SITE CHARACTERIZATION REPORT
STIMSON LUMBER COMPANY COOLING POND

Missoula County, Montana

Prepared For:

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EXECUTIVE SUMMARY

This document presents the results of a site investigation to characterize sediments beneath a cooling pond at the Stimson Lumber Company Mill located in Bonner, Montana. The investigation was conducted by Olympus Technical Services, Inc. under contract with the Montana Department of Environmental Quality. The objective of the investigation was to collect sediment samples from the cooling pond and analyze the samples for a wide variety of potential contaminants to assess contaminant presence and/or contaminant distribution in the pond. The analytical data may be used to guide future discussions about the fate of the pond sediments.

The cooling pond (Site) is located adjacent to the Blackfoot River at an approximate elevation of 3,160 feet on the north border of the Stimson Lumber Company Mill property. Based on historical photographs, the cooling pond was constructed in the former channel of the Blackfoot River. The pond has approximate dimensions of 490 feet long by 60 feet wide with a surface area of approximately 29,100 square feet. The depth of water is variable, ranging from less than one foot at the eastern edge of the pond to approximately nine feet at the western area of the pond. The cooling pond collects water from various sources at the Mill including boiler blow-down water, Non Contact Cooling Water (NCCW), and surface runoff. Water enters the pond from overland flow, and from pipes and an open discharge stream located in the western area of the pond. Water from the pond discharges to the Blackfoot River from an outlet located in the eastern area of the pond.

The field sampling program included the collection of sediment samples from four soil borings advanced at selected areas of the pond. The borings, labeled B1, B2, B3, and B4, were advanced using a hydraulic core drill mounted on a floating aluminum drill platform (cover photo). Continuous soil sampling was performed at two-foot intervals from the sediment/surface water interface (varying from 3.5 to 9 feet below the water surface) to a depth of sampler refusal (21.5 to 25 feet below the water surface). The soil borings were located with the intent to characterize sediment at the pond outlet (B1), central pond area (B2), and pond influent areas (B3 and B4).

The collected samples were shipped by overnight courier, using chain of custody procedures, to Northern Analytical Laboratories in Billings, Montana. As historical uses and discharges to the cooling pond are unknown, an extensive range of potential contaminants were assessed. Selected samples were analyzed for the following parameters and compounds: pH; moisture content, Eh (oxidation-reduction potential); volatile petroleum hydrocarbons (VPH); extractable petroleum hydrocarbons (EPH); volatile organic compounds (VOC); semivolatile organic compounds (SVOC); polychlorinated biphenyls (PCB), chlorinated pesticides, chlorinated herbicides, and total metals. In addition, composite samples from each boring were analyzed for hazardous waste characteristics using the toxic characteristic leaching procedure (TCLP).

Concentrations of compounds detected in the laboratory analyses of the sediment samples were compared to project screening levels that were established based on classification as a Resource Conservation and Recovery Act (RCRA) hazardous waste, or to risk-based screening levels developed or established by the Montana Department of Environmental Quality or the United States Environmental Protection Agency (EPA).

The most notable contaminants in the pond sediments are PCBs and extractable petroleum hydrocarbons as C11 to C22 range aromatics. Following is a summary of the compounds detected at concentrations exceeding the project screening levels.

- EPH (dry weight) - C_{11} to C_{22} Aromatics: detected at concentrations from 180 milligrams per kilogram (mg/Kg) to 490 mg/Kg in samples collected from soil borings B1, B2, B3, and B4 (screening level of 100 mg/Kg);

- EPH (dry weight) - Total Extractable Hydrocarbons: detected at a concentration of 7,400 mg/Kg in a sample collected from soil boring B2 and at a concentration of 5,900 mg/kg in a sample collected from soil boring B3 (screening level of 5,000 mg/Kg);

- PCBs (dry weight) - Aroclor-1254: detected at concentrations ranging from 0.55 mg/Kg to 65 mg/Kg in samples collected from soil borings B1, B2, B3, and B4 (screening level of 0.11 mg/Kg); and

- Total Metals (dry weight) - Manganese: detected at concentrations of 2,740 mg/Kg and 3,010 mg/Kg in samples collected from soil boring B4 (screening level of 1,800 mg/Kg).

In addition, due to sample dilutions and/or other necessary laboratory corrections or equipment limitations, laboratory detection limits for the following compounds in some or all of the samples exceeded the project screening levels:

- VPH (dry weight) - methyl tert-butyl ether;

- VOCs - 1,2-Dibromomethane, Acronitrile, and tert-1,4-Dichloro-2-butene;

- SVOCs- 3,3-Dichlorobenzidene, Hexachlorobenzene, N-Nitrosodimethylamine, and N-Nitrosodi-n-propylamine;

- Chlorinated Pesticides - Aldrin, Dieldrin, Heptachlor epoxide, Toxaphene; and

- PCBs - Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor 1254, and Aroclor 1260.

The data indicate that the PCBs and petroleum hydrocarbons are the primary contaminants and they are distributed throughout the pond sediments. Petroleum hydrocarbon compounds and PCBs were detected in every sample that was analyzed at concentrations above their respective screening levels. The data did not indicate either areal or vertical “hot spots” or source areas occur within the pond sediment. Hydrocarbons present in the sediment have boiling points in the range of lubricating and hydraulic oils, although they are not entirely consistent with those of reference lubricating and hydraulic oil chromatograms used by Northern.

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1.0 INTRODUCTION

This document presents the results of a site investigation to characterize sediments at a cooling pond at the Stimson Lumber Company Mill located in Bonner, Montana. The investigation was conducted by Olympus Technical Services, Inc. (Olympus) for the Montana Department of Environmental Quality (DEQ). The investigation was conducted in general accordance with *Sampling and Analytical Plan for Sediment Characterization at the Stimson Lumber Cooling Pond* (Olympus, 2006). Site work was performed from March 28 through 31, 2006.

The purpose of the investigation was to collect sufficient physical and analytical data to assess potential contaminants and potential contaminant distribution in the cooling pond sediments.

2.0 PROJECT DESCRIPTION

The Stimson Lumber Company's Bonner Mill (Mill) is a plywood and lumber processing facility located in Bonner, Missoula County, Montana. The location of the Mill and cooling pond are shown on Figure 1. The cooling pond (Site) is located adjacent to the Blackfoot River at an approximate elevation of 3,160 feet on the north border of the Mill property. Based on historical photographs, the cooling pond was constructed within the former channel of the Blackfoot River.

The pond has approximate dimensions of 490 feet long by 60 feet wide with a surface area of approximately 29,100 square feet. The depth of water is variable, ranging from less than one foot at the eastern edge of the pond to approximately nine feet at the western area of the pond. The cooling pond collects water from various sources at the Mill including boiler blow-down water, Non Contact Cooling Water (NCCW), and surface runoff. Water discharged from the Mill enters the pond from pipes and an open stream located in the western area of the pond. Water from the pond discharges to the Blackfoot River from an outlet located in the eastern area of the pond.

2.1 Project Objectives

Historical uses and Mill discharges to the cooling pond are unknown. The objective of the Site Characterization was to collect sediment samples from the cooling pond and analyze the samples for a wide variety of potential contaminants to assess contaminant and/or contaminant distribution in the pond sediments. The analytical data may be used to guide potential future removal, transport, and disposal of the pond sediments.

2.2 Site Setting

2.2.1 Location and Topography

The Mill is located in the Blackfoot River valley in the NW1/4, Section 22, Township 13 North, Range 18 West of the Montana Principal Meridian at Latitude 47° 00' 24.3" North, Longitude 109° 20' 53.5" West. Regional geography is characterized by steep mountainous terrain with vertical relief of up to 3,000 feet. The cooling pond is located on a bench above the south bank of the Blackfoot River at an elevation of approximately 3,160 feet above mean sea level. An approximate 25-foot wide embankment with an access road at its top separates the pond from

the Blackfoot River. The pond is located approximately five to eight feet below the top of the embankment, and the Blackfoot River is located approximately 20 feet below the top of the embankment. Figure 2 shows an aerial photograph of the Site and nearby features.

2.2.2 Surface Water Hydrology

The Blackfoot River drains an area of approximately 2,290 square miles upstream from the Site. The Site is located approximately 5,580 feet upstream (east) of the Blackfoot River's confluence with the Clark Fork River. The USGS Bonner gaging station on the Blackfoot River is located approximately 5.5 miles upstream of the Site. Stream flow records at the gaging station for the periods 1899 to 1905 and 1940 to present show that flows have ranged from approximately 200 to 19,200 cubic feet per second.

2.2.3 Geology

The geology in the region has been summarized on a USGS geologic map (Lewis, 1998). The area is characterized by folded and faulted sedimentary rocks of Pre-Cambrian age. The structures are related to Sevier style thrust faults that trend northwest-southeast. The McNamara Formation, Bonner Quartzite, Mount Shields Formation, and Shepard Formation of the Belt Supergroup form the local bedrock at the Site. These formations are composed of interbedded argillite, siltite, and quartzite. The bedrock is exposed on the north bank of the Blackfoot River north from the Site. Quaternary age alluvial sediments and anthropogenic fill overlie the bedrock at the Site.

2.2.4 Hydrogeology

Information regarding site hydrogeology was obtained from the Montana Bureau of Mines and Geology (MBMG) Ground Water Information Center (GWIC). There are 183 GWIC registered wells located within a one mile radius of the Site. The nearest registered wells and their reported total depth and static water level are shown on Figure 3; however, the well locations in GWIC are often approximate and cannot be relied on without field checking.

GWIC provided drilling logs for some of the wells located within a one mile radius of the Site; available logs indicate that the wells are completed in alluvial clay, sand and gravel. The maximum total depth of the wells located within one mile of the Site is reported to be 240 feet below ground surface (BGS), and the median total depth of the wells is reported to be 95 feet BGS. The maximum depth to static water level of the wells is reported to be 118 feet BGS, and the median depth to static water level of the wells is reported to be 48 feet BGS. The minimum total depth and minimum depth to static water levels of the wells was reported as zero; however, if no data are available the minimum depths are reported as zero, and the minimum depth data are unreliable.

Ground water quality data for a ground water sample collected from one of the Stimson Lumber Company wells was obtained from GWIC. The sample was collected on November 14, 2000 by MBMG staff and analyzed for major ions, trace elements, and basic water quality parameters. The analytical data for the ground water sample were compared to federal and state drinking water quality standards. Concentrations of analytes and other water quality parameters were

detected at concentrations or levels below applicable water quality standards. Appendix A includes a copy of the ground water quality data obtained from the GWIC.

2.2.5 Land Use and Population

Surrounding land is used for commercial and residential purposes. The Stimson Lumber Company Bonner Mill, consisting of warehouses, buildings, and log and chip storage areas, is located south of the Site. The nearest residences are located on or adjacent to Montana Highway 200, located approximately 1,000 feet southeast of the Site. Approximately 61,000 people live within a 20-mile radius of the Site.

2.2.6 Site Development History

Information regarding development of the Site was obtained from past and current Stimson employees. The employees reported that the pond was built sometime after 1905 and before 1940. They reported that the pond used to be periodically dredged, and that the practice of placing logs in the pond prior to debarking continued into the early 1970s.

3.0 SITE ASSESSMENT

The primary objective of this assessment was to assess potential contaminants contained in sediments at the Mill's cooling pond. The *Sampling and Analytical Plan for Sediment Characterization at the Stimson Lumber Cooling Pond* (SAP; Olympus, 2006) includes a Field Sampling Plan (FSP) describing the constituents of concern, data quality objectives, study boundaries, sampling plan and protocols, and field sampling procedures. The SAP includes a Quality Assurance Project Plan (QAPjP) that identifies project management, quality assurance objectives, sampling and chain of custody protocols, and data evaluation and reporting. The SAP also includes a Laboratory Analytical Plan (LAP) describing the laboratory requirements for sample analyses and quality assurance requirements.

3.1 Field Sampling Plan and Field Activities

Project field activities and sampling were conducted in general accordance with the SAP and Olympus' Standard Operating Procedures (Appendix B). A summary of field activities and sampling, including any deviations from the SAP, are detailed as follows.

Four soil borings were located at areas to characterize sediment at the pond outlet (B1), central pond area (B2), and pond influent areas (B3 and B4) as shown on Figure 4. The borings were advanced by Salisbury and Associates, Inc. of Spokane, Washington using a hydraulic core drill mounted on a floating aluminum drill platform (cover photo). A piston-driven Shelby tube sampler was used to collect continuous soil samples at two-foot intervals from the sediment/water interface to the depth of sampler refusal. Split spoon sampling was attempted at all borings following Shelby tube refusal; however, limited or no sample recovery was obtained using the split spoon sampler. Soil boring logs that include boring and sampling information, sample descriptions, and field observations, are provided in Appendix C.

Sampling equipment decontamination procedures were followed as outlined in the SAP. All equipment was decontaminated before collection of each sample. Equipment decontamination consisted of a tap water rinse, a soap and tap water wash, a dilute nitric acid rinse (ten parts distilled/deionized water to one part concentrated nitric acid), and a deionized water rinse followed by air drying. All equipment was decontaminated before leaving the site to prevent off-site transport of contaminants.

Samples were identified, labeled, described, preserved, and handled as outlined in the SAP. A sample numbering system was used to identify the project site, the sample medium, and the specific sample location. The sample identifier for each sample included the boring number, the letter S (to indicate that the sample media is soil) and a number sequentially assigned for each boring. For example, the uppermost sample collected from boring B1 was assigned sample number B1-S-1. Sample locations were described in the field logbook and plotted on the site sketch. All samples were labeled in the field and documented with the date and time of sample collection, the sample number, any preservatives used, and the sampler's initials. A permanent marker was used for labeling, and labels were covered with clear tape and sealed and tagged. In a deviation from the SAP, requested analyses were not written on the individual sample labels. At their request, selected sediment samples from each boring were prepared by Olympus and provided to Stimson in containers provided by Stimson.

Samples were preserved and handled as outlined in the SAP. All samples were preserved immediately upon sample collection, and stored in coolers with ice. Chain-of-custody records were kept with the samples, and custody seals were placed on the coolers prior to shipment to the laboratory. Copies of the chain-of-custody records are included with the analytical reports in Appendix D.

Field activities were documented as outlined in the SAP. All field sampling activities and non-sampling data collection was recorded in a site log book. A copy of the field notes is provided in Appendix E. The recorded information included weather conditions, field crew members, visitors to the site, samples collected, the date and time of sample collection, procedures used, any field data collected, and any deviations from this SAP.

Post sampling activities followed procedures and guidelines outlined in the SAP, with the exception of disposal of potentially contaminated fluids. In a deviation from the SAP, potentially contaminated fluids generated during field activities and equipment decontamination were disposed into the cooling pond. Collected samples were shipped in ice-cooled coolers, using chain of custody protocol, via overnight carrier (Greyhound Bus) to Northern Analytical Laboratories in Billings, Montana. Custody seals were present on the coolers.

Equipment rinsate blanks were prepared as outlined in the SAP. The equipment rinsate blanks were collected by pouring laboratory-supplied deionized water through or over decontaminated sampling equipment and into laboratory-supplied sample containers. Following laboratory instructions, preservatives were added by Olympus to appropriate containers. Rinsate blanks were analyzed for all Project constituents of concern with the exception of hazardous waste characteristics using TCLP. In a deviation from the SAP, Olympus did not collect field duplicate samples for analyses by Olympus' laboratory. With the concurrence of DEQ and Stimson, sediment recovered from a four-foot interval at each boring was divided into six eight-ounce sampling jars, with three of the jars provided to Stimson as noted above. The samples provided to Stimson were scheduled to be analyzed by Energy Laboratories, Inc. in Billings, Montana, and the analytical results used by Olympus as field duplicates. Field duplicate samples were designated with a "D" at the end of the sample identification number.

3.2 Soil Borings

Four soil borings were advanced at different areas of the mill pond, as shown on Figure 4, in an attempt to characterize the sediment at the pond. Boring logs are provided in Appendix C and the sample identifications, intervals, and list of laboratory analyses performed as summarized in Table 1. A brief description of the four soil borings and sample collection activities are as follows.

Soil Boring SB-1

Soil boring SB-1 was advanced on March 28, 2005, at a location near the east end of the pond approximately 28 feet south of the pond outlet pipe (Figure 4). Continuous sediment samples were collected at two-foot intervals from the water-sediment interface at nine feet below the water surface (BWS) to a depth of 19 feet BWS. Samples were collected using a piston-driven Shelby tube. Sediment collected from 11 to 15 feet was placed into six eight-ounce jars, and split with Stimson. Following Shelby tube refusal at 19 feet, split spoon sampling was attempted, with little sample recovery. The boring was then advanced to 21 and 23 feet BWS, with split spoon sampling attempted following each boring advancement, with little sample recovery. Based on the advancement of the core drill, the driller reported that the interval from 19 to 25 feet likely consisted of wood.

Soil Boring SB-2

Soil boring SB-2 was advanced on March 29, 2005, at the center (north-south) of the pond at a location east and downstream of the easternmost influent pipe as shown on Figure 4. Continuous sediment samples were collected at two-foot intervals from the water-sediment interface at 7.5 feet BWS to a depth of 17.5 feet BWS. Samples were collected using a piston-driven Shelby tube. Sediment collected from 9.5 to 13.5 feet was placed into six eight-ounce jars, and split with Stimson. Following Shelby tube refusal at 17.5 feet, split spoon sampling was attempted, with little sample recovery. The boring was then advanced to 19.5 feet BWS, and split spoon sampling was attempted with little sample recovery. Based on the gravel recovered at 17.5 and 19.5 feet BWS, the base of the soil boring appeared to extend beyond the pond sediments.

Soil Boring SB-3

Soil boring SB-3 was advanced on March 29, 2005, in the center (north-south) of the pond at a location between two influent pipes as shown on Figure 4. Continuous sediment samples were collected at two-foot intervals from the water-sediment interface at 7.5 feet BWS to a depth of 17.5 feet BWS. Samples were collected using a piston-driven Shelby tube. Sediment collected from 7.5 to 11.5 feet was placed into six eight-ounce jars, and split with Stimson. Following Shelby tube refusal at 17.5 feet, split spoon sampling was attempted with little sample recovery. The boring was then advanced to 19.5 feet BWS, and split spoon sampling was attempted with no sample recovery. The lithology at the base of the boring was not determined.

Soil Boring SB-4

Soil boring SB-4 was advanced on March 30, 2005, in the center (north-south) of the pond east of two active influent points (discharge pipe and stream) at the closest location to the influent points without barge grounding as shown on Figure 4. Continuous sediment samples were collected at two-foot intervals from the water-sediment interface at 3.5 feet BWS to a depth of

19.5 feet BWS. Samples were collected using a piston-driven Shelby tube. Sediment collected from 3.5 to 7.5 feet was placed into six eight-ounce jars, and split with Stimson. Following Shelby tube refusal at 19.5 feet, split spoon sampling was attempted with little sample recovery. The boring was then advanced to 21.5 feet BWS, and split spoon sampling was attempted with no sample recovery. Following boring abandonment, the driller reported that an approximate six-inch section of rock was recovered in the drill casing, indicating the base of the soil boring appeared to extend deeper than the pond sediments.

3.3 Analytical Results

Sediment and QA/QC samples were shipped, using chain of custody procedures, to Northern Analytical Laboratories (Northern) in Billings, Montana. Field duplicates were submitted by Stimson Lumber Company to Energy Laboratories, Inc. in Helena, Montana and the analyses were conducted by Energy Laboratories, Inc. at their Billings, Montana laboratory. Requested analyses for the samples were not included on the chains of custody accompanying the samples; analytical requests for selected soil samples were made following consultation between DEQ, Olympus, and Northern and were determined based on sample location, sample amounts, and sample composite determinations. A list of analytical methods is provided in Table 1. Table 2 presents sample identifications, collection dates, sampling intervals, and laboratory analyses performed for all samples collected during the site investigation. Table 3 presents the project screening levels (where applicable) and the laboratory analyses for pH, Eh (oxidation-reduction potential), moisture content, volatile petroleum hydrocarbons (VPH), and extractable petroleum hydrocarbons (EPH) for selected soil samples, duplicate samples, and rinsate samples. Table 4 presents the project screening levels and the laboratory analyses for volatile organic compounds for selected soil samples, duplicate samples, and rinsate sample. Table 5 presents the project screening levels and the laboratory analyses for semivolatile organic compounds for selected soil samples, duplicate samples, and rinsate sample. Table 6 presents the project screening levels and the laboratory analyses for chlorinated pesticides and chlorinated herbicides for selected soil samples, duplicate samples, and rinsate samples. Table 7 presents the project screening levels and the laboratory analyses for total metals and polychlorinated biphenyls (PCB) for selected soil samples, duplicate samples, and rinsate samples. Table 8 presents the project screening levels and the laboratory analyses for the RCRA characteristics analyses, including reactivity (Cyanide as HCN and Sulfide as H_2S) and TCLP (metals, VOCs, SVOCs, pesticides and herbicides) for selected composite samples from each boring. Laboratory analytical reports for these analyses and the laboratory QA/QC data are included in Appendix D.

Olympus reviewed the laboratory reports to assess whether the data met quality control objectives as outlined in the SAP. Olympus' QA/QC reports for the laboratory analyses are provided in Appendix F. Based on this review the data are considered valid.

Concentrations of compounds detected in the laboratory analyses of the sediment samples were compared to project screening levels that were established based on classification as a RCRA hazardous waste, or to risk-based screening levels developed or established by DEQ or EPA. Following is a summary of the compounds detected at concentrations exceeding the project screening levels.

- EPH (dry weight) - C_{11} to C_{22} Aromatics: detected at concentrations from 180 milligrams per kilogram (mg/Kg) to 490 mg/Kg in samples collected from soil borings B1, B2, B3, and B4 (screening level of 100 mg/Kg);

- EPH (dry weight) - Total Extractable Hydrocarbons: detected at a concentration of 7,400 mg/Kg in a sample collected from soil boring B2 and at a concentration of 5,900 mg/kg in a sample from soil boring B3 (screening level of 5,000 mg/Kg);

- PCBs (dry weight) - Aroclor-1254: detected at concentrations ranging from 0.55 mg/Kg to 65 mg/Kg in samples collected from soil borings B1, B2, B3, and B4 (screening level of 0.11 mg/Kg); and

- Total Metals (dry weight) - Manganese: detected at a concentration of 2,740 mg/Kg and 3,010 mg/Kg in samples collected from soil boring B4 (screening level of 1,800 mg/Kg).

Northern compared the EPH chromatograms to reference chromatograms for gasoline, Stoddard solvent, JP-4, jet fuel A, #1 diesel, #2 diesel, #4 diesel, #5 diesel, weathered #2 diesel fuel, crude oil, lubricating oil, and hydraulic oil. Their report is provided with the analytical results in Appendix D. Northern concluded that the hydrocarbons present in the samples have boiling points in the range of lubricating and hydraulic oils. The boiling point ranges are not entirely consistent with those of the components of hydraulic and lubricating oil references, but they are greatly different than the boiling point ranges of the hydrocarbons present in the other reference chromatograms. Northern also concluded that the series of peaks eluting the 20 to 24 minute range are attributable to the PCBs present in the samples.

In addition, due to sample dilutions and/or other necessary laboratory corrections or equipment limitations, laboratory detection limits for the following compounds in some or all of the project samples exceeded the project screening levels:

- VPH (dry weight) - methyl tert-butyl ether;

- VOCs - 1,2-Dibromomethane, Acronitrile, and tert-1,4-Dichloro-2-butene;

- SVOCs- 3,3-Dichlorobenzidine, Hexachlorobenzene, N-Nitrosodimethylamine, and N-Nitrosodi-n-propylamine;

- Chlorinated Pesticides - Aldrin, Dieldrin, Heptachlor epoxide, Toxaphene; and

- PCBs (dry weight) - Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Araclor 1254, and Aroclor 1260.

4.0 CONCLUSIONS

The objective of this site characterization was to collect sufficient data to assess potential contaminant presence and distribution in the pond sediments. Four borings were drilled along the center-line axis of the pond at locations near visible inlet pipes. These locations were selected to assess the potential for the inlets to act as unique contaminant sources.

The depth of water in the pond varied from less than one foot at boring B4, located near the west end of the pond, to nine feet at boring B1, located near the east end of the pond. The sediments in the pond are fairly uniform in appearance. They consist of brown, organic-rich silt and clays that extended to depths ranging from 17.5 to 19 feet below the pond water surface. The organic silt and clay pond sediments are underlain by a woody layer that appears to primarily consist of branches and/or logs that extend to depths of approximately 19 to 25 feet

below the water surface. The woody debris is underlain by sand and gravel that define the base of the pond sediments.

Sediment samples were collected from the organic rich clay and silt intervals. The sample recovery from the woody debris and sand/gravel intervals was insufficient for analytical purposes. The samples were analyzed for pH, Eh, VOCs, SVOCs, VPH, EPH, pesticides, herbicides, PCBs, total metals, and reactivity. Selected samples were composited and analyzed for RCRA hazardous waste characteristics, including TCLP VOCs, TCLP SVOCs, TCLP metals, TCLP pesticides, and TCLP herbicides.

The only constituents detected in the sediments that exceeded project screening levels were PCBs, C11-C22 range aromatic petroleum hydrocarbons, and manganese. The manganese screening level was exceeded in only one sample, which was collected from boring B4. The C11-C22 range aromatic petroleum hydrocarbons and PCB screening levels were exceeded in all fourteen sediment samples. The C11-C22 range aromatic petroleum hydrocarbon concentrations ranged from 260 to 664 mg/kg while the PCB concentrations ranged from 0.22 to 65 mg/kg. The data did not indicate that either areal or vertical “hot spots” or source areas occur within the pond sediment. Hydrocarbons present in the sediment have boiling points in the range of lubricating and hydraulic oils, although they are not entirely consistent with those of reference lubricating and hydraulic oil chromatograms used by Northern.

5.0 LIMITATIONS

Olympus performed the services documented in this report in a manner consistent with generally accepted principles and practices for the nature of the work completed in the same or similar localities, at the time the work was performed. No other warranty, express or implied, is made.

Opinions contained in this report apply to conditions existing when the services were performed. All conclusions and recommendations are based on readily available and reasonably ascertainable information on site conditions at the time of the work and for the laws in effect at that time. We are not responsible for any changes in environmental standards, practices, or regulations subsequent to performance of services. This report is not meant to represent a legal opinion. We do not warrant the accuracy of information supplied by others, nor the use of segregated portions of this report.

This report was prepared by:

Olympus Technical Services, Inc.

Fritz Durham, P.G. Project Hydrogeologist	Alan Stine, P.G. Principal Hydrogeologist

