year.

At the site, the channel waters enter the subject area by passing through the non-functioning old lock and dropping approximately seven feet. The water flows at a rapid rate along the north side of the channel, with an estimated water depth of greater than five feet. A stone wall of the old lock stands approximately 20 feet high and 40 feet downstream from the old lock and creates a quiet-water area on the south side of the channel (**Appendix B, Site Photographs**). Water

depth during the summer months is estimated at zero to three feet, from west to east, leading to the stone spillway (Boulder Zone). Samples B-1 through B-5 were collected in this area.

During the summer months, water then flows over the man-made boulder zone, dropping approximately 10 feet in elevation, and rejoins the water in the main channel further east. Water depth in the area below the boulder zone during the summer months is estimated to be about five feet or greater. In the winter, the area below the boulder zone is dry.

1.3 Field Activities and Sampling Procedures

On December 15, 1998, two IT Corporation geologists performed the sediment sampling task outlined in the Work Plan submitted to Mobil. The Work Plan had been revised to incorporate comments received on September 16, 1998 from Mr. Roger D. Murphy, NYDEC, and Mr. Richard Koeppicus, of the NY Division of Fish, Wildlife, and Marine Resources. A total of twenty-four sediment samples (including a field duplicate) were collected for analysis of semivolatile organic compounds (SVOCs) by EPA Method 8270 B/N, RCRA metals by EPA Methods 6010 and 7471, and total organic carbon (TOC) by EPA Method 9060. After measuring and marking out each sampling point with respect to the previously sampled locations and the three plant outfalls (#2, combined #3, #4 and #5, and #6) a shallow and deep sediment sample were collected at each sampling location (**Figure 2**). The shallow sample consisted of soil material from the surface to approximately 6 inches below surface. The deep sample consisted of sediment material from approximately 2 to 3 feet below grade. A stainless steel spoon was used to collect the shallow samples, after which a clean shovel was used to deepen the hole to approximately 2 feet below grade. The deep sample was then collected with an additional, decontaminated stainless steel spoon and placed in laboratory prepared glassware for analysis. The spoons and shovel were decontaminated using multiple scrubs and rinses as outlined in the Work Plan. A rinsate sample was collected to measure the effectiveness of cleaning procedures and possible cross-contamination between locations.

The laboratory chain of custody was filled out completely and the samples were cooled by packing in ice and transported by overnight courier to Scilab of Albany, Inc. Laboratory results are presented in table format in **Tables 1** and **2**, while the laboratory reports are provided in **Appendix A**.

1.4 Summary of Areas of Investigation

Nothing Near Outfall 6 + MA-11

Three sampling locations were positioned to collect sediments from the areas previously sampled by Tenneco's environmental consultant near the facility's outfalls (**Figure 2**). The positions of the sampling locations were selected to match the previous sampling locations as closely as possible based on the available information. Sample B-4 and B-4A were collected adjacent to Outfall #2 (Tenneco's sample MA-13) and sample B-8 was collected adjacent to combined Outfall #3, #4, and #5 (MA-12). The sample at B-4 was collected beneath Outfall #2 in a drainage rivulet inside a circular boom which was installed at the outfall, while B-4A was collected outside the boom. The sample locations of B-1 through B-5 were upstream of a spillway constructed of large boulders placed by the NYS Canal Authority to deter potential recreational use (swimming, canoeing or kayaking) of this area. The remaining locations were placed in or downstream of this spillway.

2.0 RESULTS

2.1 Total Organic Carbon/Total Solids

Total organic carbon (TOC) in the sediments sampled ranged from 1.61% in B-10D (Deep) to 13.8% in B-1S (Shallow). Sample B-1S was collected in an area of relatively quiet water which was heavily vegetated with cattails, reeds and roots, and the sediment sample consisted of black, richly organic muck. Generally, the other samples collected above the spillway (B-2 through B-5) were subject to little surface water circulation and were comprised of dark, organic-rich sediments. For the samples collected above the spillway, TOC ranged from 4.25% to 13.8% with an average TOC of 5.99%. The shallow samples (B-1S through B-5S) averaged approximately 7.0% TOC while the deep horizon samples (B-1D through B-5D) averaged 5.0% TOC. The average total solids for these samples was 53.2%, indicative of the finer nature of the general grain size of these sediments which were deposited in a relatively quiet water environment.

Sediment samples collected downstream of the canal spillway (B-6 through B-11) contained more coarse-grained material (sand, fine gravel, shells) and had less organic content, ranging between 1.61% and 8.84% and averaging 3.74%. The shallow samples (B-6S through B-11S) averaged approximately 4.15% TOC while the deep horizon samples (B-6D through B-11D) averaged approximately 3.25% TOC. Total solids for the samples located below the spillway averaged 83.6% indicative of the coarser nature of the grain size of these sediments which were deposited in a fast water environment. Tables summarizing the analytical data are attached along with the laboratory report.

2.2 Semivolatile Organic Compounds

The samples collected from each location were analyzed for semivolatile organic compounds (SVOCs) by EPA SW-846 method 8270 (base-neutral fraction). NO SVOCs were detected above the laboratory method detection limits for sediments analyzed from B-1D, B-3S, B-3D, B-4D, B-5S (which was also the blind field duplicate), B-6S, B-6D, B-7S, B-7D, B-8S, B-8D, B-9S, B-9D, B-10S, B-10D, B-11S, and B-11D. Only seven samples had detectable concentrations of SVOCs (B-1S, B-2S, B-2D, B-4AS, B-4AD, B-4S and B-5D), all of which are located above the spillway (**Table 1A** and **Table 1B**).

SVOCs detected in sediment samples included bis(2-ethylhexyl)phthalate and 11 polycyclic aromatic hydrocarbons (PAH) (phenanthrene, anthracene, fluoranthene, pyrene,

benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, and benzo(g,h,i)perylene). Bis(2-ethylhexyl)phthalate was detected in two samples at 6.8 and 13 mg/kg. Pyrene was detected most frequently. It was detected in six samples ranging from 0.46 to 3.9 mg/kg. Fluoranthene was detected in five samples ranging from 0.46 to 3.8 mg/kg. Phenanthrene and benzo(b)fluoranthene were detected in four samples each with concentrations ranging from 0.55 to 2.9 mg/kg and 0.61 to 1.4 mg/kg, respectively. Benzo(a)anthracene and chrysene were detected in three samples each with concentrations ranging from 0.48 to 2.0 mg/kg and 0.51 to 2.1 mg/kg, respectively. The remaining five PAHs were detected in two samples each: anthracene at 0.5 and 0.64 mg/kg, benzo(k)fluoranthene at 0.73 and 0.8 mg/kg, benzo(a)pyrene at 1.22 and 0.8 mg/kg, indeno(1,2,3-c,d)pyrene at 0.82 and 1.3 mg/kg, and benzo(g,h,i)perylene at 0.91 and 1.4 mg/kg.

2.3 Metals

The sediment samples collected during this investigation were analyzed for eight RCRA metals in order to validate the presence and concentrations of these inorganics seen in the previous samples collected in October 1996 by Tenneco. The results of the sample analyses are listed in **Tables 2A** and **2B**. Of the eight metals analyzed, silver was not detected in any of the samples. Concentrations of barium and selenium were detected, but were not elevated. Arsenic, cadmium, chromium, mercury, and lead were found elevated in some samples.

Arsenic was detected in four shallow samples at concentrations ranging between 4.0 and 10.4 mg/kg, and in four deep samples at concentrations ranging from 4.0 to 6.3 mg/kg. Cadmium was only detected in four shallow samples (B-4AS, B-4S, B-8S, and B-9S) at 1.2 to 6.3 mg/kg. Chromium was detected in all samples at concentrations ranging from 3.1 to 68.0 mg/kg in the shallow horizon and between 4.2 and 72.3 mg/kg in the deep samples. Mercury was detected in seven shallow samples at 0.1 to 0.3 mg/kg, and in five deep samples at concentrations of 0.1 to 0.4 mg/kg. Lead was detected in all of the sediment samples at concentrations from 8.8 mg/kg to 1,010 mg/kg in the shallow samples and 3.3 to 220 mg/kg in the deep samples.

3.0 DATA ANALYSIS AND INTERPRETATION

This section presents a discussion of the ecological relevance of the sediment chemistry data in the context of regulatory guidance values, background concentrations, potential habitat value, and the areal extent of contamination.

3.1 Comparison of Detected Concentrations to Applicable Regulatory Criteria and Background Levels

NYSDEC sediment criteria and concentrations of contaminants in background were used as an initial estimator of potential environmental effects. Screening values and eastern US soil background concentrations published by the NYSDEC were used in these comparisons.

3.1.1 Regulatory Criteria

This project consisted of the collection of surface and deeper sediment samples, performed on December 15, 1998, and laboratory chemical analyses. The objective of the sediment sampling and analysis was to confirm data collected in October 1996 by Tenneco and further delineate the horizontal and vertical extent of inorganic analytes within the Erie Canal sediments.

Sediments were analyzed for TOC, SVOCs, and metals. The analytes detected during the sampling were compared to human-health and benthic aquatic-based criteria contained in NYSDEC guidance for contaminated sediments. As stated, the purpose of these guidance values is to be used as screening criteria to identify potential sediment impacts. In accordance with the guidance, contaminated sediments can be identified as one in which the concentration of a contaminant in the sediment exceeds any of the sediment criteria for that contaminant. Subsequent to the identification of contaminated sediments, a site-specific evaluation must be used to quantify the level of risk. Thus, although human health criteria are also used in the initial screening of contaminated sediments, the site-specific evaluation presented later in this report will demonstrate the lack of a significant human health exposure pathway and, thus, no risk to human health. However, the human health-based criteria must be included in the screening process.

The concentrations of SVOCs detected in the sediment samples were compared to screening values published by the New York State Department of Environmental Conservation (NYSDEC), Division of Fish, Wildlife, and Marine Resources, in ***Technical Guidance for Screening Contaminated Sediments*** (1998). The values presented in this guidance document are listed for various potential exposure routes (human health impacts through bioaccumulation, acute

toxicity to benthic aquatic life, chronic toxicity impacts to benthic aquatic life, and impacts to wildlife through bioaccumulation), with a separate screening level provided for each potential exposure route. However, the guidance does not provide screening levels for all exposure routes for all contaminants. The lowest of the available screening levels provided in the guidance were used for the comparisons. Because the screening values for various contaminants published by NYSDEC are carbon normalized sediment criteria (SC_{oc}), site-specific contaminant sediment criteria (SC) were derived for the area above the spillway and downstream of the spillway by multiplying the SC_{oc} value for potential contaminants of interest by the average of the organic carbon content from the samples collected at each area. These values were then tabulated (**Tables 1A** and **1B**) and compared to the most conservative (i.e., lowest) value for each of these potential exposure pathways to screen the site sediment sampling data.

Five samples were found to contain concentrations of SVOCs that exceeded the NYSDEC sediment criteria. The analytes detected above the sediment guidance criteria consisted of PAHs, including benzo(a)anthracene (B-4AS, B-4AD, and B-5D), chrysene (B-4AS, B-4AD, and B-5D), benzo(b)fluoranthene (B-1S, B-4AS, B-4AD, and B-5D), benzo(k)fluoranthene (B-4AS, B-5D), benzo(a)pyrene (B-4AS and B-5D), indeno(1,2,3-c,d)pyrene (B-4AS and B-5D), and bis(2-ethylhexyl)phthalate (B-2D). These compounds have very low sediment guidance values, but are relatively ubiquitous by-products of the combustion of organic materials. The total PAH concentrations detected in the samples ranged from 0.46 to 19.44 milligrams per kilogram (mg/kg), which can be considered relatively low levels that are consistent with or below background levels typically found in soils from urban areas (Magee, Bradley, and Allen; ***Background Levels of Polycyclic Aromatic Hydrocarbons (PAHs) and Selected Metals in New England Urban Soils***, 1994). The detection of these compounds would be expected given the commercial usage of the canal and its location proximate to residential and commercial properties from which the canal receives surface runoff.

The concentrations of the metals detected were compared to the screening values published by NYSDEC. Two levels of sediment criteria levels are listed in the guidance, a Lowest Effect Level (LEL) and Severe Effect Level (SEL). The LEL indicates a level of sediment contamination that can be tolerated by the majority of benthic organisms, but causes toxicity to a few species. The SEL indicates the concentration at which pronounced disturbance of the sediment dwelling community can be expected. No sediment guidance criteria exist for barium or selenium. Concentrations of metals exceeding the LEL or SEL in shallow sediment samples are presented on **Figure 3** and **Figure 4**, respectively. Those exceeding the LEL or SEL in deep sediment samples are presented on **Figure 5** and **Figure 6**, respectively.

Two of the eight detected values for arsenic exceeded the LEL criterion (**Figure 3**), but no values exceeded the SEL criterion. However, as described in the following section, all arsenic concentrations were within the range expected for eastern USA soils (NYSDEC, 1994).

The four detected concentrations of cadmium exceed the LEL for this analyte but not the SEL criterion (**Figure 3**). Ten concentrations of chromium also exceeded the LEL for this analyte (**Figure 3** and **Figure 5**) but none exceeded the SEL criterion. Mercury was detected in twelve samples, nine of which exceeded the LEL for this analyte but not the SEL criterion (**Figure 3** and **Figure 5**). As described below, these concentrations marginally exceed the range expected for eastern USA soils and may be representative of background conditions.

Lead was detected in all 23 samples and exceeded the LEL criterion in 16 samples (**Figure 3**, **Figure 4**, **Figure 5**, and **Figure 6**). The concentrations of lead also exceed the SEL in seven samples (B-1S, B-4AS, B-4S, B-8S, B-10S, B-2D, and B-4AS). However, for all these samples but one (B-4S; 1,010 mg/kg), the lead concentrations detected were within the range expected for eastern USA soil.

3.1.2 Comparison to Background Levels

Background concentrations of potentially hazardous substances can be used to distinguish site-related contamination from naturally occurring or pre-existing concentrations. Naturally occurring background are ambient concentrations of a substance present in the environment prior to waste producing or industrial activities at a site which have not been influenced by human activity. Anthropogenic background concentrations are concentrations of a substance that are due to offsite sources such as industry, vehicles, and agricultural activities. These may occur locally from surface runoff into water bodies or, more widely, from atmospheric deposition that can cause distribution of anthropogenic pollutants over large areas, resulting in concentrations of contaminants considered to be anthropogenic background. It is generally assumed that background concentrations of natural (non-synthetic) compounds are not hazardous, and comparison of site concentrations to background concentrations is a useful tool in the estimation of risk from site-related constituents.

Background concentrations for sediments have not been published by the NYSDEC. However, the subject Erie Canal substrate is dry for approximately one half of the year, and the substrate is derived from soil particles which have been eroded from the surrounding uplands and deposited in the canal spillway. Therefore, background soil concentrations are deemed appropriate for comparison to concentrations in spillway sediments. The background data used for comparisons in this report are soil concentrations presented in the 1994 NYSDEC ***Technical***

and Administrative Guidance Memorandum (TAGM) on Determination of Soil Cleanup Objectives and Cleanup Levels. These are primarily ranges of concentrations found in the Eastern US.

The analytical results for the eight RCRA metals and the Eastern US background concentrations are presented in **Table 2A** and **2B**. Background concentrations are not available for silver. **Tables 3A** and **3B** show sediment samples which exceeded the range of background concentrations in the shallow and deep samples. There are 12 exceedances of the upper background concentration out of 84 metals concentrations in the surface sediments. Cadmium and mercury exceeded background in four samples, chromium in two, and lead and selenium in one sample each. These exceedances were less than twice the upper background range with the exception of cadmium and lead in sample B-4S (6.3 and 2 times upper background, respectively), and selenium in sample B-11S (2.9 times upper background). The limited number of site metals concentrations greater than the background range and the relatively small magnitude of the exceedances indicate that a significant ecological effect related to concentrations of metals in canal spillway surface sediments is unlikely.

The deep sediments, which are isolated from aquatic communities and human contact, had five exceedances of the upper range of background (**Table 3B**) out of the 84 inorganics results. Only one of these, selenium in sample B-4D, was greater than twice the upper background concentration.

3.2 Considerations

Per the NYSDEC ***Technical Guidance for Screening Contaminated Sediment*** (NYSDEC, 1994), sediments with concentrations exceeding the criteria are considered to be contaminated and potentially causing harmful impacts. The criteria are not necessarily concentrations which must be achieved through remediation. Further testing, evaluations, and risk management decisions may be necessary to determine if remediation is appropriate and, if so, what cleanup goals should be achieved. In this section, the areal extent of contamination, the ecological implications of the exceedances of NYSDEC sediment criteria, and the habitat and potential habitat value of the canal spillway are considered.

3.2.1 Areal Extent of Contamination

The potential ecological effects related to elevated sediment concentrations in the Erie Canal Spillway Channel is limited because the aerial extent of contamination is quite small. The channel adjacent to the former Mobil property is approximately 1000 feet in length and less than

100 feet in width. Within this small area, based on the available data, the extent of contamination appears to be limited and lower at the furthest downstream sampling locations (MA-11, B-11). The indication is that constituents are not accumulating to potential effect levels except in a very limited area, and that downstream sediments and aquatic habitats are receiving no deleterious impact. The potential for ecological effects due to site constituents is therefore limited by the small area of contamination as well as the temporal limitation due to draining of the channel in the winter months.

3.2.2 Ecological Implications of Criteria Exceedances

Concentrations of contaminants detected in site sediments were compared to NYSDEC screening criteria in Section 3.1.1. Five samples contained SVOCs at concentrations above the screening criteria; two of these samples were surface sediments. Aquatic organisms in the site area could be exposed to contaminants in the surface sediments; the deep sediments represent material from approximately 2 to 3 feet below grade and would not represent a significant exposure pathway. Therefore, only surface sediment concentrations are considered in this evaluation. Additionally, wildlife feeding on fish or benthic invertebrates may be exposed to contaminants if they are bioaccumulated from sediment.