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FIGURES

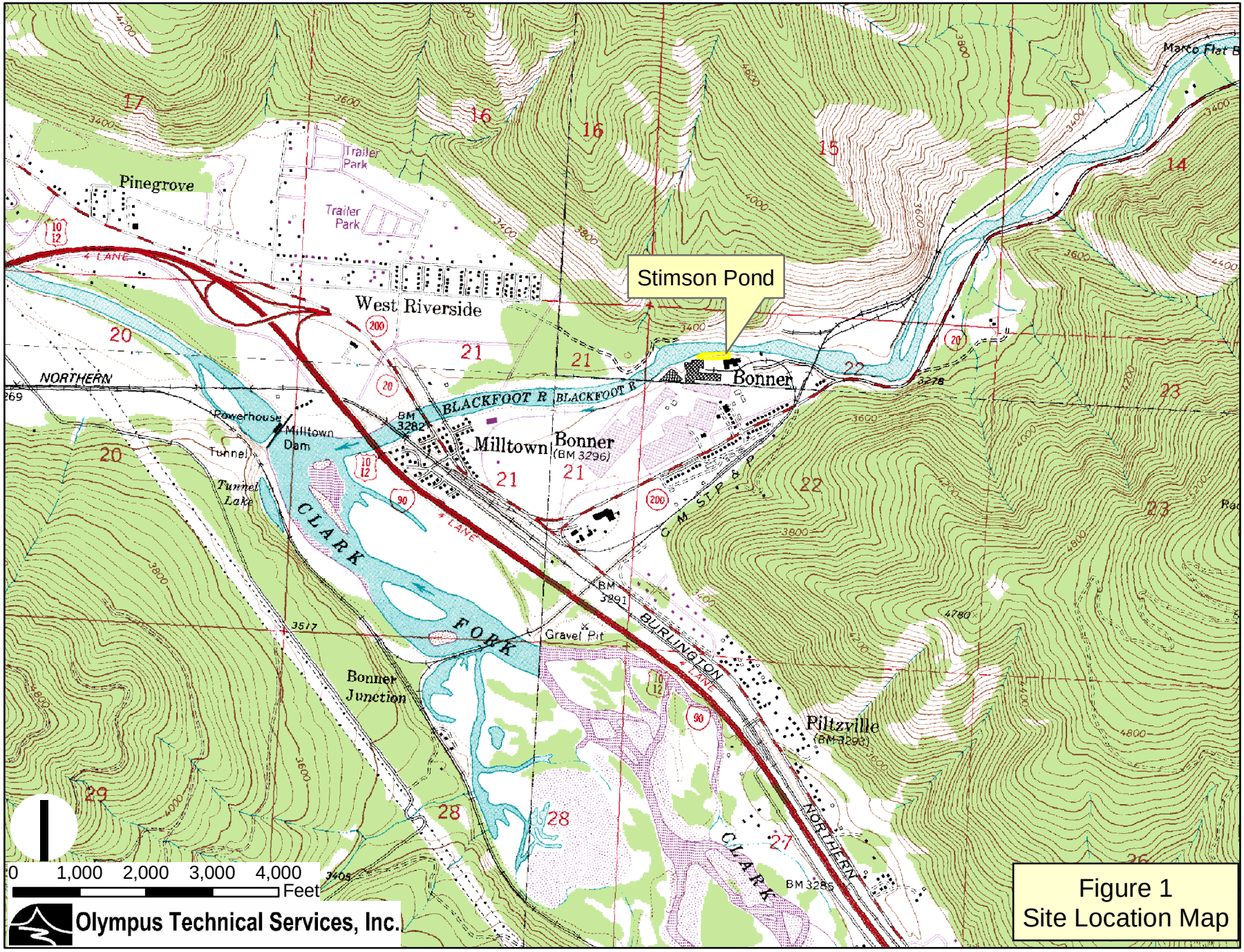


Figure 1
Site Location Map

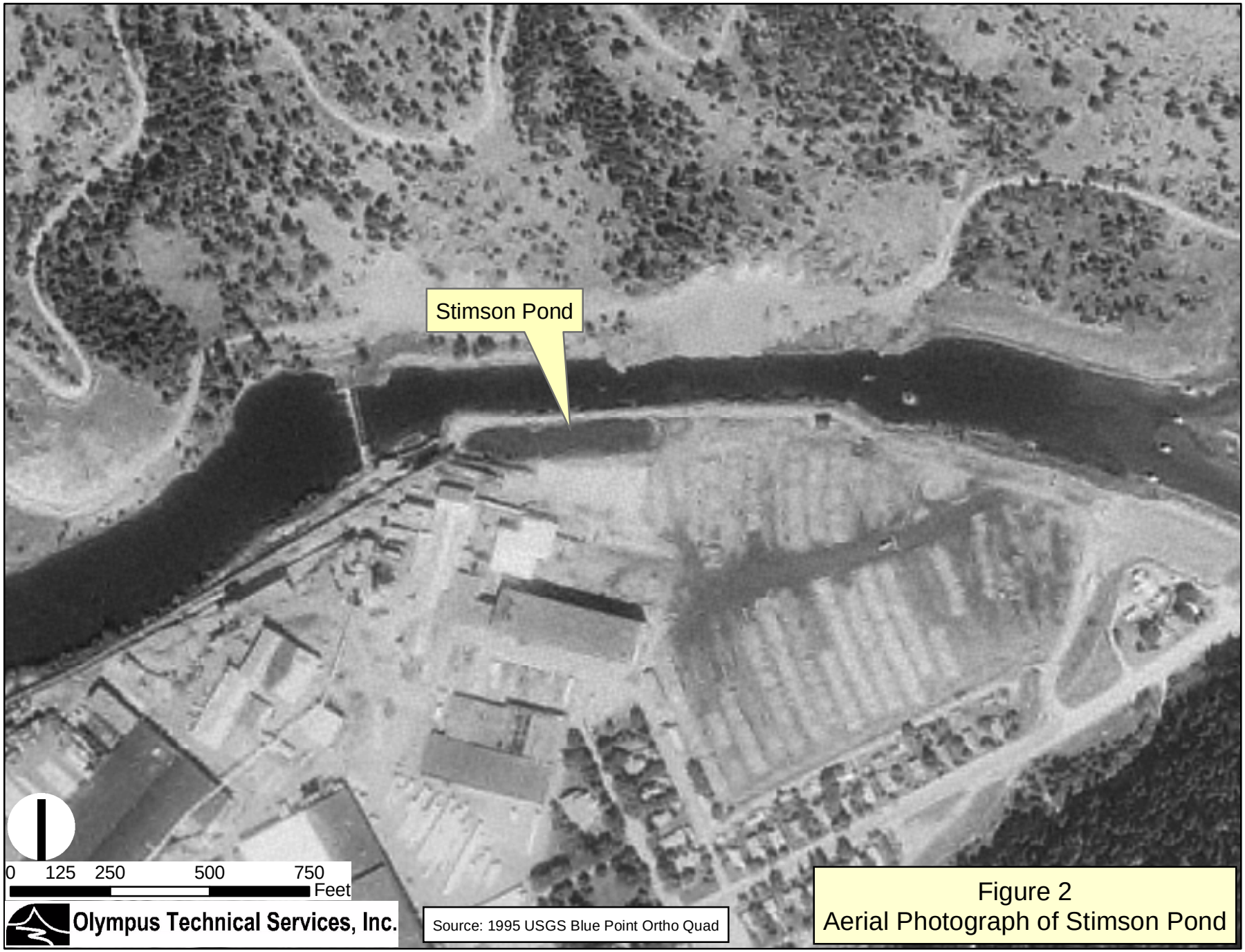


Figure 2
Aerial Photograph of Stimson Pond

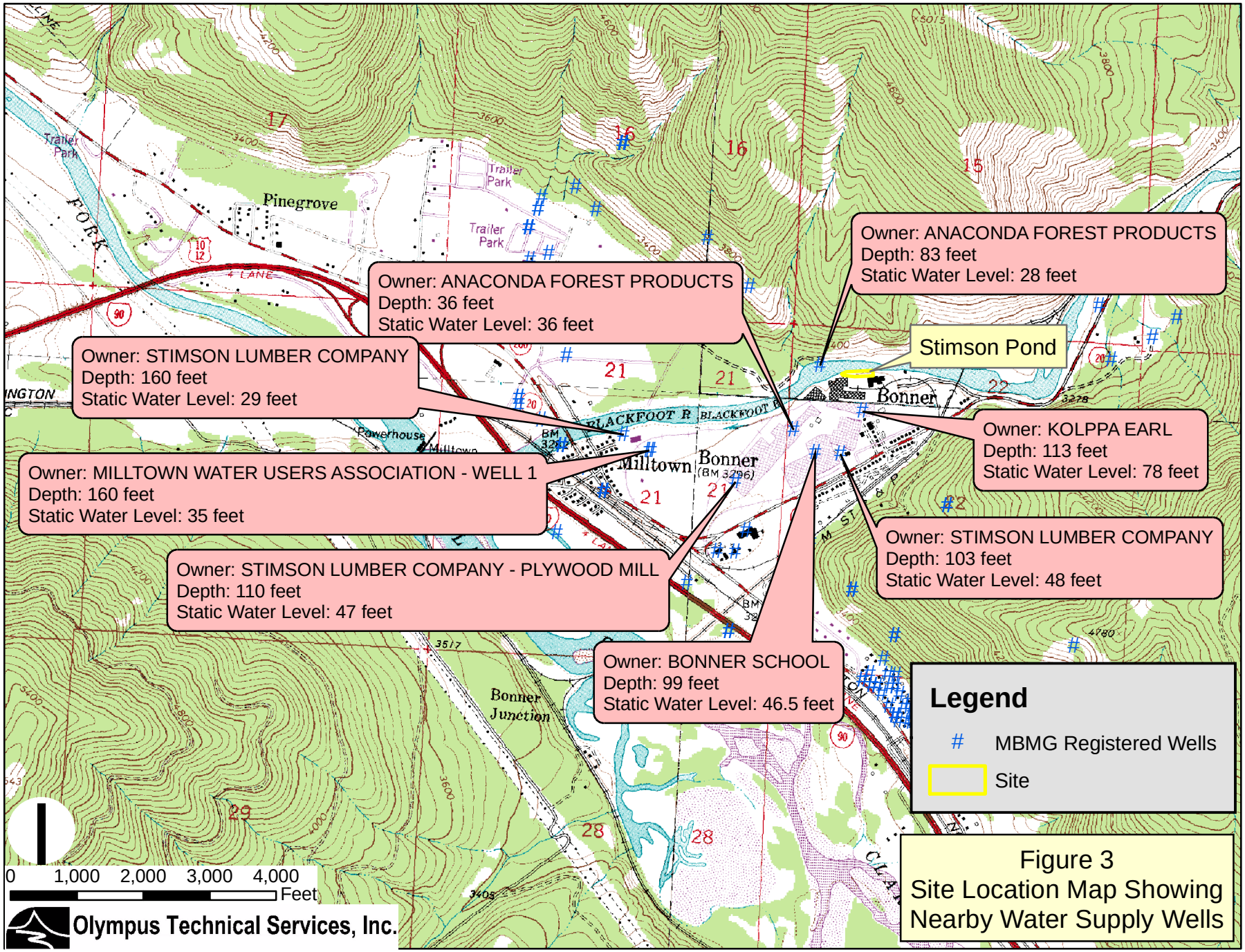
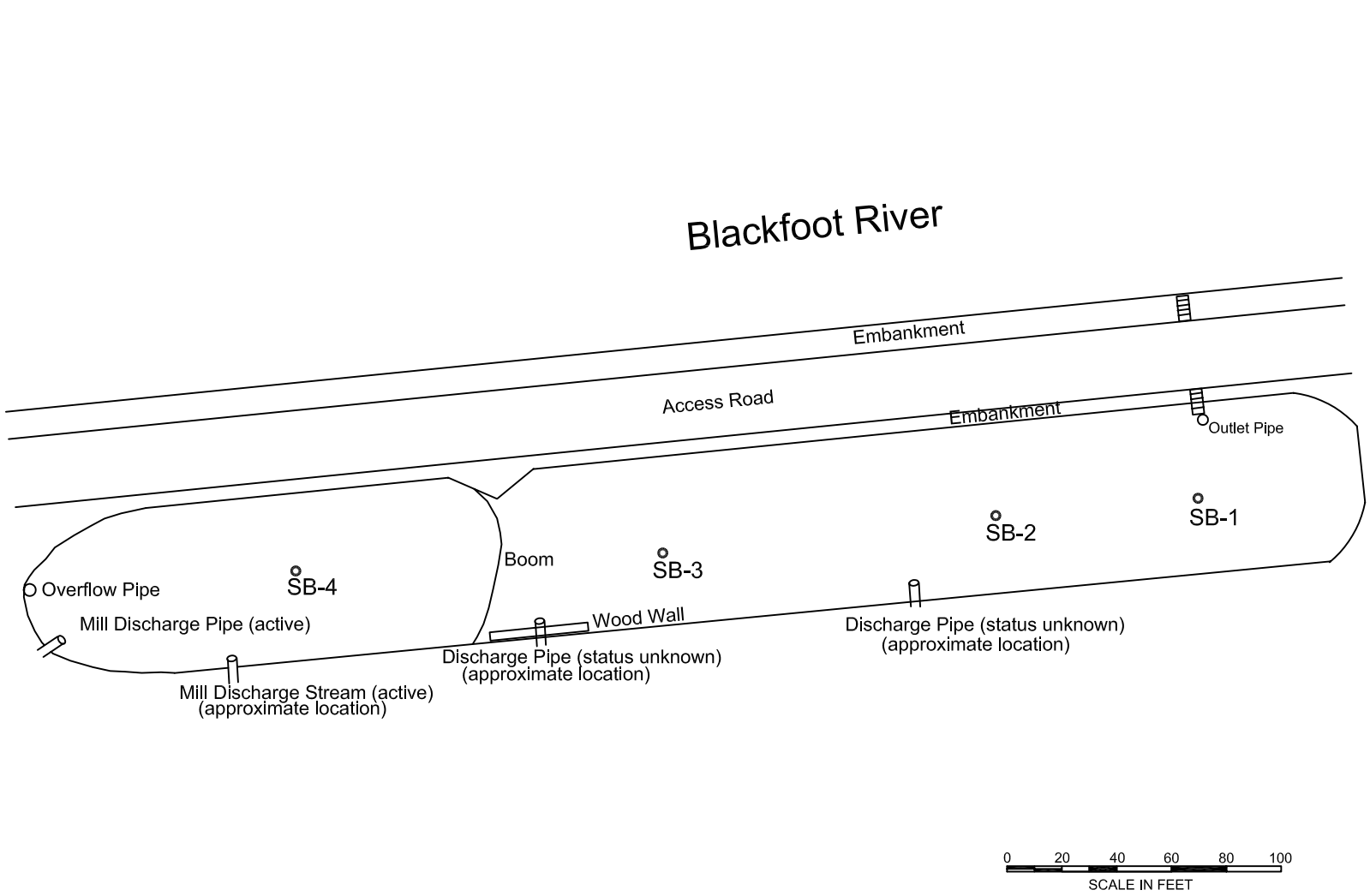


Figure 3
Site Location Map Showing
Nearby Water Supply Wells



Olympus Technical Services, Inc.

Scale:	As Shown
Job No:	A1534
File:	A1534Site.dwg

BORING LOCATION MAP
STIMSON POND

FIGURE
4

TABLES

TABLE 1. ANALYTICAL METHODS

Analysis or Analytical Suite	Analytical Method (1)
pH	ASA Mono. #9, Part 2, Method 29-3.5.2
Eh	Standard Methods 2580B
VPH	Mass. Method
EPH & EPH Screen	Mass. Method
VOCs	SW 8260B
SVOCs	SW 8270C
Organochlorine Pesticides	SW 8081A
PCBs	SW 8082
Chlorinated Herbicides	SW 8151A
Total Metals	SW 6010B/7471B
TCLP Metals	SW 1311/6010B/6020
TCLP Volatiles	SW 1311/SW 8260B
TCLP Pesticides	SW 1311/SW 8081A
TCLP Herbicides	SW 1311/SW 8151A

Table 2. Sample Field Information and Laboratory Analyses Performed

Field Information				Laboratory Analyses																	
Sample Identification	Collection Date	Soil Boring	Sampling/Representative Interval (Feet Below Water Surface)	Extractable Petroleum Hydrocarbons	Extractable Petroleum Hydrocarbons - Screen	Chlorinated Herbicides	Oxidation-Reduction Potential - Eh (Mv)	pH (standard units)	Polychlorinated Biphenols (PCBs)	Organochlorine Pesticides	Semivolatile Organic Compounds (SVOCs)	Total Metals	Volatile Organic Compounds (VOCs)	Volatile Petroleum Hydrocarbons	Moisture (%)	Reactivity	TCLP Herbicides	TCLP Metals	TCLP Pesticides	TCLP Semivolatile Organic Compounds	TCLP Volatile Organic Compounds	Comments
B1-S-1	28-Mar-06	B-1	9-11	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	
B1-S-2	28-Mar-06	B-1	11-15	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	Sample split with Stimson; Stimson sample B1-S-2-D analyzed by Energy Laboratories
B1-S-3	28-Mar-06	B-1	15-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B1-S-4	28-Mar-06	B-1	17-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B1-S-2/3/4	28-Mar-06	B-1	11-19	-	●	●	●	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Laboratory composite of B1-S-2, B1-S-3, B1-S-4
B1-S-1/2/3/4	28-Mar-06	B-1	9-19	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	Laboratory composite of B1-S-1, B1-S-2, B1-S-3, B1-S-4
B2-S-1	29-Mar-06	B-2	7.5-9.5	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	
B2-S-2	29-Mar-06	B-2	9.5-13.5	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	Sample split with Stimson; Stimson sample B2-S-2-D analyzed by Energy Laboratories
B2-S-3	29-Mar-06	B-2	13.5-15.5	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	
B2-S-4	29-Mar-06	B-2	15.5-17.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B2-S-3/4	29-Mar-06	B-2	13.5-17.5	-	●	●	●	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Laboratory composite of B2-S-3, B2-S-4
B2-S-1/2/3/4	29-Mar-06	B-2	7.5-17.5	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	Laboratory composite of B2-S-1, B2-S-2, B2-S-3, B2-S-4
B3-S-1	29-Mar-06	B-3	7.5-11.5	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	Sample split with Stimson; Stimson sample B3-S-1-D analyzed by Energy Laboratories
B3-S-2	29-Mar-06	B-3	11.5-13.5	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	
B3-S-3	29-Mar-06	B-3	13.5-15.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B3-S-4	29-Mar-06	B-3	15.5-17.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B3-S-5	29-Mar-06	B-3	17.5-19.5	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	
B3-S-4/5	29-Mar-06	B-3	15.5-19.5	-	●	●	●	●	●	●	●	●	-	-	●	-	-	-	-	-	-	Laboratory composite of B3-S-4, B3-S-5
B3-S-1/2/3/4/5	29-Mar-06	B-3	7.5-19.5	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	Laboratory composite of B3-S-1, B3-S-2, B3-S-3, B3-S-4, B3-S-5
B4-S-1	30-Mar-06	B4	3.5-7.5	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	Sample split with Stimson; Stimson sample B4-S-1-D analyzed by Energy Laboratories
B4-S-2	30-Mar-06	B4	7.5-9.5	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	
B4-S-3	30-Mar-06	B4	9.5-11.5	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	
B4-S-4	30-Mar-06	B4	11.5-13.5	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	
B4-S-5	30-Mar-06	B4	13.5-15.5	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	
B4-S-6	30-Mar-06	B4	15.5-17.5	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	
B4-S-7	30-Mar-06	B4	17.5-19.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B4-S-8	30-Mar-06	B4	19.5-21.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B4-S-6/7/8	30-Mar-06	B4	15.5-21.5	-	●	●	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-	Laboratory composite of B4-S-6, B4-S-7, B4-S-8
B4-S-1/2/3/4/5/6/7/8	30-Mar-06	B4	3.5-21.5	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	Laboratory composite of B4-S-1, B4-S-2, B4-S-3, B4-S-4, B4-S-5, B4-S-6, B4-S-7, B4-S-8
Rinsate Blank	30-Mar-06	B4	NA	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	-	Preserved and unpreserved samples collected from wash rinsate of piston sampling tube

Notes:
● = Analyzed
- = Not Analyzed
NA = Not Available or Applicable
TCLP = Toxic Characteristic Leaching Procedure

Table 3. pH, Oxidation-Reduction Potential, VPH, and EPH Analytical Results

				VPH - Dry Weight										EPH - Dry Weight			
Sample Identification	pH (standard units)	Oxidation-Reduction Potential - Eh (Mv)	Moisture (%)	Methyl-tert-butyl ether (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Naphthalene (mg/Kg)	C_5 to C_8 Aliphatics (mg/Kg)	C_9 to C_{12} Aliphatics (mg/Kg)	C_9 to C_{10} Aromatics (mg/Kg)	Total Purgeable Hydrocarbons (mg/Kg)	C_9 to C_{18} Aliphatics (mg/Kg)	C_{19} to C_{36} Aliphatics (mg/Kg)	C_{11} to C_{22} Aromatics (mg/Kg) - unadjusted	Total Extractable Hydrocarbons - Screen (mg/Kg)
B1-S-1	7.2	140.2@20.3° C	64	<0.07	<0.03	<0.14	<0.14	<0.42	<0.69	<5	<14	<3	<28	<140	1,300	470	2,700
B1-S-2	-	-	53	<0.05	<0.03	0.49**	<0.11	<0.32	<0.53	<5	<11	<2	<21	-	-	-	-
B1-S-2-D	6.7	-	49.3	<0.2	<0.1	0.8	<0.1	<0.1	0.15J	<4	4.1	<4	7.3	45	1,112	260	2,525
B1-S-2/3/4	6.9	142.7@20.8° C	48	-	-	-	-	-	-	-	-	-	-	-	-	-	2,000
B2-S-1	7.1	66.3@21.5° C	63	<0.07	<0.03	<0.14	<0.14	<0.41	<0.68	<5	<14	<3	<27	<680	3,400	430	7,400
B2-S-2	7.1	106.4@22.4° C	71	<0.08	0.06J*	<0.17	<0.17	<0.50	<0.83	<5	<17	<3	<33	<170	2,100	400	4,400
B2-S-2-D	6.6	-	62.6	<0.27	<0.13	<0.13	<0.13	<0.13	<0.27	<5.3	<5.3	<5.3	<5.3	51J	1,596	534	2,275
B2-S-3	-	-	56	<0.06	<0.03	0.26**	<0.11	<0.34	<0.57	<5	<11	<2	<27	-	-	-	-
B2-S-3/4	6.6	101.6@23.1° C	48	-	-	-	-	-	-	-	-	-	-	-	-	-	570
B3-S-1	7.1	95.7@22.6° C	74	<0.10	<0.03	<0.19	<0.19	<0.58	<1	<5	<19	<4	<38	<190	1,200	190	2,100
B3-S-1-D	7.0	-	72.9	<0.37	<0.18	<0.18	<0.18	<0.18	<0.37	<7.4	<7.4	<7.4	<7.4	100	2,461	664	4,428
B3-S-2	7.0	117.8@23.6° C	76	<0.10	<0.04	<0.21	<0.21	<0.63	<1	<5	<21	<4	<42	<210	2,300	340	3,900
B3-S-5	-	-	77	<0.11	0.15*	<0.22	<0.22	<0.65	<1	<5	<22	<4	<43	-	-	-	-
B3-S-4/5	6.5	138.0@23.6° C	74	-	-	-	-	-	-	-	-	-	-	-	-	-	1,500
B4-S-1	6.9	-112@22° C	58	<0.06	<0.03	<0.12	<0.12	<0.36	<0.60	<5	<12	<2	<24	<120	780	180	1,600
B4-S-1-D	7.4	-	59.9	<0.25	<0.12	<0.12	<0.12	<0.12	<0.25	<5.0	<5.0	<5.0	<5.0	17.5J	1,449	376	3,241
B4-S-2	7.1	-1.5@21.0° C	61	<0.06	<0.03	<0.13	<0.13	<0.36	<0.64	<5	<12	<3	<26	<130	690	140	1,600
B4-S-3	7.2	58.1@21.6° C	61	<0.06	0.04J**	<0.13	<0.13	<0.38	<0.64	<5	<13	<3	<26	<650	2,100	490	5,900
B4-S-4	7.4	67.1@21.1° C	70	<0.08	<0.03	<0.17	<0.17	<0.50	<0.83	<5	<17	<3	<33	<170	1,800	400	4,200
B4-S-5	7.3	97.9@20.4° C	80	<0.13	<0.04	<0.25	<0.25	<0.75	<1	<5	<25	<5	<50	<250	2,000	370	4,200
B4-S-6	-	-	80	<0.13	<0.04	<0.25	<0.25	<0.75	<1	<5	<25	<5	<50	-	-	-	-
B4-S-6/7/8	7.1	52.1@20.3° C	57	-	-	-	-	-	-	-	-	-	-	-	-	-	950
Quality Assurance/Quality Control Sample Analyses																	
Rinstate Blank (mg/L)	6.2	195.6@25.0° C	-	<0.002	<0.001	<0.001	<0.001	<0.003	<0.005	<0.10	<0.10	<0.020	<0.20	-	-	-	<0.19
Project Screening Level																	
	<2 or >12.5	NA	NA	0.1	0.05	10	10	200	9	100	500	8	500	1,000	5,000	100	5,000

Notes:

mg/Kg = Milligrams per Kilogram
mg/L = Milligrams per Liter
- = Not measured or not analyzed
J = Estimated concentration; benzene is present in B2-S-2 at a concentration between the Method Detection Limit and the Laboratory Reporting Limit
* = Detected in the VPH analysis and not confirmed in the 8260B analysis; analyte concentration should be considered a false positive
** = Detected in the VPH analysis and confirmed in the 8260B analysis
Screening Levels = Screening levels for VPH and EPH are Montana Department of Environmental Quality Risk Based Screening Levels based on surface soil residential exposure; pH is a RCRA hazardous waste level
NA = Not available
Dry Weight: Duplicate sample concentrations for VPH and EPH reported by Energy Laboratories "as received" (wet weight); dry weight concentrations in Table 2 calculated by Olympus

Table 4. Volatile Organic Compounds Analytical Results

Sample Identification	Volatile Organic Compounds																																		
	Benzene (mg/Kg)	Bromobenzene (mg/Kg)	Bromochloromethane (mg/Kg)	Bromodichloromethane (mg/Kg)	Bromoform (mg/Kg)	Bromomethane (mg/Kg)	n-Butylbenzene (mg/Kg)	sec-Butylbenzene (mg/Kg)	tert-Butylbenzene (mg/Kg)	Carbon tetrachloride (mg/Kg)	Chlorobenzene (mg/Kg)	Chloroethane (mg/Kg)	Chloroform (mg/Kg)	Chloromethane (methyl chloride) (mg/Kg)	2-Chlorotoluene (mg/Kg)	4-Chlorotoluene (mg/Kg)	Dibromochloromethane (mg/Kg)	1,2-Dibromo-3-chloropropane (mg/Kg)	1,2-Dibromoethane (mg/Kg)	Dibromomethane (mg/Kg)	Dichlorodifluoromethane (mg/Kg)	1,2-Dichlorobenzene (mg/Kg)	1,3-Dichlorobenzene (mg/Kg)	1,4-Dichlorobenzene (mg/Kg)	1,1-Dichloroethane (mg/Kg)	1,2-Dichloroethane (mg/Kg)	1,1-Dichloroethene (mg/Kg)	cis-1,2-Dichloroethene (mg/Kg)	trans-1,2-Dichloroethene (mg/Kg)	1,2-Dichloropropane (mg/Kg)	1,3-Dichloropropane (mg/Kg)	2,2-Dichloropropane (mg/Kg)	1,1-Dichloropropene (mg/Kg)	cis-1,3-Dichloropropene (mg/Kg)	trans-1,3-Dichloropropene (mg/Kg)
B1-S-1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B1-S-2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B1-S-2-D	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320
B2-S-1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B2-S-2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B2-S-2-D	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332
B2-S-3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B3-S-1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B3-S-1-D	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
B3-S-2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B3-S-5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B4-S-1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B4-S-1-D	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
B4-S-2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B4-S-3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B4-S-4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B4-S-5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B4-S-6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Quality Assurance/Quality Control Sample Analyses																																			
Rinstate Blank (mg/L)	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.005	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.0005
Project Screening Level																																			
	0.1*	28	NA	0.82	62	3.9	240	220	390	0.25	150	3	0.22	47	NA	NA	1.1	0.46	0.032	NA	94	600	530	3.4	510	0.28	120	43	69	0.34	100	NA	NA	0.78	0.78

Notes:

mg/Kg = Milligrams per Kilogram
mg/L = Milligrams per Liter (Rinsate Blank)
- = Not measured or not analyzed
NA = Not available
VOC = Volatile Organic Compounds
Screening Levels = Screening levels for VOC are EPA Region 9 Preliminary Remediation Goals for residential soil with the exception of those noted with a *
* = Montana Department of Environmental Quality Risk Based Screening Levels (RBSL)
NA = Not available

Analytical Methods:

VOC = SW 846 Method 5035 (preparation) and SW 846 Method 8260B (analysis)

Table 4. Volatile Organic Compounds Analytical Results (continued)

Sample Identification	Volatile Organic Compounds																																	
	Ethylbenzene (mg/Kg)	Hexachlorobutadiene (mg/Kg)	Isopropylbenzene (Cumene) (mg/Kg)	Isopropyltoluene	Methylene chloride (mg/Kg)	Methyl-t-butyl ether (MTBE) (mg/Kg)	Naphthalene (mg/Kg)	n-propylbenzene (mg/Kg)	Styrene (mg/Kg)	1,1,1,2-Tetrachlorethane (mg/Kg)	1,1,2,2-Tetrachlorethane (mg/Kg)	Tetrachlorethene (mg/Kg)	Toluene (mg/Kg)	1,2,3-Trichlorobenzene (mg/Kg)	1,2,4-Trichlorobenzene (mg/Kg)	1,1,1-Trichloroethane (mg/Kg)	1,1,2-Trichloroethane (mg/Kg)	Trichloroethene (mg/Kg)	Trichlorofluoromethane (mg/Kg)	1,2,3-Trichloropropane (mg/Kg)	1,2,4-Trimethylbenzene (mg/Kg)	1,3,5-Trimethylbenzene (mg/Kg)	Vinyl acetate (mg/Kg)	Vinyl chloride (mg/Kg)	Xylenes (total) (mg/Kg)	Acrylonitrile (mg/Kg)	Carbon disulfide (mg/Kg)	Iodomethane (mg/Kg)	tert-1,4-Dichloro-2-butene (mg/Kg)	Ethylmethacrylate (mg/Kg)	Acetone (mg/Kg)	Methyl ethyl Ketone (2-Butanone) (mg/Kg)	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) (mg/Kg)	2-Hexanone (mg/Kg)
B1-S-1	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B1-S-2	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.29	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B2-S-2-D	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.320	<0.640	<6.4	<0.320	<0.320	NA	NA	<6.4	<6.4	<6.4	<6.4
B2-S-1	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B2-S-2	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B2-S-2-D	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<0.332	<.664	<6.64	<0.332	<0.332	NA	NA	<6.64	<6.64	<6.64	<6.64
B2-S-3	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B3-S-1	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B3-S-1-D	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<4.00	<40.0	<2.00	<2.00	NA	NA	<40.0	<40.0	<40.0	<40.0
B3-S-2	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.70	<0.25	<0.25	<0.25
B3-S-5	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B4-S-1	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B4-S-1-D	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<4.00	<40.0	<2.00	<2.00	NA	NA	<40.0	<40.0	<40.0	<40.0
B4-S-2	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B4-S-3	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B4-S-4	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B4-S-5	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
B4-S-6	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.05	<0.15	<0.5	<0.05	<0.25	<0.5	<0.05	<0.5	<0.25	<0.25	<0.25
Quality Assurance/Quality Control Sample Analyses																																		
Rinsate Blank (mg/L)	<0.0005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.010	<0.0005	<0.002	<0.020	<0.005	<0.005	<0.010	<0.005	<0.020	<0.020	<0.020	<0.020
Project Screening Level																																		
	10*	6.2	570	NA	9.1	0.1*	9*	240	1,700	3.2	0.41	0.48	10*	NA	62	1,200	0.73	0.053	390	71	52	21	430	0.079	200	0.21	360	NA	0.0079	140	1.4E+04	2.2E+04	5,300	NA

Notes:

mg/Kg = Milligrams per Kilogram
mg/L = Milligrams per Liter (Rinsate Blank)
- = Not measured or not analyzed
NA = Not available
VOC = Volatile Organic Compounds
Screening Levels = Screening levels for VOC are EPA Region 9 Preliminary Remediation Goals for residential soil with the exception of those noted with a *
* = Montana Department of Environmental Quality Risk Based Screening Levels (RBSL)
NA = Not available

Table 5. Semi-Volatile Organic Compounds Analytical Results

	Semivolatile Organic Compounds																																
Sample Identification	**Acenaphthene (mg/Kg)**	**Acenaphthylene (mg/Kg)**	**Anthracene (mg/Kg)**	**Benzo(a)anthracene (mg/Kg)**	**Benzo(a)Pyrene (mg/Kg)**	**Benzo(b)fluoranthene (mg/Kg)**	**Benzo(k)fluoranthene (mg/Kg)**	**Benzo(g,h,i)perylene (mg/Kg)**	**Benzoic acid (mg/Kg)**	**Benzyl alcohol (mg/Kg)**	**Bis(2-chloroethoxy) methane (mg/Kg)**	**Bis(2-chloroethyl)ether (mg/Kg)**	**Bis(2-chloroisopropyl)ether (mg/Kg)**	**Bis(2-ethylhexyl)phthalate (mg/Kg)**	**4-Bromophenylphenylether (mg/Kg)**	**Butyl benzyl phthalate (mg/Kg)**	**Carbazole (mg/Kg)**	**4-Chloroaniline (mg/Kg)**	**4-Chloro-3-methylphenol (mg/Kg)**	**2-Chloronaphthalene (mg/Kg)**	**2-Chlorophenol (mg/Kg)**	**4-Chlorophenyl-phenylether (mg/Kg)**	**Chrysene (mg/Kg)**	**Dibenzofuran (mg/Kg)**	**Dibenzo(a,h)anthracene (mg/Kg)**	**1,2-Dichlorobenzene (mg/Kg)**	**1,3-Dichlorobenzene (mg/Kg)**	**1,4-Dichlorobenzene (mg/Kg)**	**3,3'-Dichlorobenzidene (mg/Kg)**	**2,4-Dichlorophenol (mg/Kg)**	**Diethylphthalate (mg/Kg)**	**2,4-Dimethylphenol (mg/Kg)**	**Dimethylphthalate (mg/Kg)**
B1-S-1	<0.1	<0.1	<0.4	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.4	<0.6	<0.6	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<0.1	<0.1
B1-S-2-D	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA	NA	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA	NA	<0.33	<0.33	<0.33	<0.33	<0.33	NA	<0.33	<0.33	<0.33	<0.33	<0.67	<0.33	<0.33	<0.33	<0.33
B1-S-2/3/4	<0.1	<0.1	<0.4	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.4	<0.6	<0.6	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<0.1	<0.1
B2-S-1	<0.1	<0.1	<0.4	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.4	<0.6	<0.6	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.4	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<0.1	<0.1
B2-S-2	<0.1	<0.1	<0.4	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.4	<0.6	<0.6	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<0.1	<0.1
B2-S-2-D	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA	NA	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA	NA	<0.33	<0.33	<0.33	<0.33	<0.33	NA	<0.33	<0.33	<0.33	<0.33	<0.67	<0.33	<0.33	<0.33	<0.33
B2-S-3/4	<0.1	<0.1	<0.4	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.4	<0.6	<0.6	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<0.1	<0.1
B3-S-1	<0.1	<0.1	<0.1	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<0.1	<0.1
B3-S-1-D	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA	NA	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA	NA	<0.33	<0.33	<0.33	<0.33	<0.33	NA	<0.33	<0.33	<0.33	<0.33	<0.67	<0.33	<0.33	<0.33	<0.33
B3-S-2	<0.1	<0.1	<0.4	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.4	<0.6	<0.6	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<0.1	<0.1
B3-S-4/5	<0.1	<0.1	<0.4	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.4	<0.6	<0.6	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<0.1	<0.1
B4-S-1	0.17J	1.2	0.21	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	0.52	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<0.1	<0.1
B4-S-1-D	<0.33	0.17J	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA	NA	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA	NA	<0.33	<0.33	<0.33	<0.33	<0.33	NA	<0.33	<0.33	<0.33	<0.33	<0.67	<0.33	<0.33	<0.33	<0.33
B4-S-2	<0.1	0.25	<0.4	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.4	<0.6	<0.6	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	0.1J	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	0.14J	<0.1
B4-S-3	<0.1	0.29	<0.4	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.4	<0.6	<0.6	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	0.1J	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	0.41	<0.1
B4-S-4	<0.4	<0.4	<0.4	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	5.6	<0.4	<0.6	<0.6	<0.5	<0.1	<0.4	<0.1	<0.6	<0.4	<0.4	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<1	<0.4	<0.4
B4-S-5	<0.1	<0.1	<0.4	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.4	<0.6	<0.6	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<0.1	<0.1
B4-S-6/7/8	<0.1	<0.1	<0.1	<0.6	<0.4	<0.2	<0.6	<0.6	<0.2	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.4	<0.1	<0.6	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<0.1	<0.1
Quality Assurance/Quality Control Sample Analyses																																	
Rinsate Blank (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.07	<0.01	<0.01	<0.01	<0.01
Project Screening Level																																	
	200*	NA	4,000*	10*	3*	50*	500*	NA	1.0E+05	1.8E+04	NA	0.22	2.9	35	NA	1.2E+04	24	240	NA	4,900	63	NA	1,000*	150	6*	600	530	3.4	1.1	180	49000	1,200	100000

Notes:

mg/Kg = Milligrams per Kilogram
mg/L = Milligrams per Liter (Rinsate Blank)
- = Not measured or not analyzed
J = Estimated concentration; analyte present in the sample at concentrations between the Method Detection Limit and the laboratory reporting limit
U = Undetected
UJ = Concentrations were not detected above the laboratory reporting limit; however, the reporting limit is imprecise or inaccurate
SVOC = Semivolatile Organic Compounds
Screening Levels = Screening levels for SVOC are EPA Region 9 Preliminary Remediation Goals for residential soil with the exception of those noted with a *
* = Montana Department of Environmental Quality Risk Based Screening Levels (RBSL)
NA = Not available

Table 5. Semi-Volatile Organic Compounds Analytical Results (continued)

Sample Identification	4,6-Dinitro-2-methylphenol (mg/Kg)	2,4-Dinitrophenol (mg/Kg)	Di-n-butyl phthalate (mg/Kg)	2,4-Dinitirotoluene (mg/Kg)	2,6-Dinitrotoluene (mg/Kg)	Di-n-octyl phthalate (mg/Kg)	Diphenylamine (mg/Kg)	1,2-Diphenylhydrazine as Azobenzene (mg/Kg)	Fluorene (mg/Kg)	Fluoranthene (mg/Kg)	Hexachlorobenzene (mg/Kg)	Hexachlorobutadiene (mg/Kg)	Hexachlorocyclopentadiene (mg/Kg)	Hexachloroethane (mg/Kg)	Indeno(1,2,3-cd)pyrene (mg/Kg)	Isophorone (mg/Kg)	2-Methylnaphthalene (mg/Kg)	2-Methylphenol o-cresol (mg/Kg)	3-Methylphenol and 4-Methylphenol (mg/Kg)	Naphthalene (mg/Kg)	2-Nitroaniline (mg/Kg)	3-Nitroaniline (mg/Kg)	4-Nitroaniline (mg/Kg)	Nitrobenzene (mg/Kg)	2-Nitrophenol (mg/Kg)	4-Nitrophenol (mg/Kg)	N-Nitrosodimethylamine (mg/Kg)	N-Nitrosodiphenylamine (mg/Kg)	N-Nitrosodi-n-propylamine (mg/Kg)	Pentachlorophenol (mg/Kg)	Phenanthrene (mg/Kg)	Phenol (mg/Kg)	Pyrene (mg/Kg)	Pyridine (mg/Kg)	1,2,4-Trichlorobenzene (mg/Kg)	2,4,5-Trichlorophenol (mg/Kg)	2,4,6-Trichlorophenol (mg/Kg)
	Semivolatile Organic Compounds																																					
B1-S-1	<0.8	<1	<0.6	<0.1	<0.1	<0.8	<0.4	<0.1	<0.1	<0.4	<0.4	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	0.29	0.18J	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.4	<0.1	<0.4	<1	<0.1	<0.1	<0.1
B1-S-2-D	<1.7	<1.7	<0.33	<0.33	<0.33	<0.33	NA	<0.33	<0.33	<0.33	<0.33	<0.33	<0.67	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	0.55J	NA	NA	NA	<0.33	<0.33	<1.7	<0.33	<0.33	<0.33	<1.7	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
B1-S-2/3/4	<0.8	<1	<0.6	<0.1	<0.1	<0.8	<0.4	<0.1	<0.1	<0.4	<0.4	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.4	<0.1	<0.4	<1	<0.1	<0.1	<0.1
B2-S-1	<0.8	<1	<0.6	<0.1	<0.1	<0.8	<0.4	<0.1	<0.1	<0.4	<0.4	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.4	<0.1	<0.4	<1	<0.1	<0.1	<0.1
B2-S-2	<0.8	<1	<0.6	<0.1	<0.1	<0.8	<0.4	<0.1	<0.1	<0.4	<0.4	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.4	<0.1	<0.4	<1	<0.1	<0.1	<0.1
B2-S-2-D	<1.7	<1.7	<0.33	<0.33	<0.33	<0.33	NA	<0.33	<0.33	<0.33	<0.33	<0.33	<0.67	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	0.56J	NA	NA	NA	<0.33	<0.33	<1.7	<0.33	<0.33	<0.33	<1.7	0.068J	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
B2-S-3/4	<0.8	<1	<0.6	<0.1	<0.1	<0.8	<0.4	<0.1	<0.1	<0.4	<0.4	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	0.19J	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.4	<0.1	<0.4	<1	<0.1	<0.1	<0.1
B3-S-1	<0.2	<1	<0.1	<0.1	<0.1	<0.8	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.1	<0.1	<0.1UJ	<1	<0.1	<0.1	<0.1
B3-S-1-D	<1.7	<1.7	<0.33	<0.33	<0.33	<0.33	NA	<0.33	<0.33	<0.33	<0.33	<0.33	<0.67	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	0.15J	NA	NA	NA	<0.33	<0.33	<1.7	<0.33	<0.33	<0.33	<1.7	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
B3-S-2	<0.8	<1	<0.6	<0.1	<0.1	<0.8	<0.4	<0.1	<0.1	<0.4	<0.4	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.4	<0.1	<0.4	<1	<0.1	<0.1	<0.1
B3-S-4/5	<0.8	<1	<0.6	<0.1	<0.1	<0.8	<0.4	<0.1	<0.1	<0.4	<0.4	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.4	<0.1	<0.4	<1	<0.1	<0.1	<0.1
B4-S-1	<0.2	<1	<0.1	<0.1	<0.1	<0.8	<0.1	<0.1	<0.1	0.76	<0.2	<0.1	<0.2	<0.1	<0.6	<0.1	0.10J	<0.1	0.22	3.3	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.2	2.1	<0.1	0.59	<1	<0.1	<0.1	<0.1
B4-S-1-D	<1.7	<1.7	<0.33	<0.33	<0.33	<0.33	NA	<0.33	<0.33	0.08J	<0.33	<0.33	<0.67	<0.33	<0.33	<0.33	<0.33	0.095J	0.39	1.3	NA	NA	NA	<0.33	<0.33	<1.7	<0.33	<0.33	<0.33	<1.7	0.19J	<0.33	0.082J	<0.33	<0.33	<0.33	<0.33
B4-S-2	<0.8	<1	<0.6	<0.1	<0.1	<0.8	<0.4	<0.1	<0.1	0.41J	<0.4	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	0.20	1.1	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	.54J	<0.1	<0.4	<1	<0.1	<0.1	<0.1
B4-S-3	<0.8	<1	<0.6	<0.1	<0.1	<0.8	<0.4	<0.1	<0.1	0.42J	<0.4	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	0.16J	1.1	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	0.60J	<0.1	0.46J	<1	<0.1	<0.1	<0.1
B4-S-4	<0.8	<10UJ	<0.6	<0.6	<0.6	<0.8	<0.4	<0.1	<0.6	<0.4	<0.4	<0.1	<0.6	<0.1	<0.6	<0.1	<0.1	<0.1	<0.1	0.32	<0.4	<0.4	<0.6	<0.1	<0.1	<0.4	<0.1	<2	<0.1	<0.6	<0.4	<0.1	<0.4	<1	<0.1	<0.4	<0.4
B4-S-5	<0.8	<1	<0.6	<0.1	<0.1	<0.8	<0.4	<0.1	<0.1	<0.4	<0.4	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.6	<0.4	<0.1	<0.4	<1	<0.1	<0.1	<0.1
B4-S-6/7/8	<0.2	<1	<0.1	<0.1	<0.1	<0.8	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	<0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.3	<0.3	<0.1	<0.1	<0.2	<0.1	<2	<0.1	<0.2	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
Quality Assurance/Quality Control Sample Analyses																																						
Rinsate Blank (mg/L)	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.02	<0.05	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01
Project Screening Level																																						
	6.1	120	6,100	120	61	2,400	1,500	0.61	200*	1,000*	0.3	6.3	370	35	10	510	NA	3,100	310	9*	180	18	23	20	NA	NA	0.0095	99	0.069	3	NA	1.8E+04	5,000*	61	62	6,100	6.1

Notes:

mg/Kg = Milligrams per Kilogram
mg/L = Milligrams per Liter (Rinsate Blank)
- = Not measured or not analyzed
J = Estimated concentration; analyte present in the sample at concentrations between the Method Detection Limit and the laboratory reporting limit
U = Undetected
UJ = Concentrations were not detected above the laboratory reporting limit; however, the reporting limit is imprecise or inaccurate
SVOC = Semivolatile Organic Compounds
Screening Levels = Screening levels for SVOC are EPA Region 9 Preliminary Remediation Goals for residential soil with the exception of those noted with a *
* = Montana Department of Environmental Quality Risk Based Screening Levels (RBSL)
NA = Not available

Table 6. Chlorinated Pesticides and Chlorinated Herbicides Analytical Results

	Pesticides																				Herbicides											
Sample Identification	Aldrin (mg/Kg)	alpha-BHC (mg/Kg)	beta-BHC (mg/Kg)	delta-BHC (mg/Kg)	Lindane (gamma-BHC) (mg/Kg)	alpha-Chlordane (mg/Kg)	gamma-Chlordane (mg/Kg)	4,4'-DDD (mg/Kg)	4,4'-DDE (mg/Kg)	4,4'-DDT (mg/Kg)	Dieldrin (mg/Kg)	Endosulfan I (mg/Kg)	Endosulfan II (mg/Kg)	Endosulfan sulfate (mg/Kg)	Endrin (mg/Kg)	Endrin Aldehyde (mg/Kg)	Heptachlor (mg/Kg)	Heptachlor epoxide (mg/Kg)	Methoxychlor (mg/Kg)	Toxaphene (mg/Kg)	2,4-D (mg/Kg)	2,4-DB (mg/Kg)	Dalapon (mg/Kg)	Dicamba	Dichlorprop (mg/Kg)	Dinoseb (mg/Kg)	MCPA (mg/Kg)	MCPP (mg/Kg)	Pentachlorophenol (mg/Kg)	Picloram (mg/Kg)	2,4,5-T (mg/Kg)	2,4,5-TP (mg/Kg)
B1-S-1	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.14	<0.14	<0.14	<0.14	<0.14	<0.06	<0.14	<0.14	<0.14	<0.06	<0.06	<0.66	<1.3	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B1-S-2-D	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.38	<0.17	<0.17	<1.2	<0.69	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<17	<0.02	<0.05	<0.05	<0.005	<0.02	<0.02	<4.0	<4.0	<0.002	<0.01	<0.004	<0.004
B1-S-2/3/4	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.14	<0.14	<0.14	<0.14	<0.06	<0.14	<0.14	<0.14	<0.14	<0.06	<0.06	<0.65	<1.3	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B2-S-1	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.14	<0.14	<0.14	<0.14	<0.06	<0.14	<0.14	<0.14	<0.14	<0.06	<0.06	<0.64	<1.3	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B2-S-2	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.07	<0.07	<0.07	<0.07	0.38J+	<0.07	<0.07	<0.07	<0.07	0.041J	<0.03	<0.33	<0.66	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B2-S-2-D	<0.17	<0.17	<0.17	<0.17	<0.17	<0.092	<0.64	<0.17	<0.63	<0.84	<2.2	<0.17	<0.17	<0.17	<0.17	<0.32	<0.17	<0.17	<1.3	<17	<0.02	<0.05	<0.05	<0.005	<0.02	<0.02	<4.0	<4.0	<0.002	<0.01	<0.004	<0.004
B2-S-3/4	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.035	<0.035	<0.035	<0.035	<0.015	<0.035	<0.035	0.33J+	<0.035	<0.015	<0.015	<0.16	<0.33	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B3-S-1	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.07	<0.07	<0.07	<0.07UJ	0.06+	<0.07	<0.07	<0.07	<0.07	<0.03	<0.03	<0.33	<0.66	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B3-S-1-D	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<17	<0.02	<0.05	<0.05	<0.005	<0.02	<0.02	<4.0	<4.0	0.0028	<0.01	<0.004	<0.004
B3-S-2	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.034	<0.034	<0.034	<0.034	<0.015	<0.034	<0.034	<0.034	<0.034	<0.015	<0.015	<0.16	<0.32	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B3-S-4/5	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	0.036J+	<0.034	<0.034	<0.034	<0.015	<0.034	<0.034	0.18J+	<0.034	<0.015	<0.015	<0.16	<0.32	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B4-S-1	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.07	<0.07	<0.07	<0.07	<0.03	<0.07	<0.07	<0.07	<0.07	<0.03	<0.03	<0.33	<0.66	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B4-S-1-D	<0.0017	<0.0017	<0.0017	<0.0017	<0.002	<0.0017	<0.002	<0.0017	<0.0017	<0.0033	<0.010	<0.0017	<0.0017	<0.0022	<0.0017	<0.0017	<0.0017	<0.0017	<0.0054	<0.17	<0.02	<0.05	<0.05	<0.005	<0.02	<0.02	<4.0	<4.0	0.0019J	<0.01	<0.004	<0.004
B4-S-2	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.07	<0.07	<0.07	<0.07	<0.03	<0.07	<0.07	<0.07	<0.07	<0.03	<0.03	<0.32	<0.65	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B4-S-3	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.07	<0.07	<0.07	<0.07	<0.03	<0.07	<0.07	<0.07	<0.07	<0.03	<0.03	<0.33	<0.66	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B4-S-4	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.14	<0.14	<0.14	<0.14	<0.06	<0.14	<0.14	<0.14	<0.14	<0.06	<0.06	<0.66	<1.4	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B4-S-5	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.07	<0.07	<0.07	<0.07	0.032+	<0.07	<0.07	<0.07	<0.07	<0.03	<0.03	<0.33	<0.66	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
B4-S-6/7/8	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.034	<0.034	<0.034	<0.034	<0.015	<0.034	<0.034	<0.034	<0.034	<0.015	<0.015	<0.16	<0.32	<0.05	<0.10	<0.10	<0.02	<0.15	<0.1R	<20	<20	<0.01	<0.02	<0.01	<0.02
Quality Assurance/Quality Control Sample Analyses																																
Rinsate Blank (mg/L)	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.005	<0.003UJ	<0.002	<0.003UJ	<0.001	<0.5	<0.5	<0.00005	<0.001	<0.005	<0.0001UJ
Project Screening Level																																
	0.029	NA	NA	NA	NA	1.6	1.6	2.4	1.7	1.7	0.03	370	370	NA	18	NA	0.11	0.053	310	0.44	690	490	1,800	1,800	NA	61	31	61	3	4,300	610	490

Notes:

mg/Kg = Milligrams per Kilogram
mg/L = Milligrams per Liter (Rinsate Blank)
- = Not measured or not analyzed
R = Analytical results are not reliable for Dinoseb
J = Estimated value: concentrations of analyte obtained from columns on primary and confirmation chromatograms differ by more than 40%
+ = Positive identification of the compound is not possible due to similar columns in the standard chromatogram for an Aroclor 1254 pattern.
J+ = As for + above, with concentrations of analyte obtained from columns on primary and confirmation chromatograms differ by more than 40%
UJ = The dieldrin concentration of sample B3-S-1 has been footnoted with a UJ, indicating concentrations of were not detected above the reporting limit, but the reporting limit is imprecise or inaccurate.
R = The recovery of dinoseb in the laboratory control sample did not meet the requirements of the quality insurance plan, and concentrations of dinoseb are not reported, but instead the qualifier R (rejected) is used, indicating the results are not reliable.
Screening Levels = Screening levels for Pesticides and Herbicides are EPA Region 9 Preliminary Remediation Goals for residential soil
NA = Not available

Table 7. PCBs and Total Metals Analytical Results

	PCBs - Dry Weight							Total Metals - Dry Weight																								
Sample Identification	**Aroclor-1016 (mg/Kg)**	**Aroclor-1221 (mg/Kg)**	**Aroclor-1232 (mg/Kg)**	**Aroclor-1242 (mg/Kg)**	**Aroclor-1248 (mg/Kg)**	**Aroclor-1254 (mg/Kg)**	**Aroclor-1260 (mg/Kg)**	**Calcium (mg/Kg)**	**Magnesium (mg/Kg)**	**Potassium (mg/Kg)**	**Sodium (mg/Kg)**	**Aluminum (mg/Kg)**	**Antimony (mg/Kg)**	**Arsenic (mg/Kg)**	**Barium (mg/Kg)**	**Beryllium (mg/Kg)**	**Cadmium (mg/Kg)**	**Chromium (mg/Kg)**	**Copper (mg/Kg)**	**Cobalt (mg/Kg)**	**Iron (mg/Kg)**	**Lead (mg/Kg)**	**Manganese (mg/Kg)**	**Mercury (mg/Kg)**	**Molybdenum (mg/Kg)**	**Nickel (mg/Kg)**	**Selenium (mg/Kg)**	**Silver (mg/Kg)**	**Thallium (mg/Kg)**	**Vanadium (mg/Kg)**	**Zinc (mg/Kg)**
B1-S-1	<4.4	<4.4	<4.4	<4.4	<4.4	24	<4.4	19,600	3,490	920	1,760	4,270	<10	<10	317	<2	<2	<10	69	<10	7,590	20	300	<0.2	<10	<10	<10	<10	<5	<10	138
B1-S-2-D	<3.3	<3.3	<3.3	<3.3	<3.3	22	<3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B1-S-2/3/4	<3.1	<3.1	<3.1	<3.1	<3.1	21	<3.1	6,450	4,410	1,300	660	7,580	<10	<10	236	<2	<2	<10	24	<10	10,300	13	134	<0.2	<10	<10	<10	<10	<5	15	58
B2-S-1	<4.3	<4.3	<4.3	<4.3	<4.3	8.9	<4.3	46,900	7,140	990	1,620	5,990	<10	<10	526	<2	<2	10	183	<10	9,750	21	549	<0.2	<10	<10	<10	<10	<5	<10	144
B2-S-2	<11	<11	<11	<11	<11	65	<11	6,860	4,110	1,400	1,430	8,570	<10	<10	197	<2	2	10	44	<10	7,710	16	168	<0.2	<10	<10	<10	<10	<5	15	116
B2-S-2-D	<3.3	<3.3	<3.3	<3.3	<3.3	47	<3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B2-S-3/4	<6.3	<6.3	<6.3	<6.3	<6.3	36	<6.3	5,450	4,590	1,300	1,130	8,060	<10	<10	416	<2	<2	<10	68	<10	10,200	14	90	<0.2	<10	32	<10	<10	<5	15	54
B3-S-1	<2.5	<2.5	<2.5	<2.5	<2.5	9.6	<2.5	49,300	4,740	950	2,510	5,560	<10	26	620	<2	<2	<10	82	<10	6,700	18	918	<0.2	<10	<10	<10	<10	<5	14	240
B3-S-1-D	<3.3	<3.3	<3.3	<3.3	<3.3	4.1	<3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B3-S-2	<2.7	<2.7	<2.7	<2.7	<2.7	10	<2.7	9,060	2,520	710	2,300	4,160	<10	<10	188	<2	<2	<10	54	<10	5,350	15	295	<0.2	<10	<10	<10	<10	<5	<10	122
B3-S-4/5	<5	<5	<5	<5	<5	33	<5	6,060	2,430	700	1,710	3,940	<10	<10	145	<2	<2	<10	20	<10	4,530	<10	99	<0.2	<10	<10	<10	<10	<5	<10	54
B4-S-1	<0.16	<0.16	<0.16	<0.16	<0.16	0.55	<0.16	141,000	8,480	2,620	2,140	8,090	<10	35	1,890	<2	4	12	118	<10	9,680	30	3,010	<0.2	<10	<10	<10	<10	<5	10	626
B4-S-1-D	<0.03	<0.03	<0.03	<0.03	<0.03	0.22	<0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B4-S-2	<4.1	<4.1	<4.1	<4.1	<4.1	2.8J	<4.1	157,000	11,600	3,040	2,330	9,040	<10	19	1,650	<2	4	12	139	<10	9,470	29	2,740	<0.2	<10	<10	<10	<10	<5	11	471
B4-S-3	<0.85	<0.85	<0.85	<0.85	<0.85	5.4	<0.85	116,000	14,400	2,290	1,680	8,190	<10	12	1,100	<2	<2	12	196	<10	11,700	26	1,150	<0.2	<10	12	<10	<10	<5	11	294
B4-S-4	<2.2	<2.2	<2.2	<2.2	<2.2	15	<2.2	63,700	7,000	840	1,390	4,000	<10	<10	565	<2	<2	<10	176	<10	5,850	19	408	<0.2	<10	<10	<10	<10	<5	<10	191
B4-S-5	<1.7	<1.7	<1.7	<1.7	<1.7	4.8	<1.7	35,900	4,110	860	1,630	3,760	<10	<10	330	<2	<2	<10	51	<10	4,560	12	400	<0.5	<10	<10	<10	<10	<5	<10	127
B4-S-6/7/8	<0.74	<0.74	<0.74	<0.74	<0.74	4.0	<0.74	5,550	4,260	920	380	5,010	<10	<10	100	<2	<2	<10	17	<10	8,120	<10	86	<0.2	<10	<10	<10	<10	<5	17	42
Quality Assurance/Quality Control Sample Analyses																																
Rinsate Blank (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<1	<1	<1	<1	<0.05	<0.003	<0.003	<0.005	<0.001	<0.0001	<0.001	0.002	<0.002	1.35	<0.003	0.016	<0.0002	<0.01	<0.02	<0.001	<0.003	<0.001	<0.05	<0.01
Project Screening Level																																
	0.11	0.11	0.11	0.11	0.11	0.11	0.11	NA	NA	NA	NA	76,000	31	40*	5,400	150	37	210	3,100	900	23,000	400	1,800	23	390	1,600	390	390	5.2	78	23,000

Notes:

mg/Kg = Milligrams per Kilogram
mg/L = Milligrams per Liter (Rinsate Blank)
- = Not measured or not analyzed
PCBs = Polychlorinated Biphenyls
Screening Levels = Screening levels for Total Metals and PCBs are EPA Region 9 Preliminary Remediation Goals for residential soil with the exception of arsenic
* = DEQ Action Level for arsenic
NA = Not available
Dry Weight: Duplicate sample concentrations for PCBs reported by Energy Laboratories "as received" (wet weight); dry weight concentrations in Table 6 calculated by Olympus

Table 8. RCRA Characteristics Analytical Results

	Metals								Volatile Organic Compounds											Semivolatile Organic Compounds											Pesticides							Herbicides			
Sample Identification	**Arsenic (mg/L)**	**Barium (mg/L)**	**Cadmium (mg/L)**	**Chromium (mg/L)**	**Lead (mg/L)**	**Mercury (mg/L)**	**Selenium (mg/L)**	**Silver (mg/L)**	**Benzene (mg/L)**	**Carbon Tetrachloride (mg/L)**	**Chlorobenzene (mg/L)**	**Chloroform (mg/L)**	**1,4-Dichlorobenzene (mg/L)**	**1,2-Dichloroethane (mg/L)**	**1,1-Dichloroethene (mg/L)**	**Methyl ethyl ketone (mg/L)**	**Tetrachloroethylene (mg/L)**	**Trichloroethylene (mg/L)**	**Vinyl Chloride (mg/L)**	**Total Cresols (mg/L)**	**1,4-Dichlorobenzene (mg/L)**	**2,4-Dinitrotoluene (mg/L)**	**Hexachlorobutadiene (mg/L)**	**Hexachlorobenzene (mg/L)**	**Hexachloroethane (mg/L)**	**Nitrobenzene (mg/L)**	**Pyridine (mg/L)**	**Pentachlorophenol (mg/L)**	**2,4,5-Trichlorophenol (mg/L)**	**2,4,6-Trichlorophenol (mg/L)**	**Chlordane (mg/L)**	**Lindane (G-BHC) (mg/L)**	**Endrin (mg/L)**	**Heptachlor (mg/L)**	**Heptachlor epoxide (mg/L)**	**Methoxychlor (mg/L)**	**Toxaphene (mg/L)**	**2,4-D (mg/L)**	**2,4,5-TP (mg/L)**	**Reactivity - Cyanide as HCN (mg/L)**	**Reactivity - Sulfide as H_2S (mg/L)**
B1-S-1/2/3/4	<0.5	2.1	<0.1	<0.1	<0.5	<0.001	<0.5	<0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.1	<0.005	<0.005	<0.005	<0.08	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.2	<0.2	<0.04	<0.04	<0.01UJ	<0.05	<0.005	<0.002	<0.002	<0.5	<0.1	<0.1	<0.01	<0.1	<100
B2-S-1/2/3/4	<0.5	2.1	<0.1	<0.1	<0.5	<0.001	<0.5	<0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.1	<0.005	<0.005	<0.005	<0.08	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.2	<0.2	<0.04	<0.04	<0.01UJ	<0.05	<0.005	<0.002	<0.002	<0.5	<0.1	<0.1	<0.01	<0.1	<100
B3-S-1/2/3/4/5	<0.5	2.0	<0.1	<0.1	<0.5	<0.001	<0.5	<0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.1	<0.005	<0.005	<0.005	<0.08	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.2	<0.2	<0.04	<0.04	<0.01UJ	<0.05	<0.005	<0.002	<0.002	<0.5	<0.1	<0.1	<0.01	<0.1	<100
B4-S-1/2/3/4/5/6/7/8	<0.5	4.5	<0.1	<0.1	<0.5	<0.001	<0.5	<0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.1	<0.005	<0.005	<0.005	<0.08	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.2	<0.2	<0.04	<0.04	<0.01UJ	<0.05	<0.005	<0.002	<0.002	<0.5	<0.1	<0.1	<0.01	<0.1	<100
Project Screening Level																																									
	5.0	100	1.0	5.0	5.0	0.2	1.0	5.0	0.5	0.5	100	6	7.5	0.5	0.7	0.7	0.7	0.5	0.2	200	7.5	0.13	0.5	0.13	3.0	100	5.0	100	400	2	0.03	0.4	0.02	0.008	0.008	10	0.5	10	1	250	500

Notes:

mg/L = Milligrams per Liter

- = Not measured or not analyzed

UJ = The analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit is approximate and may be inaccurate or imprecise

TCLP = Toxicity Characteristic Leaching Procedure

Screening Levels = Screening levels are the regulatory limit for designation as a Hazardous Waste

APPENDIX A

MBMG REGISTERED WELL RECORDS

Drinking water limits are based on U.S. Environmental Protection Agency primary and secondary standards for public water supplies (view their standards). Stock water and irrigation water recommendations are from U.S. Department of Agriculture Natural Resources Conservation Service water-quality guidelines. The guidelines are general and my vary depending on specific applications. Irrigation guidelines are based on continuous irrigation.

Sample Id	GWIC Id	Sample Date	Site Name	Location	Site Type
2001Q0975	178544	11/14/2000 2:15:00 PM	STIMSON LUMBER COMPANY	13N 18W 22 BCAD	WELL

Constituent	This Sample	Drinking Water	Stock Water	Irrigation Water
Calcium (Ca)	30.800 mg/L	---	---	---
Magnesium (Mg)	10.200 mg/L	---	2,000 mg/L	---
Sodium (Na)	3.630 mg/L	250 mg/L [smcl]	2,000 mg/L	see SAR
Potassium (K)	1.090 mg/L	---	---	---
Iron (Fe)	<.005 mg/L	0.3 mg/L [smcl]	---	---
Manganese (Mn)	<.001 mg/L	0.05 mg/L [smcl]	---	2.0 mg/L
Silica (SiO2)	10.600 mg/L	---	---	---
Bicarbonate (HCO3)	152.700 mg/L	---	---	---
Carbonate (CO3)	0.000 mg/L	---	---	---
Chloride (Cl)	0.993 mg/L	250 mg/L [smcl]	1,500 mg/L	---
Sulfate (SO4)	5.870 mg/L	250 mg/L [smcl]	1,500 mg/L	[b]
Nitrate (NO3 as N)	0.336 mg/L	10 mg/L [mcl]	100 mg/L	---
Fluoride (F)	<.05 mg/L	4 mg/L [mcl]	2 mg/L	---
Ortho-Phosphate (as P)	<.05 mg/L	---	---	---
Aluminum (Al)	<30 ug/L	50-200 ug/L [smcl]	---	1,000 ug/L
Antimony (Sb)	<2 ug/L	6 ug/L [mcl]	---	---
Arsenic (As)	1.510 ug/L	10 ug/L [mcl]	50 ug/L	100 ug/L
Barium (Ba)	216.000 ug/L	2,000 ug/L [mcl]	---	---
Boron (B)	<30 ug/L	---	---	---
Cadmium (Cd)	<2 ug/L	5 ug/L [mcl]	10 ug/L	5 ug/L
Chromium (Cr)	2.710 ug/L	100 ug/L [mcl]	1,000 ug/L	100 ug/L
Cobalt (Co)	<2 ug/L	---	1,000 ug/L	50 ug/L
Copper (Cu)	2.420 ug/L	1,300 ug/L [mcl]	500 ug/L	200 ug/L
Lead (Pb)	2.360 ug/L	15 ug/L [mcl]	50 ug/L	5,000 ug/L
Lithium (Li)	4.610 ug/L	---	---	2,500 ug/L
Molybdenum (Mo)	<10 ug/L	---	---	5 ug/L
Nickel (Ni)	<2 ug/L	---	---	200 ug/L
Phosphate (P)	<.05 ug/L	---	---	---
Selenium (Se)	<1 ug/L	50 ug/L [mcl]	50 ug/L	20 ug/L
Silver (Ag)	<1 ug/L	100 ug/L [smcl]	---	---
Strontium (Sr)	100.000 ug/L	---	---	---
Titanium (Ti)	<1 ug/L	---	---	---
Vanadium (V)	<5 ug/L	---	---	---
Zinc (Zn)	18.300 ug/L	5,000 ug/L [smcl]	24,000 ug/L	2,000 ug/L
Zirconium (Zr)	<2 ug/L	---	---	---

Key: **NR** = No reading in GWIC; **mg/L** = milligrams per Liter; **ug/L** = micrograms per Liter; --- = Currently no standard for this constituent; **[b]** = High concentrations of sulfate may restrict calcium uptake by crops; **[c]** = Varies with crop, generally dissolved solids should be less than 2,000 mg/L (equivalent to specific conductance of about 2,000 to 3,000 micromhos/cm); **[d]** = Dependent upon other variables such as type of clay in soil and salt content of water. (See SAR); **[mcl]** = U.S. Environmental Protection Agency maximum contaminant level or action level: revised October 13, 1999; **[smcl]** = U.S. Environmental Protection Agency maximum contaminant level or action level: revised October 13, 1999. This standard is based on aesthetic quality of water (i.e. odor, color, etc.) and is not a health standard.

Montana Bureau of Mines and Geology
Ground-Water Information Center Site Report
ANACONDA FOREST PRODUCTS

Plot this site on a topographic map

Location Information

GWIC Id:	68166	Source of Data:	LOG
Location (TRS):	13N 18W 22 BCB	Latitude (dd):	46.8737
County (MT):	MISSOULA	Longitude (dd):	-113.8692
DNRC Water Right:		Geomethod:	TRS-SEC
PWS Id:		Datum:	NAD27
Block:		Altitude (feet):	
Lot:		Certificate of Survey:	
Addition:		Type of Site:	WELL

Well Construction and Performance Data

Total Depth (ft):	36.00	How Drilled:	HAND DUG
Static Water Level (ft):	36.00	Driller's Name:	
Pumping Water Level (ft):		Driller License:	
Yield (gpm):	200.00	Completion Date (m/d/y):	1/1/1895
Test Type:		Special Conditions:	
Test Duration:		Is Well Flowing?:	
Drill Stem Setting (ft):		Shut-In Pressure:	
Recovery Water Level (ft):		Geology/Aquifer:	111ALVM
Recovery Time (hrs):		Well/Water Use:	DOMESTIC
Well Notes:			

Hole Diameter Information

No Hole Diameter Records currently in GWIC.