The SVOCs detected above the sediment screening criteria in surface sediments are six PAHs: benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, and indeno(1,2,3-c,d)pyrene. The screening criteria for these six PAHs are based on protection of human health from use as a water supply or through bioaccumulation, and are not based on protection of ecological receptors. Thus, these screening criteria are not relevant to the assessment of ecological risk. NYSDEC sediment screening criteria for the protection of ecological receptors do not exist for these PAHs; similarly, New York State ambient water quality standards do not exist for any of these six PAHs for the protection of ecological receptors.

Six SVOCs were detected in surface sediments but below the ecological screening criteria: phenanthrene, anthracene, fluoranthene, pyrene, bis(2-ethylhexyl)phthalate, and benzo(g,h,i)perylene. The screening criteria for these contaminants were based on protection of benthic invertebrates from chronic toxicity and are, therefore, applicable to the evaluation of ecological risk. NYSDEC sediment screening criteria for protection of wildlife do not exist for these SVOCs. Thus, all SVOCs detected in sediments were found at concentrations below the applicable ecological-based NYSDEC criteria. All of the sediments with higher concentrations of SVOCs were collected from above the spillway, demonstrating little migration of contaminants downstream. SVOCs are not likely to pose an ecological risk at the site.

Why would we have then sample @ 2-3' & we could discount it? We wouldn't

Seven metals (arsenic, barium, cadmium, chromium, lead, mercury, and selenium) were detected in surface sediments at the site both above and below the spillway. Barium was detected in all sediments at concentrations within the range of soil background (NYSDEC, 1994); no NYSDEC sediment screening criterion exists for barium. Selenium was detected in one sample which was located downstream of the spillway. No NYSDEC sediment screening criterion exists for selenium. NYSDEC sediment screening criteria exist for the remaining five metals for the protection of benthic invertebrates but not for the protection of wildlife. Arsenic was detected in four samples located above the spillway; all but one were below the NYSDEC sediment screening criteria. It was detected in sample B-4S above the LEL but below the SEL. Cadmium, chromium, and mercury were detected in several surface sediment samples above the NYSDEC LEL criteria but below the SEL criteria. Most were within the range of soil background.

Lead was detected in every surface sediment sample at concentrations ranging from 8.8 mg/kg to 1,010 mg/kg. Below the spillway, 3 of the 6 samples had lead concentrations above the LEL (31 mg/kg) and two were above the SEL (110 mg/kg) with concentrations ranging from 134 mg/kg to 334 mg/kg. Above the spillway, all 6 of the samples had lead concentrations above the LEL and 3 were above the SEL with concentrations ranging from 118 mg/kg to 1,010 mg/kg. Though most of the lead concentrations are within the range of soil background, the highest level of lead (1,010 mg/kg) is well above the range of soil background. The samples containing levels of lead above the SEL, and particularly the sample containing lead above the expected range of soil background, merit additional evaluation.

The NYSDEC sediment screening criteria for freshwater metals are derived from two sources, either ER-L and ER-M values from Long and Morgan (1990) or LEL and SEL values from Persaud (1992). The lower of the LEL and ER-L are used as NYSDEC's LEL screening criteria, and the lower of the SEL and ER-M are used as NYSDEC's SEL screening criteria. The NYSDEC SEL screening criterion for lead of 110 mg/kg is an ER-M value.

An ER-M is a concentration of analyte which was associated with observed or predicted adverse effects in half of the studies evaluated in their report (Long and Morgan, 1990). Thus, intuitively it would seem that the ER-M defines the concentration at which toxic effects become probable. However, since the data that were used in determining the ER-M values often come from studies in which multiple contaminants are found, this is not necessarily true. Long et al. (1995) evaluated the predictability of toxicity in marine sediments based on ER-M and ER-L values derived entirely for marine sediments. Though the authors' results are based on marine sediments only, their general conclusions, which are summarized in the paragraph below, are

pertinent and the uncertainty related to the predictability of toxicity in freshwater sediments from criteria based mainly on marine sediments (i.e., ER-L and ER-M values from Long and Morgan [1990]) is even greater.

Long et al. (1998) used an independent data set of 777 sediments with matched toxicity test and chemistry data. Based on this data set, 15% of whole sediment samples were toxic to benthic invertebrates when no ER-M value was exceeded. In samples with one to five ER-M values exceeded only 32% were toxic; thus toxicity is possible but not probable with one to five ER-M values exceeded. Toxicity was probable when six to ten ER-M values were exceeded (52.5% probability) and was likely when eleven or more ER-M values were exceeded (85.0% probability).

Similarly, the potential for ~~toxicity~~ benthic invertebrate toxicity from the sediments in the spillway channel can be assessed by examining the number of ER-M values, for both metals and SVOCs, that are exceeded in each of the samples. **Table 4** lists the ER-L and ER-M values for all analytes which were detected in any surface sample above the NYSDEC criteria.

Unlike the criteria for metals which are ER-L or ER-M values, only a few of the NYSDEC SVOC screening criteria are actually the ER-L or ER-M values. All of the SVOC screening criteria for protection of aquatic life are derived from the equilibrium partitioning approach (DiToro et al., 1991) and are generally greater than the ER-L and ER-M values. However, for comparison to the Long et al. (1998) results, the lower ER-M values for SVOCs are used in the evaluation. For each sample, **Table 4** indicates an exceedance of the ER-M value with a "1" and no exceedance with a "0". The total number of ER-M values exceeded is listed at the bottom of the table.

For the six samples located above the spillway all of which had NYSDEC screening criteria exceeded, two of the samples had no ER-M values exceeded. Toxicity in these samples is unlikely. In the two samples located below the spillway which had NYSDEC screening criteria exceeded and one of the samples located above the spillway, only one analyte exceeded the ER-M value. In all three cases, this was for lead. In the other two samples located above the spillway (B-4AS and B-4S), there were 3 and 4 ER-M values exceeded, respectively. These were for lead and a few PAHs. Though toxicity in these sediments is possible, based on the Long et al. (1998) results, toxicity with less than five ER-M values exceeded is less than 50% probable. Based on the low number of ER-M values exceeded, toxic impacts to the benthic community are not expected in the spillway channel sediments.

No Tables

3, A + B or

4

3.2.3 Habitat

The potential ecological value of an aquatic habitat is dependant upon the quality and composition of the habitat's physical components. Healthy, high quality systems are characterized by a diverse habitat that has many ecological niches available. In flowing waters, important components of the physical habitat include:

- Variation in the stream bed including sinuosity and patterns of velocity and depth
- Vegetative condition of the stream banks and riparian zone
- Diversity of natural features such as rocks, cobbles, gravel and logs
- Degree to which gravel, cobbles and rocks are covered with sand, silt or mud
- Uniformity of pool substrates and depth
- Sediment deposition
- Channel flow status (the degree to which the channel is filled with water)
- Channelization (straightening, deepening, diversion into concrete channels, etc.)
- Bank Stability.

These components will be present in a range from optimal to poor as to their effect on aquatic ecosystem quality. The value of the aquatic habitat in the Erie Canal spillway adjacent to the former Mobil facility is limited by most of these factors, primarily because the spillway channel is not a natural feature but a man-made structure related to the Erie Canal's lock system. The stream channel is straight and the banks are stabilized, without the bends and undercuts that would be present in a natural stream. The man-made structures in the stream channel, such as the stone wall downstream of the old lock, result in variation in current velocity and depositional areas, and therefore, variation in the particle size and organic content of the substrate. However, the variation is much less than would be present in a high quality natural system, resulting in fewer habitat types available for colonization by benthic organisms. Also, high quality natural streams are protected by a vegetated riparian zone that helps to control pollutant run-off. The spillway channel has essentially no riparian zone, and has no buffer against the surface run-off from adjacent industrial properties.

The most significant factor that limits the potential of the aquatic habitat in the spillway channel is the flow status (i.e., the anthropogenic seasonally intermittent water flow in the channel). Zero flow and complete drying of the stream bed for five months in late fall, winter and early spring creates a degree of environmental stress that few species can tolerate. Although some benthic invertebrates will re-colonize an area relatively quickly if a "refuge", or source of organisms, is present, the benthic community in the spillway channel must remain sparse and immature even during late summer. Mollusks and many species of insects with aquatic larvae are unable to complete a life cycle in the short period that the spillway channel is flooded.

Following are life cycle descriptions of common benthic macroinvertebrates which might colonize Erie Canal Spillway sediments (Bode, et. al., 1993; Peckarsky, et. al., 1990; Pennak, 1989). Mayfly nymphs (Ephemeroptera) develop over a period of two weeks to two years. Most species of mayfly produce one generation per year (univoltine) and others produce several generations per year (multivoltine). Mayflies generally overwinter as nymphs which would be impossible in the canal spillway which is drained in winter.

Several species of caddisflies are found in the Canal sediments (Bode et. al., 1993). Most species of caddisflies (Trichoptera) produce one generation per year. However, some produce multiple generations per year, while others develop over the course of two years. Caddisflies eggs can survive drying, and possibly may remain viable over the period that the spillway is drained.

Most dragonfly and damselfly nymphs (Odonata) produce one generation per year but some species may take five years to develop. Dragonfly and damselfly nymphs usually overwinter as eggs or as nymphs, and would therefore be unlikely to complete a life cycle in the spillway habitat.

Aquatic dipteran larvae develop over a period of a few weeks to two years, however, most dipterans produce one generation per year, and might be able to complete a life cycle in the short time that the canal spillway is flooded.

A majority of aquatic beetle species (Coleoptera) produce one generation per year, however, some species produce multiple generations per year. The adults of some species of aquatic beetles are able to live for several years. They would not survive the prolonged drying of the habitat.

Aquatic amphipods generally complete their life cycle in one year or less, but overwinter as adults, and would not survive the prolonged drying of the habitat.

Mollusks including gastropods (snails) and bivalves (clams and mussels) require one to eight years to reach reproductive maturity, and would be unlikely to reproduce in the short period that the spillway is flooded They would not survive the winter in the drained habitat.

The following table presents some common invertebrates known to inhabit the Erie Canal in the vicinity of the Mobil Macedon Site (Bode et. al., 1993), and indicates their likelihood of maintaining a population in the spillway habitat given the seasonally intermittent flow and lengthy drying of the sediments during the winter months.

Common Erie Canal Invertebrate Species	Reproduce In One Season?	Survive Over Winter in Drained Habitat?
Mayflies (ex. *Stenonema* sp.)	Unlikely	No
Caddisflies (ex. *Hydropsyche* sp.)	Yes	Possible
Damselflies (ex. Coenagrionidae)	No	No
Midges (ex.*Dicrotendipes* sp.)	Yes	No
Aquatic Beetles (ex. Elmidae)	Unlikely	No
Amphipods (ex. *Gammarus* sp.)	Unlikely	No
Gastropods (ex. *Ferrissia* sp.)	Unlikely	No
Bivalves (ex. *Dreissena* sp.)	No	No

It can be seen from the above descriptions that because of the draining of the canal for extended periods, most common members of the benthic invertebrate community are incapable of inhabiting the Erie Canal Spillway sediments except sporadically for short periods of time. Most species are unlikely to complete a life cycle in the relatively brief time that the canal is flooded, and the vast majority of invertebrate species cannot survive the extended period that the habitat is drained. Because of the winter draining and other factors previously described, the benthic habitat in the Erie Canal spillway channel is judged to be of low quality, and has very limited potential as productive benthic habitat.

In addition, because of its low quality habitat, relatively small area and seasonal drying, the canal is not a significant habitat or food resource area for organisms such as fish and amphibians that prey on aquatic benthos. Therefore, the benthic invertebrate populations that may inhabit the canal spillway do not constitute an important ecological resource, and contaminant related impacts to these organisms will have negligible effect on vertebrate populations.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Steps in using the sediment criteria in risk management decisions are outlined in the ***Technical Guidance for Screening Contaminated Sediment*** (NYSDEC, 1994). These steps include:

- Comparing contaminant concentrations to criteria in order to determine the area/volume of contamination and the significance of criteria exceedances,
- Comparing concentrations to background concentrations,
- Verifying the need for remediation based on various factors.

The factors to be considered in determining the need for remediation include persistence, uncertainty inherent in the criteria, degree of ecological impairment at the site, results of site-specific toxicity testing, and bioaccumulation as determined by tissue analyses. Toxicity testing and bioaccumulation studies have not been conducted, but the other decision criteria have been considered in this investigation.

A summary of the conclusions derived from this evaluation are as follows:

- Surficial sediments exceed criteria for several PAHs and a few metals.
- Because of the absence of a complete pathway to humans, remediation of PAHs is not warranted based on human health concerns.
- There wre no PAH excursions of ecological criteria. All criteria that were exceeded by metals are based on toxicity to benthic organisms.
- PAH concentrations found in the surface sediments are typical of soils found in urban areas as a result of surface runoff or atmospheric deposition.
- Four metals were found to exceed the LEL criteria, but only lead exceeds the SEL criterion. The LEL and SEL criteria are based on protection of benthic organisms.
- None of the contaminants for which NYSDEC sediment screening criteria exits for the protection of wildlife from consumption of fish and benthic invertebrates were detected in site sediments.

- The criteria excursions were limited to areas closest to the southern shore of the canal.
- The concentration of lead in one sample (B-4S) near Outfall 2 was significantly above the expected range of background. Other metals were within or marginally above the range of background.
- Though all of the metals detected above NYSDEC screening criteria are considered to be persistent, based on the organic carbon content of the sediments (an average of 7% in surface sediments above the spillway and of 4.15% below the spillway) deposition is likely to occur which would tend to further bury the sediments, reducing the potential for exposure.
- The evaluation of the potential for impact performed by evaluating the number of ER-M excursions showed that only the two samples (B-4AS and B-4S) located nearest Outfall 2 had more than one ER-M exceedance, and none had the more than 5 ER-M exceedances that would indicate that toxicity is probable.
- The assessment of the predictability of toxicity based on criteria values (Long et al., 1998) indicated that toxicity is quite unlikely throughout most of the site.
- The existing benthic habitat is of low quality and low productivity primarily due to the fact that the spillway is drained in the winter months.
- The benthic organisms that seasonally inhabit the canal spillway are not an important food resource for fish and other vertebrates.
- Based on the low probability of toxicity, the very limited extent of contamination where toxicity is possible, and the poor habitat potential of the site, remediation of sediment based on metals concentrations is not warranted based on ecological concerns.

In addition to the above factors, it should be noted that there is considerable uncertainty regarding ecological effects at the concentrations presented as sediment criteria. The NYSDEC guidance suggests that for risk management decisions, the range of uncertainty associated with the toxicity criteria should be regarded as 1/5 to 5 times the tabulated value. Bioaccumulation of these analytes is highly variable and dependent on the form of the substance, how it enters an organism, and many other environmental conditions. Toxicity-mitigating factors, such as organic content of the sediments, acid volatile sulfide concentrations, particle size distribution, or iron and manganese oxide content were not considered when deriving the guidelines. Waters that are more eutrophic (i.e., nutrient-rich) are able to cause metals to be complexed to a greater

extent into biologically unavailable forms enabling exposed organisms to tolerate higher total metals concentrations. The NYSDEC guidance states that one of the limitations to the sediment criteria for metals is that they may be over-protective when applied to more eutrophic waters where there would be a greater concentration of metal-complexing ligands that would decrease the bioavailability of the metals. The potential effects from metals in the spillway sediments is likely to be overestimated. Accordingly, potential effects concentrations are commonly used as guidance values rather than regulatory criteria.

In summary, although the spillway sediments contain PAH concentrations that exceed a limited number of human health based criteria, and metals concentrations that exceed criteria based on toxicity to benthic invertebrates, the many mitigating factors discussed in this report indicate that there is a very low probability of adverse human health effects or of significant impacts to aquatic biota. Therefore, remedial action for the purpose of reducing contaminant concentrations in spillway sediments would not result in a significant environmental benefit and is not recommended.

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TABLES

Why wasn't
7D
sampled?