Annular Seal Information

No Seal Records currently in GWIC.

Casing Information[1]

No Casing Records currently in GWIC.

Completion Information[1]

No Completion Records currently in GWIC.

Lithology Information

No Lithology Records currently in GWIC.

[1] - All diameters reported are **inside** diameter of the casing.

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Montana Bureau of Mines and Geology
Ground-Water Information Center Site Report
STIMSON LUMBER COMPANY

Plot this site on a topographic map
View Water Quality for this Site

Location Information

GWIC Id: 178544
Location (TRS): 13N 18W 22 BCAD
County (MT): MISSOULA
DNRC Water Right: W116473-00
PWS Id: 00467002
Block:
Lot:
Addition:

Source of Data: COMBO
Latitude (dd): 46.8728
Longitude (dd): -113.8663
Geomethod: NAV-GPS
Datum: NAD27
Altitude (feet): 3301.00
Certificate of Survey:
Type of Site: WELL

Well Construction and Performance Data

Total Depth (ft): 103.00
Static Water Level (ft): 48.00
Pumping Water Level (ft):
Yield (gpm): 500.00
Test Type:
Test Duration:
Drill Stem Setting (ft):
Recovery Water Level (ft):
Recovery Time (hrs): 0.00

How Drilled:
Driller's Name: ULRICH
Driller License: WWC016
Completion Date (m/d/y): 3/17/1942
Special Conditions:
Is Well Flowing?:
Shut-In Pressure:
Geology/Aquifer: 112ALVM
Well/Water Use: PUBLIC WATER SUPPLY

Well Notes: COMPLETION OPEN BOTTOM WITH BARS WELDED ACROSS BOTTOM OF 10 INCH PIPE.

Hole Diameter Information

From	To	Diameter
0.0	103.0	12.0

Casing Information[1]

From	To	Dia	Wall Thickness	Pressure Rating	Joint	Type
-1.0	100.0	12.0				50 LB STEEL
96.0	103.0	10.0				STEEL

Annular Seal Information

No Seal Records currently in GWIC.

Completion Information[1]

From	To	Dia	# of Openings	Size of Openings	Description
96.0	103.0	10.0			20 1 X 6 SLOTS

Lithology Information

From	To	Description
0.0	40.0	GRAVEL AND BOULDERS VERY LITTLE CLAY
40.0	45.0	FINE CLEAN GRAVEL AND LITTLE WATER
45.0	50.0	GRAVEL AND BIG BOULDERS
50.0	80.0	COARSE WASH GRAVEL AND WATER
80.0	85.0	CLAY AND GRAVEL MIX
85.0	90.0	COARSE WASH GRAVEL AND WATER
90.0	95.0	TIGHT CLAY AND GRAVEL
95.0	97.0	CLAY AND SAND
97.0	103.0	COARSE CLEAN GRAVEL AND SAND - WATER

[1] - All diameters reported are **inside** diameter of the casing.

These data represent the contents of the GWIC databases at the Montana Bureau of Mines and Geology at the time and date of the retrieval. The

Montana Bureau of Mines and Geology
Ground-Water Information Center Site Report
BONNER SCHOOL

Plot this site on a topographic map

Location Information

GWIC Id: 163171
Location (TRS): 13N 18W 22 BC
County (MT): MISSOULA
DNRC Water Right:
PWS Id:
Block:
Lot:
Addition:

Source of Data: LOG
Latitude (dd): 46.8728
Longitude (dd): -113.8678
Geomethod: TRS-SEC
Datum: NAD27
Altitude (feet):
Certificate of Survey:
Type of Site: WELL

Well Construction and Performance Data

Total Depth (ft): 99.00
Static Water Level (ft): 46.50
Pumping Water Level (ft): 80.00
Yield (gpm): 150.00
Test Type: AIR LIFT
Test Duration: 1.00
Drill Stem Setting (ft):
Recovery Water Level (ft):
Recovery Time (hrs):

Well Notes:

How Drilled: ROTARY
Driller's Name: CAMP
Driller License: WWC007
Completion Date (m/d/y): 7/31/1997
Special Conditions:
Is Well Flowing?:
Shut-In Pressure:
Geology/Aquifer: 112ALVM
Well/Water Use: DOMESTIC IRRIGATION

Hole Diameter Information

No Hole Diameter Records currently in GWIC.

Annular Seal Information

From	To	Description
0.0	20.0	CEMENT

Casing Information[1]

From	To	Dia	Wall Thickness	Pressure Rating	Joint	Type
-2.0	99.0	6.0				STEEL

Completion Information[1]

From	To	Dia	# of Openings	Size of Openings	Description
83.5	98.5	6.0			.25X1.25 SLOTS

Lithology Information

From	To	Description
0.0	3.0	TOPSOIL
3.0	55.0	SAND & GRAVEL & CLAY
55.0	99.0	SAND GRAVEL CLAY WATER

[1] - All diameters reported are **inside** diameter of the casing.

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Ground-Water Information Center
Site Name: STIMSON LUMBER COMPANY

Water Quality Report
Report Date: 3/21/2006
Compare to Water Quality Standards

Location Information

Sample Id/Site Id:	2001Q0975 / 178544	**Sample Date:**	11/14/2000 2:15:00 PM
Location (TRS):	13N 18W 22 BCAD	**Agency/Sampler:**	MBMG / PMN
Latitude/Longitude:	46° 52' 22" N 113° 51' 58" W	**Field Number:**	PWS0046
Datum:	NAD27	**Lab Date:**	12/7/2000
Altitude:	3301.00	**Lab/Analyst:**	MBMG / JMC
County/State:	MISSOULA / MT	**Sample Method/Handling:**	PUMPED / 3120
Site Type:	WELL	**Procedure Type:**	DISSOLVED
Geology:	112ALVM	**Total Depth (ft):**	103.000
USGS 7.5' Quad:	BONNER	**SWL-MP (ft):**	NR
PWS Id:	00467002	**Depth Water Enters (ft):**	96.000
Project:	PWSINV		

Major Ion Results

	mg/L	meq/L		mg/L	meq/L
Calcium (Ca)	30.800	1.537	Bicarbonate (HCO3)	152.700	2.503
Magnesium (Mg)	10.200	0.839	Carbonate (CO3)	0.000	0.000
Sodium (Na)	3.630	0.158	Chloride (Cl)	0.993	0.028
Potassium (K)	1.090	0.028	Sulfate (SO4)	5.870	0.122
Iron (Fe)	<.005	0.000	Nitrate (as N)	0.336	0.024
Manganese (Mn)	<.001	0.000	Fluoride (F)	<.05	0.000
Silica (SiO2)	10.600		Orthophosphate (OPO4)	<.05	0.000
Total Cations		2.565	**Total Anions**		2.677

Trace Element Results (µg/L)

Aluminum (Al):	<30	Cadmium (Cd):	<2	Mercury (Hg):	NR	Tin (Sn):	NR
Antimony (Sb):	<2	Chromium (Cr):	2.710	Molybdenum (Mo):	<10	Titanium (Ti):	<1
Arsenic (As):	1.510	Cobalt (Co):	<2	Nickel (Ni):	<2	Thallium (Tl):	<5
Barium (Ba):	216.000	Copper (Cu):	2.420	Silver (Ag):	<1	Uranium (U):	NR
Beryllium (Be):	<2	Lead (Pb):	2.360	Selenium (Se):	<1	Vanadium (V):	<5
Boron (B):	<30	Lithium (Li):	4.610	Strontium (Sr):	100.000	Zinc (Zn):	18.300
Bromide (Br):	<50					Zirconium (Zr):	<2

Field Chemistry and Other Analytical Results

**Total Dissolved Solids:	138.760	Field Hardness as CaCO3 (mg/L):	NR	Ammonia (mg/L):	NR
**Sum of Diss. Constituents:	216.240	Hardness as CaCO3 (mg/L):	118.890	T.P. Hydrocarbons (µg/L):	NR
Field Conductivity (µmhos):	254.000	Field Alkalinity as CaCO3 (mg/L):	NR	PCP (µg/L):	NR
Lab Conductivity (µmhos):	256.000	Akalinity as CaCO3 (mg/L):	125.240	Phosphate, TD (mg/L as P):	<.05
Field pH:	7.600	Ryznar Stability Index:	8.377	Field Nitrate (mg/L):	NR
Lab pH:	7.450	Sodium Adsorption Ratio:	0.150	Field Dissolved O2 (mg/L):	NR
Water Temp (°C):	8.700	Langlier Saturation Index:	-0.464	Field Chloride (mg/L):	NR
Air Temp (°C):	-8.000	Nitrite (mg/L as N):	<.05	Field Redox (mV):	NR

Notes

Sample Condition: CLEAR
Field Remarks:
Lab Remarks:

Explanation: **mg/L** = milligrams per Liter; **µg/L** = micrograms per Liter; **ft** = feet; **NR** = No Reading in GWIC

Qualifiers: **A** = Hydride atomic absorption; **E** = Estimated due to interference; **H** = Exceeded holding time; **J** = Detected above MDL but less than MRL; **K** = Na+K combined; **N** = Spiked sample recovery not within control limits; **P** = Preserved sample; **S** = Method of standard additions; **U** = Analyzed for but not detected above MDL; * = Duplicate analysis not within control limits; ** = Sum of Dissolved Constituents is the sum of major cations (Na, Ca, K, Mg, Mn, Fe) and anions (HCO3, CO3, SO4, Cl, SiO2, NO3, F) in mg/L. Total Dissolved Solids is reported as equivalent weight of evaporation residue.

Disclaimer
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Montana Bureau of Mines and Geology
Ground-Water Information Center Site Report
KOLPPA EARL

Plot this site on a topographic map

Location Information

GWIC Id:	68161	Source of Data:	LOG
Location (TRS):	13N 18W 22 B	Latitude (dd):	46.8746
County (MT):	MISSOULA	Longitude (dd):	-113.8651
DNRC Water Right:		Geomethod:	TRS-SEC
PWS Id:		Datum:	NAD27
Block:	4	Altitude (feet):	
Lot:	10	Certificate of Survey:	
Addition:	WEST RIVERSIDE	Type of Site:	WELL

Well Construction and Performance Data

Total Depth (ft):	113.00	How Drilled:	
Static Water Level (ft):	78.00	Driller's Name:	
Pumping Water Level (ft):		Driller License:	
Yield (gpm):	25.00	Completion Date (m/d/y):	1/1/1947
Test Type:		Special Conditions:	
Test Duration:		Is Well Flowing?:	
Drill Stem Setting (ft):		Shut-In Pressure:	
Recovery Water Level (ft):		Geology/Aquifer:	112ALVM
Recovery Time (hrs):		Well/Water Use:	DOMESTIC
Well Notes:			

Hole Diameter Information

No Hole Diameter Records currently in GWIC.

Annular Seal Information

No Seal Records currently in GWIC.

Lithology Information

From	To	Description
0.0	113.0	GRAVEL ROCK CLAY

Casing Information[1]

From	To	Dia	Wall Thickness	Pressure Rating	Joint	Type
0.0	133.0	6.0				STEEL

Completion Information[1]

No Completion Records currently in GWIC.

[1] - All diameters reported are **inside** diameter of the casing.

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Montana Bureau of Mines and Geology
Ground-Water Information Center Site Report
ANACONDA FOREST PRODUCTS

Plot this site on a topographic map

Location Information

GWIC Id: 68163
Location (TRS): 13N 18W 22 BB
County (MT): MISSOULA
DNRC Water Right:
PWS Id:
Block:
Lot:
Addition:

Source of Data: LOG
Latitude (dd): 46.8764
Longitude (dd): -113.8678
Geomethod: TRS-SEC
Datum: NAD27
Altitude (feet):
Certificate of Survey:
Type of Site: WELL

Well Construction and Performance Data

Total Depth (ft): 83.00
Static Water Level (ft): 28.00
Pumping Water Level (ft):
Yield (gpm): 20.00
Test Type:
Test Duration:
Drill Stem Setting (ft):
Recovery Water Level (ft):
Recovery Time (hrs):
Well Notes:

How Drilled:
Driller's Name:
Driller License:
Completion Date (m/d/y): 10/10/1958
Special Conditions:
Is Well Flowing?:
Shut-In Pressure:
Geology/Aquifer: 112ALVM
Well/Water Use: INDUSTRIAL

Hole Diameter Information

No Hole Diameter Records currently in GWIC.

Annular Seal Information

No Seal Records currently in GWIC.

Casing Information[1]

From	To	Dia	Wall Thickness	Pressure Rating	Joint	Type
0.0	82.5	8.0				STEEL

Completion Information[1]

No Completion Records currently in GWIC.

Lithology Information

From	To	Description
0.0	12.0	GRAVEL BOULDERS
12.0	17.0	GRAVEL BOULDERS W/CLAY
17.0	44.0	SMALLER GRAVEL CLAY
44.0	54.0	HEAVING SAND FAIR SIZED GRAVEL WATER
54.0	60.0	SAND WATER
65.0	70.0	GRAVEL SAND WATER
70.0	72.0	CLAY GRAVEL
72.0	80.0	GRAVEL SAND WATER
80.0	82.0	ROCK

[1] - All diameters reported are **inside** diameter of the casing.

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APPENDIX B

STANDARD OPERATING PROCEDURES

Standard Operating Procedure
Field Logbook/Photographs (G-1)

Field Logbook

A separate field logbook will be used for each field task. Each logbook shall have a unique document control number. The logbooks will be bound and have consecutively numbered pages. The information recorded in these logbooks shall be written in indelible ink. The author will initial and date entries at the end of each day and a line shall be drawn through the remainder of the page. All corrections will consist of a single line-out deletion in indelible ink, followed by the author's initials and the date. No bound field logbooks will be destroyed or thrown away, even if they are illegible or contain inaccuracies that require a replacement document. These bound logbooks, at a minimum, shall include the following entries:

1. A purpose and description of the proposed field task,
2. Time and date fieldwork started,
3. Location and description of the work area, including sketches if possible, map references and photographs, and sketches of well construction details, soils, pits, etc.,
4. Names and titles of field personnel,
5. Name, address and phone number of any field contacts,
6. Meteorological conditions at the beginning of fieldwork and any ensuing changes in these conditions,
7. Details of the fieldwork performed and field data sheets used (including document control numbers), with special attention to any deviations from the task-specific Sampling and Analysis Plan (SAP) or Standard Operating Procedures(SOPs),
8. All field measurements made,
9. Any field laboratory analytical results, and
10. Personnel and equipment decontamination procedures.

For any field sampling work, at a minimum, the following entries should be made:

1. Sample location and number,
2. Sample type (e.g., ground water) and amount collected,
3. Date and time of sample collection,
4. Split samples taken by other parties. Note the type of sample, sample location, time/date, name of person, person's company, any other pertinent information,
5. Sampling method, particularly and deviations from the SOP,
6. Suspected waste composition, including an estimate of the hazard level as being low or medium,
7. Documentation or reference of preparation procedures for reagents or supplies that will become an integral part of the sample (e.g., filters and preserving reagents), and
8. Sample preservation, handling, packaging, labeling, shipping information (e.g., weight), the shipping agent, and the laboratory where the samples will be sent.

After each day of fieldwork, all the bound logbooks will be locked up in a location accessible to the Quality Assurance Manager, such as the field office filing cabinet.

Photographs

Photographs will be taken of field activities using a camera-lens system with a perspective similar to the naked eye. Photographs should include a measured scale in the picture, when practical. Telephoto or wide-angle shots will not be used, since they cannot be used in enforcement meetings. The following items shall be recorded in the bound field logbook for each photograph taken:

1. The photographer's name, the date, the time of the photography and the general direction faced,
2. A brief description of the subject and the fieldwork portrayed in the picture, and
3. Sequential number of the photograph and the roll number on which it is contained.

PHOTOGRAPH LABELS

PHOTOGRAPH NUMBER:_____
DATE:_____
TIME:_____
DIRECTION:_____
PHOTOGRAPHER:_____
DESCRIPTION:_____
_____
_____
_____
_____
_____
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_____
_____

STANDARD OPERATING PROCEDURE G-2

SAMPLE PACKAGING AND SHIPPING

Standard Operating Procedure
Sample Packaging and Shipping (G-2)

The following steps shall be followed when packaging and shipping environmental samples:

1. Collect the sample as stated in appropriate standard operating procedure (SOP).
2. Wipe the exterior of the sample container with appropriate decontamination solution while wearing the necessary personal protective equipment as specified in the site-specific Health and Safety Plan.
3. Attach the identification tag to the sample container. Place sample container in a 2-ml thick (or thicker) zip-lock polyethylene bag, one sample per bag. Position the sample container so the identification tag can be read through the bag, then seal the bag.
4. Place one or more bagged samples into a strong outside water-tight container, such as an ice chest or a DOT-approved fiberboard box.
5. Add ice and/or blue ice if required by the appropriate SOP.
6. Secure containers with noncombustible, absorbent, cushioning materials.
7. Secure the properly completed chain-of-custody form (see SOP G-4) to the inside of the ice chest lid in a plastic bag. The chain-of-custody form shall list only those samples contained in the ice chest.
8. Tape ice chest drain and ice chest closed using fiberglass tape and seal with several chain-of-custody seals.
9. Complete the air bill and Shipper's Certification for Restricted Articles/Dangerous Goods if required.
10. Label and address the ice chest.

Note: Bagging of samples and lining of coolers will not be necessary if samplers transport samples directly to the laboratory.

STANDARD OPERATING PROCEDURE G-3

FIELD QUALITY CONTROL SAMPLES

Standard Operating Procedure
Field Quality Control Samples (G-3)

Field Quality Control (QC) is a part of the project Quality Assurance/Quality Control program and is described in detail in the project specific Quality Assurance Plan. This Standard Operating Procedure (SOP) describes the purpose, preparation and collection frequency of field QC blanks and duplicate samples for aqueous matrices. QC samples will not be collected for soil samples because solid media is too heterogeneous. Table G-3.1 summarizes the field QC sampling requirements described in this SOP.

At least one set of field QC samples will be prepared for each sampling event. An event is defined by any of the following conditions:

1. The beginning of a new sampling round,
2. A significant change in either the sample type, matrix, or location, or
3. A change in any sample analysis parameter.

If the number of field QC samples taken does not equal to an integer multiple of the interval specified in Table G-3.1, use the next higher multiple. For example, if a frequency of 1 in 20 is indicated and 28 field samples are collected, then two field QC samples will be prepared.

All field QC samples shall be packaged and shipped with field samples to the laboratory in accordance to procedures outlined in SOP-G-2. Sample custody will be maintained according to procedures outlined in SOP-G-4. The text below describes the field QC samples for the aqueous matrix.

Field QC Samples

Trip Blank

A trip blank will be used to help identify cross contamination in a shipment of aqueous samples for analyzing volatile organic compounds (VOCs) only. Trip blanks will be prepared by the appropriate laboratory and in the appropriate containers using distilled/deionized (DS/DI) water. Trip blanks will be transported unopened to and from the field with field samples. One trip blank will be prepared for and sent with each shipment of samples for analyzing VOCs.

Equipment Rinsate Blank

Equipment rinsate blanks will be used to help identify possible contamination from the sampling environment or from sampling equipment, such as a bailer, collection container, or filter apparatus. Equipment rinsate blanks for field-filtered samples will be prepared by processing a representative amount of DS/DI water through the decontaminated sample collection equipment and filtering apparatus with a filter, then transferring the water to an appropriate sample container, and adding any necessary preservatives.

Equipment rinsate blanks for non-field filtered samples will be prepared by processing a representative amount of laboratory DS/DI water through the decontaminated sample collection equipment, then transferring the water to an appropriate sample container, and adding any necessary preservatives. Equipment rinsate blanks are required for all inorganic or organic constituents. Equipment rinsate blanks will be prepared daily, or once for every 20 samples collected, whichever is more frequent.

Field Blank

Field blanks provide a measure of various cross-contamination sources, decontamination efficiency, and other potential errors that can be introduced from sources other than the sample. A field blank is prepared by the same protocols as a normal sample, but is not exposed to any sampling equipment. A field blank is prepared in the field and consists of a representative amount of DS/DI and/or reagent-grade (analyte-free) water and any necessary preservatives. A field blank is contained in a sample bottle randomly chosen from each lot of bottles received from the supplier. Field blanks are required for all inorganic or organic constituents. Field blanks will be collected for each type of sample bottle at a frequency of 1 per 20 samples or once per sampling event, whichever is more frequent.

Field Duplicate

Field duplicates are co-located samples collected identically and consecutively over a minimum period of time and provide a measure of the total analytical bias (field and laboratory variance), including bias resulting from the heterogeneity of the replicate sample set itself. Field duplicates consist of two samples (one sample and one replicate) collected consecutively at the same location and placed in different bottles for separate analysis. Each duplicate will have its own sample number. The two samples will be sent to the laboratory and analyzed for identical chemical parameters. Field duplicate samples will be collected at a minimum frequency of 1 per 20 samples or once per sampling event, whichever is more frequent.

TABLE G-3.1
FIELD QC SAMPLING REQUIREMENTS

QC Sample	Sample Matrix	Sample Location	Preparation Method	Laboratory Frequency
Equipment Rinsate Blank	Aqueous	Field	DI/DS water through sampling equipment and preserved.	Daily or one every 20 samples.
Field Blank	Aqueous	Field	DI/DS water not exposed to sampling equipment.	One per sampling event or one every 20 samples.
Field Duplicate	Aqueous and Solid	Field	Co-located samples collected identically and consecutively.	One per sampling event or one per 20 samples.
Trip Blanks	Aqueous (VOCs only)	Laboratory	DI/DS Water	One per sample shipment.

STANDARD OPERATING PROCEDURE G-4

SAMPLE CUSTODY

Standard Operating Procedure
Sample Custody (G-4)

A stringent, established program of sample chain-of-custody procedures shall be followed during field sample collection and handling activities to account for each sample. Preprinted labels will be used to maintain the highest degree of control in sample handling. The preprinted labels(with spaces provided) will ensure that all necessary information is retained with the sample chain-of-custody records, and shipping manifest will be utilized to maintain control over access to the sample destination after shipment from the sample collection site.

SAMPLE CONTROL FORMS

Sample Label

Each sample collected at the site shall be identified with a sample label. The following information shall be recorded on the label:

1. Project number,
2. Sample type (grab or composite, media sampled),
3. Sample identification (well number for groundwater samples, soil boring number, sample number, and sample depth for soil samples, etc.),
4. Date and time sample was taken,
5. Sampler's name,
6. Sample tag number (a unique serial number stamped or written on each sample label; duplicates and blanks shall be assigned separate sample numbers),
7. Preservative added, and
8. Remarks, including pertinent field observations.

Chain of Custody Record

Chain-of-custody records ensure that samples are traceable from the time of collection until introduced as evidence in legal proceedings. A sample is in a person's custody if any of the following criteria are met:

1. The sample is in the person's possession.
2. The sample is in the person's view after being in possession.
3. The sample has been locked up to prevent tampering after it was in the person's possession.
4. The sample was in the person's possession, then was transferred to a designated secure area.

The chain-of-custody record is completed in the field by the individual physically in charge of the sample collection. The chain-of-custody record may be completed concurrently with the field sample data sheet or before shipping samples to the laboratory. The sampler is personally responsible for the care and custody of the sample until it is shipped.

When transferring the sample possession, the individuals relinquishing and receiving the sample will sign, date, and write the time of day on the chain-of-custody record. The chain-of-custody record is enclosed with the sample after it has been signed by the sampler.

The chain-of-custody record also serves as the laboratory request form. As shown on the attached sample chain-of-custody form, a space is included on the form to list the analyses requested for each set of samples.

Field sample data is to be recorded in the field notebook. The field data correlates the assigned sample bottle designation to a specific well or sample location, or to other distinguishing features or attributes (i.e., dummy sample, duplicate sample, sample blank, etc.).

Olympus Technical Services, Inc.

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E. 11616 Montgomery #32, Spokane, WA 99206 Phone (509) 228-9235 Fax (509) 228-9236

CHAIN OF CUSTODY RECORD

CLIENT

PROJECT NAME

LOCATION

SAMPLER (PRINT)

REPORT RESULTS TO:

- ☐ BILLINGS, MONTANA
- ☐ BOISE, IDAHO
- ☐ HELENA, MONTANA
- ☐ SPOKANE, WASHINGTON

SIGNATURE

LOGBOOK #

WORK ORDER #

CUSTODY SEAL #

ANALYSES REQUESTED

SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	LAB SAMPLE IDENTIFICATION							COMMENTS

RELINQUISHED BY (PRINT)	DATE	TIME	(SIGNATURE)	RECEIVED BY (PRINT)	DATE	TIME	(SIGNATURE)
RELINQUISHED BY (PRINT)	DATE	TIME	(SIGNATURE)	RECEIVED BY (PRINT)	DATE	TIME	(SIGNATURE)

ANALYTICAL LABORATORY

Name:

Address:

Phone:

Fax:

COMMENTS/REQUESTS

Return Coolers to:

Number of Coolers:

LABORATORY RECEIVING INFORMATION

Page ____ of ____

STANDARD OPERATING PROCEDURE G-5

SOIL AND WATER SAMPLING FIELD EQUIPMENT DECONTAMINATION

Standard Operating Procedure
Soil and Water Sampling Field Equipment Decontamination (G-5)

To prevent potential cross-contamination of samples, all reusable soil and water sampling equipment and pumps shall be decontaminated. The sample personnel shall set up the area used to decontaminate soil and water sampling equipment in the manner shown on Figure G-5-1. This area will be located upwind from the specific sampling area. The personnel performing the decontamination procedures will wear protective clothing as specified in the site-specific Health and Safety Plan.

PROCEDURES USED TO DECONTAMINATE INORGANICALLY CONTAMINATED SOIL SAMPLING EQUIPMENT

Table G-5.1 lists the equipment that shall be used to decontaminate the soil sampling equipment and the decontamination station where it will be used. The specific procedures for decontaminating inorganic contaminated soil sampling equipment include the following:

1. At Station No. 1, first wash the contaminated equipment in a tub containing tap water to remove the soil material. Follow with a second wash in a tub containing water mixed with a detergent, such as Alconox.
2. Move the equipment to the wash tub in Station No. 2. Rinse the equipment with clean water, wash with 0.1 Normal nitric acid (HNO_3), then rinse with distilled/deionized (DS/DI) water.
3. At Station No. 3, place the clean equipment on plastic sheeting until it is used again.

   After decontaminating all the soil sampling equipment, the disposable gloves and used plastic from Station No. 3 shall be placed in garbage bags and disposed in a trash collection facility. The wash and rise water from Station Nos. 1 and 2 will be disposed in accordance with the site-specific SAP. At the end of each day, all soil sampling equipment shall be stored in large plastic bags.

PROCEDURES USED TO DECONTAMINATE INORGANICALLY CONTAMINATED WATER SAMPLING EQUIPMENT

Table G-5.2 lists the equipment that shall be used to decontaminate the water sampling equipment and the decontamination stations where it will be used. (To decontaminate pumps, see section **Decontamination of Sampling Pumps** at the end of this SOP).

The specific procedures for decontaminating inorganic contaminated water sampling equipment include the following:

1. At Station No. 1, wash the contaminated equipment in a tub containing water mixed with a detergent such as Alconox.
2. Move the equipment to the wash tub in Station No. 2. First, rinse the equipment with DS/DI water. Then rinse the equipment with dilute (0.1 Normal) nitric acid and follow with a second rinse using DS/DI water.
3. At Station No.3, place the clean equipment on plastic sheeting until it is used again.

After decontaminating all the water sampling equipment, the disposable gloves and used plastic from Station No. 3 shall be placed in garbage bags and disposed in a trash collection facility. The wash and rinse water from Station No. 1 and No. 2 will be disposed in accordance with the site-specific SAP. At the end of each day, all water sampling equipment shall be stored in large plastic bags.

PROCEDURES USED TO DECONTAMINATE ORGANICALLY CONTAMINATED SOIL SAMPLING EQUIPMENT

Table G-5.3 lists the equipment and supplies that shall be used to decontaminate the soil sampling equipment and the decontamination station where it will be used. The specific procedures for decontaminating the organic contaminated soil sampling equipment include the following:

1. At Station No. 1, Tub No. 1, wash and scrub with a detergent such as Alconox, or use a pressurized steam cleaner to remove the soil material. Collect the waste water for disposal in accordance with the site-specific SAP.
2. At Station No. 1, Tub No. 2, double rinse the equipment with DS/DI water.
3. At Station No. 2, rinse the equipment with methanol followed by a double rinse with DS/DI water.
4. At Station No. 3, lay the equipment on the clean plastic to air dry.
5. Wrap the equipment in clean plastic until reuse.

The disposable gloves and used plastic from Station No. 3 shall be placed in garbage bags and disposed in the trash collection containers. The wash and rinse waters from Stations No. 1 and 2 will be disposed in accordance with the site-specific SAP.

PROCEDURES USED TO DECONTAMINATE ORGANICALLY CONTAMINATED WATER SAMPLING EQUIPMENT

Table G-5.4 lists the equipment and supplies that shall be used to decontaminate the water sampling equipment and the decontamination station where it will be used. (To decontaminate pumps, see section **Decontamination of Sampling Pumps** at the end of this SOP.)

The specific procedures for decontaminating the organic contaminated water sampling equipment include the following:

1. At Station No. 1, Tub No. 1, wash and scrub the equipment with a detergent such as Alconox, or use a pressurized steam cleaner to remove the soil material. Collect the waste water for disposal in accordance with the site-specific SAP.
2. At Station No. 1, Tub No. 2, double rinse the equipment with DS/DI water.
3. At Station No. 2, rinse the equipment with methanol followed by a double rinse with DS/DI water.
4. At Station No. 3, lay the equipment out on the clean plastic to air dry.
5. Wrap the equipment in the clean plastic until reuse.

The disposable gloves and used plastic from Station No. 3 shall be placed in garbage bags and disposed in the trash collection containers. The wash and rinse waters from Stations No. 1 and 2 will be disposed in accordance with the site-specific SAP.

DECONTAMINATION OF SAMPLING PUMPS

When using field decontamination, it is advisable to begin sampling with the well containing the lowest anticipated analyte concentration. Successive samples should be obtained from wells anticipated to have increasing analyte concentrations. Use of dedicated pump equipment is preferable when feasible. Table G-5.5 lists the decontamination equipment required.

When pumps (e.g., submersible or bladder) are submerged below the water surface to collect water samples, they should be cleaned and flushed between uses. This cleaning process consists of an external detergent wash and high-pressure tap water rinse, or steam cleaning, of pump casing, tubing and cables, followed by a flush of potable water through the pump. This flushing can be accomplished by pouring clean tap water from a carboy into the end of the discharge tube and working it down to the inside of the pump. The procedure should be repeated; then the tubing and inside of the pump should be rinsed with DS/DI water.

Surface pumps (e.g., peristaltic or diaphragm) used for well evacuation need not be cleaned between well locations. However, a new length of polyethylene tubing must be used for each well and discarded after use. The pump and hose should always be placed on clean polyethylene sheeting to avoid contact with the ground surface.

TABLE G-5.1

DECONTAMINATION EQUIPMENT FOR INORGANICALLY CONTAMINATED SOIL SAMPLING EQUIPMENT

Equipment List for Decontamination

Item	Quantity
3-gallon plastic tubs	3
5-gallon plastic container, tap water	a
5-gallon carboy, DS/DI water	a
Alconox	a
0.1 Normal Nitric Acid	a
Hard-bristle brushes	2
Plastic sheeting or garbage bags	a
Personal protective equipment	a,b
Kimwipes	a
55-gallon drum(s)	a
Drum labels	a
Spray paint	a

Equipment at Decontamination Stations

Station No. 1
- Alconox
- Tap water
- Two 3-gallon plastic washtubs
- Scrub brush
- DS/DI water

Station No. 2
- 3-gallon plastic washtub
- DS/DI water
- 0.1 Normal Nitric Acid

Station No. 3
- Plastic sheeting or garbage bag

---

a Quantity depends on the size of the sampling effort and is, therefore, left to the discretion of the field hydrogeologist or geologist.

b Type of protective equipment as specified in the site-specific Health and Safety Plan.