IT CORPORATION
CANAL SEDIMENT ANALYTICAL DATA
Mobil Chemical Company, Macedon, New York

IT CORPORATION
A Member of the IT Group

TABLE 1A
SHALLOW SEDIMENTS
Semi-Volatile Organic Compound Analytical Results

values in mg/Kg

		Spillway Area Sampling Locations							Downstream Sampling Areas						
Semi-volatile organic compounds	Site-Specific Sediment Criteria1	B-1S	B2-S	B-3S	B-4AS	B-4S	B-5S	Site-Specific Sediment Criteria1	B-6S	B-7S	B-8S	B-9S	B-10S	B-11S
Method/Analyte	(SC, mg/kg)	12/16/98	12/16/98	12/16/98	12/16/98	12/16/98	12/16/98	(SC, mg/kg)	12/16/98	12/16/98	12/16/98	12/16/98	12/16/98	12/16/98
EPA 9060 (Units: percent/%)														
Total Organic Carbon (TOC)	N/A	13.8	6.17	5.83	6.83	4.61	4.74	N/A	3.45	4.39	4.22	8.84	1.96	2.02
Average TOC for Area	N/A	7.00						N/A	4.15					
EPA 8270 (Units: mg/kg dry wt.)														
Bis(2-Chloroethyl)Ether	0.002 HH	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	0.001 HH	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
1,3-Dichlorobenzene	0.840 BACT	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	0.498 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
1,4-Dichlorobenzene	0.840 BACT	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	0.498 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
1,2-Dichlorobenzene	0.840 BACT	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	0.498 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
bis(2-Chloroisopropyl) ether	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
N-Nitroso-Di-N-Propylamine	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Hexachloroethane	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Nitrobenzene	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Isophorone	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Bis(2-Chloroethoxy)Methane	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
1,2,4-Trichlorobenzene	6.367 BACT	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	3.773 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Naphthalene	2.099 BACT	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	1.244 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Hexachlorobutadiene	0.021 HH	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	0.012 HH	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Hexachlorocyclopentadiene	0.308 BACT	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	0.182 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
2-Chloronaphthalene	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Dimethylphthalate	N/A	<0.750	<0.650	<0.810	<0.540	<4.600	<0.540	N/A	<0.360	<0.570	<0.400	<0.410	<0.370	<0.360
Acenaphthylene	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Acenaphthene	9.795 BACT	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	5.805 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
2,6-Dinitrotoluene	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
2,4-Dinitrophenol	0.035 BACT	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	0.021 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Diethylphthalate	N/A	<0.750	<0.650	<0.810	<0.540	<4.600	<0.540	N/A	<0.360	<0.570	<0.400	<0.410	<0.370	<0.360
4-Chlorophenyl-Phenylether	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Fluorene	0.560 BACT	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	0.332 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
N-Nitrosodiphenylamine	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
4-Bromophenyl-Phenylether	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Hexachlorobenzene	0.010 HH	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	0.006 HH	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Phenanthrene	8.396 BACT	<0.380	<0.330	<0.400	1.5	2.9	<0.270	4.976 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Anthracene	7.486 BACT	<0.380	<0.330	<0.400	0.5	<2.300	<0.270	4.437 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Di-N-Butylphthalate	N/A	<0.750	<0.650	<0.810	<0.540	<4.600	<0.540	N/A	<0.360	<0.570	<0.400	<0.410	<0.370	<0.360
Fluoranthene	71.366 BACT	0.46	<0.330	<0.400	2.2	3.8	<0.270	42.296 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Pyrene	67.238 BACT	0.76	0.46	<0.400	2.4	3.9	<0.270	39.849 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Butylbenzylphthalate	N/A	<0.750	<0.650	<0.810	<0.540	<4.600	<0.540	N/A	<0.360	<0.570	<0.400	<0.410	<0.370	<0.360
Benzo(a)anthracene	0.091 HH	<0.380	<0.330	<0.400	1.6	<2.300	<0.270	0.054 HH	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
3,3'-Dichlorobenzidine	N/A	<0.750	<0.650	<0.810	<0.540	<4.600	<0.540	N/A	<0.360	<0.570	<0.400	<0.410	<0.370	<0.360
Chrysene	0.091 HH	<0.380	<0.330	<0.400	1.4	<2.300	<0.270	0.054 HH	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Bis(2-Ethylhexyl)Phthalate	13.958 BACT	<0.750	<0.650	<0.810	<0.540	6.8	<0.540	8.273 BACT	<0.360	<0.570	<0.400	<0.410	<0.370	<0.360
Di-N-Octylphthalate	N/A	<0.750	<0.650	<0.810	<0.540	<4.600	<0.540	N/A	<0.360	<0.570	<0.400	<0.410	<0.370	<0.360
Benzo(b)fluoranthene	0.091 HH	0.81	<0.330	<0.400	0.98	<2.300	<0.270	0.054 HH	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Benzo(k)fluoranthene	0.091 HH	<0.380	<0.330	<0.400	0.73	<2.300	<0.270	0.054 HH	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Benzo(a)pyrene	0.091 HH	<0.380	<0.330	<0.400	1.22	<2.300	<0.270	0.054 HH	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Indeno(1,2,3-cd)pyrene	0.091 HH	<0.380	<0.330	<0.400	0.82	<2.300	<0.270	0.054 HH	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Dibenzo(a,h)anthracene	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
Benzo(g,h,i)perylene	N/A	<0.380	<0.330	<0.400	0.91	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
2-Methylnaphthalene	2.379 BACT	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	1.410 BACT	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
3-Nitroaniline	N/A	<1.900	<1.600	<2.000	<1.4	<12.000	<1.400	N/A	<0.890	<1.400	<1.000	<1.000	<0.920	<0.890
Dibenzofuran	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
1,2,4,5-Tetrachlorobenzene	N/A	<0.380	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
4-Nitroaniline	N/A	<1.900	<1.600	<2.000	<1.4	<12.000	<1.400	N/A	<0.890	<1.400	<1.000	<1.000	<0.920	<0.890
4-Chloroaniline	N/A	<0.038	<0.330	<0.400	<0.270	<2.300	<0.270	N/A	<0.180	<0.290	<0.200	<0.200	<0.180	<0.180
2-Nitroaniline	N/A	<1.900	<1.600	<2.000	<1.4	<12.000	<1.400	N/A	<0.890	<1.400	<1.000	<1.000	<0.920	<0.890

TABLE 1B
DEEP SEDIMENTS
Semi-Volatile Organic Compound Analytical Results

values in mg/Kg

		Spillway Area Sampling Locations							Downstream Sampling Areas						
Semi-volatile organic compounds	Site-Specific Sediment Criteria1	B-1D	B2-D	B-3D	B-4AD	B-4D	B-5D	Site-Specific Sediment Criteria1	B-6D	Not	B-8D	B-9D	B-10D	B-11D
Method/Analyte	(SC, mg/kg)	12/16/98	12/16/98	12/16/98	12/16/98	12/16/98	12/16/98	(SC, mg/kg)	12/16/98	Sampled	12/16/98	12/16/98	12/16/98	12/16/98
EPA 9060 (Units: percent/%)														
Total Organic Carbons (TOC)	N/A	5.06	4.25	4.81	5.88	4.49	5.46	N/A	2.2		1.88	6.9	1.61	3.67
	N/A	4.99						N/A	3.25					
EPA 8270 (Units: mg/kg dry wt.)														
Bis(2-Chloroethyl)Ether	0.001 HH	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	0.001 HH	<0.200		<0.190	<0.220	<0.190	<0.180
1,3-Dichlorobenzene	0.599 BACT	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	0.390 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
1,4-Dichlorobenzene	0.599 BACT	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	0.390 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
1,2-Dichlorobenzene	0.599 BACT	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	0.390 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
bis(2-Chloroisopropyl) ether	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
N-Nitroso-Di-N-Propylamine	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
Hexachloroethane	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
Nitrobenzene	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
Isophorone	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
Bis(2-Chloroethoxy)Methane	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
1,2,4-Trichlorobenzene	4.542 BACT	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	2.959 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
Naphthalene	1.498 BACT	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	0.976 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
Hexachlorobutadiene	0.015 HH	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	0.010 HH	<0.200		<0.190	<0.220	<0.190	<0.180
Hexachlorocyclopentadiene	0.220 BACT	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	0.143 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
2-Chloronaphthalene	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
Dimethylphthalate	N/A	<0.510	<6.600	<0.750	<0.660	<0.640	<0.460	N/A	<0.400		<0.390	<0.430	<0.380	<0.370
Acenaphthylene	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
Acenaphthene	6.988 BACT	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	4.553 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
2,6-Dinitrotoluene	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
2,4-Dinitrophenol	0.025 BACT	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	0.016 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
Diethylphthalate	N/A	<0.510	<6.600	<0.750	<0.660	<0.640	<0.460	N/A	<0.400		<0.390	<0.430	<0.380	<0.370
4-Chlorophenyl-Phenylether	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
Fluorene	0.399 BACT	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	0.260 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
N-Nitrosodiphenylamine	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
4-Bromophenyl-Phenylether	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
Hexachlorobenzene	0.007 HH	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	0.005 HH	<0.200		<0.190	<0.220	<0.190	<0.180
Phenanthrene	5.990 BACT	<0.250	<3.300	<0.380	0.55	<0.320	2.2	3.902 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
Anthracene	5.341 BACT	<0.250	<3.300	<0.380	<0.330	<0.320	0.64	3.480 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
Di-N-Butylphthalate	N/A	<0.510	<6.600	<0.750	<0.660	<0.640	<0.460	N/A	<0.400		<0.390	<0.430	<0.380	<0.370
Fluoranthene	50.915 BACT	<0.250	<3.300	<0.380	0.74	<0.320	2.6	33.170 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
Pyrene	47.970 BACT	<0.250	<3.300	<0.450	0.96	<0.320	3.2	31.252 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
Butylbenzylphthalate	N/A	<0.510	<6.600	<0.750	<0.660	<0.640	<0.460	N/A	<0.400		<0.390	<0.430	<0.380	<0.370
Benzo(A)Anthracene	0.065 HH	<0.250	<3.300	<0.380	0.48	<0.320	2	0.042 HH	<0.200		<0.190	<0.220	<0.190	<0.180
3,3'-Dichlorobenzidine	N/A	<0.510	<6.600	<0.750	<0.660	<0.640	<0.460	N/A	<0.400		<0.390	<0.430	<0.380	<0.370
Chrysene	0.065 HH	<0.250	<3.300	<0.380	0.51	<0.320	2.1	0.042 HH	<0.200		<0.190	<0.220	<0.190	<0.180
Bis(2-Ethylhexyl)Phthalate	9.958 BACT	<0.510	13.000	<0.750	<0.660	<0.640	<0.460	6.488 BACT	<0.400		<0.390	<0.430	<0.380	<0.370
Di-N-Octylphthalate	N/A	<0.510	<6.600	<0.750	<0.66	<0.640	<0.460	N/A	<0.400		<0.390	<0.430	<0.380	<0.370
Benzo(B)Fluoranthene	0.065 HH	<0.250	<3.300	<0.380	0.61	<0.320	1.4	0.042 HH	<0.200		<0.190	<0.220	<0.190	<0.180
Benzo(K)Fluoranthene	0.065 HH	<0.250	<3.300	<0.380	<0.330	<0.320	0.8	0.042 HH	<0.200		<0.190	<0.220	<0.190	<0.180
Benzo(A)Pyrene	0.065 HH	<0.250	<3.300	<0.380	<0.330	<0.320	1.8	0.042 HH	<0.200		<0.190	<0.220	<0.190	<0.180
Indeno(1,2,3-Cd)Pyrene	0.065 HH	<0.250	<3.300	<0.380	<0.330	<0.320	1.3	0.042 HH	<0.200		<0.190	<0.220	<0.190	<0.180
Dibenzo(A,H)Anthracene	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
Benzo(G,H,I)Perylene	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	1.4	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
2-Methylnaphthalene	1.697 BACT	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	1.106 BACT	<0.200		<0.190	<0.220	<0.190	<0.180
3-Nitroaniline	N/A	<1.300	<17.000	<1.900	<1.700	<1.600	<1.200	N/A	<0.990		<0.970	<1.100	<0.950	<0.920
Dibenzofuran	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
1,2,4,5-Tetrachlorobenzene	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
4-Nitroaniline	N/A	<1.300	<17.000	<1.900	<1.700	<1.600	<1.200	N/A	<0.990		<0.970	<1.100	<0.950	<0.920
4-Chloroaniline	N/A	<0.250	<3.300	<0.380	<0.330	<0.320	<0.230	N/A	<0.200		<0.190	<0.220	<0.190	<0.180
2-Nitroaniline	N/A	<1.300	<17.000	<1.900	<1.700	<1.600	<1.200	N/A	<0.990		<0.970	<1.100	<0.950	<0.920

Legend:
1 Derived from values in NYSDEC Technical Guidance for Screening Contaminated Sediments, January 1999, at applicable average TOC concentration
N/A = None Available
Sediment guidance value criteria:
HH Human health Bioaccumulation criteria
BACT Benthic Aquatic Life Chronic Toxicity Criteria
Red Values denote concentrations exceeding NYSDEC Sediment Cleanup Objective (NYSDEC TAGM 4046, 1/24/94)

IT CORPORATION
CANAL SEDIMENT ANALYTICAL DATA
Mobil Chemical Company, Macedon, New York

IT CORPORATION
A Member of the IT Group

TABLE 2 A
SHALLOW SEDIMENTS
Inorganic/Metal Analytical Results
values in mg/Kg

METALS	Sediment Criteria for Metals1		Eastern USA	B-1S	B-2S	B-3S	B-4AS	B-4S	B-5S	B-6S	B-7S	B-8S	B-9S	B-10S	B-11S
Method/Analyte	LEL	SEL	Background 2	12/15/98	12/15/98	12/15/98	12/15/98	12/15/98	12/15/98	12/15/98	12/15/98	12/15/98	12/15/98	12/15/98	12/15/98
EPA 160.3															
Solids, Total (%)	NV	NV	NV	43.2	50.1	40.4	61	72.1	60.7	93.3	57.9	81.9	79.8	90.7	92.6
EPA 6010 (Units: mg/kg dry wt.)															
Arsenic	6.00	33.00	3-12	4	4.5	4.7	<3.2	10.4	<2.4	<10.8	<0.5	<2.2	<28.8	<9.9	<4.0
Barium	NV	NV	15-600	75.4	102	97.5	69	103	96.4	8.4	103	56.8	48.6	16.1	22.1
Cadmium	0.60	9.00	0.1-1	<0.5	<1.3	<1.8	1.9	6.3	<1.2	<0.5	<0.5	1.3	1.2	<0.5	<0.9
Chromium	26.00	110.00	1.5-40	35.4	28	24.5	31.8	68	24.8	3.2	5.9	54.9	3.1	32.7	10.1
Lead	31.00	110.00	200-500	231	57.8	46.6	118	1010	50.2	15.6	11.2	334	8.8	134	24.3
Selenium	NV	NV	0.1-3.9	<6	<15.6	<21.8	<19.3	<0.6	<14.3	<6	<15.7	<13.1	<13.9	<6	11.2
Silver	1.00	2.20	NA	<1.0	<2.6	<3.6	<3.2	<1.0	<2.4	<1	<2.6	<2.2	<2.3	<1.0	<1.9
EPA 7471 (Units: mg/kg dry wt.)															
Mercury	0.15	1.30	0.001-0.2	0.3	0.3	0.3	0.3	0.2	0.2	<0.1	<0.1	0.1	<0.1	<0.1	<0.1

TABLE 2B
DEEP SEDIMENTS
Inorganic/Metal Analytical Results
values in mg/Kg

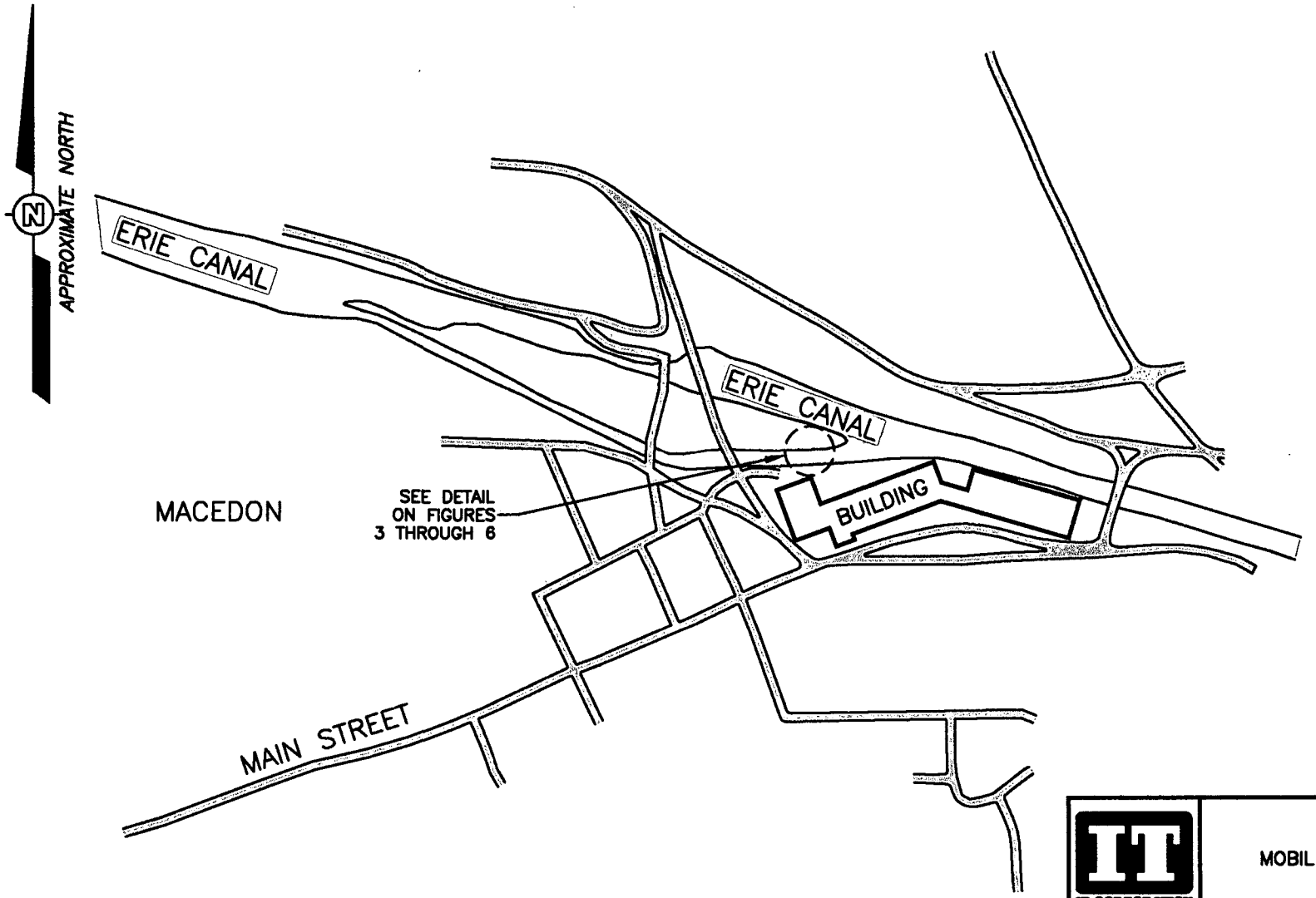
METALS	Sediment Criteria for Metals1		Eastern USA	B-1D	B-2D	B-3D	B-4AD	B-4D	B-5D	B-6D	Not	B-8D	B-9D	B-10D	B-11D
Method/Analyte	LEL	SEL	Background 2	12/15/98	12/15/98	12/15/98	12/15/98	12/15/98	12/15/98	12/15/98	Sampled	12/15/98	12/15/98	12/15/98	12/15/98
EPA 160.3															
Solids, Total (%)	NV	NV	NV	64.3	49.3	44.3	49.3	50.7	53.3	83.3		86.1	76.2	87.5	90.2
EPA 6010 (Units: mg/kg dry wt.)															
Arsenic	6.00	33.00	3-12	<3.2	<0.5	5.6	6.3	5.4	4	<3.3		<2.7	<14.5	<2.1	<8.9
Barium	NV	NV	15-600	42.8	77	105	104	111	88.2	<10.7		10.8	34.5	18	19.1
Cadmium	0.60	9.00	0.1-1	<1.6	<0.5	<1.6	<1.6	<0.5	<0.5	<1.1		<0.5	<0.5	<1.0	<0.9
Chromium	26.00	110.00	1.5-40	10.5	72.3	26.1	40.3	29.8	20	4.2		6.6	7.2	14.9	24
Lead	31.00	110.00	200-500	29.4	220	56.1	137	66.8	51.1	3.3		14.3	52.6	46.1	35.4
Selenium	NV	NV	0.1-3.9	<19.4	<6	<19.6	<18.7	22.3	<6	<12.9		<6	<6	<12.5	<10.7
Silver	1.00	2.20	NA	<3.2	<1.0	<3.3	<3.1	<1.0	<1.0	<2.1		<1.0	<1.0	<2.1	<1.8
EPA 7471 (Units: mg/kg dry wt.)															
Mercury	0.15	1.30	0.001-0.2	0.1	0.2	0.3	<0.1	0.1	0.4	<0.1		<0.1	<0.1	<0.1	<0.1

Legend:
1 NYSDEC Technical Guidance for Screening Contaminated Sediments, January 1999
2 NYSDEC TAGM 4046, Determination of Soil Clean-Up Objectives and Clean-up Levels. November 1994
NV = No Value available from referenced guidance
Blue Values denote concentrations greater than Lowest Effect Level (NYSDEC, January 1999)
Red Values denote concentrations greater than Severe Effect Level (NYSDEC, January 1999)

905-9-91

FIGURES

IMAGE	X-REF	OFFICE	DRAWN BY		CHECKED BY		APPROVED BY		DRAWING NUMBER
---	---	ALB	SSH	01-28-01					5794-ECM



DRAWING NOT TO SCALE

IT CORPORATION

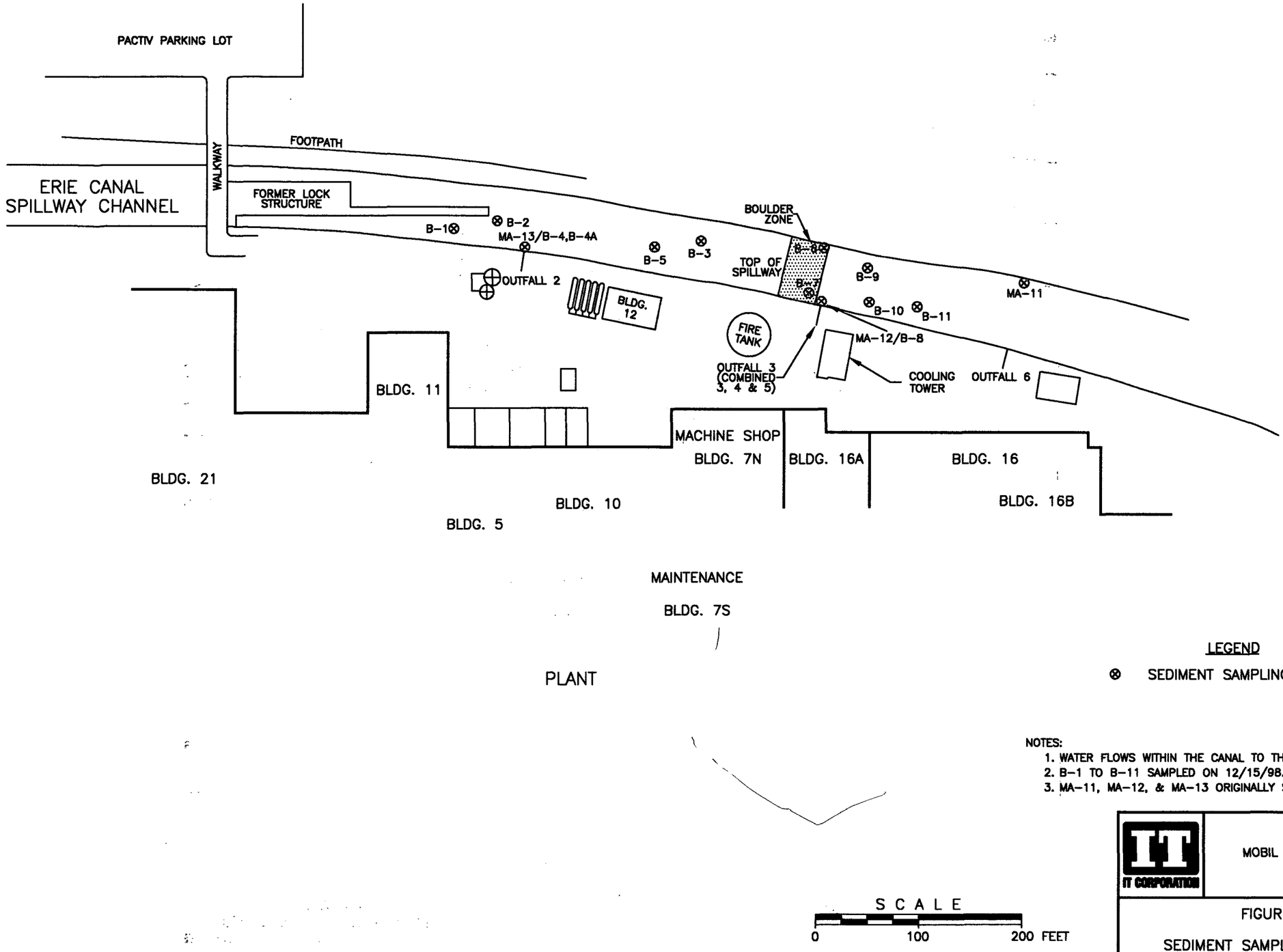
MOBIL OIL CORPORATION

FIGURE 1

ERIE CANAL AREA MAP
200 EAST MAIN STREET
MACEDON, NEW YORK

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY
5794-STE			01-28-01

IMAGE	X-REF	OFFICE	DRAWN BY
---	---	ALB	SSH



LEGEND

⊗ SEDIMENT SAMPLING LOCATION

NOTES:

1. WATER FLOWS WITHIN THE CANAL TO THE EAST.
2. B-1 TO B-11 SAMPLED ON 12/15/98.
3. MA-11, MA-12, & MA-13 ORIGINALLY SAMPLED ON 10/31/96.

SCALE

0 100 200 FEET

IT CORPORATION

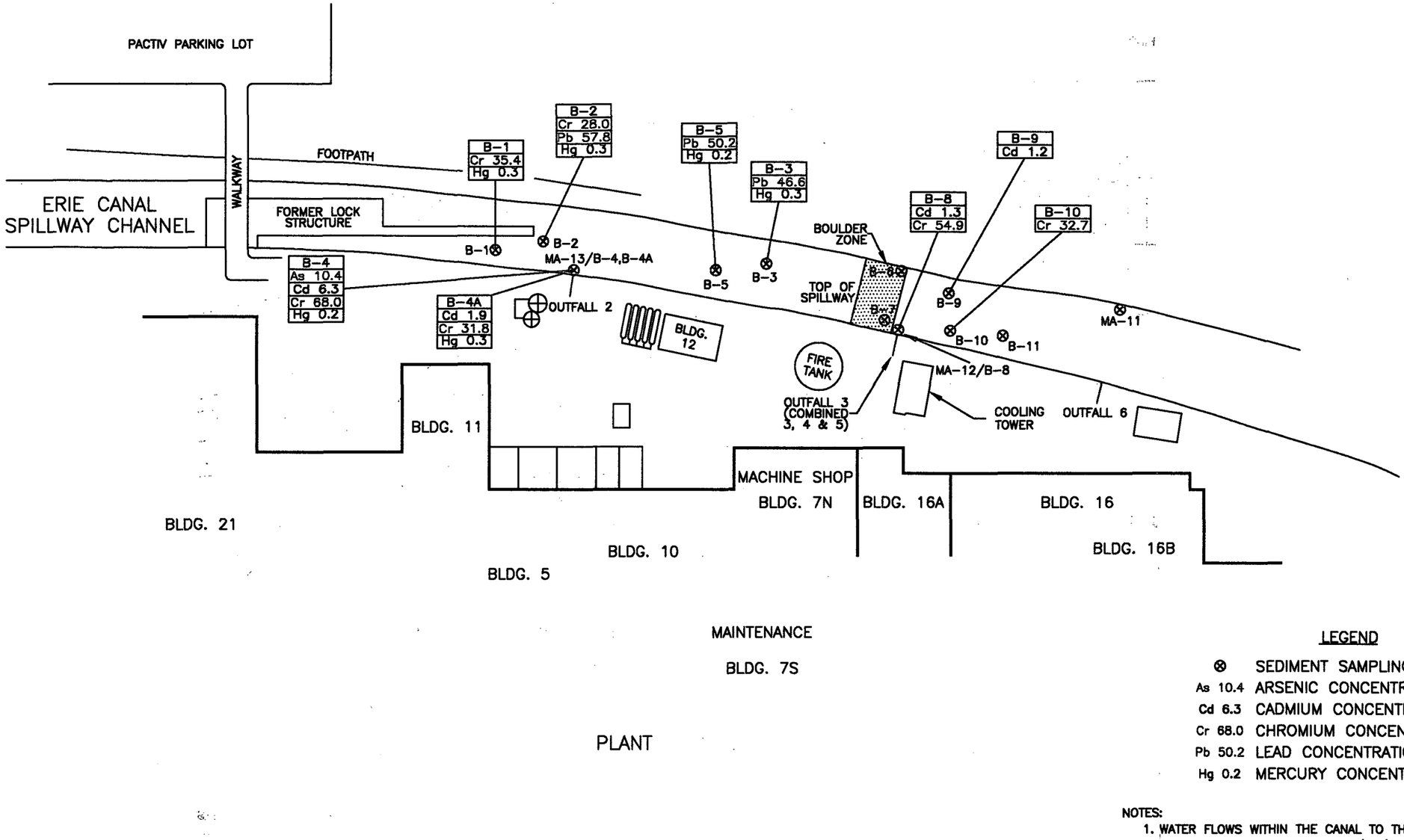
MOBIL OIL CORPORATION

FIGURE 2

SEDIMENT SAMPLING LOCATION
200 EAST MAIN STREET
MACEDON, NEW YORK

IMAGE	X-REF	OFFICE	DRAWN BY	DRAWING NUMBER
---	---	ALB	SSH 01-28-01	5794--SS3

APPROVED BY	CHECKED BY



LEGEND

⊗	SEDIMENT SAMPLING LOCATION
As 10.4	ARSENIC CONCENTRATION
Cd 6.3	CADMIUM CONCENTRATION
Cr 68.0	CHROMIUM CONCENTRATION
Pb 50.2	LEAD CONCENTRATION
Hg 0.2	MERCURY CONCENTRATION

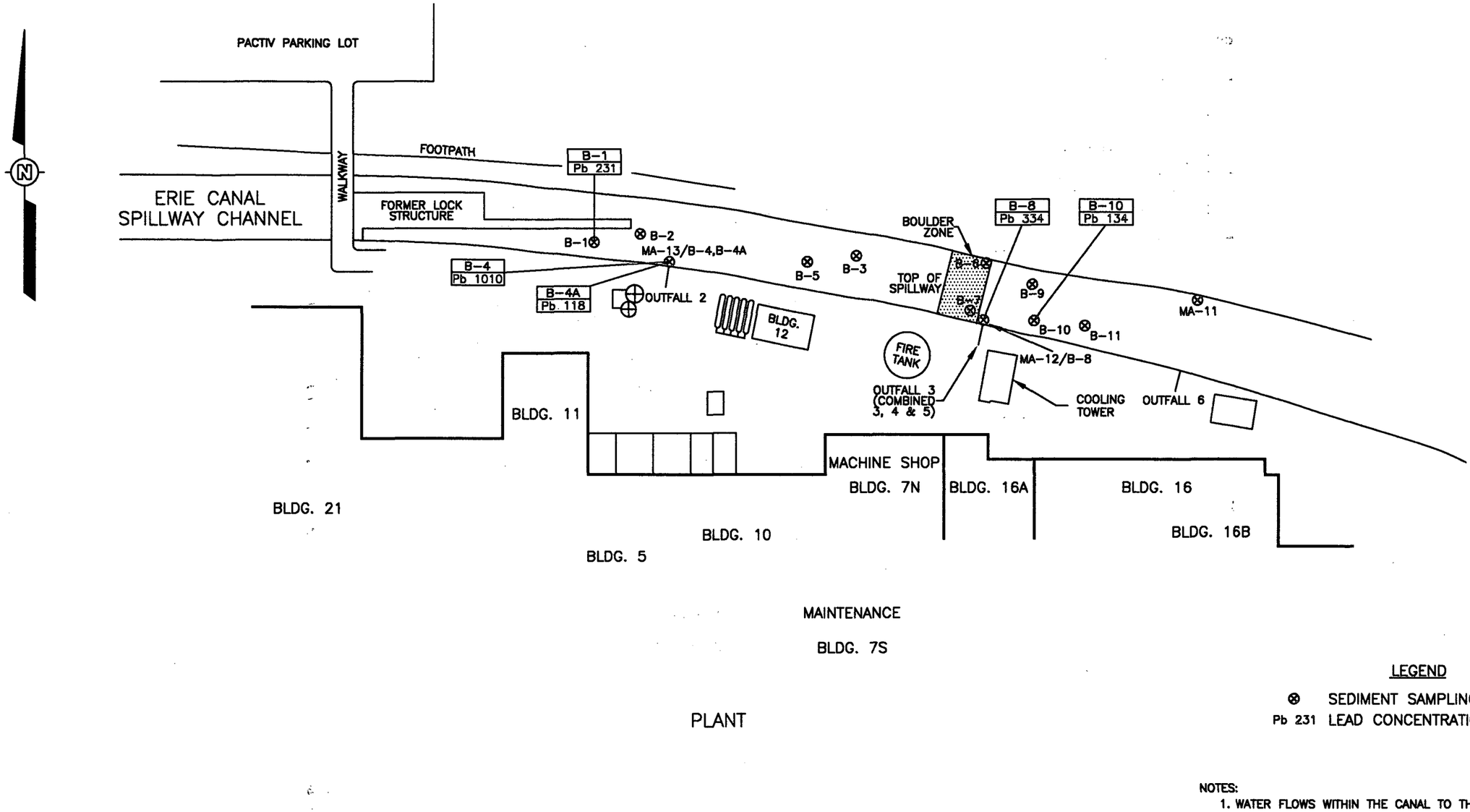
NOTES:
1. WATER FLOWS WITHIN THE CANAL TO THE EAST.
2. B-1 TO B-11 SAMPLED ON 12/15/98.
3. MA-11, MA-12, & MA-13 ORIGINALLY SAMPLED ON 10/31/96.

SCALE
0 100 200 FEET

IT CORPORATION

MOBIL OIL CORPORATION

FIGURE 3
SHALLOW SEDIMENT LOCATIONS EXCEEDING LEL
200 EAST MAIN STREET
MACEDON, NEW YORK



LEGEND

⊗ SEDIMENT SAMPLING LOCATION

Pb 231 LEAD CONCENTRATION

NOTES:

1. WATER FLOWS WITHIN THE CANAL TO THE EAST.
2. B-1 TO B-11 SAMPLED ON 12/15/98.
3. MA-11, MA-12, & MA-13 ORIGINALLY SAMPLED ON 10/31/96.