TABLE G-5.2

DECONTAMINATION EQUIPMENT FOR INORGANICALLY CONTAMINATED WATER SAMPLING EQUIPMENT

Equipment List for Decontamination

Item	Quantity
3-gallon plastic tubs	3
5-gallon plastic container, tap water	a
5-gallon carboy, DS/DI water	a
Alconox	a
0.1 Normal Nitric Acid	a
Hard-bristle brushes	2
Plastic sheeting or garbage bags	a
Personal protective equipment	a,b
Kimwipes	a
55-gallon drum(s)	a
Drum labels	a
Spray paint	a

Equipment at Decontamination Stations

Station No. 1
- Alconox
- Tap water
- Two 3-gallon plastic washtubs
- Scrub brush
- DS/DI water

Station No. 2
- 3-gallon plastic washtub
- DS/DI water
- 0.1 Normal Nitric Acid

Station No. 3
- Plastic sheeting or garbage bag

---

a Quantity depends on the size of the sampling effort and is, therefore, left to the discretion of the field hydrogeologist or geologist.

b Type of protective equipment as specified in the site-specific Health and Safety Plan.

TABLE G-5.3

DECONTAMINATION EQUIPMENT FOR ORGANICALLY CONTAMINATED SOIL SAMPLING EQUIPMENT

Equipment List for Decontamination

Item	Quantity
3-gallon plastic tubs	3
5-gallon plastic container, tap water	a
5-gallon carboy, DS/DI water	a
Alconox	a
Hard-bristle brushes	2
Methanol	a
Plastic sheeting or garbage bags	a
Personal protective equipment	a,b
Kimwipes	a
55-gallon drum(s)	a
Drum labels	a
Spray paint	a

Equipment at Decontamination Stations

Station No. 1
- Alconox
- Tap water
- Two 3-gallon plastic washtubs
- Scrub brush
- DS/DI water

Station No. 2
- 3-gallon plastic washtub
- Methanol and DS/DI water

Station No. 3
- Plastic sheeting or garbage bag

---

a Quantity depends on the size of the sampling effort and is, therefore, left to the discretion of the field hydrogeologist or geologist.

b Type of protective equipment as specified in the site-specific Health and Safety Plan.

TABLE G-5.4

DECONTAMINATION EQUIPMENT FOR ORGANICALLY CONTAMINATED WATER SAMPLING EQUIPMENT

Equipment List for Decontamination

Item	Quantity
3-gallon plastic tubs	3
5-gallon plastic container, tap water	a
5-gallon carboy, DS/DI water	a
Alconox	a
Hard-bristle brushes	2
Methanol	a
Plastic sheeting or garbage bags	a
Personal protective equipment	a,b
Kimwipes	a
55-gallon drum(s)	a
Drum labels	a
Spray paint	a

Equipment at Decontamination Stations

Station No. 1
- Alconox
- Tap water
- Two 3-gallon plastic washtubs
- Scrub brush
- Acetone and methylene chloride or hexane

Station No. 2
- 3-gallon plastic washtub
- Methanol and DS/DI water

Station No. 3
- Plastic sheeting or garbage bag

---

a Quantity depends on the size of the sampling effort and is, therefore, left to the discretion of the field hydrogeologist or geologist.

b Type of protective equipment as specified in the site-specific Health and Safety Plan.

TABLE G-5.5

DECONTAMINATION EQUIPMENT FOR SAMPLING PUMPS
EQUIPMENT LIST FOR DECONTAMINATION OF SUBMERSIBLE PUMPS

Equipment List for Decontamination of Submersible Pumps

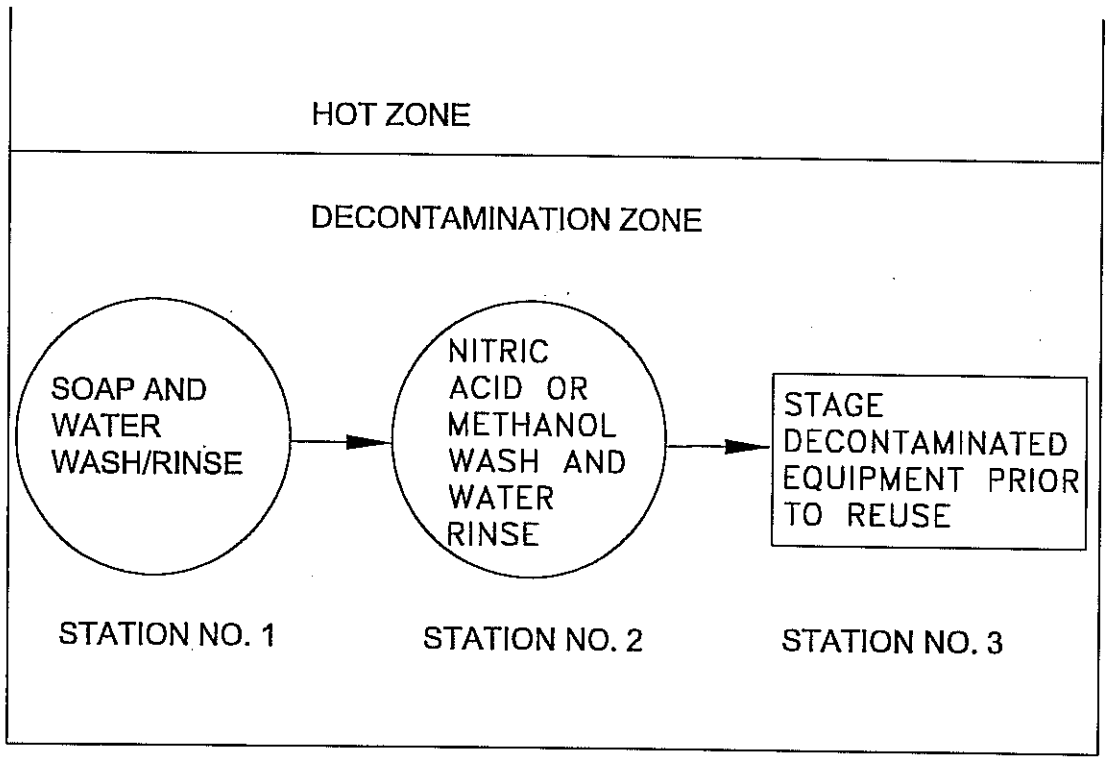
Item	Quantity
Alconox	a
Tap water	a
Hard-bristle brushes	1
Plastic sheeting or garbage bags	a
Personal protective equipment	a,b
30-gallon plastic trash can or plastic overpack drum	1
55-gallon drum(s)	a
Drum labels	a
Steam cleaner	Optional

Equipment List for Decontamination of Surface Pumps

Item	Quanity
Polyethylene tubing	a
Plastic sheeting or garbage bags	a

a Quantity depends on the size of the sampling effort and is, therefore, left to the discretion of the field hydrogeologist or geologist.

b Type of protective equipment as specified in the site-specific Health and Safety Plan.



Olympus Technical Services, Inc.				DECONTAMINATION STATIONS SETUP SOP G-5 SOIL AND WATER SAMPLING FIELD EQUIPMENT DECONTAMINATION	FIGURE G-5-1
Drawn: RSA	Checked: CRS	Date: 5/25/99	Job No:		
Design:	Approved:	Scale:	File: sop.dwg		

STANDARD OPERATING PROCEDURE SS-1

SAMPLE COLLECTION FROM SOIL BORINGS, EXCAVATIONS AND HAND-DUG PITS

STANDARD OPERATING PROCEDURE SS-1
SAMPLE COLLECTION FROM SOIL BORINGS, EXCAVATIONS, AND HAND DUG PITS

SOIL BORING PROCEDURES

The following procedures are designed to be used during the operation of auger type drill rigs during soil sampling operations. The procedures listed below may be modified in the field by the agreement of the lead site sampler and drill operators based on field and site conditions after appropriate annotations have been made in the appropriate bound field logbook. **Prior to any subsurface work, have utilities (gas and electric, telephone, sewer, etc.) located by a regional one-call service or the utility companies as needed.**

1. Locate the site as directed in the site-specific Sampling and Analysis Plan (SAP).

2. Drillers prepare rig for operation. This includes; but is not limited to, decontamination of the drill rig tools and sampling equipment, leveling the rig, preparing the downhole tool, preparing the auger "flights", and establishing the drill over the location.

3. Mount the split tube to the drive stem.

4. Prior to using the split spoon sampler, sample the surface increment to a depth in accordance with the site-specific SAP.

5. Place split spoon sampler on the ground surface and advance sampler to the desired depth using the rig hammer.

6. After driving the split spoon sampler its entire length or upon refusal of advancement, recover the split spoon sampler. Refusal is defined as 100 blows with the rig hammer and less than 6 inches advancement of the split spoon sampler. Less than 100 blows may be defined as refusal if there is no split spoon advancement. This decision will be made at the discretion of the field sampler.

7. After recovery of the split spoon sampler, open the spoon and place the spoon containing the soil sample into a holding device, maintaining the intervals as sampled.

8. Sampling personnel will then describe the soil sample based on the site-specific SAP instructions, and fill out the appropriate bound file logbooks, field profile sheets, field site sheets, and quality assurance/quality control documentation.

9. Decontaminate the split spoon sampler.

10. Repeat steps 3 to 9 until sampling is completed.

11. The drill rig tools and sampling equipment will be decontaminated prior to moving onto the next site. The drill rig will be left in a safe and secure fashion at the end of each shift.

BACKHOE PIT EXCAVATIONS

The following procedures are designed to be used during the operation of backhoe equipment to excavate sites prior to soil sampling operations. The procedures listed below may be modified in the field by the agreement of the lead site sampler and backhoe operators based on field and site conditions after appropriate annotations have been made in the appropriate bound field logbook.

1. Locate the site as directed in the site-specific SAP. Identify locations of underground utilities.

2. Place the backhoe tractor in a safe position. This will be based on the operators judgment and site conditions.

3. Begin backhoe excavation. Place excavated materials a sufficient distance from the excavation to prevent the return of excavated materials to the pit. Topsoil will be determined by the technical field support, removed, and segregated from the underlying soils.

4. Continue excavation of the pit to the required depth. This depth shall not exceed 5 feet from the ground surface unless the proper pit exit trenches, shoring, and sloping excavations have been excavated to prevent accidental burials of sampling crew and to meet or exceed all OSHA Construction Standards (29 CFR 1926; Appendix A) for entrance by sampling personnel. If OSHA Construction standards for entrance cannot be met, the sample will be obtained from the backhoe bucket.

5. Sampling personnel may enter the pit after all excavation is complete and the excavation is deemed safe to occupy. The site safety officer shall be the oversight authority and will determine what is safe and what is not safe. "Safe" for backhoe pit excavations is defined as meeting or exceeding all OSHA Construction Standards (29 CFR 1926; Appendix A), for entrance by sampling personnel.

6. Soil profile descriptions shall be made from a hand cleaned surface along the pit wall using the Unified Soil Classification System.

7. Soil sampling will follow soil profile description and establishment of sampling intervals based on the site-specific SAP. Soil samples will be collected with decontaminated stainless steel or plastic sampling tools and bowls from the appropriate intervals. A sample collected from a depth increment shall be a representative composite of the entire interval and not biased by sample mass collected largely from the top or bottom of the increment.

8. All pertinent field quality assurance/quality control documentation, bound field logbooks, sample labels, profile sheets, and field site sheets shall be completed prior to refilling the pit.

9. After items 1 through 8 have been completed to the satisfaction of the lead sampler, the site pit shall be refilled with the previously excavated materials. The earthen materials

are to be replaced in the same order they were excavated with topsoil placed on top of the filled pit. There will be some unavoidable mixing of soil during the excavation.

10. Decontaminate all sampling equipment, including the backhoe bucket.

11. Move to the next site. If the previous site was the last site of the day, decontaminate the backhoe bucket, secure, and park the backhoe tractor rig for the evening.

HAND DUG PITS

The following procedures are designed to be used during the operation of hand tools to excavate sites prior to soil sampling operations. The procedures listed below may be modified in the field by the agreement of the lead site sampler and field personnel based on field and site conditions after appropriate annotations have been made in the appropriate bound field logbook.

1. Locate the site as directed in the site-specific SAP.

2. Select the appropriate orientation for the excavation. This is be based on the lead field sampler's judgment and site conditions.

3. Begin pit excavation. Place excavated materials a sufficient distance from the excavation to prevent the return of excavated materials to the pit. Topsoil is to be placed separately from the underlying soils. Placement of excavated materials on a sheet of plastic is recommended to facilitate returning excavated material to the pit.

4. Continue excavation of the pit to the required depth. This depth shall not exceed 24 inches from the ground surface.

5. Soil profile descriptions shall be made from a hand cleaned surface alone the pit wall using the Unified Soil Classification System.

6. Soil sampling will follow soil profile description and establishment of sampling intervals based on the site-specific SAP. Soil samples will be collected with decontaminated stainless steel or plastic sampling tools and bowls from the appropriate intervals. A sample collected from a depth increment shall be representative composite of the entire interval and not biased by sample mass collected largely from the top or bottom of the increment.

7. All pertinent field quality assurance/quality control documentation, bound field logbooks, sample labels, profile sheets, and field site sheets shall be completed prior to refilling the pit.

8. After items 1 through 7 have been completed to the satisfaction of the lead sampler, the site pit shall be refilled with the previously excavated materials. The earthen materials are to be replaced in the same order they were excavated with topsoil placed on top of the filled pit. There will be some unavoidable mixing of the soil during the excavation.

9. Decontaminate all sampling equipment.

10. Move to the next site. If the previous site was the last site of the day, decontaminate the field sampling equipment, secure all equipment, and exit the site.

STANDARD OPERATING PROCEDURE SS-3

SEDIMENT SAMPLING FROM STREAMS, PONDS, AND LAKES

STANDARD OPERATING PROCEDURE (SS-3)
SEDIMENT SAMPLING FROM STREAMS, PONDS, AND LAKES

SEDIMENT SAMPLING

Sediment sampling can consist of grab samples obtained from the top of the sediment layer or cores obtained by hand drilling or other means. Grab samplers collect only disturbed samples and should be used only after the sampling of the overlying water has been completed. A core sampler should be used when an undisturbed sample is required. Suggested techniques include the following:

1. In small, low flowing streams or near the shore of a pond or lake, a grab sample can be obtained by scraping up the sediments with a sample container. If an undisturbed sample is desired, a manually operated piston type core sampler can be used. The cylinder is pressed and/or hammered into the stream bed by hand and the piston retracts and holds the sample in the cylinder by means of a partial vacuum. The piston is also used to eject the sample.

2. To obtain sediments from larger streams or farther from the shore of a pond or lake, a Teflon beaker attached to a telescoping pole with a clamp may be used to dredge sediments. Cored sediment samples can be obtained by a spring loaded or piston driven core sampler suspended from a shore based mechanical arm and reel assembly.

   In most cases, a number of sediment samples should be collected along a cross-section of a river or stream in order to characterize the bed material adequately. A common practice is to sample at quarter points along the cross-section of the site selected. When the sampling technique or equipment requires that the samples be extruded or transferred at the site, they can be combined into a single composite sample. However, samples of dissimilar composition should not be combined, but should be stored for separate analysis.

3. To obtain grab samples of sediments from rivers or in deeper lakes and ponds, a spring loaded sediment dredge may be used by lowering the sampler to the appropriate depth with a rope or cable. This sampler has a spring loaded rotating bucket which is initially rotated back into the body of the sampler and latched in place. When the sampler contacts the sediment bed, the latch trips and the spring causes the bucket to rotate into the sediment in a 180° arc. The cutting edge of the bucket is driven upwards against a seal to ensure that material will not be lost when the sampler is raised.

   Core samples can be obtained in deep water from water craft by either a gravity type sampler or a piston driven core sampler. The core barrel on a gravity sampler has a ball valve and steel cutting head at the base and lead weights at the top. The sampler is lowered into the water by cable off a power-operated reel, and is allowed to accelerate into the sediments in order to achieve penetration. If greater penetration is required, heavier and larger piston type core samplers can be utilized.

When collecting sediment samples in lakes, ponds, and streams the site should be approximately at the center of the water mass. This is particularly true for reservoirs that are formed by the impoundment of rivers or streams. Generally, the coarser grained sediments are deposited near the headwaters of the reservoirs, and the bed sediments near the center of the water mass will be composed of fine-grained materials. The shape, inflow pattern, bathymetry, and circulation must all be considered when selecting sediment sampling sites in lakes or reservoirs. In rivers or streams, fine grained sediments are deposited on the outside of bends and downstream from islands or obstructions.

4. The optimum number of samples to be taken and composited to obtain a representative sample from each location is dependent on the nature and heterogeneity of the sediment, the variable(s) under study, and the volume of the samples obtained. This is site- and job-specific and is to be addressed in the site-specific SAP.

5. The sampling device should be decontaminated between locations.

STANDARD OPERATING PROCEDURE SS-4

FIELD LABORATORY DETERMINATION OF SOIL pH

Standard Operating Procedure
Field Laboratory Determination of Soil pH (SS 4)

MATERIALS REQUIRED

1. Orion pH meter [refer to Standard Operating Procedure (SOP) H-2 for calibration and operating procedures]
2. pH probes and pH-4, pH-7 and pH-10 buffer solutions
3. Hard plastic spoons (teaspoon size, two minimum)
4. Glass stirring rods (two minimum)
5. 50-milliliter (ml) sample beaker (or disposable cup) with lid. Quantity depends on number of samples.
6. Deionized/distilled (DI/DS) water (two liters minimum)
7. 0.01 M $CaCl_2$ (1.47 grams $CaCl_2$ x 2 H_2O/liter = 2 liters minimum)
8. Paper towels

FIELD LABORATORY PROCEDURES

1. Place approximately 1 teaspoon (about 10 grams) of soil sample in sample beaker.

2. Add about 20 ml of 0.01 M $CaCl_2$ into beaker.

3. Stir with glass rod to make slurry. (Clean glass rod with DI//DS water prior to preparing another soil sample.)

4. Attach lid to beaker and shake vigorously.

5. Let beaker stand until sediment has settled. (This will take about 5 minutes for sandy sample to 30 minutes for clayey samples.)

6. Calibrate pH meter according to procedures outlined in SOP H-2.

7. Immerse clean pH probe in the "clean" solution. Gently move the probe up and down without disturbing the sediment.

8. Record pH value of solution in field log book when stabilized.

9. Decontaminate pH probe and continue on to next sample.

Reference:

Manual on Soil Sampling and Methods of Analyses, 2nd edition, 1978, prepared by Subcommittee (of Canada Soil Survey Committee) on Method of Analysis, J.A. McKeague, Ed.

STANDARD OPERATING PROCEDURE SS-6

COMPOSITING SOIL SAMPLES

STANDARD OPERATING PROCEDURE SS-6
COMPOSITING SOIL SAMPLES

INTRODUCTION

Compositing methods will be used when it is desirable to obtain a single sample representing the mean or average characteristics of a soil interval. This technique is good for obtaining average soil contaminant values; however, it tends to mask or obscure variations within the soil column. This procedure applies to samples taken for inorganic analysis. Volatile or semi-volatile organic compounds are lost using these methods and thus shall not be sampled in this manner.

METHOD

The procedure applies primarily to split spoon sampling, but can be adapted to suit other sampling methods. After the spoon is withdrawn from the boring and opened, and the upper several inches of potentially disturbed material is removed and discarded, the sample shall be split lengthwise with a stainless steel knife. One-half of the sample is transferred to a large stainless steel mixing bowl or pan. The other lengthwise half is placed in a glass sample jar and retained as a sample split for that depth interval. This procedure is repeated until the desired number of discrete split spoon samples have been collected for the composite.

The material in the mixing bowl or pan is then broken up and mixed thoroughly with a stainless steel spoon or trowel. Careful observation of the soil will indicate when homogenization is complete. The soil is then spread evenly in the bottom of the bowl or pan. The soil mass is quartered, and an equal-volume subsample taken from each quarter. These subsamples are placed in the sample jar to be sent to the laboratory for analysis. The remainder of the homogenized soil composite is saved and archived as a split.

STANDARD OPERATING PROCEDURE SS-7

PREPARATION OF SOIL CORE SAMPLES FOR LABORATORY ANALYSIS

STANDARD OPERATING PROCEDURE SS-7
PREPARATION OF SOIL CORE SAMPLES FOR LABORATORY ANALYSIS

FIELD LABORATORY PROCEDURES

The procedures outlined below are for the preparation of core samples for analyses of inorganic chemicals.

Samples obtained for analyses of organic chemicals will be shipped directly to the laboratory in the sealed brass tube in which they were collected. No preparation is necessary.

1. Ensure samples are well-sealed with paraffin and store them in a cool area.

2. Prior to use, and between samples, wash all utensils with a detergent solution, followed by a tap water rinse, a dilute acid rinse, and a final rinse with distilled/de ionized water.

3. Spread clean plastic under the sample holder to catch any sample which may spill during cutting.

4. Place the length of core section selected for analysis in the core holder.

5. Using a stainless steel knife, cut the core sections lengthwise into two subsamples, using the top edges of the core holder as a guide.

6. Split the core lengthwise into two subsamples using a plastic spatula and stainless steel blades.

7. Photograph the subsamples of the core section

8. If the core section is not entirely filled with material, the contents of the core should be split in half as best as possible. Note in the bound field logbook any sections that were not filled, and describe how the material was divided. The mixing bowl and utensils should be stainless steel or plastic.

9. After mixing as well as possible, remove approximately 40 g of material from the core half that is to be sent to the laboratory. Use this 40 g of material for laboratory analyses of slurry pH, and percent moisture. Remove 8-ounces of materials from every tenth sample to perform duplicate slurry pH and percent moisture analyses.

10. Send remaining material in the half-core section to the laboratory in a 16-ounce wide-mouth jar, or if the sample is too large for the jar, place in a plastic zip-lock bag. To guard against leakage, be sure to double-bag all samples. The laboratory requires a minimum of 200 g (dry weight) of sample. The standard 16-ounce jar is sufficient size to contain 200 g sample of typical soil material.

NOTE: The sample analysis request form provides the sample numbers and quantity of sample to be sent by the laboratory to the EPA or the reference laboratory after drying and grinding. Note which sample numbers are to be composited after grinding for whole core analysis.

11. Wrap the remaining half of the core section with plastic wrap ensuring it is well-sealed with tape. Label and store in a cool secured area.

APPENDIX C

SOIL BORING LOGS

SOIL BORING LOG
Stimson Cooling Pond
Bonner, Montana

Olympus Technical Services, Inc.

Boring ID:	B-1		**Surface Elevation:**	3,270	**Contractor:**	Salisbury
Drilling	**Start**	**Finish**	**Sample Device:**	Shelby Tube/Split Spoon	**Driller:**	Keith Becker
Time	11:30	16:00	**Device Size:**	2"x 24" / 2"x 18" or 2"x 24"	**Method:**	Diamond Core
Date	28-Mar-06	28-Mar-06	**Logged By:**	Fritz Durham	**Rig:**	Saitech Viper

Depth (feet)	Blow Count	Recovery (inch)	Sample Description (Classifications by ASTM D 2488-90)	Observations	Lithology
8.0				Base of Cooling Pond	
9.0 9.5 10.0 10.5	NA	18	MH: Silt with some clay and peat; Dark brown, wet, very soft, moderately plastic. Stratification: clay/silt fraction at 9 to 10 feet.	PID = 0.1 PPM Organic material - apparent wood fiber and chips	
11.0 11.5 12.0 12.5	NA	22	PT: Peat with some clay/silt; Dark brown, moist, very soft, slightly plastic. Stratification: None	Organic material - apparent wood fiber and chips	
13.0 13.5 14.0 14.5	NA	20	PT: Peat with some clay/silt; Dark brown, moist, very soft, nonplastic. Stratification: None	Organic material - apparent wood fiber and chips	
15.0 15.5 16.0 16.5	NA	20	PT: Peat with some clay/silt; Dark brown, moist, very soft, non-plastic. Stratification: 3-inch moderately plastic silt/clay layer at 16.5 feet	Organic material - apparent wood fiber and chips	
17.0 17.5 18.0 18.5	NA	NA	PT: Peat with some clay/silt, few sand, trace gravel; Dark brown, moist, soft, nonplastic. Stratification: some <2-inch slightly plastic silt/clay layers.	Organic material - apparent wood fiber and chips	
19.0 19.5 20.0 20.5	NA 10 6 4	4 3	PT: Peat with little clay/silt; Dark brown, moist, nonplastic. 3-inch wood plug in nose of split spoon	Organic material - apparent wood fiber and chips 2" x 18" split spoon	
21.0 21.5 22.0 22.5	2 6 3	2	PT: Peat with some gravel; Dark brown, wet, nonplastic, gravel to 1/2-inch.	Organic material - wood chips 2" x 18" split spoon	
23.0 23.5 24.0 24.5	6 19 22 32	2	PT: Peat with some gravel; Dark brown, wet, nonplastic, gravel to 1/2-inch.	Organic material - wood chips 2" x 24" split spoon	
25.0			Sampling terminated at 25 feet; Boring terminated at 23 feet Shelby tubes used for sample collection from 9 to 19.5 feet Split spoon used for sample collection 19.5 to 25 feet		

SOIL BORING LOG
Stimson Cooling Pond
Bonner, Montana

Olympus Technical Services, Inc.

Boring ID:	B-2			**Surface Elevation:**	3,270	**Contractor:**	Salisbury
Drilling	**Start**		**Finish**	**Sample Device:**	Shelby Tube/Split Spoon	**Driller:**	Keith Becker
Time	8:45		11:30	**Device Size:**	2"x 24" / 2"x 24"	**Method:**	Diamond Core
Date	29-Mar-06		29-Mar-06	**Logged By:**	Fritz Durham	**Rig:**	Saitech Viper

Depth (feet)	Blow Count	Recovery (inch)	Sample Description (Classifications by ASTM D 2488-90)	Observations	Lithology
7.0				Base of Cooling Pond	
7.5 8.0 8.5 9.0	NA	22	PT: Peat with some clay/silt; Dark brown, wet, soft, nonplastic. Stratification: None.	Organic material - apparent wood fiber and chips	
9.5 10.0 10.5 11.0	NA	24	PT: Peat with some clay/silt; Dark brown, wet, soft, nonplastic. Stratification: None.	Organic material - apparent wood fiber and chips	
11.5 12.0 12.5 13.0	NA	24	PT: Peat with some clay/silt; Dark brown, moist, soft, slightly plastic. Stratification: moderately plastic silt/clay layer at 13 feet.	Organic material - apparent wood fiber and chips	
13.5 14.0 14.5 15.0	NA	20	PT: Peat with some clay/silt; Dark brown, wet, soft, nonplastic. Stratification: None.	Organic material - apparent wood fiber and chips	
15.5 16.0 16.5 17.0	NA	10	PT: Peat with little clay/silt; Dark brown, wet, soft, nonplastic. Stratification: None.	Organic material - apparent wood fiber and chips	
17.5 18.0 18.5 19.0	10 4 7 6	2	GP: Gravel; light grey, wet, nonplastic, gravel to 1".	Apparent broken cobble	
19.5 20.0 20.5 21.0	6 8 7 6	5	GP: Gravel; light grey, wet, nonplastic, gravel to 1".	Apparent broken cobble	
21.5			Sampling terminated at 21.5 feet; Boring terminated at 19.5 feet Shelby tubes used for sample collection from 7.5 to 17.5 feet Split spoon used for sample collection 17.5 to 21.5 feet		

SOIL BORING LOG
Stimson Cooling Pond
Bonner, Montana

Olympus Technical Services, Inc.

Boring ID:	B-3			**Surface Elevation:**	3,270	**Contractor:**	Salisbury
Drilling	**Start**		**Finish**	**Sample Device:**	Shelby Tube/Split Spoon	**Driller:**	Keith Becker
Time	12:30		15:00	**Device Size:**	2"x 24" / 2"x 24"	**Method:**	Diamond Core
Date	29-Mar-06		29-Mar-06	**Logged By:**	Fritz Durham	**Rig:**	Saitech Viper

Depth (feet)	Blow Count	Recovery (inch)	Sample Description (Classifications by ASTM D 2488-90)	Observations	Lithology
7.0				Base of Cooling Pond	
7.5 8.0 8.5 9.0	NA	24	PT: Peat with some clay/silt; Dark brown, wet, soft, nonplastic. Stratification: None.	Organic material - apparent wood fiber and chips	
9.5 10.0 10.5 11.0	NA	22	PT: Peat with some clay/silt; Dark brown, wet, soft, nonplastic. Stratification: None.	Organic material - apparent wood fiber and chips	
11.5 12.0 12.5 13.0	NA	20	PT: Peat with little clay/silt; Dark brown, wet, soft, nonplastic. Stratification: None.	Organic material - apparent wood fiber and chips	
13.5 14.0 14.5 15.0	NA	13	PT: Peat with few clay/silt; Dark brown, wet, soft, nonplastic. Stratification: None.	Organic material - apparent wood fiber and chips; >90%	
15.5 16.0 16.5 17.0	NA	12	PT: Peat; Dark brown, wet, soft, nonplastic. Stratification: None.	Organic material - apparent wood fiber and chips; >90%	
17.5 18.0 18.5 19.0	NA	12	PT: Peat with little clay/silt; Dark brown, wet, soft, non-plastic. Stratification: None.	Organic material - apparent wood fiber and chips	
19.5 20.0 20.5 21.0	2 50R	0	No sample recovery		
21.5			Sampling terminated at 21.5 feet; Boring terminated at 19.5 feet Shelby tubes used for sample collection from 7.5 to 19.5 feet Split spoon used for sample collection 19.5 to 21.5 feet		

SOIL BORING LOG
Stimson Cooling Pond
Bonner, Montana

Olympus Technical Services, Inc.

Boring ID:	B-4		**Surface Elevation:**	3,270	**Contractor:**	Salisbury	
Drilling	**Start**	**Finish**	**Sample Device:**	Shelby Tube/Split Spoon	**Driller:**	Keith Becker	
Time	8:30	11:30	**Device Size:**	2"x 24" / 2"x 24"	**Method:**	Diamond Core	
Date	30-Mar-06	30-Mar-06	**Logged By:**	Fritz Durham	**Rig:**	Saitech Viper	

Depth (feet)	Blow Count	Recovery (inch)	Sample Description (Classifications by ASTM D 2488-90)	Observations	Lithology
3.0				Base of Cooling Pond	
3.5 4.0 4.5 5.0	NA	20	ML: Silt with clay; Black, wet, very soft, fine grained, poorly graded, plasticity not determined. Stratification: None.	Slight organic odor; no wood fibers or chips	
5.5 6.0 6.5 7.0	NA	24	ML: Silt with clay and little peat; Black, wet, very soft, fine grained, poorly graded, plasticity not determined. Stratification: None.	Little wood fibers or chips	
7.5 8.0 8.5 9.0	NA	24	ML: Silt with clay and little peat; Black, wet, soft, fine grained, poorly graded, moderate plasticity in clay layers. Stratification: few white mottled layers/lenses and 2" to 3" clay layers.	Little wood fibers or chips	
9.5 10.0 10.5 11.0	NA	24	ML: Silt with clay; Black, wet, very soft, fine grained, poorly graded, moderate plasticity in clay layers. Stratification: few 2" to 3" clay layers.	No wood chips	
11.5 12.0 12.5 13.0	NA	20	ML-PT: Silt with clay and peat; Black, wet, soft, poorly graded, moderate plasticity in silt/clay layers. Stratification: silt/clay to 12.5 feet, wood chips/fibers from 12.5 to 13.5 feet.	Organic material - apparent wood fiber and chips	
13.5 14.0 14.5 15.0	NA	20	PT: Peat with little clay/silt; Dark brown, wet, soft, nonplastic. Stratification: None.	Organic material - apparent wood fiber and chips; >80%	
15.5 16.0 16.5 17.0	NA	12	PT: Peat with little clay/silt; Dark brown, wet, soft, nonplastic. Stratification: None.	Organic material - apparent wood fiber and chips	
17.5 18.0 18.5 19.0	NA	6	PT: Peat with little clay/silt; Dark brown, wet, very soft, non-plastic. Stratification: None.	Organic material - apparent wood fiber and chips; organic/sewage odor	
19.5 20.0 20.5 21.0	12 36 2 6	5	SP: Sand; Brown, wet, soft, poorly graded, very fine to fine grained sand, nonplastic. Stratification: None.		
21.5 22.0 22.5 23.0	NA	0	Split spoon sample attempt unsuccessful.	Obstruction (rock) in boring casing.	
23.5			Sampling terminated at 21.5 feet; Boring terminated at 21.5 feet Shelby tubes used for sample collection from 3.5 to 19.5 feet Split spoon used for sample collection 19.5 to 21.5 feet		

APPENDIX D

LABORATORY ANALYTICAL REPORTS

NORTHERN
Analytical Laboratories, Inc.