SCALE

0 100 200 FEET

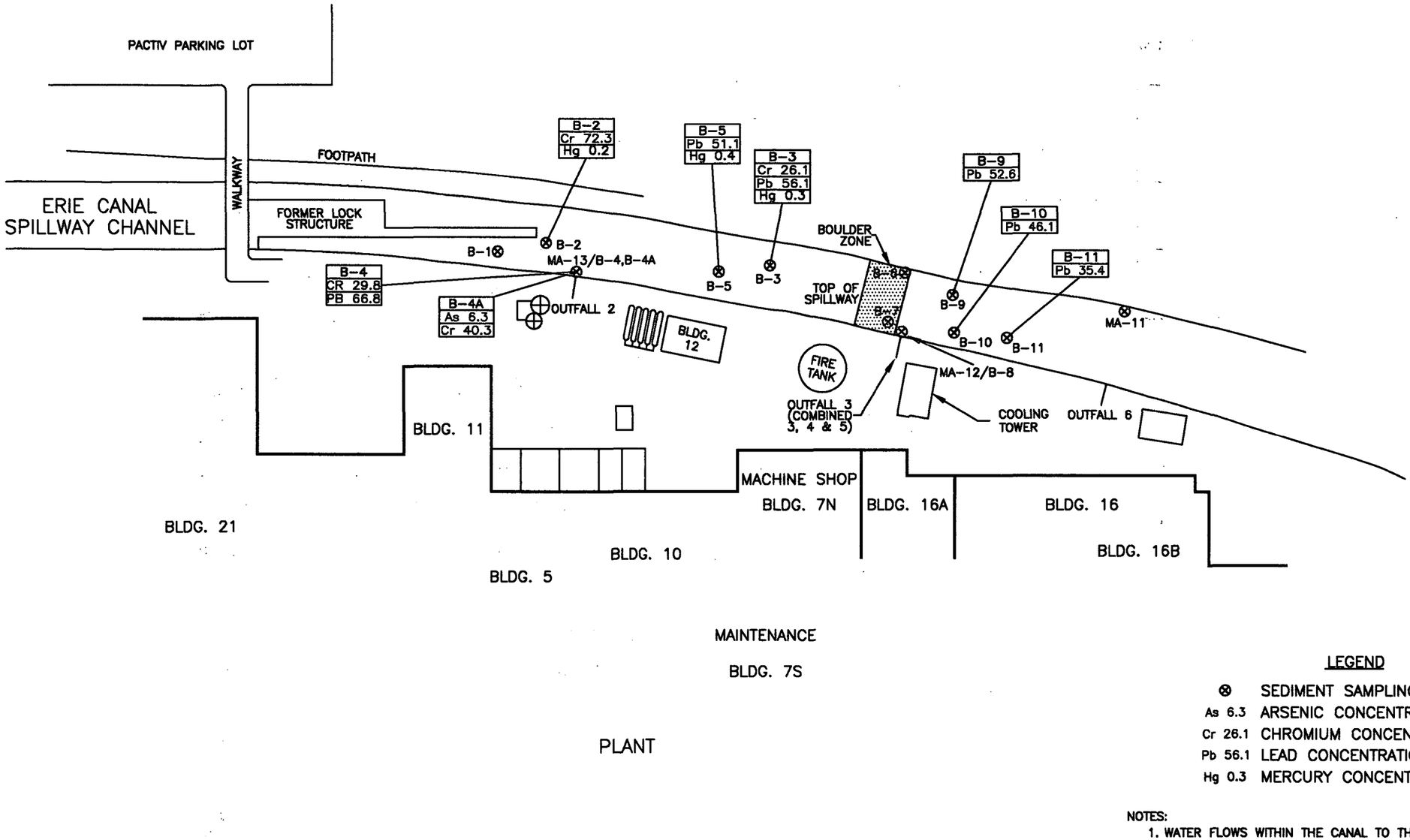
IT CORPORATION

MOBIL OIL CORPORATION

FIGURE 4
SHALLOW SEDIMENT LOCATIONS
EXCEEDING SEL
200 EAST MAIN STREET
MACEDON, NEW YORK

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE	X-REF	IMAGE
5794-SS4			SSH 01-28-01	ALB	---	---

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	ALB	SSH 01-28-01			5794-DS5



LEGEND

⊗	SEDIMENT SAMPLING LOCATION
As 6.3	ARSENIC CONCENTRATION
Cr 26.1	CHROMIUM CONCENTRATION
Pb 56.1	LEAD CONCENTRATION
Hg 0.3	MERCURY CONCENTRATION

NOTES:
1. WATER FLOWS WITHIN THE CANAL TO THE EAST.
2. B-1 TO B-11 SAMPLED ON 12/15/98.
3. MA-11, MA-12, & MA-13 ORIGINALLY SAMPLED ON 10/31/96.

SCALE
0 100 200 FEET

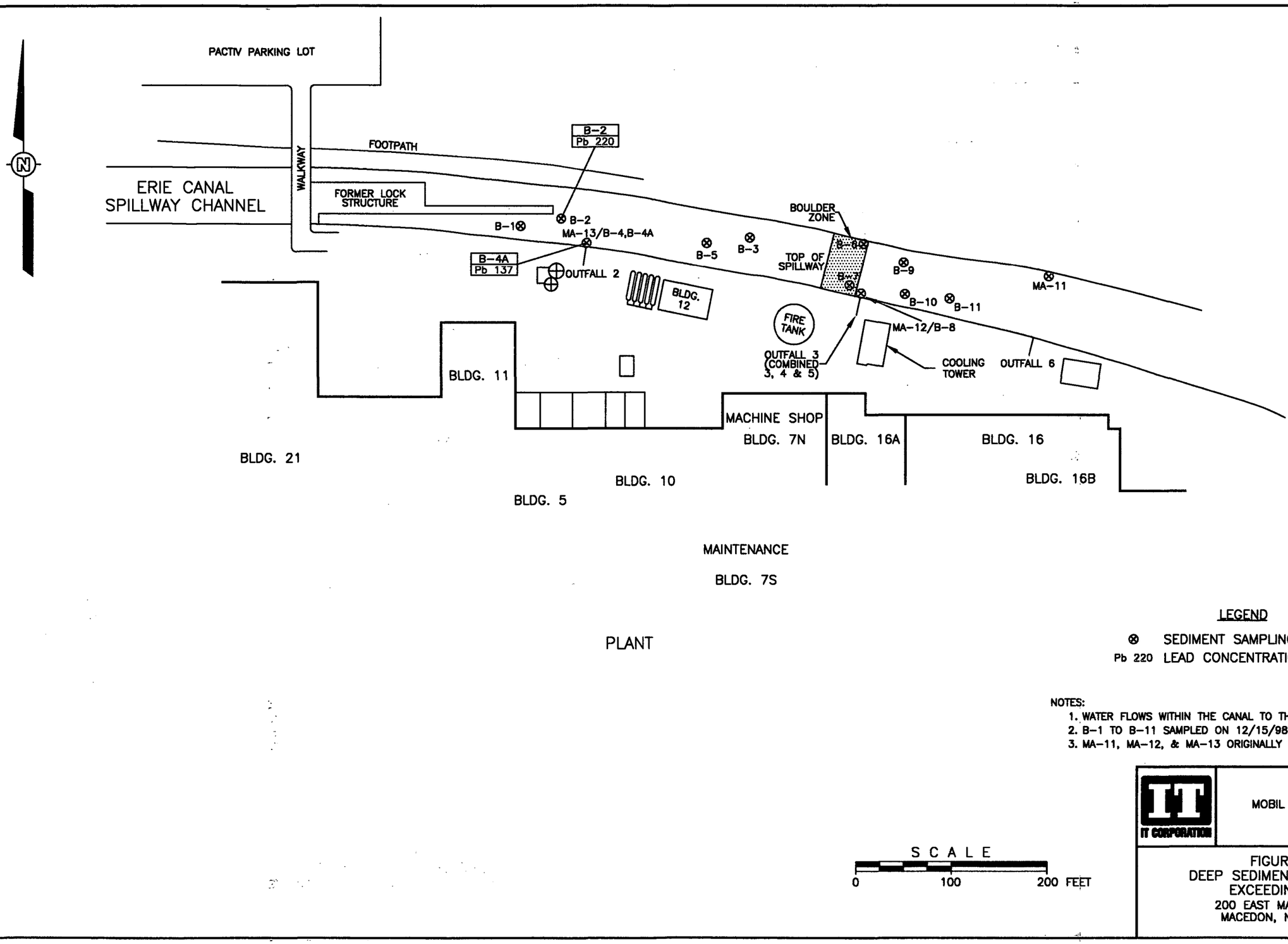
IT CORPORATION

MOBIL OIL CORPORATION

FIGURE 5
DEEP SEDIMENT LOCATIONS EXCEEDING LEL
200 EAST MAIN STREET
MACEDON, NEW YORK

IMAGE	X-REF	OFFICE	DRAWN BY	01-28-01
---	---	ALB	SSH	

CHECKED BY	APPROVED BY	DRAWING NUMBER
		5794-DS6



LEGEND

⊗ SEDIMENT SAMPLING LOCATION

Pb 220 LEAD CONCENTRATION

NOTES:

1. WATER FLOWS WITHIN THE CANAL TO THE EAST.
2. B-1 TO B-11 SAMPLED ON 12/15/98.
3. MA-11, MA-12, & MA-13 ORIGINALLY SAMPLED ON 10/31/96.

SCALE

0 100 200 FEET

IT CORPORATION

MOBIL OIL CORPORATION

FIGURE 6
DEEP SEDIMENT LOCATIONS
EXCEEDING SEL
200 EAST MAIN STREET
MACEDON, NEW YORK

APPENDIX A
LABORATORY REPORTS

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number: 9812-00895
Customer No.: 000270
Project No.: MOBIL
Purchase Order #: 110213KR
Report Date: 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received: 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
001 B-1D			Sample Date 12/15/1998 Time: 13:32		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/24/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
1,3-Dichlorobenzene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
1,4-Dichlorobenzene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
1,2-Dichlorobenzene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Hexachloroethane	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Nitrobenzene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Isophorone	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Naphthalene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Hexachlorobutadiene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
2-Chloronaphthalene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Dimethyl Phthalate	EPA 8270 B/N	<510	ug/Kg	BHB	1/24/99
Acenaphthylene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Acenapthene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
2,6-Dinitrotoluene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
2,4-Dinitrotoluene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Diethyl Phthalate	EPA 8270 B/N	<510	ug/Kg	BHB	1/24/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Fluorene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Hexachlorobenzene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Phenanthrene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Anthracene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Di-n-butylphthalate	EPA 8270 B/N	<510	ug/Kg	BHB	1/24/99
Fluoranthene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Pyrene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<510	ug/Kg	BHB	1/24/99

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Fax: (518) 786-7700

IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
001 B-1D			Sample Date 12/15/1998 Time: 13:32		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<510	ug/Kg	BHB	1/24/99
Chrysene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<510	ug/Kg	BHB	1/24/99
Di-n-octyl phthalate	EPA 8270 B/N	<510	ug/Kg	BHB	1/24/99
Benzo(b)fluoranthene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Benzo(k)fluoranthene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Benzo(a)pyrene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
2-MethylNaphthalene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
3-Nitroaniline	EPA 8270 B/N	<1300	ug/Kg	BHB	1/24/99
Dibenzofuran	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
4-Nitroaniline	EPA 8270 B/N	<1300	ug/Kg	BHB	1/24/99
4-Chloroaniline	EPA 8270 B/N	<250	ug/Kg	BHB	1/24/99
2-Nitroaniline	EPA 8270 B/N	<1300	ug/Kg	BHB	1/24/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<3.2	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	42.8	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	<1.6	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	10.5	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	29.4	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<19.4	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<3.2	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	50,600	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/22/98
Percent Solids		64.3	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
002 B-1S			Sample Date 12/15/1998 Time: 13:34		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				PNC	1/24/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
1,3-Dichlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
1,4-Dichlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
1,2-Dichlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Hexachloroethane	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Nitrobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Isophorone	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Naphthalene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Hexachlorobutadiene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
2-Chloronaphthalene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Dimethyl Phthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/24/99
Acenaphthylene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Acenapthene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
2,6-Dinitrotoluene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
2,4-Dinitrotoluene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Diethyl Phthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/24/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Fluorene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Hexachlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Phenanthrene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Anthracene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Di-n-butylphthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/24/99
Fluoranthene	EPA 8270 B/N	460	ug/Kg	PNC	1/24/99
Pyrene	EPA 8270 B/N	760	ug/Kg	PNC	1/24/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/24/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
002 B-1S			Sample Date 12/15/1998 Time: 13:34		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<750	ug/Kg	PNC	1/24/99
Chrysene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/24/99
Di-n-octyl phthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/24/99
Benzo(b)fluoranthene	EPA 8270 B/N	810	ug/Kg	PNC	1/24/99
Benzo(k)fluoranthene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Benzo(a)pyrene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
2-MethylNaphthalene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
3-Nitroaniline	EPA 8270 B/N	<1,900	ug/Kg	PNC	1/24/99
Dibenzofuran	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/24/99
4-Nitroaniline	EPA 8270 B/N	<1,900	ug/Kg	PNC	1/24/99
4-Chloroaniline	EPA 8270 B/N	<38	ug/Kg	PNC	1/24/99
2-Nitroaniline	EPA 8270 B/N	<1,900	ug/Kg	PNC	1/24/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	4.0	mg/Kg	JMR	1/07/99
Barium, solid	ICP, SW-846 Method	75.4	mg/Kg	JMR	1/07/99
Cadmium, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/07/99
Chromium, solid	ICP, SW-846 Method	35.4	mg/Kg	JMR	1/07/99
Lead, solid	ICP, SW-846 Method	231	mg/Kg	JMR	1/07/99
Mercury, solid	SW-846 Method 7471	0.3	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<6	mg/Kg	JMR	1/07/99
Silver, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	1/07/99
Total Organic Carbon	EPA 415.2	138,000	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/22/98
Percent Solids		43.2	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
003 B-2D			Sample Date 12/15/1998 Time: 13:50		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/13/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
1,3-Dichlorobenzene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
1,4-Dichlorobenzene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
1,2-Dichlorobenzene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Hexachloroethane	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Nitrobenzene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Isophorone	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Naphthalene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Hexachlorobutadiene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
2-Chloronaphthalene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Dimethyl Phthalate	EPA 8270 B/N	<6600	ug/Kg	BHB	1/13/99
Acenaphthylene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Acenapthene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
2,6-Dinitrotoluene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
2,4-Dinitrotoluene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Diethyl Phthalate	EPA 8270 B/N	<6600	ug/Kg	BHB	1/13/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Fluorene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Hexachlorobenzene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Phenanthrene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Anthracene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Di-n-butylphthalate	EPA 8270 B/N	<6600	ug/Kg	BHB	1/13/99
Fluoranthene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Pyrene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<6600	ug/Kg	BHB	1/13/99

----- Continued on Next Page -----

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IT CORP/FLUOR DANIELS GTI
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Task Number 9812-00895
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Project No. MOBIL
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Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
003 B-2D			Sample Date 12/15/1998 Time: 13:50		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<6600	ug/Kg	BHB	1/13/99
Chrysene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	13000	ug/Kg	BHB	1/13/99
Di-n-octyl phthalate	EPA 8270 B/N	<6600	ug/Kg	BHB	1/13/99
Benzo(b)fluoranthene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Benzo(k)fluoranthene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Benzo(a)pyrene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
2-MethylNaphthalene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
3-Nitroaniline	EPA 8270 B/N	<17000	ug/Kg	BHB	1/13/99
Dibenzofuran	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
4-Nitroaniline	EPA 8270 B/N	<17000	ug/Kg	BHB	1/13/99
4-Chloroaniline	EPA 8270 B/N	<3300	ug/Kg	BHB	1/13/99
2-Nitroaniline	EPA 8270 B/N	<17000	ug/Kg	BHB	1/13/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/07/99
Barium, solid	ICP, SW-846 Method	77.0	mg/Kg	JMR	1/07/99
Cadmium, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/07/99
Chromium, solid	ICP, SW-846 Method	72.3	mg/Kg	JMR	1/07/99
Lead, solid	ICP, SW-846 Method	220	mg/Kg	JMR	1/07/99
Mercury, solid	SW-846 Method 7471	0.2	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<6	mg/Kg	JMR	1/07/99
Silver, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	1/07/99
Total Organic Carbon	EPA 415.2	42,500	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/22/98
Percent Solids		49.3	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Sample was diluted at df=10 due to matrix interference for 8270.