602 South 25th Street
P O Box 30315
Billings, MT 59101
Telephone: (406) 254-7226
Fax: (406) 254-1389

REPORT TO:	ATTN: KEITH LARGE MONTANA DEPT. OF ENVIRONMENTAL QUALITY P.O. BOX 200901 HELENA, MT 59620-0901	**REVISION:** **DATE:** **JOB NUMBER:** **PAGE:** **INVOICE NO.:**	**May 4, 2006** April 26, 2006 90-933-19 1 of 194 6030241

REPORT OF: Soil Analysis – Stimson Pond

CASE NARRATIVE:

On March 30 and 31, 2006 these soil samples (laboratory numbers 2006030241-1 through -22) were received in our laboratory for analysis. The condition of the samples upon receipt at the laboratory is noted on the attached sample receipt checklist. Chain of custody documentation is enclosed. Instructions for compositing and analysis of samples were provided on April 3, 2006. Tests were conducted in general accordance with SW-846 *"Test Methods for Evaluating Solid Waste"*, 3rd Edition with updates I II, IIA, IIB, III; Massachusetts Department of Environmental Protection *"Method for the Determination of Volatile Petroleum Hydrocarbons (VPH)"* and *"Method for the Determination of Extractable Petroleum Hydrocarbons (EPH)"*; Western States Laboratory Proficiency Testing Program, *"Soil and Plant Analytical Methods"* and *"Standard Methods for the Examination of Water and Wastewater"*, 18th Edition.

The results of the analysis are shown on the following pages. A < sign indicates the value reported is the reporting limit (RL) for this sample using the method described. For some analytes, the concentration is reported to the method detection limit (MDL) of the test. Concentrations of analyte, if present, below the reporting limits were not quantifiable. Sample results are not corrected for analyte blank concentrations. Values in brackets are the quality control limits for the associated quality control test. RPD is the abbreviation for relative percent difference.

Conditions specific to the analysis of the samples and reporting of the analytical results are described below. During the course of the analysis, certain aspects of the testing did not conform to the requirements of the quality assurance plans or the published methods. These nonconformances or anomalies occurred to due the condition of the samples or the performance of the laboratory and are described herein.

Analysis for Total Metals –
The samples were air dried and pulverized then digested for analysis using EPA Method 3050B with quality control samples which included a method blank, laboratory control sample, matrix spike and matrix spike duplicate. The analyses were performed using EPA Methods 6010B, 6020 and 7471A. The concentrations are reported on a dry weight basis.

- The method blank was found to contain 3 mg/l of calcium. The method blank concentration is footnoted with the qualifier "B". The sample concentrations are not affected by this nonconformance, as the sample concentrations were greater than ten times the method blank concentration.
- The aluminum and iron matrix spike and matrix spike duplicate (MS/MSD) recoveries are outside the quality control limits. The iron and aluminum sample concentrations are greater than four times the spike added resulting in an invalid spike. The MS/MSD are reported with a (2) qualifier. The sample concentrations did not require qualification.
- The sample "B4-S-5" required dilution prior to the mercury analysis due to the reactive nature of the sample. As a result a higher reporting limit (RL) is used for this sample.
- Several samples required dilution to measure calcium, barium, iron and manganese within the linear dynamic range of the instrument. Concentrations are reported for the diluted samples only as concentrations obtained from analysis of undiluted samples are not valid.

Analysis for Inorganic Analytes
All testing processes and results obtained for the pH and oxidation reduction potential tests conformed to the quality assurance plans.

For reactive sulfide and cyanide analysis, the samples are prepared for analysis with quality control samples which included a method blank, laboratory control sample, matrix spike and matrix spike duplicate. The method as written and published is recognized by its authors as not reliable for the analysis of samples. The method, as written, does not produce a repeatable concentration of either cyanide or sulfide from a reference sample of known concentration.

- The recovery of cyanide and sulfide in our matrix spikes and laboratory controls for these tests did not meet our established quality control limits. Because of the limitations of the test, the concentrations reported are not footnoted with data qualifiers but should be considered screening level data only.

Analysis for Petroleum Hydrocarbons using Massachusetts EPH and VPH methods
The concentrations reported for analytes measured using the EPH and VPH methods were determined using the samples in their "as received" condition. The moisture content of the samples was measured and used to calculate and report the analyte concentrations on the dry weight basis. The samples are extracted or preserved for analysis with quality control samples which included a method blank, laboratory control sample, matrix spike and sample duplicate as specified by the methods.

- The benzene concentration of sample "B2-S-2" is footnoted with the qualifier "J", estimated concentration, as the benzene is present at a concentration between the MDL and the RL.
- When any single compound analyte was detected in the VPH analysis, the concentration was compared to the concentration obtained from the analysis performed by Method 8260B. When the analyte concentration was confirmed as present by the Method 8260B analysis, the concentration reported by the VPH method was notated with a ** qualifier. When the analyte concentration was not confirmed as present by the Method 8260B analysis, the concentration reported by the VPH method was notated with a * qualifier. The photoionization technique used in the VPH method is not a confirmatory method. The mass spectrometric technique used in Method 8260B is chemically specific for the target analytes. Therefore, when analytes are detected using the VPH method but not confirmed by Method 8260B, the analyte concentration reported using the VPH method should be considered a false positive concentration.
- Two surrogate compounds (aromatic and aliphatic surrogates) are added to each sample in the process of extracting the samples. The concentrations of the two surrogates are measured in the gas chromatographic (GC) step of the EPH method. The surrogate recoveries could not be measured in some of the EPH screen (determination of total extractable hydrocarbons) and EPH fraction analyses as the extracts required dilution prior to analysis. The dilution was required because the concentrations of the affected samples were in excess of the linear dynamic range of the instrument. Recoveries that could not be measured due to dilution of the sample are notated with a (1) footnote.
- During the silica gel treatment of the sample extracts in the EPH analysis, (designed for the separation and collection of the specific fractions of petroleum hydrocarbons) two surrogates are added to evaluate the process. The analyst did not add the two surrogates to the extract made for sample "B4-S-3". The EPH fraction concentrations are not affected by this failure to add the surrogates. Successful fractionation was demonstrated through the analysis and evaluation of the aromatic and aliphatic surrogates.

Analysis for Semivolatile Organic Compounds
The samples were extracted using Method 3550B and analyzed for semivolatile organic compounds using EPA Method 8270C with quality control samples which included a method blank, laboratory control sample, matrix spike and matrix spike duplicate. The concentrations reported for analytes were determined using the samples in their "as received" condition. The concentrations are not adjusted to a dry weight basis.

- The method requires the use of six internal standards in the calibration of the instrument and analysis of the samples. The samples were analyzed undiluted on April 12 and 13, 2006. The

recovery of several of the internal standards did not meet the method requirements for the samples but did meet the requirements for the method blank and lab control samples. This indicates the presence of interfering compounds in the samples. Concentrations are reported for target analytes associated with the internal standards with adequate recovery for the analysis performed on April 12 and 13. For target analytes associated with internal standards demonstrating low recovery, concentrations are not reported but instead the data qualifier "R" rejected, is used in our report. The samples were diluted and analyzed again on April 15 and 17 with improved recoveries of the internal standards. Concentrations of all target analytes are reported for those analyses using reporting limits adjusted for the dilution factors.

- The concentrations reported for 2,4-dinitrophenol that were analyzed on April 15 are footnoted with the data qualifiers "U" undetected and "J" estimated concentration. This indicates concentrations of analyte were not detected above the reporting limit but the reporting limit is imprecise or inaccurate. The average response factor of the calibration standards did not meet the method requirements so the reporting limit used is not fully supported by the calibration standards. The 2,4-dinitrophenol concentrations from April 17 did not require qualification.
- The recovery of pentachlorophenol in the matrix spike and its duplicate did not meet the quality control limits. The concentration of this analyte for the sample "B3-S-1" which was used for the matrix spike and duplicate is not reported but instead the qualifier "R", rejected, is used in our report. The concentration for this analyte is also measured and reported by Method 8151A.
- The concentration reported for pyrene for the sample "B3-S-1" which was used for the matrix spike and duplicate is footnoted with the data qualifiers "U" undetected and "J" estimated concentration. This indicates concentrations of analyte were not detected above the reporting limit but the reporting limit is imprecise or inaccurate. The recovery of pyrene in the matrix spike and its duplicate did not meet the quality control limits.
- The concentrations reported for some of the target analytes are footnoted with the data qualifier "J", estimated concentration because they were present in the sample at concentrations between the MDL and the RL.

Analysis for Volatile Organic Compounds

The samples were prepared in methanol in accordance with EPA Method 5035. The analysis for volatile organic compounds was performed using EPA Method 8260B with quality control samples, which included a method blank, laboratory control sample, matrix spike and matrix spike duplicate. The analyses performed met the quality control requirements of the method and the quality assurance plan. The concentrations reported for analytes were determined using the samples in their "as received" condition. The concentrations are not adjusted to a dry weight basis.

Analysis for Pesticides and PCBs

The samples were extracted using EPA method 3550B and analyzed using EPA Methods 8081A and 8082. Quality control samples extracted with the batch included a method blank, laboratory control sample, matrix spike and matrix spike duplicate. The concentrations reported for analytes were determined using the samples in their "as received" condition. The concentrations are not adjusted to a dry weight basis.

- The samples were analyzed undiluted, however the analysis was not acceptable for use due to excessive breakdown of 4,4-DDT. A 4,4-DDT standard is injected periodically during the analysis to check if the conditions of the chromatography cause 4,4-DDT to break down into 4,4-DDE and 4,4-DDD. The breakdown was most likely caused by the oiliness of the sample extracts. The samples were diluted and reanalyzed. The reporting limits are adjusted for the dilution factors.
- Prior to the analysis for PCBs, a portion of the pesticide/PCB extract was cleaned up with sulfuric acid and florisil. This cleanup procedure negatively affects the surrogates, therefore the surrogate recoveries are not measured but are footnoted with a (1) qualifier.
- Several analytes were confirmed as present using a second column confirmation procedure. When a peak is found in the retention time window (RTW) of a particular analyte on the primary GC column the analyte is evaluated on the confirmation GC column. If a peak is not found in the RTW in the confirmation column the analyte is not confirmed as present and reported as not detected. However, if a peak is found in the RTW the analyte is deemed confirmed and reported as a positive value. Due to the presence of Aroclor 1254 in the samples, this confirmation process was particularly

difficult due to the excessive number of peaks contributed by the PCB pattern. Positive values are reported in some of the samples for endosulfan I, endrin and 4,4-DDD. When comparing the sample chromatogram with a standard Aroclor 1254 pattern, the peaks associated with these three analytes appear to be part of the Aroclor 1254 pattern. Positive identification of the compound creating the peak cannot be made. These values are notated with "+" qualifier. When the concentration obtained on the primary column and the concentration obtained on the confirmation column differ by more than 40 RPD an additional "J" qualifier is added.

- The dieldrin recoveries in the matrix spike and matrix spike duplicate were below the quality control limits. The dieldrin concentration of sample "B3-S-1" has been footnoted with the data qualifiers "U" undetected and "J" estimated concentration. This indicates concentrations of analyte were not detected above the reporting limit but the reporting limit is imprecise or inaccurate.
- The matrix spike and matrix spike duplicate recoveries of endrin and 4,4-D,D,T were above the quality control limits. It appears as if peaks contributed by the PCB pattern are co-eluting with these two peaks. The sample concentrations did not require qualification.

Analysis for Herbicides

The samples were extracted and analyzed using EPA Method 8151A with quality control samples which included a method blank, laboratory control sample, matrix spike and matrix spike duplicate. The concentrations reported for analytes were determined using the samples in their "as received" condition. The concentrations are not adjusted to a dry weight basis.

- The recovery of dinoseb in the laboratory control sample did not meet the requirements of the quality assurance plan. The analysis was repeated with similar results. Concentrations for dinoseb are not reported but instead the qualifier "R", rejected, is used in our report. This indicates the results obtained for the analysis are not reliable.
- The reporting limit of 20 mg/kg used for the compound MCPA was not in compliance with the quality assurance plan. The reporting limit specified in the plan was 10 mg/kg but could not be supported by the calibration curve used in our analysis.

Analysis for Toxicity Characteristic

The samples were extracted using EPA Method 1311, prepared for analysis using various preparatory methods and analyzed using EPA Methods 6010B, 7470A, 8081A, 8151A, 8260B and 8270C. Each analysis batch was analyzed with quality control samples, which included an extraction blank, laboratory control sample and matrix spike.

- The recovery of chlordane in the laboratory control sample was outside the quality control limits. The reported concentrations are footnoted with the data qualifiers "U" undetected and "J" estimated concentration. This indicates concentrations of analyte were not detected above the reporting limit but the reporting limit is imprecise or inaccurate.

A summary of the footnotes and data qualifiers used in our report follows:

B – The analyte was detected in the method blank. Sample concentrations flagged with a "B" may not represent the true sample concentration. The results are not corrected for the method blank concentration.

E – The associated value is an estimated quantity as the analyte was measured at a concentration above the calibrated range of the test.

J – The associated value is an estimated quantity.

UJ- The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may be inaccurate or imprecise.

(1) Surrogate recovery is not reported due to sample extract dilution.

(2) The recovery of the matrix spike is outside the stated quality control limit. However, the sample result was greater than four times the spike added; therefore no corrective action was required.

(3) The recovery or replication is outside the stated quality control limit. Corrective action was not required. The associated sample results do not require qualification

(4) The recovery of this analyte in the matrix spike and/or its spike duplicate did not meet the quality control limits. The recovery of the analyte in the laboratory control sample met the control limits. This indicates the presence of a matrix interference in the sample. The associated sample results have been footnoted with a data qualifier.

(6) The recovery or replication is outside the stated quality control limit. The associated sample results have been footnoted with a data qualifier.

* The analyte concentration was not confirmed as present by the Method 8260B analysis

** The analyte concentration was confirmed as present by the Method 8260B analysis

\+ The analyte met the confirmatory requirements of the method. However, there is still doubt as to the validity of the analyte identification.

Prepared by _____
Kathleen A. Smit Laboratory Manager

Reviewed by _____
Denise Jensen - Quality Assurance Coordinator

Revision May 4, 2006—the client requested the concentrations of aroclors be reported on a dry weight basis for each sample. The date samples were received was revised to reflect arrival of all samples at the laboratory.

Electronically
Transmitted
To: Al Stine, Olympus Technical Services
Fritz Durham, Olympus Technical Services

Attachments: Chain of Custody (3)
Compositing Instructions
Sample Receipt Checklists (2)

nct

As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of our clients and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval. Test results apply specifically to the samples tested only. The entire report shall not be reproduced, except in full, without the written approval of the laboratory. Samples will be disposed of after testing is completed unless other arrangements are agreed to in writing.