004 B-2S — Sample Date 12/15/1998 Time: 13:52
Matrix: Soil — Collection Method: Composite

Test Performed	Method	Results	Units	Tech	Analy. Date
EPA 8270BNS				PNC	1/24/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
1,3-Dichlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
1,4-Dichlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
1,2-Dichlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Hexachloroethane	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Nitrobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Isophorone	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Naphthalene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Hexachlorobutadiene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
2-Chloronaphthalene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Dimethyl Phthalate	EPA 8270 B/N	<650	ug/Kg	PNC	1/24/99
Acenaphthylene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Acenapthene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
2,6-Dinitrotoluene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
2,4-Dinitrotoluene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Diethyl Phthalate	EPA 8270 B/N	<650	ug/Kg	PNC	1/24/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Fluorene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Hexachlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Phenanthrene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Anthracene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Di-n-butylphthalate	EPA 8270 B/N	<650	ug/Kg	PNC	1/24/99
Fluoranthene	EPA 8270 B/N	330	ug/Kg	PNC	1/24/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
004 B-2S			Sample Date 12/15/1998 Time: 13:52		
Matrix:			Collection Method: Composite		
Pyrene	EPA 8270 B/N	460	ug/Kg	PNC	1/24/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<650	ug/Kg	PNC	1/24/99
Benzo(a)anthracene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<650	ug/Kg	PNC	1/24/99
Chrysene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<650	ug/Kg	PNC	1/24/99
Di-n-octyl phthalate	EPA 8270 B/N	<650	ug/Kg	PNC	1/24/99
Benzo(b)fluoranthene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Benzo(k)fluoranthene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Benzo(a)pyrene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
2-MethylNaphthalene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
3-Nitroaniline	EPA 8270 B/N	<1,600	ug/Kg	PNC	1/24/99
Dibenzofuran	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
4-Nitroaniline	EPA 8270 B/N	<1,600	ug/Kg	PNC	1/24/99
4-Chloroaniline	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
2-Nitroaniline	EPA 8270 B/N	<1,600	ug/Kg	PNC	1/24/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	4.5	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	102	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	<1.3	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	28.0	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	57.8	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	0.3	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<15.6	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<2.6	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	61,700	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/22/98
Percent Solids		50.1	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
005 B-4AS			Sample Date 12/15/1998 Time: 14:06		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				PNC	1/24/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
1,3-Dichlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
1,4-Dichlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
1,2-Dichlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Hexachloroethane	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Nitrobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Isophorone	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Naphthalene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Hexachlorobutadiene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
2-Chloronaphthalene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Dimethyl Phthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/24/99
Acenaphthylene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Acenapthene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
2,6-Dinitrotoluene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
2,4-Dinitrotoluene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Diethyl Phthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/24/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Fluorene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Hexachlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Phenanthrene	EPA 8270 B/N	1,500	ug/Kg	PNC	1/24/99
Anthracene	EPA 8270 B/N	500	ug/Kg	PNC	1/24/99
Di-n-butylphthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/24/99
Fluoranthene	EPA 8270 B/N	2,200	ug/Kg	PNC	1/24/99
Pyrene	EPA 8270 B/N	2,400	ug/Kg	PNC	1/24/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/24/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
005 B-4AS			Sample Date 12/15/1998 Time: 14:06		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	1,600	ug/Kg	PNC	1/24/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<540	ug/Kg	PNC	1/24/99
Chrysene	EPA 8270 B/N	1,400	ug/Kg	PNC	1/24/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/24/99
Di-n-octyl phthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/24/99
Benzo(b)fluoranthene	EPA 8270 B/N	980	ug/Kg	PNC	1/24/99
Benzo(k)fluoranthene	EPA 8270 B/N	730	ug/Kg	PNC	1/24/99
Benzo(a)pyrene	EPA 8270 B/N	1,220	ug/Kg	PNC	1/24/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	820	ug/Kg	PNC	1/24/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
Benzo (g,h,i) perylene	EPA 8270 B/N	910	ug/Kg	PNC	1/24/99
2-MethylNaphthalene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
3-Nitroaniline	EPA 8270 B/N	<1,400	ug/Kg	PNC	1/24/99
Dibenzofuran	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
4-Nitroaniline	EPA 8270 B/N	<1,400	ug/Kg	PNC	1/24/99
4-Chloroaniline	EPA 8270 B/N	<270	ug/Kg	PNC	1/24/99
2-Nitroaniline	EPA 8270 B/N	<1,400	ug/Kg	PNC	1/24/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<3.2	mg/kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	69.0	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	1.9	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	31.8	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	118	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	0.3	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<19.3	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<3.2	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	68,300	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/22/98
Percent Solids		61.0	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
006 B-4AD			Sample Date 12/15/1998 Time: 14:04		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				PNC	1/24/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
1,3-Dichlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
1,4-Dichlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
1,2-Dichlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Hexachloroethane	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Nitrobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Isophorone	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Naphthalene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Hexachlorobutadiene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
2-Chloronaphthalene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Dimethyl Phthalate	EPA 8270 B/N	<660	ug/Kg	PNC	1/24/99
Acenaphthylene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Acenapthene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
2,6-Dinitrotoluene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
2,4-Dinitrotoluene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Diethyl Phthalate	EPA 8270 B/N	<660	ug/Kg	PNC	1/24/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Fluorene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Hexachlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Phenanthrene	EPA 8270 B/N	550	ug/Kg	PNC	1/24/99
Anthracene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Di-n-butylphthalate	EPA 8270 B/N	<660	ug/Kg	PNC	1/24/99
Fluoranthene	EPA 8270 B/N	740	ug/Kg	PNC	1/24/99
Pyrene	EPA 8270 B/N	960	ug/Kg	PNC	1/24/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<660	ug/Kg	PNC	1/24/99

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
006 B-4AD			Sample Date 12/15/1998 Time: 14:04		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	480	ug/Kg	PNC	1/24/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<660	ug/Kg	PNC	1/24/99
Chrysene	EPA 8270 B/N	510	ug/Kg	PNC	1/24/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<660	ug/Kg	PNC	1/24/99
Di-n-octyl phthalate	EPA 8270 B/N	<660	ug/Kg	PNC	1/24/99
Benzo(b)fluoranthene	EPA 8270 B/N	610	ug/Kg	PNC	1/24/99
Benzo(k)fluoranthene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Benzo(a)pyrene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
2-MethylNaphthalene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
3-Nitroaniline	EPA 8270 B/N	<1,700	ug/Kg	PNC	1/24/99
Dibenzofuran	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
4-Nitroaniline	EPA 8270 B/N	<1,700	ug/Kg	PNC	1/24/99
4-Chloroaniline	EPA 8270 B/N	<330	ug/Kg	PNC	1/24/99
2-Nitroaniline	EPA 8270 B/N	<1,700	ug/Kg	PNC	1/24/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	6.3	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	104	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	<1.6	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	40.3	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	137	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	<0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<18.7	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<3.1	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	58,800	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/22/98
Percent Solids		49.3	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
007 B-4D			Sample Date 12/15/1998 Time: 14:17		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				PNC	1/24/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
1,3-Dichlorobenzene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
1,4-Dichlorobenzene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
1,2-Dichlorobenzene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Hexachloroethane	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Nitrobenzene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Isophorone	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Naphthalene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Hexachlorobutadiene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
2-Chloronaphthalene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Dimethyl Phthalate	EPA 8270 B/N	<640	ug/Kg	PNC	1/24/99
Acenaphthylene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Acenapthene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
2,6-Dinitrotoluene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
2,4-Dinitrotoluene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Diethyl Phthalate	EPA 8270 B/N	<640	ug/Kg	PNC	1/24/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Fluorene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Hexachlorobenzene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Phenanthrene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Anthracene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Di-n-butylphthalate	EPA 8270 B/N	<640	ug/Kg	PNC	1/24/99
Fluoranthene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Pyrene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<640	ug/Kg	PNC	1/24/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
007 B-4D			Sample Date 12/15/1998 Time: 14:17		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<640	ug/Kg	PNC	1/24/99
Chrysene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<640	ug/Kg	PNC	1/24/99
Di-n-octyl phthalate	EPA 8270 B/N	<640	ug/Kg	PNC	1/24/99
Benzo(b)fluoranthene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Benzo(k)fluoranthene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Benzo(a)pyrene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Indeno (1,2,3-cd) Pyrene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
2-MethylNaphthalene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
3-Nitroaniline	EPA 8270 B/N	<1,600	ug/Kg	PNC	1/24/99
Dibenzofuran	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
4-Nitroaniline	EPA 8270 B/N	<1,600	ug/Kg	PNC	1/24/99
4-Chloroaniline	EPA 8270 B/N	<320	ug/Kg	PNC	1/24/99
2-Nitroaniline	EPA 8270 B/N	<1,600	ug/Kg	PNC	1/24/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	5.4	mg/Kg	JMR	1/07/99
Barium, solid	ICP, SW-846 Method	111	mg/Kg	JMR	1/07/99
Cadmium, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/07/99
Chromium, solid	ICP, SW-846 Method	29.8	mg/Kg	JMR	1/07/99
Lead, solid	ICP, SW-846 Method	66.8	mg/Kg	JMR	1/07/99
Mercury, solid	SW-846 Method 7471	0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	22.3	mg/Kg	JMR	1/07/99
Silver, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	1/07/99
Total Organic Carbon	EPA 415.2	44,900	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/22/98
Percent Solids		50.7	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
008 B-4S			Sample Date 12/15/1998 Time: 14:20		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/13/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
1,3-Dichlorobenzene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
1,4-Dichlorobenzene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
1,2-Dichlorobenzene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Hexachloroethane	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Nitrobenzene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Isophorone	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Naphthalene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Hexachlorobutadiene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
2-Chloronaphthalene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Dimethyl Phthalate	EPA 8270 B/N	<4600	ug/Kg	BHB	1/13/99
Acenaphthylene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Acenapthene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
2,6-Dinitrotoluene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
2,4-Dinitrotoluene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Diethyl Phthalate	EPA 8270 B/N	<4600	ug/Kg	BHB	1/13/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Fluorene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Hexachlorobenzene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Phenanthrene	EPA 8270 B/N	2900	ug/Kg	BHB	1/13/99
Anthracene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Di-n-butylphthalate	EPA 8270 B/N	<4600	ug/Kg	BHB	1/13/99
Fluoranthene	EPA 8270 B/N	3800	ug/Kg	BHB	1/13/99
Pyrene	EPA 8270 B/N	3900	ug/Kg	BHB	1/13/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<4600	ug/Kg	BHB	1/13/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
008 B-4S			Sample Date 12/15/1998 Time: 14:20		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<4600	ug/Kg	BHB	1/13/99
Chrysene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	6800	ug/Kg	BHB	1/13/99
Di-n-octyl phthalate	EPA 8270 B/N	<4600	ug/Kg	BHB	1/13/99
Benzo(b)fluoranthene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Benzo(k)fluoranthene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Benzo(a)pyrene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
2-MethylNaphthalene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
3-Nitroaniline	EPA 8270 B/N	<12000	ug/Kg	BHB	1/13/99
Dibenzofuran	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
4-Nitroaniline	EPA 8270 B/N	<12000	ug/Kg	BHB	1/13/99
4-Chloroaniline	EPA 8270 B/N	<2300	ug/Kg	BHB	1/13/99
2-Nitroaniline	EPA 8270 B/N	<12000	ug/Kg	BHB	1/13/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	10.4	mg/Kg	JMR	1/07/99
Barium, solid	ICP, SW-846 Method	103	mg/Kg	JMR	1/07/99
Cadmium, solid	ICP, SW-846 Method	6.3	mg/Kg	JMR	1/07/99
Chromium, solid	ICP, SW-846 Method	68.0	mg/Kg	JMR	1/07/99
Lead, solid	ICP, SW-846 Method	1010	mg/Kg	JMR	1/07/99
Mercury, solid	SW-846 Method 7471	0.2	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<6	mg/Kg	JMR	1/07/99
Silver, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	1/07/99
Total Organic Carbon	EPA 415.2	46,100	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/22/98
Percent Solids		72.1	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date

Sample was diluted at df=10 due to matrix interference for 8270.

009 B-5D — Sample Date 12/15/1998 Time: 1:45
Matrix: Soil — Collection Method: Composite

EPA 8270BNS				PNC	1/24/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
1,3-Dichlorobenzene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
1,4-Dichlorobenzene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
1,2-Dichlorobenzene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Hexachloroethane	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Nitrobenzene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Isophorone	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Naphthalene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Hexachlorobutadiene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
2-Chloronaphthalene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Dimethyl Phthalate	EPA 8270 B/N	<460	ug/Kg	PNC	1/24/99
Acenaphthylene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Acenapthene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
2,6-Dinitrotoluene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
2,4-Dinitrotoluene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Diethyl Phthalate	EPA 8270 B/N	<460	ug/Kg	PNC	1/24/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Fluorene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Hexachlorobenzene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Phenanthrene	EPA 8270 B/N	2,200	ug/Kg	PNC	1/24/99
Anthracene	EPA 8270 B/N	640	ug/Kg	PNC	1/24/99
Di-n-butylphthalate	EPA 8270 B/N	<460	ug/Kg	PNC	1/24/99
Fluoranthene	EPA 8270 B/N	2,600	ug/Kg	PNC	1/24/99

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
009 B-5D			Sample Date 12/15/1998 Time: 1:45		
Matrix:			Collection Method: Composite		
Pyrene	EPA 8270 B/N	3,200	ug/Kg	PNC	1/24/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<460	ug/Kg	PNC	1/24/99
Benzo(a)anthracene	EPA 8270 B/N	2,000	ug/Kg	PNC	1/24/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<460	ug/Kg	PNC	1/24/99
Chrysene	EPA 8270 B/N	2,100	ug/Kg	PNC	1/24/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<460	ug/Kg	PNC	1/24/99
Di-n-octyl phthalate	EPA 8270 B/N	<460	ug/Kg	PNC	1/24/99
Benzo(b)fluoranthene	EPA 8270 B/N	1,400	ug/Kg	PNC	1/24/99
Benzo(k)fluoranthene	EPA 8270 B/N	800	ug/Kg	PNC	1/24/99
Benzo(a)pyrene	EPA 8270 B/N	1,800	ug/Kg	PNC	1/24/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	1,300	ug/Kg	PNC	1/24/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
Benzo (g,h,i) perylene	EPA 8270 B/N	1,400	ug/Kg	PNC	1/24/99
2-MethylNaphthalene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
3-Nitroaniline	EPA 8270 B/N	<1,200	ug/Kg	PNC	1/24/99
Dibenzofuran	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
4-Nitroaniline	EPA 8270 B/N	<1,200	ug/Kg	PNC	1/24/99
4-Chloroaniline	EPA 8270 B/N	<230	ug/Kg	PNC	1/24/99
2-Nitroaniline	EPA 8270 B/N	<1,200	ug/Kg	PNC	1/24/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	4.0	mg/Kg	JMR	1/07/99
Barium, solid	ICP, SW-846 Method	88.2	mg/Kg	JMR	1/07/99
Cadmium, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/07/99
Chromium, solid	ICP, SW-846 Method	20.0	mg/Kg	JMR	1/07/99
Lead, solid	ICP, SW-846 Method	51.1	mg/Kg	JMR	1/07/99
Mercury, solid	SW-846 Method 7471	0.4	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<6	mg/Kg	JMR	1/07/99
Silver, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	1/07/99
Total Organic Carbon	EPA 415.2	54,600	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/22/98
Percent Solids		53.3	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
010 B-5S			Sample Date 12/15/1998 Time: 14:27		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				PNC	1/25/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
1,3-Dichlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
1,4-Dichlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
1,2-Dichlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Hexachloroethane	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Nitrobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Isophorone	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Naphthalene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Hexachlorobutadiene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
2-Chloronaphthalene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Dimethyl Phthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/25/99
Acenaphthylene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Acenapthene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
2,6-Dinitrotoluene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
2,4-Dinitrotoluene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Diethyl Phthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/25/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Fluorene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Hexachlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Phenanthrene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Anthracene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Di-n-butylphthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/25/99
Fluoranthene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Pyrene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/25/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
010 B-5S			Sample Date 12/15/1998 Time: 14:27		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<540	ug/Kg	PNC	1/25/99
Chrysene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/25/99
Di-n-octyl phthalate	EPA 8270 B/N	<540	ug/Kg	PNC	1/25/99
Benzo(b)fluoranthene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Benzo(k)fluoranthene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Benzo(a)pyrene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
2-MethylNaphthalene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
3-Nitroaniline	EPA 8270 B/N	<1400	ug/Kg	PNC	1/25/99
Dibenzofuran	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
4-Nitroaniline	EPA 8270 B/N	<1400	ug/Kg	PNC	1/25/99
4-Chloroaniline	EPA 8270 B/N	<270	ug/Kg	PNC	1/25/99
2-Nitroaniline	EPA 8270 B/N	<1400	ug/Kg	PNC	1/25/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<2.4	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	96.4	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	<1.2	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	24.8	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	50.2	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	0.2	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<14.3	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<2.4	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	47,400	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/22/98
Percent Solids		60.7	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
011 B-3S			Sample Date 12/15/1998 Time: 14:40		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				PNC	1/25/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
1,3-Dichlorobenzene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
1,4-Dichlorobenzene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
1,2-Dichlorobenzene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Hexachloroethane	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Nitrobenzene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Isophorone	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Naphthalene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Hexachlorobutadiene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
2-Chloronaphthalene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Dimethyl Phthalate	EPA 8270 B/N	<810	ug/Kg	PNC	1/25/99
Acenaphthylene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Acenapthene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
2,6-Dinitrotoluene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
2,4-Dinitrotoluene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Diethyl Phthalate	EPA 8270 B/N	<810	ug/Kg	PNC	1/25/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Fluorene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Hexachlorobenzene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Phenanthrene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Anthracene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Di-n-butylphthalate	EPA 8270 B/N	<810	ug/Kg	PNC	1/25/99
Fluoranthene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Pyrene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<810	ug/Kg	PNC	1/25/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
011 B-3S			Sample Date 12/15/1998 Time: 14:40		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<810	ug/Kg	PNC	1/25/99
Chrysene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<810	ug/Kg	PNC	1/25/99
Di-n-octyl phthalate	EPA 8270 B/N	<810	ug/Kg	PNC	1/25/99
Benzo(b)fluoranthene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Benzo(k)fluoranthene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Benzo(a)pyrene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
2-MethylNaphthalene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
3-Nitroaniline	EPA 8270 B/N	<2000	ug/Kg	PNC	1/25/99
Dibenzofuran	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
4-Nitroaniline	EPA 8270 B/N	<2000	ug/Kg	PNC	1/25/99
4-Chloroaniline	EPA 8270 B/N	<400	ug/Kg	PNC	1/25/99
2-Nitroaniline	EPA 8270 B/N	<2000	ug/Kg	PNC	1/25/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	4.7	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	97.5	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	<1.8	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	24.5	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	46.6	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	0.3	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<21.8	mg/kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<3.6	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	58,300	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/22/98
Percent Solids		40.4	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
012 B-3D			Sample Date 12/15/1998 Time: 14:45		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				PNC	1/26/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
1,3-Dichlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
1,4-Dichlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
1,2-Dichlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Hexachloroethane	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Nitrobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Isophorone	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Naphthalene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Hexachlorobutadiene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
2-Chloronaphthalene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Dimethyl Phthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/26/99
Acenaphthylene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Acenapthene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
2,6-Dinitrotoluene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
2,4-Dinitrotoluene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Diethyl Phthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/26/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Fluorene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Hexachlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Phenanthrene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Anthracene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Di-n-butylphthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/26/99
Fluoranthene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Pyrene	EPA 8270 B/N	<450	ug/Kg	PNC	1/26/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/26/99