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-1 **Description:** B1-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS IN SOIL				
C9-C18 Aliphatics, dry basis	<140	mg/kg	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	1300	mg/kg	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	470	mg/kg	MDEP-EPH-98	04/15/2006
Aliphatic Surrogate Recovery	96	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	100	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (FBP)	93	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (BN)	94	% [40-140]	MDEP-EPH-98	04/15/2006
EPH SCREEN IN SOIL				
Batch #/Extract Date - EPH in Soil	3981	-----	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	2700	mg/kg	MDEP-EPH-98	04/06/2006
EPH Screen Surrogate Recovery	97	% [40-140]	MDEP-EPH-98	04/06/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/09/2006
2 4-DB	<0.10	mg/kg	8151A	04/09/2006
Dalapon	<0.10	mg/kg	8151A	04/09/2006
Dicamba	<0.02	mg/kg	8151A	04/09/2006
Dichlorprop	<0.15	mg/kg	8151A	04/09/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/09/2006
MCPA	<20	mg/kg	8151A	04/09/2006
MCPP	<20	mg/kg	8151A	04/09/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/09/2006
Picloram	<0.02	mg/kg	8151A	04/09/2006
2 4 5-T	<0.01	mg/kg	8151A	04/09/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/25/2006
DCAA (Surrogate)	73	% [20-135]	8151A	04/09/2006
INORGANICS				
Oxidation-Reduction Potential	140.2@20.3	mV@degrees	2580B	04/13/2006
pH Saturated Paste	7.2	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<4.4	mg/kg	8082	04/13/2006
Aroclor 1221 dry basis	<4.4	mg/kg	8082	04/13/2006
Aroclor 1232 dry basis	<4.4	mg/kg	8082	04/13/2006
Aroclor 1242 dry basis	<4.4	mg/kg	8082	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-1 **Description:** B1-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aroclor 1248 dry basis	<4.4	mg/kg	8082	04/13/2006
Aroclor 1254 dry basis	24	mg/kg	8082	04/13/2006
Aroclor 1260 dry basis	<4.4	mg/kg	8082	04/13/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/13/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/13/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aldrin	<0.06	mg/kg	8081A	04/23/2006
A-BHC	<0.06	mg/kg	8081A	04/23/2006
B-BHC	<0.06	mg/kg	8081A	04/23/2006
D-BHC	<0.06	mg/kg	8081A	04/23/2006
Lindane (G-BHC)	<0.06	mg/kg	8081A	04/23/2006
A-Chlordane	<0.06	mg/kg	8081A	04/23/2006
G-Chlordane	<0.06	mg/kg	8081A	04/23/2006
4,4-DDD	<0.14	mg/kg	8081A	04/23/2006
4,4-DDE	<0.14	mg/kg	8081A	04/23/2006
4,4-DDT	<0.14	mg/kg	8081A	04/23/2006
Dieldrin	<0.14	mg/kg	8081A	04/23/2006
Endosulfan I	<0.14	mg/kg	8081A	04/23/2006
Endosulfan II	<0.06	mg/kg	8081A	04/23/2006
Endosulfan Sulfate	<0.14	mg/kg	8081A	04/23/2006
Endrin	<0.14	mg/kg	8081A	04/23/2006
Endrin Aldehyde	<0.14	mg/kg	8081A	04/23/2006
Heptachlor	<0.06	mg/kg	8081A	04/23/2006
Heptachlor Epoxide	<0.06	mg/kg	8081A	04/23/2006
Methoxychlor	<0.66	mg/kg	8081A	04/23/2006
Toxaphene	<1.3	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	99	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	176 (3)	% [47-149]	8081A	04/23/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0412061012	—	8270C	04/12/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/12/2006
Acenaphthylene (SV)	<0.1	mg/kg	8270C	04/12/2006
Anthracene (SV)	R	mg/kg	8270C	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-1 **Description:** B1-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/12/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/12/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/12/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/12/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/12/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/12/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/12/2006
4-Bromophenyl phenyl ether (SV)	R	mg/kg	8270C	04/12/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/12/2006
Carbazole (SV)	R	mg/kg	8270C	04/12/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/12/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/12/2006
Chrysene (SV)	R	mg/kg	8270C	04/12/2006
Dibenzofuran (SV)	<0.1	mg/kg	8270C	04/12/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/12/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/12/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/12/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
4,6-Dinitro-2-methylphenol (SV)	R	mg/kg	8270C	04/12/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/12/2006
Di-n-Butylphthalate (SV)	R	mg/kg	8270C	04/12/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/12/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/12/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-1 **Description:** B1-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Diphenylamine (SV)	R	mg/kg	8270C	04/12/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/12/2006
Fluoranthene (SV)	R	mg/kg	8270C	04/12/2006
Hexachlorobenzene (SV)	R	mg/kg	8270C	04/12/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/12/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/12/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/12/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/12/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/12/2006
3-Methylphenol & 4-Methylphenol	0.29	mg/kg	8270C	04/12/2006
Naphthalene (SV)	0.18 J	mg/kg	8270C	04/12/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/12/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/12/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/12/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/12/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/12/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/12/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/12/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/12/2006
Phenanthrene (SV)	R	mg/kg	8270C	04/12/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/12/2006
Pyrene (SV)	R	mg/kg	8270C	04/12/2006
Pyridine (SV)	<1	mg/kg	8270C	04/12/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Fluorophenol (Surrogate)	57	% [19-90]	8270C	04/12/2006
Phenol-d6 (Surrogate)	65	% [34-102]	8270C	04/12/2006
Nitrobenzene-d5 (Surrogate)	84	% [32-118]	8270C	04/12/2006
2-Fluorobiphenyl (Surrogate)	125	% [46-131]	8270C	04/12/2006
2,4,6-Tribromophenol (Surrogate)	124	% [13-142]	8270C	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-1 **Description:** B1-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Terphenyl-d14 (Surrogate)	31 (3)	% [40-144]	8270C	04/12/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0414061039	—	8270C	04/15/2006
Batch #/Extract Date - EPA 8270	4620	-----	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/15/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/15/2006
Anthracene	<0.4	mg/kg	8270C	04/15/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/15/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/15/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/15/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/15/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/15/2006
Benzoic acid	<1	mg/kg	8270C	04/15/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/15/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/15/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/15/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/15/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/15/2006
Carbazole	<0.6	mg/kg	8270C	04/15/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/15/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/15/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/15/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/15/2006
Chrysene	<0.4	mg/kg	8270C	04/15/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/15/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/15/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/15/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/15/2006
Diethylphthalate	<1	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-1 **Description:** B1-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/15/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/15/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/15/2006
2,4-Dinitrophenol	<10 UJ	mg/kg	8270C	04/15/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/15/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/15/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/15/2006
Fluoranthene	<0.4	mg/kg	8270C	04/15/2006
Fluorene	<0.6	mg/kg	8270C	04/15/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/15/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/15/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/15/2006
Isophorone	<0.4	mg/kg	8270C	04/15/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/15/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/15/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/15/2006
Naphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/15/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/15/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/15/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/15/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/15/2006
Phenanthrene	<0.4	mg/kg	8270C	04/15/2006
Phenol	<0.4	mg/kg	8270C	04/15/2006
Pyrene	<0.4	mg/kg	8270C	04/15/2006
Pyridine	<10	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-1 **Description:** B1-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2-Fluorophenol (Surrogate)	51	% [19-90]	8270C	04/15/2006
Phenol-d6 (Surrogate)	63	% [34-102]	8270C	04/15/2006
Nitrobenzene-d5 (Surrogate)	69	% [32-118]	8270C	04/15/2006
2-Fluorobiphenyl (Surrogate)	102	% [46-131]	8270C	04/15/2006
2,4,6-Tribromophenol (Surrogate)	74	% [13-142]	8270C	04/15/2006
Terphenyl-d14 (Surrogate)	108	% [40-144]	8270C	04/15/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	19,600	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	3490	mg/kg	6010B	04/10/2006
Potassium Dry Basis	920	mg/kg	6010B	04/10/2006
Sodium Dry Basis	1760	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	4720	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	<10	mg/kg	6010B	04/08/2006
Barium Dry Basis	317	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	<2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	<10	mg/kg	6010B	04/08/2006
Copper Dry Basis	69	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	7590	mg/kg	6010B	04/08/2006
Lead Dry Basis	20	mg/kg	6010B	04/08/2006
Manganese Dry Basis	300	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	<10	mg/kg	6010B	04/08/2006
Zinc Dry Basis	138	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	-----	3050B-SB	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-1 **Description:** B1-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
ICPMS Batch#/Digest Date	NA	-----	—	
Mercury Batch #/Digest Date	443	—	7471B	04/07/2006
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061011	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/06/2006
Bromobenzene	<0.05	mg/kg	8260B	04/06/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromoform	<0.05	mg/kg	8260B	04/06/2006
Bromomethane	<0.05	mg/kg	8260B	04/06/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/06/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/06/2006
Chloroethane	<0.05	mg/kg	8260B	04/06/2006
Chloroform	<0.05	mg/kg	8260B	04/06/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/06/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/06/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/06/2006
Dibromomethane	<0.05	mg/kg	8260B	04/06/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-1 **Description:** B1-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/06/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/06/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/06/2006
Methylene chloride	<0.25	mg/kg	8260B	04/06/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/06/2006
Naphthalene	<0.05	mg/kg	8260B	04/06/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/06/2006
Styrene	<0.05	mg/kg	8260B	04/06/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/06/2006
Toluene	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
Trichloroethene	<0.05	mg/kg	8260B	04/06/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/06/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/06/2006
Total Xylenes	<0.15	mg/kg	8260B	04/06/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/06/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/06/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/06/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/06/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/06/2006
Acetone	<0.5	mg/kg	8260B	04/06/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-1 **Description:** B1-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
1,2-Dichloroethane-d4 (Surrogate)	85	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	97	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	92	% [76-120]	8260B	04/06/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	-----	—	MDEP-VPH-98	04/03/2006
Moisture	64	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<28	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	<0.03	mg/kg	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	<0.14	mg/kg	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	<0.07	mg/kg	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	<0.69	mg/kg	MDEP-VPH-98	04/05/2006
Toluene dry basis	<0.14	mg/kg	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	<0.42	mg/kg	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<14	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<3	mg/kg	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	88	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	99	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	—	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-2 **Description:** B1-S-2 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061012	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/06/2006
Bromobenzene	<0.05	mg/kg	8260B	04/06/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromoform	<0.05	mg/kg	8260B	04/06/2006
Bromomethane	<0.05	mg/kg	8260B	04/06/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/06/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/06/2006
Chloroethane	<0.05	mg/kg	8260B	04/06/2006
Chloroform	<0.05	mg/kg	8260B	04/06/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/06/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/06/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/06/2006
Dibromomethane	<0.05	mg/kg	8260B	04/06/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-2 **Description:** B1-S-2 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/06/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/06/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/06/2006
Methylene chloride	<0.25	mg/kg	8260B	04/06/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/06/2006
Naphthalene	<0.05	mg/kg	8260B	04/06/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/06/2006
Styrene	<0.05	mg/kg	8260B	04/06/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/06/2006
Toluene	0.29	mg/kg	8260B	04/06/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
Trichloroethene	<0.05	mg/kg	8260B	04/06/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/06/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/06/2006
Total Xylenes	<0.15	mg/kg	8260B	04/06/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/06/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/06/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/06/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/06/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/06/2006
Acetone	<0.5	mg/kg	8260B	04/06/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/06/2006
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-2 **Description:** B1-S-2 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2-Dichloroethane-d4 (Surrogate)	72	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	98	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	91	% [76-120]	8260B	04/06/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	—	MDEP-VPH-98	04/03/2006
Moisture	53	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<21	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	<0.03	mg/kg	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	<0.11	mg/kg	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	<0.05	mg/kg	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	<0.53	mg/kg	MDEP-VPH-98	04/05/2006
Toluene dry basis	0.49**	mg/kg	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	<0.32	mg/kg	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<11	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<2	mg/kg	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	88	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	101	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	—	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-3 **Description:** COMPOSITE OF B1-S-2, B1-S-3 AND B1-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH SCREEN IN SOIL				
Moisture	48	%	MDEP-98	04/07/2006
Batch #/Extract Date - EPH in Soil	3981	-----	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	2000	mg/kg	MDEP-EPH-98	04/06/2006
EPH Screen Surrogate Recovery	105	% [40-140]	MDEP-EPH-98	04/06/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/09/2006
2 4-DB	<0.10	mg/kg	8151A	04/09/2006
Dalapon	<0.10	mg/kg	8151A	04/09/2006
Dicamba	<0.02	mg/kg	8151A	04/09/2006
Dichlorprop	<0.15	mg/kg	8151A	04/09/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/09/2006
MCPA	<20	mg/kg	8151A	04/09/2006
MCPP	<20	mg/kg	8151A	04/09/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/09/2006
Picloram	<0.02	mg/kg	8151A	04/09/2006
2 4 5-T	<0.01	mg/kg	8151A	04/09/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/25/2006
DCAA (Surrogate)	90	% [20-135]	8151A	04/09/2006
INORGANICS				
Oxidation-Reduction Potential	142.7@20.8	mV@degrees	2580B	04/13/2006
pH Saturated Paste	6.9	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<3.1	mg/kg	8082	04/13/2006
Aroclor 1221 dry basis	<3.1	mg/kg	8082	04/13/2006
Aroclor 1232 dry basis	<3.1	mg/kg	8082	04/13/2006
Aroclor 1242 dry basis	<3.1	mg/kg	8082	04/13/2006
Aroclor 1248 dry basis	<3.1	mg/kg	8082	04/13/2006
Aroclor 1254 dry basis	21	mg/kg	8082	04/13/2006
Aroclor 1260 dry basis	<3.1	mg/kg	8082	04/13/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/13/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/13/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-3 **Description:** COMPOSITE OF B1-S-2, B1-S-3 AND B1-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aldrin	<0.06	mg/kg	8081A	04/23/2006
A-BHC	<0.06	mg/kg	8081A	04/23/2006
B-BHC	<0.06	mg/kg	8081A	04/23/2006
D-BHC	<0.06	mg/kg	8081A	04/23/2006
Lindane (G-BHC)	<0.06	mg/kg	8081A	04/23/2006
A-Chlordane	<0.06	mg/kg	8081A	04/23/2006
G-Chlordane	<0.06	mg/kg	8081A	04/23/2006
4,4-DDD	<0.14	mg/kg	8081A	04/23/2006
4,4-DDE	<0.14	mg/kg	8081A	04/23/2006
4,4-DDT	<0.14	mg/kg	8081A	04/23/2006
Dieldrin	<0.14	mg/kg	8081A	04/23/2006
Endosulfan I	<0.06	mg/kg	8081A	04/23/2006
Endosulfan II	<0.14	mg/kg	8081A	04/23/2006
Endosulfan Sulfate	<0.14	mg/kg	8081A	04/23/2006
Endrin	<0.14	mg/kg	8081A	04/23/2006
Endrin Aldehyde	<0.14	mg/kg	8081A	04/23/2006
Heptachlor	<0.06	mg/kg	8081A	04/23/2006
Heptachlor Epoxide	<0.06	mg/kg	8081A	04/23/2006
Methoxychlor	<0.65	mg/kg	8081A	04/23/2006
Toxaphene	<1.3	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	95	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	126	% [47-149]	8081A	04/23/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0412061013	—	8270C	04/12/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/12/2006
Acenaphthylene (SV)	<0.1	mg/kg	8270C	04/12/2006
Anthracene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/12/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/12/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-3 **Description:** COMPOSITE OF B1-S-2, B1-S-3 AND B1-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/12/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/12/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/12/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/12/2006
4-Bromophenyl phenyl ether (SV)	R	mg/kg	8270C	04/12/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/12/2006
Carbazole (SV)	R	mg/kg	8270C	04/12/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/12/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/12/2006
Chrysene (SV)	R	mg/kg	8270C	04/12/2006
Dibenzofuran (SV)	<0.1	mg/kg	8270C	04/12/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/12/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/12/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/12/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
4,6-Dinitro-2-methylphenol (SV)	R	mg/kg	8270C	04/12/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/12/2006
Di-n-Butylphthalate (SV)	R	mg/kg	8270C	04/12/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/12/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/12/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/12/2006
Diphenylamine (SV)	R	mg/kg	8270C	04/12/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/12/2006
Fluoranthene (SV)	R	mg/kg	8270C	04/12/2006
Hexachlorobenzene (SV)	R	mg/kg	8270C	04/12/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/12/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-3 **Description:** COMPOSITE OF B1-S-2, B1-S-3 AND B1-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/12/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/12/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/12/2006
3-Methylphenol & 4-Methylphenol	<0.1	mg/kg	8270C	04/12/2006
Naphthalene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/12/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/12/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/12/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/12/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/12/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/12/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/12/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/12/2006
Phenanthrene (SV)	R	mg/kg	8270C	04/12/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/12/2006
Pyrene (SV)	R	mg/kg	8270C	04/12/2006
Pyridine (SV)	<1	mg/kg	8270C	04/12/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Fluorophenol (Surrogate)	38	% [19-90]	8270C	04/12/2006
Phenol-d6 (Surrogate)	54	% [34-102]	8270C	04/12/2006
Nitrobenzene-d5 (Surrogate)	66	% [32-118]	8270C	04/12/2006
2-Fluorobiphenyl (Surrogate)	111	% [46-131]	8270C	04/12/2006
2,4,6-Tribromophenol (Surrogate)	110	% [13-142]	8270C	04/12/2006
Terphenyl-d14 (Surrogate)	26 (3)	% [40-144]	8270C	04/12/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0414061037	—	8270C	04/15/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/15/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-3 **Description:** COMPOSITE OF B1-S-2, B1-S-3 AND B1-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Anthracene	<0.4	mg/kg	8270C	04/15/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/15/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/15/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/15/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/15/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/15/2006
Benzoic acid	<1	mg/kg	8270C	04/15/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/15/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/15/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/15/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/15/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/15/2006
Carbazole	<0.6	mg/kg	8270C	04/15/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/15/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/15/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/15/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/15/2006
Chrysene	<0.4	mg/kg	8270C	04/15/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/15/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/15/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/15/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/15/2006
Diethylphthalate	<1	mg/kg	8270C	04/15/2006
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/15/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/15/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/15/2006
2,4-Dinitrophenol	<10 UJ	mg/kg	8270C	04/15/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/15/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-3 **Description:** COMPOSITE OF B1-S-2, B1-S-3 AND B1-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/15/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/15/2006
Fluoranthene	<0.4	mg/kg	8270C	04/15/2006
Fluorene	<0.6	mg/kg	8270C	04/15/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/15/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/15/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/15/2006
Isophorone	<0.4	mg/kg	8270C	04/15/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/15/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/15/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/15/2006
Naphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/15/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/15/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/15/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/15/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/15/2006
Phenanthrene	<0.4	mg/kg	8270C	04/15/2006
Phenol	<0.4	mg/kg	8270C	04/15/2006
Pyrene	<0.4	mg/kg	8270C	04/15/2006
Pyridine	<10	mg/kg	8270C	04/15/2006
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2-Fluorophenol (Surrogate)	38	% [19-90]	8270C	04/15/2006
Phenol-d6 (Surrogate)	54	% [34-102]	8270C	04/15/2006
Nitrobenzene-d5 (Surrogate)	64	% [32-118]	8270C	04/15/2006
2-Fluorobiphenyl (Surrogate)	101	% [46-131]	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-3 **Description:** COMPOSITE OF B1-S-2, B1-S-3 AND B1-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4,6-Tribromophenol (Surrogate)	69	% [13-142]	8270C	04/15/2006
Terphenyl-d14 (Surrogate)	94	% [40-144]	8270C	04/15/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	6540	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	4410	mg/kg	6010B	04/10/2006
Potassium Dry Basis	1300	mg/kg	6010B	04/10/2006
Sodium Dry Basis	660	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	7580	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	<10	mg/kg	6010B	04/08/2006
Barium Dry Basis	236	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	<2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	<10	mg/kg	6010B	04/08/2006
Copper Dry Basis	24	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	10,300	mg/kg	6010B	04/08/2006
Lead Dry Basis	13	mg/kg	6010B	04/08/2006
Manganese Dry Basis	134	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	15	mg/kg	6010B	04/08/2006
Zinc Dry Basis	58	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	—	7471B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-4 **Description:** COMPOSITE OF B1-S-1, B1-S-2, B1-S-3 AND B1-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
REACTIVITY				
Cyanide as HCN (Reactive)	<0.1	mg/kg	7.3	04/06/2006
Sulfide as H2S (Reactive)	<100	mg/kg	7.3	04/07/2006
TCLP HERBICIDES				
TCLP Herbicides Batch#/Extraction Date	6568	—	1311	04/03/2006
Batch #/Extract Date - Method 8151A (Water)	2695	—	8151A	04/10/2006
2 4-D (TCLP)	<0.1	mg/l	8151A	04/10/2006
2 4 5-TP (TCLP)	<0.01	mg/l	8151A	04/10/2006
DCAA (Surrogate)	111	% [32-158]	8151A	04/12/2006
TCLP METALS				
TCLP Mercury Batch#/Digest Date	445	—	7470A	04/10/2006
TCLP ICP/AA Batch#/Digest Date	1028	—	3010A	04/06/2006
TCLP Metals Batch#/Extraction Date	6568	—	1311	04/03/2006
Arsenic as As (TCLP)	<0.5	mg/l	6010B	04/08/2006
Barium as Ba (TCLP)	2.1	mg/l	6010B	04/08/2006
Cadmium as Cd (TCLP)	<0.1	mg/l	6010B	04/08/2006
Chromium as Cr (TCLP)	<0.1	mg/l	6010B	04/08/2006
Lead as Pb (TCLP)	<0.5	mg/l	6010B	04/08/2006
Mercury as Hg (TCLP)	<0.001	mg/l	7470A	04/10/2006
Selenium as Se (TCLP)	<0.5	mg/l	6010B	04/08/2006
Silver as Ag (TCLP)	<0.2	mg/l	6010B	04/08/2006
TCLP PESTICIDES				
TCLP Pesticides Batch#/Extraction Date	6568	—	1311	04/03/2006
Batch #/Extraction Date - Method 3510C	2696	—	3510C	04/10/2006
Chlordane	<0.01 UJ	mg/l	8081A	04/20/2006
Lindane (G-BHC)	<0.05	mg/l	8081A	04/20/2006
Endrin	<0.005	mg/l	8081A	04/20/2006
Heptachlor	<0.002	mg/l	8081A	04/20/2006
Heptachlor Epoxide	<0.002	mg/l	8081A	04/20/2006
Methoxychlor	<0.5	mg/l	8081A	04/20/2006
Toxaphene	<0.1	mg/l	8081A	04/20/2006
TCMX (Surrogate) TCLP	76	% [12-125]	8081A	04/20/2006
DCB (Surrogate) TCLP	80	% [10-145]	8081A	04/20/2006
TCLP SEMIVOLATILE ORGANICS				
TCLP SVOCs Batch#/Extraction Date	6568	—	1311	04/03/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-4 **Description:** COMPOSITE OF B1-S-1, B1-S-2, B1-S-3 AND B1-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Extraction Date-TCLP SVOCs by 8270	4618	—	3510C	04/04/2006
Total Cresol (TCLP)	<0.08	mg/l	8270C	04/11/2006
1,4-Dichlorobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
2,4-Dinitrotoluene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachlorobutadiene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachlorobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachloroethane (TCLP)	<0.04	mg/l	8270C	04/11/2006
Nitrobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Pyridine (TCLP)	<0.2	mg/l	8270C	04/11/2006
Pentachlorophenol (TCLP)	<0.2	mg/l	8270C	04/11/2006
2,4,5-Trichlorophenol (TCLP)	<0.04	mg/l	8270C	04/11/2006
2,4,6-Trichlorophenol (TCLP)	<0.04	mg/l	8270C	04/11/2006
2-Fluorophenol (TCLP Surrogate)	37	% [10-79]	8270C	04/11/2006
Phenol-d6 (TCLP Surrogate)	29	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (TCLP Surrogate)	80	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (TCLP Surrogate)	109	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (TCLP Surrogate)	53	% [30-141]	8270C	04/11/2006
Terphenyl-d14 (TCLP Surrogate)	60	% [33-138]	8270C	04/11/2006
TCLP VOLATILE ORGANICS				
TCLP VOCs Batch#/Extraction Date	6568	—	1311	04/03/2006
Benzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Carbon Tetrachloride (TCLP)	<0.005	mg/l	8260B	04/07/2006
Chlorobenzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Chloroform (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,4-Dichlorobenzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,2-Dichloroethane (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,1-Dichloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Methyl Ethyl Ketone (TCLP)	<0.1	mg/l	8260B	04/07/2006
Tetrachloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Trichloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Vinyl chloride (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	96	% [72-122]	8260B	04/07/2006
Toluene-d8 (Surrogate)	97	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	89	% [86-114]	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-5 **Description:** B2-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS IN SOIL				
C9-C18 Aliphatics, dry basis	<680	mg/kg	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	3400	mg/kg	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	430	mg/kg	MDEP-EPH-98	04/17/2006
Aliphatic Surrogate Recovery	(1)	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	110	% [40-140]	MDEP-EPH-98	04/17/2006
Fractionation Surrogate Recovery (FBP)	91	% [40-140]	MDEP-EPH-98	04/17/2006
Fractionation Surrogate Recovery (BN)	94	% [40-140]	MDEP-EPH-98	04/17/2006
EPH SCREEN IN SOIL				
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	7400	mg/kg	MDEP-EPH-98	04/06/2006
EPH Screen Surrogate Recovery	(1)	% [40-140]	MDEP-EPH-98	04/06/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/09/2006
2 4-DB	<0.10	mg/kg	8151A	04/09/2006
Dalapon	<0.10	mg/kg	8151A	04/09/2006
Dicamba	<0.02	mg/kg	8151A	04/09/2006
Dichlorprop	<0.15	mg/kg	8151A	04/09/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/09/2006
MCPA	<20	mg/kg	8151A	04/09/2006
MCPP	<20	mg/kg	8151A	04/09/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/09/2006
Picloram	<0.02	mg/kg	8151A	04/09/2006
2 4 5-T	<0.01	mg/kg	8151A	04/09/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/25/2006
DCAA (Surrogate)	112	% [20-135]	8151A	04/09/2006
INORGANICS				
Oxidation-Reduction Potential	66.3@21.5	mV@degrees	2580B	04/13/2006
pH Saturated Paste	7.1	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<4.3	mg/kg	8082	04/13/2006
Aroclor 1221 dry basis	<4.3	mg/kg	8082	04/13/2006
Aroclor 1232 dry basis	<4.3	mg/kg	8082	04/13/2006
Aroclor 1242 dry basis	<4.3	mg/kg	8082	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-5 **Description:** B2-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aroclor 1248 dry basis	<4.3	mg/kg	8082	04/13/2006
Aroclor 1254 dry basis	8.9	mg/kg	8082	04/13/2006
Aroclor 1260 dry basis	<4.3	mg/kg	8082	04/13/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/13/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/13/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aldrin	<0.06	mg/kg	8081A	04/23/2006
A-BHC	<0.06	mg/kg	8081A	04/23/2006
B-BHC	<0.06	mg/kg	8081A	04/23/2006
D-BHC	<0.06	mg/kg	8081A	04/23/2006
Lindane (G-BHC)	<0.06	mg/kg	8081A	04/23/2006
A-Chlordane	<0.06	mg/kg	8081A	04/23/2006
G-Chlordane	<0.06	mg/kg	8081A	04/23/2006
4,4-DDD	<0.14	mg/kg	8081A	04/23/2006
4,4-DDE	<0.14	mg/kg	8081A	04/23/2006
4,4-DDT	<0.14	mg/kg	8081A	04/23/2006
Dieldrin	<0.14	mg/kg	8081A	04/23/2006
Endosulfan I	<0.06	mg/kg	8081A	04/23/2006
Endosulfan II	<0.14	mg/kg	8081A	04/23/2006
Endosulfan Sulfate	<0.14	mg/kg	8081A	04/23/2006
Endrin	<0.14	mg/kg	8081A	04/23/2006
Endrin Aldehyde	<0.14	mg/kg	8081A	04/23/2006
Heptachlor	<0.06	mg/kg	8081A	04/23/2006
Heptachlor Epoxide	<0.06	mg/kg	8081A	04/23/2006
Methoxychlor	<0.64	mg/kg	8081A	04/23/2006
Toxaphene	<1.3	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	75	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	109	% [47-149]	8081A	04/23/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0412061016	-----	8270C	04/13/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/13/2006
Acenaphthylene (SV)	<0.1	mg/kg	8270C	04/13/2006
Anthracene (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-5 **Description:** B2-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/13/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/13/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/13/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/13/2006
4-Bromophenyl phenyl ether (SV)	R	mg/kg	8270C	04/13/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/13/2006
Carbazole (SV)	R	mg/kg	8270C	04/13/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/13/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Chrysene (SV)	R	mg/kg	8270C	04/13/2006
Dibenzofuran (SV)	<0.1	mg/kg	8270C	04/13/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/13/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
4,6-Dinitro-2-methylphenol (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/13/2006
Di-n-Butylphthalate (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-5 **Description:** B2-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Diphenylamine (SV)	R	mg/kg	8270C	04/13/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobenzene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/13/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/13/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/13/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/13/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Methylphenol & 4-Methylphenol	<0.1	mg/kg	8270C	04/13/2006
Naphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/13/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/13/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/13/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/13/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/13/2006
Phenanthrene (SV)	R	mg/kg	8270C	04/13/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Pyrene (SV)	R	mg/kg	8270C	04/13/2006
Pyridine (SV)	<1	mg/kg	8270C	04/13/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Fluorophenol (Surrogate)	49	% [19-90]	8270C	04/13/2006
Phenol-d6 (Surrogate)	60	% [34-102]	8270C	04/13/2006
Nitrobenzene-d5 (Surrogate)	78	% [32-118]	8270C	04/13/2006
2-Fluorobiphenyl (Surrogate)	119	% [46-131]	8270C	04/13/2006
2,4,6-Tribromophenol (Surrogate)	88	% [13-142]	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-5 **Description:** B2-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Terphenyl-d14 (Surrogate)	26 (3)	% [40-144]	8270C	04/13/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0414061033	—	8270C	04/15/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/15/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/15/2006
Anthracene	<0.4	mg/kg	8270C	04/15/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/15/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/15/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/15/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/15/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/15/2006
Benzoic acid	<1	mg/kg	8270C	04/15/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/15/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/15/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/15/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/15/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/15/2006
Carbazole	<0.6	mg/kg	8270C	04/15/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/15/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/15/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/15/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/15/2006
Chrysene	<0.4	mg/kg	8270C	04/15/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/15/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/15/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/15/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/15/2006
Diethylphthalate	<1	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-5 **Description:** B2-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/15/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/15/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/15/2006
2,4-Dinitrophenol	<10 UJ	mg/kg	8270C	04/15/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/15/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/15/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/15/2006
Fluoranthene	<0.4	mg/kg	8270C	04/15/2006
Fluorene	<0.6	mg/kg	8270C	04/15/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/15/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/15/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/15/2006
Isophorone	<0.4	mg/kg	8270C	04/15/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/15/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/15/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/15/2006
Naphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/15/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/15/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/15/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/15/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/15/2006
Phenanthrene	<0.4	mg/kg	8270C	04/15/2006
Phenol	<0.4	mg/kg	8270C	04/15/2006
Pyrene	<0.4	mg/kg	8270C	04/15/2006
Pyridine	<10	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-5 **Description:** B2-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2-Fluorophenol (Surrogate)	46	% [19-90]	8270C	04/15/2006
Phenol-d6 (Surrogate)	56	% [34-102]	8270C	04/15/2006
Nitrobenzene-d5 (Surrogate)	68	% [32-118]	8270C	04/15/2006
2-Fluorobiphenyl (Surrogate)	108	% [46-131]	8270C	04/15/2006
2,4,6-Tribromophenol (Surrogate)	52	% [13-142]	8270C	04/15/2006
Terphenyl-d14 (Surrogate)	88	% [40-144]	8270C	04/15/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	46,900	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	7140	mg/kg	6010B	04/10/2006
Potassium Dry Basis	990	mg/kg	6010B	04/10/2006
Sodium Dry Basis	1620	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	5990	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	<10	mg/kg	6010B	04/08/2006
Barium Dry Basis	526	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	<2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	10	mg/kg	6010B	04/08/2006
Copper Dry Basis	183	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	9750	mg/kg	6010B	04/08/2006
Lead Dry Basis	21	mg/kg	6010B	04/08/2006
Manganese Dry Basis	549	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	<10	mg/kg	6010B	04/08/2006
Zinc Dry Basis	144	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-5 **Description:** B2-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	-----	7471B	04/07/2006
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061013	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/06/2006
Bromobenzene	<0.05	mg/kg	8260B	04/06/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromoform	<0.05	mg/kg	8260B	04/06/2006
Bromomethane	<0.05	mg/kg	8260B	04/06/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/06/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/06/2006
Chloroethane	<0.05	mg/kg	8260B	04/06/2006
Chloroform	<0.05	mg/kg	8260B	04/06/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/06/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/06/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/06/2006
Dibromomethane	<0.05	mg/kg	8260B	04/06/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-5 **Description:** B2-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/06/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/06/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/06/2006
Methylene chloride	<0.25	mg/kg	8260B	04/06/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/06/2006
Naphthalene	<0.05	mg/kg	8260B	04/06/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/06/2006
Styrene	<0.05	mg/kg	8260B	04/06/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/06/2006
Toluene	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
Trichloroethene	<0.05	mg/kg	8260B	04/06/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/06/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/06/2006
Total Xylenes	<0.15	mg/kg	8260B	04/06/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/06/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/06/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/06/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/06/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/06/2006
Acetone	<0.5	mg/kg	8260B	04/06/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-5 **Description:** B2-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
1,2-Dichloroethane-d4 (Surrogate)	90	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	98	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	95	% [76-120]	8260B	04/06/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	—	MDEP-VPH-98	04/03/2006
Moisture	63	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<27	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	<0.03	mg/kg	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	<0.14	mg/kg	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	<0.07	mg/kg	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	<0.68	mg/kg	MDEP-VPH-98	04/05/2006
Toluene dry basis	<0.14	mg/kg	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	<0.41	mg/kg	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<14	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<3	mg/kg	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	93	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	106	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	—	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	-----	MDEP-VPH-98	07/05/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-6 **Description:** B2-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS IN SOIL				
C9-C18 Aliphatics, dry basis	<170	mg/kg	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	2100	mg/kg	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	400	mg/kg	MDEP-EPH-98	04/15/2006
Aliphatic Surrogate Recovery	108	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	90	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (FBP)	89	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (BN)	85	% [40-140]	MDEP-EPH-98	04/15/2006
EPH SCREEN IN SOIL				
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	4400	mg/kg	MDEP-EPH-98	04/06/2006
EPH Screen Surrogate Recovery	(1)	% [40-140]	MDEP-EPH-98	04/06/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/09/2006
2 4-DB	<0.10	mg/kg	8151A	04/09/2006
Dalapon	<0.10	mg/kg	8151A	04/09/2006
Dicamba	<0.02	mg/kg	8151A	04/09/2006
Dichlorprop	<0.15	mg/kg	8151A	04/09/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/09/2006
MCPA	<20	mg/kg	8151A	04/09/2006
MCPP	<20	mg/kg	8151A	04/09/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/09/2006
Picloram	<0.02	mg/kg	8151A	04/09/2006
2 4 5-T	<0.01	mg/kg	8151A	04/09/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/25/2006
DCAA (Surrogate)	93	% [20-135]	8151A	04/09/2006
INORGANICS				
Oxidation-Reduction Potential	106.4@22.4	mV@degrees	2580B	04/13/2006
pH Saturated Paste	7.1	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<11	mg/kg	8082	04/13/2006
Aroclor 1221 dry basis	<11	mg/kg	8082	04/13/2006
Aroclor 1232 dry basis	<11	mg/kg	8082	04/13/2006
Aroclor 1242 dry basis	<11	mg/kg	8082	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-6 **Description:** B2-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aroclor 1248 dry basis	<11	mg/kg	8082	04/13/2006
Aroclor 1254 dry basis	65	mg/kg	8082	04/13/2006
Aroclor 1260 dry basis	<11	mg/kg	8082	04/13/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/13/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/13/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aldrin	<0.03	mg/kg	8081A	04/23/2006
A-BHC	<0.03	mg/kg	8081A	04/23/2006
B-BHC	<0.03	mg/kg	8081A	04/23/2006
D-BHC	<0.03	mg/kg	8081A	04/23/2006
Lindane (G-BHC)	<0.03	mg/kg	8081A	04/23/2006
A-Chlordane	<0.03	mg/kg	8081A	04/23/2006
G-Chlordane	<0.03	mg/kg	8081A	04/23/2006
4,4-DDD	<0.07	mg/kg	8081A	04/23/2006
4,4-DDE	<0.07	mg/kg	8081A	04/23/2006
4,4-DDT	<0.07	mg/kg	8081A	04/23/2006
Dieldrin	<0.07	mg/kg	8081A	04/23/2006
Endosulfan I	0.38 J+	mg/kg	8081A	04/23/2006
Endosulfan II	<0.07	mg/kg	8081A	04/23/2006
Endosulfan Sulfate	<0.07	mg/kg	8081A	04/23/2006
Endrin	<0.07	mg/kg	8081A	04/23/2006
Endrin Aldehyde	<0.07	mg/kg	8081A	04/23/2006
Heptachlor	0.041 J	mg/kg	8081A	04/23/2006
Heptachlor Epoxide	<0.03	mg/kg	8081A	04/23/2006
Methoxychlor	<0.33	mg/kg	8081A	04/23/2006
Toxaphene	<0.66	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	73	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	216 (6)	% [47-149]	8081A	04/23/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0413061017	—	8270C	04/13/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/13/2006
Acenaphthylene (SV)	<0.1	mg/kg	8270C	04/13/2006
Anthracene (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-6 **Description:** B2-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/13/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/13/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/13/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/13/2006
4-Bromophenyl phenyl ether (SV)	R	mg/kg	8270C	04/13/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/13/2006
Carbazole (SV)	R	mg/kg	8270C	04/13/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/13/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Chrysene (SV)	R	mg/kg	8270C	04/13/2006
Dibenzofuran (SV)	<0.1	mg/kg	8270C	04/13/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/13/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
4,6-Dinitro-2-methylphenol (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/13/2006
Di-n-Butylphthalate (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-6 **Description:** B2-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Diphenylamine (SV)	R	mg/kg	8270C	04/13/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobenzene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/13/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/13/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/13/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/13/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Methylphenol & 4-Methylphenol	<0.1	mg/kg	8270C	04/13/2006
Naphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/13/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/13/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/13/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/13/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/13/2006
Phenanthrene (SV)	R	mg/kg	8270C	04/13/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Pyrene (SV)	R	mg/kg	8270C	04/13/2006
Pyridine (SV)	<1	mg/kg	8270C	04/13/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Fluorophenol (Surrogate)	60	% [19-90]	8270C	04/13/2006
Phenol-d6 (Surrogate)	64	% [34-102]	8270C	04/13/2006
Nitrobenzene-d5 (Surrogate)	87	% [32-118]	8270C	04/13/2006
2-Fluorobiphenyl (Surrogate)	135 (3)	% [46-131]	8270C	04/13/2006
2,4,6-Tribromophenol (Surrogate)	95	% [13-142]	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY
Project No.: NONE GIVEN
Project Name: STIMSON POND