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
012 B-3D			Sample Date 12/15/1998 Time: 14:45		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<750	ug/Kg	PNC	1/26/99
Chrysene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/26/99
Di-n-octyl phthalate	EPA 8270 B/N	<750	ug/Kg	PNC	1/26/99
Benzo(b)fluoranthene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Benzo(k)fluoranthene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Benzo(a)pyrene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
2-MethylNaphthalene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
3-Nitroaniline	EPA 8270 B/N	<1900	ug/Kg	PNC	1/26/99
Dibenzofuran	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
4-Nitroaniline	EPA 8270 B/N	<1900	ug/Kg	PNC	1/26/99
4-Chloroaniline	EPA 8270 B/N	<380	ug/Kg	PNC	1/26/99
2-Nitroaniline	EPA 8270 B/N	<1900	ug/Kg	PNC	1/26/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	5.6	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	105	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	<1.6	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	26.1	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	56.1	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	0.3	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<19.6	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<3.3	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	48,100	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		44.3	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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Fax: (518) 786-7700

IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
013 BLIND FIELD DUP			Sample Date 12/15/1998 Time: 14:47		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				PNC	1/26/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
1,3-Dichlorobenzene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
1,4-Dichlorobenzene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
1,2-Dichlorobenzene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Hexachloroethane	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Nitrobenzene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Isophorone	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Naphthalene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Hexachlorobutadiene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
2-Chloronaphthalene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Dimethyl Phthalate	EPA 8270 B/N	<570	ug/Kg	PNC	1/26/99
Acenaphthylene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Acenapthene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
2,6-Dinitrotoluene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
2,4-Dinitrotoluene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Diethyl Phthalate	EPA 8270 B/N	<570	ug/Kg	PNC	1/26/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Fluorene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Hexachlorobenzene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Phenanthrene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Anthracene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Di-n-butylphthalate	EPA 8270 B/N	<570	ug/Kg	PNC	1/26/99
Fluoranthene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Pyrene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<570	ug/Kg	PNC	1/26/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
013 BLIND FIELD DUP			Sample Date 12/15/1998 Time: 14:47		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<570	ug/Kg	PNC	1/26/99
Chrysene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<570	ug/Kg	PNC	1/26/99
Di-n-octyl phthalate	EPA 8270 B/N	<570	ug/Kg	PNC	1/26/99
Benzo(b)fluoranthene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Benzo(k)fluoranthene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Benzo(a)pyrene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
2-MethylNaphthalene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
3-Nitroaniline	EPA 8270 B/N	<1400	ug/Kg	PNC	1/26/99
Dibenzofuran	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
4-Nitroaniline	EPA 8270 B/N	<1400	ug/Kg	PNC	1/26/99
4-Chloroaniline	EPA 8270 B/N	<280	ug/Kg	PNC	1/26/99
2-Nitroaniline	EPA 8270 B/N	<1400	ug/Kg	PNC	1/26/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/07/99
Barium, solid	ICP, SW-846 Method	99.8	mg/Kg	JMR	1/07/99
Cadmium, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/07/99
Chromium, solid	ICP, SW-846 Method	18.7	mg/Kg	JMR	1/07/99
Lead, solid	ICP, SW-846 Method	38.5	mg/Kg	JMR	1/07/99
Mercury, solid	SW-846 Method 7471	0.3	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<6	mg/Kg	JMR	1/07/99
Silver, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	1/07/99
Total Organic Carbon	EPA 415.2	47,500	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		57.7	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
014 B-8S			Sample Date 12/15/1998 Time: 15:23		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				PNC	1/26/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
1,3-Dichlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
1,4-Dichlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
1,2-Dichlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Hexachloroethane	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Nitrobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Isophorone	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Naphthalene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Hexachlorobutadiene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
2-Chloronaphthalene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Dimethyl Phthalate	EPA 8270 B/N	<400	ug/Kg	PNC	1/26/99
Acenaphthylene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Acenapthene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
2,6-Dinitrotoluene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
2,4-Dinitrotoluene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Diethyl Phthalate	EPA 8270 B/N	<400	ug/Kg	PNC	1/26/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Fluorene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Hexachlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Phenanthrene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Anthracene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Di-n-butylphthalate	EPA 8270 B/N	<400	ug/Kg	PNC	1/26/99
Fluoranthene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Pyrene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<400	ug/Kg	PNC	1/26/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
014 B-8S			Sample Date 12/15/1998 Time: 15:23		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<400	ug/Kg	PNC	1/26/99
Chrysene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<400	ug/Kg	PNC	1/26/99
Di-n-octyl phthalate	EPA 8270 B/N	<400	ug/Kg	PNC	1/26/99
Benzo(b)fluoranthene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Benzo(k)fluoranthene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Benzo(a)pyrene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
2-MethylNaphthalene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
3-Nitroaniline	EPA 8270 B/N	<1000	ug/Kg	PNC	1/26/99
Dibenzofuran	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
4-Nitroaniline	EPA 8270 B/N	<1000	ug/Kg	PNC	1/26/99
4-Chloroaniline	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
2-Nitroaniline	EPA 8270 B/N	<1000	ug/Kg	PNC	1/26/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<2.2	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	56.8	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	1.3	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	54.9	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	334	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<13.1	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<2.2	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	42,200	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		81.9	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
015 B-8D			Sample Date 12/15/1998 Time: 15:25		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/25/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
1,3-Dichlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
1,4-Dichlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
1,2-Dichlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Hexachloroethane	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Nitrobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Isophorone	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Naphthalene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Hexachlorobutadiene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
2-Chloronaphthalene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Dimethyl Phthalate	EPA 8270 B/N	<390	ug/Kg	BHB	1/25/99
Acenaphthylene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Acenapthene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
2,6-Dinitrotoluene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
2,4-Dinitrotoluene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Diethyl Phthalate	EPA 8270 B/N	<390	ug/Kg	BHB	1/25/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Fluorene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Hexachlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Phenanthrene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Anthracene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Di-n-butylphthalate	EPA 8270 B/N	<390	ug/Kg	BHB	1/25/99
Fluoranthene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Pyrene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<390	ug/Kg	BHB	1/25/99

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
015 B-8D			Sample Date 12/15/1998 Time: 15:25		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<390	ug/Kg	BHB	1/25/99
Chrysene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<390	ug/Kg	BHB	1/25/99
Di-n-octyl phthalate	EPA 8270 B/N	<390	ug/Kg	BHB	1/25/99
Benzo(b)fluoranthene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Benzo(k)fluoranthene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Benzo(a)pyrene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
2-MethylNaphthalene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
3-Nitroaniline	EPA 8270 B/N	<970	ug/Kg	BHB	1/25/99
Dibenzofuran	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
4-Nitroaniline	EPA 8270 B/N	<970	ug/Kg	BHB	1/25/99
4-Chloroaniline	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
2-Nitroaniline	EPA 8270 B/N	<970	ug/Kg	BHB	1/25/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<2.7	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	10.8	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	6.6	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	14.3	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	<0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<6	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	18,800	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		86.1	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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Fax: (518) 786-7700

IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
016 B-7S			Sample Date 12/15/1998 Time: 15:30		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/25/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
1,3-Dichlorobenzene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
1,4-Dichlorobenzene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
1,2-Dichlorobenzene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Hexachloroethane	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Nitrobenzene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Isophorone	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Naphthalene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Hexachlorobutadiene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
2-Chloronaphthalene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Dimethyl Phthalate	EPA 8270 B/N	<570	ug/Kg	BHB	1/25/99
Acenaphthylene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Acenapthene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
2,6-Dinitrotoluene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
2,4-Dinitrotoluene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Diethyl Phthalate	EPA 8270 B/N	<570	ug/Kg	BHB	1/25/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Fluorene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Hexachlorobenzene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Phenanthrene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Anthracene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Di-n-butylphthalate	EPA 8270 B/N	<570	ug/Kg	BHB	1/25/99
Fluoranthene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Pyrene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<570	ug/Kg	BHB	1/25/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
016 B-7S			Sample Date 12/15/1998 Time: 15:30		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<570	ug/Kg	BHB	1/25/99
Chrysene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<570	ug/Kg	BHB	1/25/99
Di-n-octyl phthalate	EPA 8270 B/N	<570	ug/Kg	BHB	1/25/99
Benzo(b)fluoranthene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Benzo(k)fluoranthene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Benzo(a)pyrene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
2-MethylNaphthalene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
3-Nitroaniline	EPA 8270 B/N	<1400	ug/Kg	BHB	1/25/99
Dibenzofuran	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
4-Nitroaniline	EPA 8270 B/N	<1400	ug/Kg	BHB	1/25/99
4-Chloroaniline	EPA 8270 B/N	<290	ug/Kg	BHB	1/25/99
2-Nitroaniline	EPA 8270 B/N	<1400	ug/Kg	BHB	1/25/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/07/99
Barium, solid	ICP, SW-846 Method	103	mg/Kg	JMR	1/07/99
Cadmium, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/07/99
Chromium, solid	ICP, SW-846 Method	5.9	mg/Kg	JMR	1/07/99
Lead, solid	ICP, SW-846 Method	11.2	mg/Kg	JMR	1/07/99
Mercury, solid	SW-846 Method 7471	<0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<15.7	mg/Kg	JMR	1/07/99
Silver, solid	ICP, SW-846 Method	<2.6	mg/Kg	JMR	1/07/99
Total Organic Carbon	EPA 415.2	43,900	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		57.9	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
017 B-6S			Sample Date 12/15/1998 Time: 15:37		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/25/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,3-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,4-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachloroethane	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Nitrobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Isophorone	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Naphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorobutadiene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-Chloronaphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Dimethyl Phthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
Acenaphthylene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Acenapthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2,6-Dinitrotoluene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2,4-Dinitrotoluene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Diethyl Phthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Fluorene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Phenanthrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Di-n-butylphthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
Fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
017 B-6S			Sample Date 12/15/1998 Time: 15:37		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
Chrysene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
Di-n-octyl phthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
Benzo(b)fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo(k)fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo(a)pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-MethylNaphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
3-Nitroaniline	EPA 8270 B/N	<890	ug/Kg	BHB	1/25/99
Dibenzofuran	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
4-Nitroaniline	EPA 8270 B/N	<890	ug/Kg	BHB	1/25/99
4-Chloroaniline	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-Nitroaniline	EPA 8270 B/N	<890	ug/Kg	BHB	1/25/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<10.8	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	8.4	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	3.2	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	15.6	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	<0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<6	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	34,500	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		93.3	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
018 B-6D(2')			Sample Date 12/15/1998 Time: 15:45		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/25/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
1,3-Dichlorobenzene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
1,4-Dichlorobenzene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
1,2-Dichlorobenzene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Hexachloroethane	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Nitrobenzene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Isophorone	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Naphthalene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Hexachlorobutadiene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
2-Chloronaphthalene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Dimethyl Phthalate	EPA 8270 B/N	<400	ug/Kg	BHB	1/25/99
Acenaphthylene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Acenapthene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
2,6-Dinitrotoluene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
2,4-Dinitrotoluene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Diethyl Phthalate	EPA 8270 B/N	<400	ug/Kg	BHB	1/25/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Fluorene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Hexachlorobenzene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Phenanthrene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Anthracene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Di-n-butylphthalate	EPA 8270 B/N	<400	ug/Kg	BHB	1/25/99
Fluoranthene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Pyrene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<400	ug/Kg	BHB	1/25/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
018 B-6D(2')			Sample Date 12/15/1998 Time: 15:45		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<400	ug/Kg	BHB	1/25/99
Chrysene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<400	ug/Kg	BHB	1/25/99
Di-n-octyl phthalate	EPA 8270 B/N	<400	ug/Kg	BHB	1/25/99
Benzo(b)fluoranthene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Benzo(k)fluoranthene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Benzo(a)pyrene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
2-MethylNaphthalene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
3-Nitroaniline	EPA 8270 B/N	<990	ug/Kg	BHB	1/25/99
Dibenzofuran	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
4-Nitroaniline	EPA 8270 B/N	<990	ug/Kg	BHB	1/25/99
4-Chloroaniline	EPA 8270 B/N	<200	ug/Kg	BHB	1/25/99
2-Nitroaniline	EPA 8270 B/N	<990	ug/Kg	BHB	1/25/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<3.3	mg/Kg	JMR	1/07/99
Barium, solid	ICP, SW-846 Method	<10.7	mg/Kg	JMR	1/07/99
Cadmium, solid	ICP, SW-846 Method	<1.1	mg/Kg	JMR	1/07/99
Chromium, solid	ICP, SW-846 Method	4.2	mg/Kg	JMR	1/07/99
Lead, solid	ICP, SW-846 Method	3.3	mg/Kg	JMR	1/07/99
Mercury, solid	SW-846 Method 7471	<0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<12.9	mg/Kg	JMR	1/07/99
Silver, solid	ICP, SW-846 Method	<2.1	mg/Kg	JMR	1/07/99
Total Organic Carbon	EPA 415.2	22,000	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		83.3	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
019 B-9S			Sample Date 12/15/1998 Time: 15:50		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				PNC	1/26/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
1,3-Dichlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
1,4-Dichlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
1,2-Dichlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Hexachloroethane	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Nitrobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Isophorone	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Naphthalene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Hexachlorobutadiene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
2-Chloronaphthalene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Dimethyl Phthalate	EPA 8270 B/N	<410	ug/Kg	PNC	1/26/99
Acenaphthylene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Acenapthene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
2,6-Dinitrotoluene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
2,4-Dinitrotoluene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Diethyl Phthalate	EPA 8270 B/N	<410	ug/Kg	PNC	1/26/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Fluorene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Hexachlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Phenanthrene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Anthracene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Di-n-butylphthalate	EPA 8270 B/N	<410	ug/Kg	PNC	1/26/99
Fluoranthene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Pyrene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<410	ug/Kg	PNC	1/26/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
019 B-9S			Sample Date 12/15/1998 Time: 15:50		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<410	ug/Kg	PNC	1/26/99
Chrysene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<410	ug/Kg	PNC	1/26/99
Di-n-octyl phthalate	EPA 8270 B/N	<410	ug/Kg	PNC	1/26/99
Benzo(b)fluoranthene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Benzo(k)fluoranthene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Benzo(a)pyrene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
2-MethylNaphthalene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
3-Nitroaniline	EPA 8270 B/N	<1000	ug/Kg	PNC	1/26/99
Dibenzofuran	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
4-Nitroaniline	EPA 8270 B/N	<1000	ug/Kg	PNC	1/26/99
4-Chloroaniline	EPA 8270 B/N	<200	ug/Kg	PNC	1/26/99
2-Nitroaniline	EPA 8270 B/N	<1000	ug/Kg	PNC	1/26/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<28.8	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	48.6	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	1.2	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	3.1	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	8.8	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	<0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<13.9	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<2.3	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	84,400	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		79.8	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
020 B-9D			Sample Date 12/15/1998 Time: 15:55		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/25/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
1,3-Dichlorobenzene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
1,4-Dichlorobenzene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
1,2-Dichlorobenzene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Hexachloroethane	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Nitrobenzene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Isophorone	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Naphthalene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Hexachlorobutadiene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
2-Chloronaphthalene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Dimethyl Phthalate	EPA 8270 B/N	<430	ug/Kg	BHB	1/25/99
Acenaphthylene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Acenapthene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
2,6-Dinitrotoluene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
2,4-Dinitrotoluene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Diethyl Phthalate	EPA 8270 B/N	<430	ug/Kg	BHB	1/25/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Fluorene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Hexachlorobenzene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Phenanthrene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Anthracene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Di-n-butylphthalate	EPA 8270 B/N	<430	ug/Kg	BHB	1/25/99
Fluoranthene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Pyrene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<430	ug/Kg	BHB	1/25/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
020 B-9D			Sample Date 12/15/1998 Time: 15:55		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<430	ug/Kg	BHB	1/25/99
Chrysene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<430	ug/Kg	BHB	1/25/99
Di-n-octyl phthalate	EPA 8270 B/N	<430	ug/Kg	BHB	1/25/99
Benzo(b)fluoranthene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Benzo(k)fluoranthene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Benzo(a)pyrene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
2-MethylNaphthalene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
3-Nitroaniline	EPA 8270 B/N	<1100	ug/Kg	BHB	1/25/99
Dibenzofuran	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
4-Nitroaniline	EPA 8270 B/N	<1100	ug/Kg	BHB	1/25/99
4-Chloroaniline	EPA 8270 B/N	<220	ug/Kg	BHB	1/25/99
2-Nitroaniline	EPA 8270 B/N	<1100	ug/Kg	BHB	1/25/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<14.5	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	34.5	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	7.2	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	52.6	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	<0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<6	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	69,000	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		76.2	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
021 B-10S			Sample Date 12/15/1998 Time: 16:10		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/25/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,3-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,4-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachloroethane	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Nitrobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Isophorone	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Naphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorobutadiene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-Chloronaphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Dimethyl Phthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
Acenaphthylene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Acenapthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2,6-Dinitrotoluene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2,4-Dinitrotoluene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Diethyl Phthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Fluorene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Phenanthrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Di-n-butylphthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
Fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99

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Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
021 B-10S			Sample Date 12/15/1998 Time: 16:10		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
Chrysene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
Di-n-octyl phthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
Benzo(b)fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo(k)fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo(a)pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-MethylNaphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
3-Nitroaniline	EPA 8270 B/N	<920	ug/Kg	BHB	1/25/99
Dibenzofuran	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
4-Nitroaniline	EPA 8270 B/N	<920	ug/Kg	BHB	1/25/99
4-Chloroaniline	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-Nitroaniline	EPA 8270 B/N	<920	ug/Kg	BHB	1/25/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<9.9	mg/Kg	JMR	1/06/99
Barium, solid	ICP, SW-846 Method	16.1	mg/Kg	JMR	1/06/99
Cadmium, solid	ICP, SW-846 Method	<0.5	mg/Kg	JMR	1/06/99
Chromium, solid	ICP, SW-846 Method	32.7	mg/Kg	JMR	1/06/99
Lead, solid	ICP, SW-846 Method	134	mg/Kg	JMR	1/06/99
Mercury, solid	SW-846 Method 7471	<0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<6	mg/Kg	JMR	1/06/99
Silver, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	1/06/99
Total Organic Carbon	EPA 415.2	19,600	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		90.7	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
022 B-10D(1.5')			Sample Date 12/15/1998 Time: 16:15		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/25/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
1,3-Dichlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
1,4-Dichlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
1,2-Dichlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Hexachloroethane	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Nitrobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Isophorone	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Naphthalene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Hexachlorobutadiene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
2-Chloronaphthalene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Dimethyl Phthalate	EPA 8270 B/N	<380	ug/Kg	BHB	1/25/99
Acenaphthylene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Acenapthene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
2,6-Dinitrotoluene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
2,4-Dinitrotoluene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Diethyl Phthalate	EPA 8270 B/N	<380	ug/Kg	BHB	1/25/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Fluorene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Hexachlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Phenanthrene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Anthracene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Di-n-butylphthalate	EPA 8270 B/N	<380	ug/Kg	BHB	1/25/99
Fluoranthene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Pyrene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<380	ug/Kg	BHB	1/25/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
022 B-10D(1.5')			Sample Date 12/15/1998 Time: 16:15		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<380	ug/Kg	BHB	1/25/99
Chrysene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<380	ug/Kg	BHB	1/25/99
Di-n-octyl phthalate	EPA 8270 B/N	<380	ug/Kg	BHB	1/25/99
Benzo(b)fluoranthene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Benzo(k)fluoranthene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Benzo(a)pyrene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
2-MethylNaphthalene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
3-Nitroaniline	EPA 8270 B/N	<950	ug/Kg	BHB	1/25/99
Dibenzofuran	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
4-Nitroaniline	EPA 8270 B/N	<950	ug/Kg	BHB	1/25/99
4-Chloroaniline	EPA 8270 B/N	<190	ug/Kg	BHB	1/25/99
2-Nitroaniline	EPA 8270 B/N	<950	ug/Kg	BHB	1/25/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<2.1	mg/Kg	JMR	1/07/99
Barium, solid	ICP, SW-846 Method	18.0	mg/Kg	JMR	1/07/99
Cadmium, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	1/07/99
Chromium, solid	ICP, SW-846 Method	14.9	mg/Kg	JMR	1/07/99
Lead, solid	ICP, SW-846 Method	46.1	mg/Kg	JMR	1/07/99
Mercury, solid	SW-846 Method 7471	<0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<12.5	mg/kg	JMR	1/07/99
Silver, solid	ICP, SW-846 Method	<2.1	mg/Kg	JMR	1/07/99
Total Organic Carbon	EPA 415.2	16,100	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		87.5	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
023 B-11S			Sample Date 12/15/1998 Time: 16:20		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/25/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,3-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,4-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachloroethane	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Nitrobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Isophorone	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Naphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorobutadiene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-Chloronaphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Dimethyl Phthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
Acenaphthylene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Acenapthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2,6-Dinitrotoluene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2,4-Dinitrotoluene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Diethyl Phthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Fluorene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Phenanthrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Di-n-butylphthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
Fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
023 B-11S			Sample Date 12/15/1998 Time: 16:20		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
Chrysene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
Di-n-octyl phthalate	EPA 8270 B/N	<360	ug/Kg	BHB	1/25/99
Benzo(b)fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo(k)fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo(a)pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-MethylNaphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
3-Nitroaniline	EPA 8270 B/N	<890	ug/Kg	BHB	1/25/99
Dibenzofuran	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
4-Nitroaniline	EPA 8270 B/N	<890	ug/Kg	BHB	1/25/99
4-Chloroaniline	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-Nitroaniline	EPA 8270 B/N	<890	ug/Kg	BHB	1/25/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<4.0	mg/Kg	JMR	1/07/99
Barium, solid	ICP, SW-846 Method	22.1	mg/Kg	JMR	1/07/99
Cadmium, solid	ICP, SW-846 Method	<0.9	mg/Kg	JMR	1/07/99
Chromium, solid	ICP, SW-846 Method	10.1	mg/Kg	JMR	1/07/99
Lead, solid	ICP, SW-846 Method	24.3	mg/Kg	JMR	1/07/99
Mercury, solid	SW-846 Method 7471	<0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	11.2	mg/Kg	JMR	1/07/99
Silver, solid	ICP, SW-846 Method	<1.9	mg/Kg	JMR	1/07/99
Total Organic Carbon	EPA 415.2	20,200	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		92.6	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
024 B-11D(2-2.3')			Sample Date 12/15/1998 Time: 16:25		
Matrix: Soil			Collection Method: Composite		
EPA 8270BNS				BHB	1/25/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,3-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,4-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachloroethane	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Nitrobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Isophorone	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Naphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorobutadiene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-Chloronaphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Dimethyl Phthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
Acenaphthylene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Acenapthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2,6-Dinitrotoluene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2,4-Dinitrotoluene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Diethyl Phthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Fluorene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Hexachlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Phenanthrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Di-n-butylphthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
Fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
024 B-11D(2-2.3')			Sample Date 12/15/1998 Time: 16:25		
Matrix:			Collection Method: Composite		
Benzo(a)anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
Chrysene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
Di-n-octyl phthalate	EPA 8270 B/N	<370	ug/Kg	BHB	1/25/99
Benzo(b)fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo(k)fluoranthene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo(a)pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-MethylNaphthalene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
3-Nitroaniline	EPA 8270 B/N	<920	ug/Kg	BHB	1/25/99
Dibenzofuran	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
4-Nitroaniline	EPA 8270 B/N	<920	ug/Kg	BHB	1/25/99
4-Chloroaniline	EPA 8270 B/N	<180	ug/Kg	BHB	1/25/99
2-Nitroaniline	EPA 8270 B/N	<920	ug/Kg	BHB	1/25/99
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	<8.9	mg/Kg	JMR	1/07/99
Barium, solid	ICP, SW-846 Method	19.1	mg/Kg	JMR	1/07/99
Cadmium, solid	ICP, SW-846 Method	<0.9	mg/Kg	JMR	1/07/99
Chromium, solid	ICP, SW-846 Method	24.0	mg/Kg	JMR	1/07/99
Lead, solid	ICP, SW-846 Method	35.4	mg/Kg	JMR	1/07/99
Mercury, solid	SW-846 Method 7471	<0.1	mg/Kg	JES	1/05/99
Selenium, solid	ICP, SW-846 Method	<10.7	mg/Kg	JMR	1/07/99
Silver, solid	ICP, SW-846 Method	<1.8	mg/Kg	JMR	1/07/99
Total Organic Carbon	EPA 415.2	36,700	mg/kg	H2M	12/29/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	12/23/98
Percent Solids		90.2	%	MJW	12/18/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	12/31/98
Mercury Solid Prep		Complete		JES	12/30/98

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IT CORP/FLUOR DANIELS GTI
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Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
025 RINSATE BLANK			Sample Date 12/15/1998 Time: 16:45		
Matrix: Water			Collection Method: Grab		
EPA 8270BNW				PNC	1/20/99
bis(2-Chloroethyl)ether	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
1,3-Dichlorobenzene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
1,4-Dichlorobenzene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
1,2-Dichlorobenzene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Hexachloroethane	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Nitrobenzene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Isophorone	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
1,2,4-Trichlorobenzene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Naphthalene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Hexachlorobutadiene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Hexachlorocyclopentadiene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
2-Chloronaphthalene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Dimethyl Phthalate	EPA 8270 B/N	<10	ug/L	PNC	1/20/99
Acenaphthylene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Acenapthene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
2,6-Dinitrotoluene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
2,4-Dinitrotoluene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Diethyl Phthalate	EPA 8270 B/N	<10	ug/L	PNC	1/20/99
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Fluorene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
N-Nitrosodiphenylamine	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Hexachlorobenzene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Phenanthrene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Anthracene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Di-n-butylphthalate	EPA 8270 B/N	<10	ug/L	PNC	1/20/99
Fluoranthene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Pyrene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Butyl Benzyl Phthalate	EPA 8270 B/N	<10	ug/L	PNC	1/20/99

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SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB ALBANY, INC.
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Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information

Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date
025 RINSATE BLANK			Sample Date 12/15/1998 Time: 16:45		
Matrix:			Collection Method: Grab		
Benzo(a)anthracene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
3,3'-Dichlorbenzidine	EPA 8270 B/N	<10	ug/L	PNC	1/20/99
Chrysene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<10	ug/L	PNC	1/20/99
Di-n-octyl phthalate	EPA 8270 B/N	<10	ug/L	PNC	1/20/99
Benzo(b)fluoranthene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Benzo(k)fluoranthene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Benzo(a)pyrene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
Benzo (g,h,i) perylene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
2-MethylNaphthalene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
3-Nitroaniline	EPA 8270 B/N	<25	ug/L	PNC	1/20/99
Dibenzofuran	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
4-Nitroaniline	EPA 8270 B/N	<25	ug/L	PNC	1/20/99
4-Chloroaniline	EPA 8270 B/N	<5	ug/L	PNC	1/20/99
2-Nitroaniline	EPA 8270 B/N	<25	ug/L	PNC	1/20/99
RCRA METALS W					
Arsenic, water	ICP, EPA Method 200	<0.02	mg/L	JMR	1/06/99
Barium, water	ICP, EPA Method 200	<0.05	mg/L	JMR	1/06/99
Cadmium, water	ICP, EPA Method 200	<0.005	mg/L	JMR	1/06/99
Chromium, water	ICP, EPA Method 200	<0.01	mg/L	JMR	1/06/99
Lead, water	ICP, EPA Method 200	<0.005	mg/L	JMR	1/06/99
Mercury, water	EPA Methods 245.1	<0.0002	mg/L	JES	1/05/99
Silver, water	ICP, EPA Method 200	<0.01	mg/L	JMR	1/06/99
Total Organic Carbon	EPA 415.2	<1	mg/L	H2M	1/11/99
Ext. for 8270 B/N Waters	EPA Method 8270 B/N	Complete		ACK	12/21/98
ICP/Flame Water Digestion	EPA Method 3010	Complete		JES	12/28/98
Mercury Water Prep.	EPA Methods 245.1	Complete		SGH	1/05/99
Furnace Digestion	EPA Method 3020	Complete		JES	12/28/98
Selenium, furnace	Std. Methods 18th -	<0.005	mg/L	JMR	1/07/99

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IT CORP/FLUOR DANIELS GTI
13 British American Blvd

Latham NY 12110

Task Number 9812-00895
Customer No. 000270
Project No. MOBIL
Purchase Order # 110213KR
Report Date 2/03/99

Sampling Information
Project Location: MOBIL MACEDON,NY
Sampled By: ANTONOLF

Date Received 12/17/98

Test Performed	Method	Results	Units	Tech	Analy. Date

Authorized for Release: _____
David O'Hehir, Laboratory Director

NYS ELAP:10358 MA DEP:NY052 CT DEP:PH-0551 NJ DEP:73581

SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
518-786-8100
FAX 518-786-7700

CHAIN OF CUSTODY RECORD
LABORATORY SERVICES

TASK # 9812-00895

Client IT CORPORATION
Client Contact TOM ANTONOFF
Project Location MOBIL MACEDON, NY
Purchase Order 110213 KR

Sampler's Name KEVIN CRONIN, TOM ANTONOFF
(please print)
Contact TOM ANTONOFF (518) 783-1996
Turnaround Time Requested STANDARD

LAB ID	Sample ID/Description	Date Sampled	Time A = a.m. P = p.m.	Sample Type: Matrix	Sample Type: COMP	Sample Type: GRAB	# of Containers	Preservative (list by # from list below)	Analysis Required
1	~~B-4 REC~~ B-1D	12/15/98	1332	SOIL	X		1	N	8270 B/N, RCRA METALS, TOC
2	B-1S		1334						" " "
3	B-2D		1350						" " "
4	B-2S		1352						" " "
5	B-4AS		1406						" " "
6	B-4AD		1404						" " "
7	B-4D		1417						" " "
8	B-4S		1420						" " "
9	B-5D		1425						" " "
10	B-5S		1427						" " "

Sampled by: (signature) Kevin Cronin	Date/Time 12/15/98 1650	Received by: (signature)	Date/Time
Relinquished by: (signature)		Received by: (signature)	
Relinquished by: (signature)		Received by: (signature)	
Dispatched by: (signature)		Received for Laboratory by:	12-17-98 1000

Preservatives

1. HCl
2. HNO_3
3. NaOH
4. NaS_2O_3
5. Zn Acet
6. Ascorbic
7. H_2SO_4
8. F (Filtered)
9. N (not preserved)
10. Other

Sample Condition

1. Samples intact? (Y) N
2. Custody seals intact? (Y) N
3. Preserved properly? (Y) ~~N~~
4. Ambient or chilled?
5. C.O.C. received with (Y) N samples?

NOTES/COMMENTS/BILLING INFORMATION:

RESULTS TO TOM ANTONOFF
IT CORPORATION
13 BRITISH AMERICAN BLVD.
ALBANY, NY 12110

Method of Shipment: AIR BORNE EXPRESS
#6069326981

Date: 12/16/98

~~BILL TO~~ I.T.

SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
518-786-8100
FAX 518-786-7700

CHAIN OF CUSTODY RECORD
LABORATORY SERVICES

TASK # 9912-00895

Client IT CORPORATION
Client Contact TOM ANTONOFF
Project Location MOBIL MACEDON, NY
Purchase Order 110213 KR

Sampler's Name KEVIN CRONIN, TOM ANTONOFF (please print)
Contact TOM ANTONOFF (518) 783-1996
Turnaround Time Requested STANDARD

LAB ID	Sample ID/Description	Date Sampled	Time A = a.m. P = p.m.	Sample Type: Matrix	Sample Type: COMP	Sample Type: GRAB	# of Containers	Preservative (list by # from list below)	Analysis Required
11	B-3S	12/15/98	1440	SOIL	X		1	N	8270 B/N, RCRA METALS, TOC
12	B-3D		1445						" " "
13	BLIND FIELD DUPLICATE		1447						" " "
14	B-8S		1523						" " "
15	B-8D		1525						" " "
16	B-7S		1530						" " "
17	B-6S		1537						" " "
18	B-6D (2')		1545						" " "
19	B-9S		1550						" " "
20	B-9D		1555						" " "

Sampled by: (signature) Kevin Cronin	Date/Time 12/15/98 1650	Received by: (signature)	Date/Time
Relinquished by: (signature)		Received by: (signature)	
Relinquished by: (signature)		Received by: (signature)	
Dispatched by: (signature)		Received for Laboratory by:	12.17.98 1000

Preservatives

1. HCl
2. HNO_3
3. NaOH
4. NaS_2O_3
5. Zn Acet
6. Ascorbic
7. H_2SO_4
8. F (Filtered)
9. N (not preserved)
10. Other

Sample Condition

1. Samples intact? (Y) N
2. Custody seals intact? (Y) N
3. Preserved properly? Y N
4. Ambient or chilled?
5. C.O.C. received with (Y) N samples?

NOTES/COMMENTS/BILLING INFORMATION:

Method of Shipment: AIRBORNE EXPRESS
6069326981

Date: 12/16/98

SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
518-786-8100
FAX 518-786-7700

CHAIN OF CUSTODY RECORD
LABORATORY SERVICES

TASK # 9812-00895

Client IT CORPORATION
Client Contact TOM ANTONOFF
Project Location MOBIL MACEDON, NY
Purchase Order 110213 KR

Sampler's Name KEVIN CRONIN, TOM ANTONOFF
(please print)
Contact TOM ANTONOFF (518) 783-1996
Turnaround Time Requested STANDARD

LAB ID	Sample ID/Description	Date Sampled	Time A = a.m. P = p.m.	Sample Type: Matrix	Sample Type: COMP	Sample Type: GRAB	# of Containers	Preservative (list by # from list below)	Analysis Required
21	B-10S	12/15/98	1610	SOIL	X		1	N	8270 B/N, RCRA METALS, TOC
22	B-10D (1.5')		1615				2		" " "
23	B-11S		1620						" " "
24	B-11D (2'-2.3')		1625						" " "
25 ★	RINSATE	12/15/98	1645	WATER		X	5	1,2,4	" " "

Sampled by: (signature)	Date/Time	Received by: (signature)	Date/Time
Kevin Cronin	12/15/98 1650		
Relinquished by: (signature)		Received by: (signature)	
Relinquished by: (signature)		Received by: (signature)	
Dispatched by: (signature)		Received for Laboratory by:	12.17.98 1000

Preservatives
1. HCl 6. Ascorbic
2. HNO_3 7. H_2SO_4
3. NaOH 8. F (Filtered)
4. NaS_2O_3 9. N (not preserved)
5. Zn Acet 10. Other

Sample Condition
1. Samples intact? (Y) N
2. Custody seals intact? (Y) N
3. Preserved properly? (Y) N
4. Ambient or (chilled)?
5. C.O.C. received with samples? (Y) N

Method of Shipment: AIRBORNE EXPRESS
Date:

NOTES/COMMENTS/BILLING INFORMATION:

★ 1 RINSATE BLANK FOR 8270 BROKE DURING SHIPMENT. DLP 12.17.98

#6069326981

91B-2-99

APPENDIX B
SITE PHOTOGRAPHS

IT Corporation
Photographic Record

Customer:	**Mobil**	**Project Number:**	**105794**
Site Name:	**Macedon**	**Site Location:**	**Macedon, N.Y.**

Photographer:

KC

Date: December 15, 1998

Direction: View to the west.

Comments: Quiet water area south of the stone wall of the old Erie Canal lock. Sample B-1 location flag in center of photo.

Photographer:

KC

Date:

December 15, 1998

Direction: View to the northwest.

Comments: View of the eastern end of the subject area below Boulder Zone (background). Sample B-11 location flag in left-center.

IT CORPORATION
A Member of The IT Group