Sample No.: 2006030241-6 **Description:** B2-S-2 **Matrix:** SOIL
Date Received: 03/31/2006
Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Terphenyl-d14 (Surrogate)	28 (3)	% [40-144]	8270C	04/13/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0417061014	—	8270C	04/17/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/17/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/17/2006
Anthracene	<0.4	mg/kg	8270C	04/17/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/17/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/17/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/17/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/17/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/17/2006
Benzoic acid	<1	mg/kg	8270C	04/17/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/17/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/17/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/17/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/17/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/17/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/17/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/17/2006
Carbazole	<0.6	mg/kg	8270C	04/17/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/17/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/17/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/17/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/17/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/17/2006
Chrysene	<0.4	mg/kg	8270C	04/17/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/17/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/17/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/17/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/17/2006
Diethylphthalate	<1	mg/kg	8270C	04/17/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-6 **Description:** B2-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/17/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/17/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/17/2006
2,4-Dinitrophenol	<10	mg/kg	8270C	04/17/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/17/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/17/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/17/2006
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/17/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/17/2006
Fluoranthene	<0.4	mg/kg	8270C	04/17/2006
Fluorene	<0.6	mg/kg	8270C	04/17/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/17/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/17/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/17/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/17/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/17/2006
Isophorone	<0.4	mg/kg	8270C	04/17/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/17/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/17/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/17/2006
Naphthalene	<0.4	mg/kg	8270C	04/17/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/17/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/17/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/17/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/17/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/17/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/17/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/17/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/17/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/17/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/17/2006
Phenanthrene	<0.4	mg/kg	8270C	04/17/2006
Phenol	<0.4	mg/kg	8270C	04/17/2006
Pyrene	<0.4	mg/kg	8270C	04/17/2006
Pyridine	<10	mg/kg	8270C	04/17/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-6 **Description:** B2-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/17/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/17/2006
2-Fluorophenol (Surrogate)	50	% [19-90]	8270C	04/17/2006
Phenol-d6 (Surrogate)	56	% [34-102]	8270C	04/17/2006
Nitrobenzene-d5 (Surrogate)	77	% [32-118]	8270C	04/17/2006
2-Fluorobiphenyl (Surrogate)	99	% [46-131]	8270C	04/17/2006
2,4,6-Tribromophenol (Surrogate)	54	% [13-142]	8270C	04/17/2006
Terphenyl-d14 (Surrogate)	60	% [40-144]	8270C	04/17/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	6860	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	4110	mg/kg	6010B	04/10/2006
Potassium Dry Basis	1400	mg/kg	6010B	04/10/2006
Sodium Dry Basis	1430	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	8570	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	<10	mg/kg	6010B	04/08/2006
Barium Dry Basis	197	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	10	mg/kg	6010B	04/08/2006
Copper Dry Basis	44	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	7710	mg/kg	6010B	04/08/2006
Lead Dry Basis	16	mg/kg	6010B	04/08/2006
Manganese Dry Basis	168	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	15	mg/kg	6010B	04/08/2006
Zinc Dry Basis	116	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-6 **Description:** B2-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	—	7471B	04/07/2006
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061014	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/06/2006
Bromobenzene	<0.05	mg/kg	8260B	04/06/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromoform	<0.05	mg/kg	8260B	04/06/2006
Bromomethane	<0.05	mg/kg	8260B	04/06/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/06/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/06/2006
Chloroethane	<0.05	mg/kg	8260B	04/06/2006
Chloroform	<0.05	mg/kg	8260B	04/06/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/06/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/06/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/06/2006
Dibromomethane	<0.05	mg/kg	8260B	04/06/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-6 **Description:** B2-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/06/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/06/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/06/2006
Methylene chloride	<0.25	mg/kg	8260B	04/06/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/06/2006
Naphthalene	<0.05	mg/kg	8260B	04/06/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/06/2006
Styrene	<0.05	mg/kg	8260B	04/06/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/06/2006
Toluene	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
Trichloroethene	<0.05	mg/kg	8260B	04/06/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/06/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/06/2006
Total Xylenes	<0.15	mg/kg	8260B	04/06/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/06/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/06/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/06/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/06/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/06/2006
Acetone	<0.5	mg/kg	8260B	04/06/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-6 **Description:** B2-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
1,2-Dichloroethane-d4 (Surrogate)	65	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	95	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	92	% [76-120]	8260B	04/06/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	—	MDEP-VPH-98	04/03/2006
Moisture	71	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<33	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	0.06 J*	mg/kg	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	<0.17	mg/kg	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	<0.08	mg/kg	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	<0.83	mg/kg	MDEP-VPH-98	04/05/2006
Toluene dry basis	<0.17	mg/kg	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	<0.50	mg/kg	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<17	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<3	mg/kg	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	91	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	103	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	—	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-7 **Description:** B2-S-3 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061015	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/06/2006
Bromobenzene	<0.05	mg/kg	8260B	04/06/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromoform	<0.05	mg/kg	8260B	04/06/2006
Bromomethane	<0.05	mg/kg	8260B	04/06/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/06/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/06/2006
Chloroethane	<0.05	mg/kg	8260B	04/06/2006
Chloroform	<0.05	mg/kg	8260B	04/06/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/06/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/06/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/06/2006
Dibromomethane	<0.05	mg/kg	8260B	04/06/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-7 **Description:** B2-S-3 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/06/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/06/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/06/2006
Methylene chloride	<0.25	mg/kg	8260B	04/06/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/06/2006
Naphthalene	<0.05	mg/kg	8260B	04/06/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/06/2006
Styrene	<0.05	mg/kg	8260B	04/06/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/06/2006
Toluene	0.18	mg/kg	8260B	04/06/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
Trichloroethene	<0.05	mg/kg	8260B	04/06/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/06/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/06/2006
Total Xylenes	<0.15	mg/kg	8260B	04/06/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/06/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/06/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/06/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/06/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/06/2006
Acetone	<0.5	mg/kg	8260B	04/06/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/06/2006
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-7 **Description:** B2-S-3 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2-Dichloroethane-d4 (Surrogate)	72	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	95	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	94	% [76-120]	8260B	04/06/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	----	MDEP-VPH-98	04/03/2006
Moisture	56	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<23	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	<0.03	mg/kg	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	<0.11	mg/kg	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	<0.06	mg/kg	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	<0.57	mg/kg	MDEP-VPH-98	04/05/2006
Toluene dry basis	0.26**	mg/kg	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	<0.34	mg/kg	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<11	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<2	mg/kg	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	90	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	101	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	—	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-8 **Description:** COMPOSITE OF B2-S-3 AND B2-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH SCREEN IN SOIL				
Moisture	48	%	MDEP-98	04/07/2006
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	570	mg/kg	MDEP-EPH-98	04/05/2006
EPH Screen Surrogate Recovery	84	% [40-140]	MDEP-EPH-98	04/05/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/10/2006
2 4-DB	<0.10	mg/kg	8151A	04/10/2006
Dalapon	<0.10	mg/kg	8151A	04/10/2006
Dicamba	<0.02	mg/kg	8151A	04/10/2006
Dichlorprop	<0.15	mg/kg	8151A	04/10/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/10/2006
MCPA	<20	mg/kg	8151A	04/10/2006
MCPP	<20	mg/kg	8151A	04/10/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/10/2006
Picloram	<0.02	mg/kg	8151A	04/10/2006
2 4 5-T	<0.01	mg/kg	8151A	04/10/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/26/2006
DCAA (Surrogate)	98	% [20-135]	8151A	04/10/2006
INORGANICS				
Oxidation-Reduction Potential	101.6@23.1	mV@degrees	2580B	04/13/2006
pH Saturated Paste	6.6	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<6.3	mg/kg	8082	04/13/2006
Aroclor 1221 dry basis	<6.3	mg/kg	8082	04/13/2006
Aroclor 1232 dry basis	<6.3	mg/kg	8082	04/13/2006
Aroclor 1242 dry basis	<6.3	mg/kg	8082	04/13/2006
Aroclor 1248 dry basis	<6.3	mg/kg	8082	04/13/2006
Aroclor 1254 dry basis	36	mg/kg	8082	04/13/2006
Aroclor 1260 dry basis	<6.3	mg/kg	8082	04/13/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/13/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/13/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-8 **Description:** COMPOSITE OF B2-S-3 AND B2-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aldrin	<0.015	mg/kg	8081A	04/21/2006
A-BHC	<0.015	mg/kg	8081A	04/21/2006
B-BHC	<0.015	mg/kg	8081A	04/21/2006
D-BHC	<0.015	mg/kg	8081A	04/21/2006
Lindane (G-BHC)	<0.015	mg/kg	8081A	04/21/2006
A-Chlordane	<0.015	mg/kg	8081A	04/21/2006
G-Chlordane	<0.015	mg/kg	8081A	04/21/2006
4,4-DDD	<0.035	mg/kg	8081A	04/21/2006
4,4-DDE	<0.035	mg/kg	8081A	04/21/2006
4,4-DDT	<0.035	mg/kg	8081A	04/21/2006
Dieldrin	<0.035	mg/kg	8081A	04/21/2006
Endosulfan I	<0.015	mg/kg	8081A	04/21/2006
Endosulfan II	<0.035	mg/kg	8081A	04/21/2006
Endosulfan Sulfate	<0.035	mg/kg	8081A	04/21/2006
Endrin	0.33 J+	mg/kg	8081A	04/21/2006
Endrin Aldehyde	<0.035	mg/kg	8081A	04/21/2006
Heptachlor	<0.015	mg/kg	8081A	04/21/2006
Heptachlor Epoxide	<0.015	mg/kg	8081A	04/21/2006
Methoxychlor	<0.16	mg/kg	8081A	04/21/2006
Toxaphene	<0.33	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	83	% [11-117]	8081A	04/21/2006
DCB (Surrogate) 8081A Solids	95	% [47-149]	8081A	04/21/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0412061018	-----	8270C	04/13/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/13/2006
Acenaphthylene (SV)	<0.1	mg/kg	8270C	04/13/2006
Anthracene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/13/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/13/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-8 **Description:** COMPOSITE OF B2-S-3 AND B2-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/13/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/13/2006
4-Bromophenyl phenyl ether (SV)	R	mg/kg	8270C	04/13/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/13/2006
Carbazole (SV)	R	mg/kg	8270C	04/13/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/13/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Chrysene (SV)	R	mg/kg	8270C	04/13/2006
Dibenzofuran (SV)	<0.1	mg/kg	8270C	04/13/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/13/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
4,6-Dinitro-2-methylphenol (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/13/2006
Di-n-Butylphthalate (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/13/2006
Diphenylamine (SV)	R	mg/kg	8270C	04/13/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobenzene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/13/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-8 **Description:** COMPOSITE OF B2-S-3 AND B2-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/13/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/13/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Methylphenol & 4-Methylphenol	0.19 J	mg/kg	8270C	04/13/2006
Naphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/13/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/13/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/13/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/13/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/13/2006
Phenanthrene (SV)	R	mg/kg	8270C	04/13/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Pyrene (SV)	R	mg/kg	8270C	04/13/2006
Pyridine (SV)	<1	mg/kg	8270C	04/13/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Fluorophenol (Surrogate)	59	% [19-90]	8270C	04/13/2006
Phenol-d6 (Surrogate)	65	% [34-102]	8270C	04/13/2006
Nitrobenzene-d5 (Surrogate)	86	% [32-118]	8270C	04/13/2006
2-Fluorobiphenyl (Surrogate)	129	% [46-131]	8270C	04/13/2006
2,4,6-Tribromophenol (Surrogate)	103	% [13-142]	8270C	04/13/2006
Terphenyl-d14 (Surrogate)	29 (3)	% [40-144]	8270C	04/13/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0414061036	—	8270C	04/15/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/15/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-8 **Description:** COMPOSITE OF B2-S-3 AND B2-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Anthracene	<0.4	mg/kg	8270C	04/15/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/15/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/15/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/15/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/15/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/15/2006
Benzoic acid	<1	mg/kg	8270C	04/15/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/15/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/15/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/15/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/15/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/15/2006
Carbazole	<0.6	mg/kg	8270C	04/15/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/15/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/15/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/15/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/15/2006
Chrysene	<0.4	mg/kg	8270C	04/15/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/15/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/15/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/15/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/15/2006
Diethylphthalate	<1	mg/kg	8270C	04/15/2006
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/15/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/15/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/15/2006
2,4-Dinitrophenol	<10 UJ	mg/kg	8270C	04/15/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/15/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-8 **Description:** COMPOSITE OF B2-S-3 AND B2-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/15/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/15/2006
Fluoranthene	<0.4	mg/kg	8270C	04/15/2006
Fluorene	<0.6	mg/kg	8270C	04/15/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/15/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/15/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/15/2006
Isophorone	<0.4	mg/kg	8270C	04/15/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/15/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/15/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/15/2006
Naphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/15/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/15/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/15/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/15/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/15/2006
Phenanthrene	<0.4	mg/kg	8270C	04/15/2006
Phenol	<0.4	mg/kg	8270C	04/15/2006
Pyrene	<0.4	mg/kg	8270C	04/15/2006
Pyridine	<10	mg/kg	8270C	04/15/2006
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2-Fluorophenol (Surrogate)	63	% [19-90]	8270C	04/15/2006
Phenol-d6 (Surrogate)	73	% [34-102]	8270C	04/15/2006
Nitrobenzene-d5 (Surrogate)	75	% [32-118]	8270C	04/15/2006
2-Fluorobiphenyl (Surrogate)	108	% [46-131]	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-8 **Description:** COMPOSITE OF B2-S-3 AND B2-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4,6-Tribromophenol (Surrogate)	69	% [13-142]	8270C	04/15/2006
Terphenyl-d14 (Surrogate)	106	% [40-144]	8270C	04/15/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	5450	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	4590	mg/kg	6010B	04/10/2006
Potassium Dry Basis	1300	mg/kg	6010B	04/10/2006
Sodium Dry Basis	1130	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	8060	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	<10	mg/kg	6010B	04/08/2006
Barium Dry Basis	416	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	<2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	<10	mg/kg	6010B	04/08/2006
Copper Dry Basis	68	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	10,200	mg/kg	6010B	04/08/2006
Lead Dry Basis	14	mg/kg	6010B	04/08/2006
Manganese Dry Basis	90	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	32	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	15	mg/kg	6010B	04/08/2006
Zinc Dry Basis	54	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	—	7471B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-9 **Description:** COMPOSITE OF B2-S-1, B2-S-2, B2-S-3 AND B2-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
REACTIVITY				
Cyanide as HCN (Reactive)	<0.1	mg/kg	7.3	04/06/2006
Sulfide as H2S (Reactive)	<100	mg/kg	7.3	04/07/2006
TCLP HERBICIDES				
TCLP Herbicides Batch#/Extraction Date	6568	-----	1311	04/03/2006
Batch #/Extract Date - Method 8151A (Water)	2695	—	8151A	04/10/2006
2 4-D (TCLP)	<0.1	mg/l	8151A	04/12/2006
2 4 5-TP (TCLP)	<0.01	mg/l	8151A	04/12/2006
DCAA (Surrogate)	148	% [32-158]	8151A	04/12/2006
TCLP METALS				
TCLP Mercury Batch#/Digest Date	445	—	7470A	04/10/2006
TCLP ICP/AA Batch#/Digest Date	1028	—	3010A	04/06/2006
TCLP Metals Batch#/Extraction Date	6568	—	1311	04/03/2006
Arsenic as As (TCLP)	<0.5	mg/l	6010B	04/08/2006
Barium as Ba (TCLP)	2.1	mg/l	6010B	04/08/2006
Cadmium as Cd (TCLP)	<0.1	mg/l	6010B	04/08/2006
Chromium as Cr (TCLP)	<0.1	mg/l	6010B	04/08/2006
Lead as Pb (TCLP)	<0.5	mg/l	6010B	04/08/2006
Mercury as Hg (TCLP)	<0.001	mg/l	7470A	04/10/2006
Selenium as Se (TCLP)	<0.5	mg/l	6010B	04/08/2006
Silver as Ag (TCLP)	<0.2	mg/l	6010B	04/08/2006
TCLP PESTICIDES				
TCLP Pesticides Batch#/Extraction Date	6568	—	1311	04/03/2006
Batch #/Extraction Date - Method 3510C	2696	-----	3510C	04/10/2006
Chlordane	<0.01 UJ	mg/l	8081A	04/20/2006
Lindane (G-BHC)	<0.05	mg/l	8081A	04/20/2006
Endrin	<0.005	mg/l	8081A	04/20/2006
Heptachlor	<0.002	mg/l	8081A	04/20/2006
Heptachlor Epoxide	<0.002	mg/l	8081A	04/20/2006
Methoxychlor	<0.5	mg/l	8081A	04/20/2006
Toxaphene	<0.1	mg/l	8081A	04/20/2006
TCMX (Surrogate) TCLP	76	% [12-125]	8081A	04/20/2006
DCB (Surrogate) TCLP	80	% [10-145]	8081A	04/20/2006
TCLP SEMIVOLATILE ORGANICS				
TCLP SVOCs Batch#/Extraction Date	6568	—	1311	04/03/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-9 **Description:** COMPOSITE OF B2-S-1, B2-S-2, B2-S-3 AND B2-S-4 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Extraction Date-TCLP SVOCs by 8270	4618	—	3510C	04/04/2006
Total Cresol (TCLP)	<0.08	mg/l	8270C	04/11/2006
1,4-Dichlorobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
2,4-Dinitrotoluene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachlorobutadiene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachlorobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachloroethane (TCLP)	<0.04	mg/l	8270C	04/11/2006
Nitrobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Pyridine (TCLP)	<0.2	mg/l	8270C	04/11/2006
Pentachlorophenol (TCLP)	<0.2	mg/l	8270C	04/11/2006
2,4,5-Trichlorophenol (TCLP)	<0.04	mg/l	8270C	04/11/2006
2,4,6-Trichlorophenol (TCLP)	<0.04	mg/l	8270C	04/11/2006
2-Fluorophenol (TCLP Surrogate)	36	% [10-79]	8270C	04/11/2006
Phenol-d6 (TCLP Surrogate)	29	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (TCLP Surrogate)	77	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (TCLP Surrogate)	101	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (TCLP Surrogate)	63	% [30-141]	8270C	04/11/2006
Terphenyl-d14 (TCLP Surrogate)	87	% [33-138]	8270C	04/11/2006
TCLP VOLATILE ORGANICS				
TCLP VOCs Batch#/Extraction Date	6568	—	1311	04/03/2006
Benzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Carbon Tetrachloride (TCLP)	<0.005	mg/l	8260B	04/07/2006
Chlorobenzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Chloroform (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,4-Dichlorobenzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,2-Dichloroethane (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,1-Dichloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Methyl Ethyl Ketone (TCLP)	<0.1	mg/l	8260B	04/07/2006
Tetrachloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Trichloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Vinyl chloride (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	90	% [72-122]	8260B	04/07/2006
Toluene-d8 (Surrogate)	97	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	92	% [86-114]	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-10 **Description:** B3-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS IN SOIL				
C9-C18 Aliphatics, dry basis	<190	mg/kg	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	1200	mg/kg	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	190	mg/kg	MDEP-EPH-98	04/17/2006
Aliphatic Surrogate Recovery	77	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	73	% [40-140]	MDEP-EPH-98	04/17/2006
Fractionation Surrogate Recovery (FBP)	88	% [40-140]	MDEP-EPH-98	04/17/2006
Fractionation Surrogate Recovery (BN)	87	% [40-140]	MDEP-EPH-98	04/17/2006
EPH SCREEN IN SOIL				
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	2100	mg/kg	MDEP-EPH-98	04/05/2006
EPH Screen Surrogate Recovery	91	% [40-140]	MDEP-EPH-98	04/05/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/10/2006
2 4-DB	<0.10	mg/kg	8151A	04/10/2006
Dalapon	<0.10	mg/kg	8151A	04/10/2006
Dicamba	<0.02	mg/kg	8151A	04/10/2006
Dichlorprop	<0.15	mg/kg	8151A	04/10/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/10/2006
MCPA	<20	mg/kg	8151A	04/10/2006
MCPP	<20	mg/kg	8151A	04/10/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/10/2006
Picloram	<0.02	mg/kg	8151A	04/10/2006
2 4 5-T	<0.01	mg/kg	8151A	04/10/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/26/2006
DCAA (Surrogate)	91	% [20-135]	8151A	04/10/2006
INORGANICS				
Oxidation-Reduction Potential	95.7@22.6	mV@degrees	2580B	04/13/2006
pH Saturated Paste	7.1	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<2.5	mg/kg	8082	04/13/2006
Aroclor 1221 dry basis	<2.5	mg/kg	8082	04/13/2006
Aroclor 1232 dry basis	<2.5	mg/kg	8082	04/13/2006
Aroclor 1242 dry basis	<2.5	mg/kg	8082	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-10 **Description:** B3-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aroclor 1248 dry basis	<2.5	mg/kg	8082	04/13/2006
Aroclor 1254 dry basis	9.6	mg/kg	8082	04/13/2006
Aroclor 1260 dry basis	<2.5	mg/kg	8082	04/13/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/13/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/13/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aldrin	<0.03	mg/kg	8081A	04/23/2006
A-BHC	<0.03	mg/kg	8081A	04/23/2006
B-BHC	<0.03	mg/kg	8081A	04/23/2006
D-BHC	<0.03	mg/kg	8081A	04/23/2006
Lindane (G-BHC)	<0.03	mg/kg	8081A	04/23/2006
A-Chlordane	<0.03	mg/kg	8081A	04/23/2006
G-Chlordane	<0.03	mg/kg	8081A	04/23/2006
4,4-DDD	<0.07	mg/kg	8081A	04/23/2006
4,4-DDE	<0.07	mg/kg	8081A	04/23/2006
4,4-DDT	<0.07	mg/kg	8081A	04/23/2006
Dieldrin	<0.07 UJ	mg/kg	8081A	04/23/2006
Endosulfan I	0.06 +	mg/kg	8081A	04/23/2006
Endosulfan II	<0.07	mg/kg	8081A	04/23/2006
Endosulfan Sulfate	<0.07	mg/kg	8081A	04/23/2006
Endrin	<0.07	mg/kg	8081A	04/23/2006
Endrin Aldehyde	<0.07	mg/kg	8081A	04/23/2006
Heptachlor	<0.03	mg/kg	8081A	04/23/2006
Heptachlor Epoxide	<0.03	mg/kg	8081A	04/23/2006
Methoxychlor	<0.33	mg/kg	8081A	04/23/2006
Toxaphene	<0.66	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	88	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	135	% [47-149]	8081A	04/23/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0413061014	—	8270C	04/13/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/13/2006
Acenaphthylene (SV)	<0.1	mg/kg	8270C	04/13/2006
Anthracene (SV)	<0.1	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-10 **Description:** B3-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/13/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/13/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/13/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/13/2006
4-Bromophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/13/2006
Carbazole (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/13/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Chrysene (SV)	R	mg/kg	8270C	04/13/2006
Dibenzofuran (SV)	<0.1	mg/kg	8270C	04/13/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/13/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
4,6-Dinitro-2-methylphenol (SV)	<0.2	mg/kg	8270C	04/13/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/13/2006
Di-n-Butylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-10 **Description:** B3-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Diphenylamine (SV)	<0.1	mg/kg	8270C	04/13/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluoranthene (SV)	<0.1	mg/kg	8270C	04/13/2006
Hexachlorobenzene (SV)	<0.2	mg/kg	8270C	04/13/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/13/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/13/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/13/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/13/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Methylphenol & 4-Methylphenol	<0.1	mg/kg	8270C	04/13/2006
Naphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/13/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/13/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/13/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/13/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/13/2006
Phenanthrene (SV)	<0.1	mg/kg	8270C	04/13/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Pyrene (SV)	<0.1 UJ	mg/kg	8270C	04/13/2006
Pyridine (SV)	<1	mg/kg	8270C	04/13/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Fluorophenol (Surrogate)	46	% [19-90]	8270C	04/13/2006
Phenol-d6 (Surrogate)	60	% [34-102]	8270C	04/13/2006
Nitrobenzene-d5 (Surrogate)	66	% [32-118]	8270C	04/13/2006
2-Fluorobiphenyl (Surrogate)	101	% [46-131]	8270C	04/13/2006
2,4,6-Tribromophenol (Surrogate)	96	% [13-142]	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-10 **Description:** B3-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Terphenyl-d14 (Surrogate)	34 (3)	% [40-144]	8270C	04/13/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0414061043	—	8270C	04/15/2006
Batch #/Extract Date - EPA 8270	4620	-----	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/15/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/15/2006
Anthracene	<0.4	mg/kg	8270C	04/15/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/15/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/15/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/15/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/15/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/15/2006
Benzoic acid	<1	mg/kg	8270C	04/15/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/15/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/15/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/15/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/15/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/15/2006
Carbazole	<0.6	mg/kg	8270C	04/15/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/15/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/15/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/15/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/15/2006
Chrysene	<0.4	mg/kg	8270C	04/15/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/15/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/15/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/15/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/15/2006
Diethylphthalate	<1	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-10 **Description:** B3-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/15/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/15/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/15/2006
2,4-Dinitrophenol	<10 UJ	mg/kg	8270C	04/15/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/15/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/15/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/15/2006
Fluoranthene	<0.4	mg/kg	8270C	04/15/2006
Fluorene	<0.6	mg/kg	8270C	04/15/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/15/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/15/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/15/2006
Isophorone	<0.4	mg/kg	8270C	04/15/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/15/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/15/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/15/2006
Naphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/15/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/15/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/15/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/15/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/15/2006
Phenanthrene	<0.4	mg/kg	8270C	04/15/2006
Phenol	<0.4	mg/kg	8270C	04/15/2006
Pyrene	<0.4	mg/kg	8270C	04/15/2006
Pyridine	<10	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-10 **Description:** B3-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2-Fluorophenol (Surrogate)	45	% [19-90]	8270C	04/15/2006
Phenol-d6 (Surrogate)	62	% [34-102]	8270C	04/15/2006
Nitrobenzene-d5 (Surrogate)	69	% [32-118]	8270C	04/15/2006
2-Fluorobiphenyl (Surrogate)	99	% [46-131]	8270C	04/15/2006
2,4,6-Tribromophenol (Surrogate)	70	% [13-142]	8270C	04/15/2006
Terphenyl-d14 (Surrogate)	126	% [40-144]	8270C	04/15/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	49,300	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	4740	mg/kg	6010B	04/10/2006
Potassium Dry Basis	950	mg/kg	6010B	04/10/2006
Sodium Dry Basis	2410	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	5560	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	26	mg/kg	6010B	04/08/2006
Barium Dry Basis	620	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	<2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	<10	mg/kg	6010B	04/08/2006
Copper Dry Basis	82	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	6700	mg/kg	6010B	04/08/2006
Lead Dry Basis	18	mg/kg	6010B	04/08/2006
Manganese Dry Basis	918	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	14	mg/kg	6010B	04/08/2006
Zinc Dry Basis	242	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-10 **Description:** B3-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	—	7471B	04/07/2006
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061016	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/06/2006
Bromobenzene	<0.05	mg/kg	8260B	04/06/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromoform	<0.05	mg/kg	8260B	04/06/2006
Bromomethane	<0.05	mg/kg	8260B	04/06/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/06/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/06/2006
Chloroethane	<0.05	mg/kg	8260B	04/06/2006
Chloroform	<0.05	mg/kg	8260B	04/06/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/06/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/06/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/06/2006
Dibromomethane	<0.05	mg/kg	8260B	04/06/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-10 **Description:** B3-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/06/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/06/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/06/2006
Methylene chloride	<0.25	mg/kg	8260B	04/06/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/06/2006
Naphthalene	<0.05	mg/kg	8260B	04/06/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/06/2006
Styrene	<0.05	mg/kg	8260B	04/06/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/06/2006
Toluene	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
Trichloroethene	<0.05	mg/kg	8260B	04/06/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/06/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/06/2006
Total Xylenes	<0.15	mg/kg	8260B	04/06/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/06/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/06/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/06/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/06/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/06/2006
Acetone	<0.5	mg/kg	8260B	04/06/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-10 **Description:** B3-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
1,2-Dichloroethane-d4 (Surrogate)	88	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	89	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	77	% [76-120]	8260B	04/06/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	----	----	MDEP-VPH-98	04/03/2006
Moisture	74	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<38	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	<0.03	mg/kg	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	<0.19	mg/kg	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	<0.10	mg/kg	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	<1	mg/kg	MDEP-VPH-98	04/05/2006
Toluene dry basis	<0.19	mg/kg	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	<0.58	mg/kg	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<19	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<4	mg/kg	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	85	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	96	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	----	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	----	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-11 **Description:** B3-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS IN SOIL				
C9-C18 Aliphatics, dry basis	<210	mg/kg	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	2300	mg/kg	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	340	mg/kg	MDEP-EPH-98	04/15/2006
Aliphatic Surrogate Recovery	90	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	92	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (FBP)	111	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (BN)	111	% [40-140]	MDEP-EPH-98	04/15/2006
EPH SCREEN IN SOIL				
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	3900	mg/kg	MDEP-EPH-98	04/05/2006
EPH Screen Surrogate Recovery	111	% [40-140]	MDEP-EPH-98	04/05/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	-----	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/10/2006
2 4-DB	<0.10	mg/kg	8151A	04/10/2006
Dalapon	<0.10	mg/kg	8151A	04/10/2006
Dicamba	<0.02	mg/kg	8151A	04/10/2006
Dichlorprop	<0.15	mg/kg	8151A	04/10/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/10/2006
MCPA	<20	mg/kg	8151A	04/10/2006
MCPP	<20	mg/kg	8151A	04/10/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/10/2006
Picloram	<0.02	mg/kg	8151A	04/10/2006
2 4 5-T	<0.01	mg/kg	8151A	04/10/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/26/2006
DCAA (Surrogate)	85	% [20-135]	8151A	04/10/2006
INORGANICS				
Oxidation-Reduction Potential	117.8@23.6	mV@degrees	2580B	04/13/2006
pH Saturated Paste	7.0	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<2.7	mg/kg	8082	04/13/2006
Aroclor 1221 dry basis	<2.7	mg/kg	8082	04/13/2006
Aroclor 1232 dry basis	<2.7	mg/kg	8082	04/13/2006
Aroclor 1242 dry basis	<2.7	mg/kg	8082	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-11 **Description:** B3-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aroclor 1248 dry basis	<2.7	mg/kg	8082	04/13/2006
Aroclor 1254 dry basis	10	mg/kg	8082	04/13/2006
Aroclor 1260 dry basis	<2.7	mg/kg	8082	04/13/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/13/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/13/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aldrin	<0.015	mg/kg	8081A	04/21/2006
A-BHC	<0.015	mg/kg	8081A	04/21/2006
B-BHC	<0.015	mg/kg	8081A	04/21/2006
D-BHC	<0.015	mg/kg	8081A	04/21/2006
Lindane (G-BHC)	<0.015	mg/kg	8081A	04/21/2006
A-Chlordane	<0.015	mg/kg	8081A	04/21/2006
G-Chlordane	<0.015	mg/kg	8081A	04/21/2006
4,4-DDD	<0.034	mg/kg	8081A	04/21/2006
4,4-DDE	<0.034	mg/kg	8081A	04/21/2006
4,4-DDT	<0.034	mg/kg	8081A	04/21/2006
Dieldrin	<0.034	mg/kg	8081A	04/21/2006
Endosulfan I	<0.015	mg/kg	8081A	04/21/2006
Endosulfan II	<0.034	mg/kg	8081A	04/21/2006
Endosulfan Sulfate	<0.034	mg/kg	8081A	04/21/2006
Endrin	<0.034	mg/kg	8081A	04/21/2006
Endrin Aldehyde	<0.034	mg/kg	8081A	04/21/2006
Heptachlor	<0.015	mg/kg	8081A	04/21/2006
Heptachlor Epoxide	<0.015	mg/kg	8081A	04/21/2006
Methoxychlor	<0.16	mg/kg	8081A	04/21/2006
Toxaphene	<0.32	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	70	% [11-117]	8081A	04/21/2006
DCB (Surrogate) 8081A Solids	106	% [47-149]	8081A	04/21/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0413061019	—	8270C	04/13/2006
Batch #/Extract Date - EPA 8270	4620	-----	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/13/2006
Acenaphthylene (SV)	<0.1	mg/kg	8270C	04/13/2006
Anthracene (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-11 **Description:** B3-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/13/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/13/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/13/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/13/2006
4-Bromophenyl phenyl ether (SV)	R	mg/kg	8270C	04/13/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/13/2006
Carbazole (SV)	R	mg/kg	8270C	04/13/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/13/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Chrysene (SV)	R	mg/kg	8270C	04/13/2006
Dibenzofuran (SV)	<0.1	mg/kg	8270C	04/13/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/13/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
4,6-Dinitro-2-methylphenol (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/13/2006
Di-n-Butylphthalate (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-11 **Description:** B3-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Diphenylamine (SV)	R	mg/kg	8270C	04/13/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobenzene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/13/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/13/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/13/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/13/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Methylphenol & 4-Methylphenol	<0.1	mg/kg	8270C	04/13/2006
Naphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/13/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/13/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/13/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/13/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/13/2006
Phenanthrene (SV)	R	mg/kg	8270C	04/13/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Pyrene (SV)	R	mg/kg	8270C	04/13/2006
Pyridine (SV)	<1	mg/kg	8270C	04/13/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Fluorophenol (Surrogate)	69	% [19-90]	8270C	04/13/2006
Phenol-d6 (Surrogate)	74	% [34-102]	8270C	04/13/2006
Nitrobenzene-d5 (Surrogate)	91	% [32-118]	8270C	04/13/2006
2-Fluorobiphenyl (Surrogate)	125	% [46-131]	8270C	04/13/2006
2,4,6-Tribromophenol (Surrogate)	72	% [13-142]	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-11 **Description:** B3-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Terphenyl-d14 (Surrogate)	27 (3)	% [40-144]	8270C	04/13/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0417061016	—	8270C	04/17/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/17/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/17/2006
Anthracene	<0.4	mg/kg	8270C	04/17/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/17/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/17/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/17/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/17/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/17/2006
Benzoic acid	<1	mg/kg	8270C	04/17/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/17/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/17/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/17/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/17/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/17/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/17/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/17/2006
Carbazole	<0.6	mg/kg	8270C	04/17/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/17/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/17/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/17/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/17/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/17/2006
Chrysene	<0.4	mg/kg	8270C	04/17/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/17/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/17/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/17/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/17/2006
Diethylphthalate	<1	mg/kg	8270C	04/17/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-11 **Description:** B3-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/17/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/17/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/17/2006
2,4-Dinitrophenol	<10	mg/kg	8270C	04/17/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/17/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/17/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/17/2006
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/17/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/17/2006
Fluoranthene	<0.4	mg/kg	8270C	04/17/2006
Fluorene	<0.6	mg/kg	8270C	04/17/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/17/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/17/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/17/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/17/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/17/2006
Isophorone	<0.4	mg/kg	8270C	04/17/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/17/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/17/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/17/2006
Naphthalene	<0.4	mg/kg	8270C	04/17/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/17/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/17/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/17/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/17/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/17/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/17/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/17/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/17/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/17/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/17/2006
Phenanthrene	<0.4	mg/kg	8270C	04/17/2006
Phenol	<0.4	mg/kg	8270C	04/17/2006
Pyrene	<0.4	mg/kg	8270C	04/17/2006
Pyridine	<10	mg/kg	8270C	04/17/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-11 **Description:** B3-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/17/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/17/2006
2-Fluorophenol (Surrogate)	72	% [19-90]	8270C	04/17/2006
Phenol-d6 (Surrogate)	75	% [34-102]	8270C	04/17/2006
Nitrobenzene-d5 (Surrogate)	98	% [32-118]	8270C	04/17/2006
2-Fluorobiphenyl (Surrogate)	129	% [46-131]	8270C	04/17/2006
2,4,6-Tribromophenol (Surrogate)	75	% [13-142]	8270C	04/17/2006
Terphenyl-d14 (Surrogate)	89	% [40-144]	8270C	04/17/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	9060	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	2520	mg/kg	6010B	04/10/2006
Potassium Dry Basis	710	mg/kg	6010B	04/10/2006
Sodium Dry Basis	2300	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	4160	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	<10	mg/kg	6010B	04/08/2006
Barium Dry Basis	188	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	<2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	<10	mg/kg	6010B	04/08/2006
Copper Dry Basis	54	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	5350	mg/kg	6010B	04/08/2006
Lead Dry Basis	15	mg/kg	6010B	04/08/2006
Manganese Dry Basis	295	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	<10	mg/kg	6010B	04/08/2006
Zinc Dry Basis	122	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-11 **Description:** B3-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
ICPMS Batch#/Digest Date	NA	-----	—	
Mercury Batch #/Digest Date	443	—	7471B	04/07/2006
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061017	-----	8260B	
Benzene	<0.05	mg/kg	8260B	04/06/2006
Bromobenzene	<0.05	mg/kg	8260B	04/06/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromoform	<0.05	mg/kg	8260B	04/06/2006
Bromomethane	<0.05	mg/kg	8260B	04/06/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/06/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/06/2006
Chloroethane	<0.05	mg/kg	8260B	04/06/2006
Chloroform	<0.05	mg/kg	8260B	04/06/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/06/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/06/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/06/2006
Dibromomethane	<0.05	mg/kg	8260B	04/06/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-11 **Description:** B3-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/06/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/06/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/06/2006
Methylene chloride	<0.25	mg/kg	8260B	04/06/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/06/2006
Naphthalene	<0.05	mg/kg	8260B	04/06/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/06/2006
Styrene	<0.05	mg/kg	8260B	04/06/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/06/2006
Toluene	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
Trichloroethene	<0.05	mg/kg	8260B	04/06/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/06/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/06/2006
Total Xylenes	<0.15	mg/kg	8260B	04/06/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/06/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/06/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/06/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/06/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/06/2006
Acetone	0.70	mg/kg	8260B	04/06/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-11 **Description:** B3-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
1,2-Dichloroethane-d4 (Surrogate)	106	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	96	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	81	% [76-120]	8260B	04/06/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	—	MDEP-VPH-98	04/03/2006
Moisture	76	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<42	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	<0.04	mg/kg	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	<0.21	mg/kg	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	<0.10	mg/kg	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	<1	mg/kg	MDEP-VPH-98	04/05/2006
Toluene dry basis	<0.21	mg/kg	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	<0.63	mg/kg	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<21	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<4	mg/kg	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	82	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	94	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	-----	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-12 **Description:** COMPOSITE OF B3-S-4 AND B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH SCREEN IN SOIL				
Moisture	74	%	MDEP-98	04/07/2006
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	1500	mg/kg	MDEP-EPH-98	04/05/2006
EPH Screen Surrogate Recovery	76	% [40-140]	MDEP-EPH-98	04/05/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/10/2006
2 4-DB	<0.10	mg/kg	8151A	04/10/2006
Dalapon	<0.10	mg/kg	8151A	04/10/2006
Dicamba	<0.02	mg/kg	8151A	04/10/2006
Dichlorprop	<0.15	mg/kg	8151A	04/10/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/10/2006
MCPA	<20	mg/kg	8151A	04/10/2006
MCPP	<20	mg/kg	8151A	04/10/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/10/2006
Picloram	<0.02	mg/kg	8151A	04/10/2006
2 4 5-T	<0.01	mg/kg	8151A	04/10/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/26/2006
DCAA (Surrogate)	89	% [20-135]	8151A	04/10/2006
INORGANICS				
Oxidation-Reduction Potential	138.0@23.6	mV@degrees	2580B	04/13/2006
pH Saturated Paste	6.5	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<5.0	mg/kg	8082	04/14/2006
Aroclor 1221 dry basis	<5.0	mg/kg	8082	04/14/2006
Aroclor 1232 dry basis	<5.0	mg/kg	8082	04/14/2006
Aroclor 1242 dry basis	<5.0	mg/kg	8082	04/14/2006
Aroclor 1248 dry basis	<5.0	mg/kg	8082	04/14/2006
Aroclor 1254 dry basis	33	mg/kg	8082	04/14/2006
Aroclor 1260 dry basis	<5.0	mg/kg	8082	04/14/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/14/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/14/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-12 **Description:** COMPOSITE OF B3-S-4 AND B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aldrin	<0.015	mg/kg	8081A	04/21/2006
A-BHC	<0.015	mg/kg	8081A	04/21/2006
B-BHC	<0.015	mg/kg	8081A	04/21/2006
D-BHC	<0.015	mg/kg	8081A	04/21/2006
Lindane (G-BHC)	<0.015	mg/kg	8081A	04/21/2006
A-Chlordane	<0.015	mg/kg	8081A	04/21/2006
G-Chlordane	<0.015	mg/kg	8081A	04/21/2006
4,4-DDD	0.036 J+	mg/kg	8081A	04/21/2006
4,4-DDE	<0.034	mg/kg	8081A	04/21/2006
4,4-DDT	<0.034	mg/kg	8081A	04/21/2006
Dieldrin	<0.034	mg/kg	8081A	04/21/2006
Endosulfan I	<0.015	mg/kg	8081A	04/23/2006
Endosulfan II	<0.034	mg/kg	8081A	04/23/2006
Endosulfan Sulfate	<0.034	mg/kg	8081A	04/21/2006
Endrin	0.18 J+	mg/kg	8081A	04/21/2006
Endrin Aldehyde	<0.034	mg/kg	8081A	04/21/2006
Heptachlor	<0.015	mg/kg	8081A	04/21/2006
Heptachlor Epoxide	<0.015	mg/kg	8081A	04/21/2006
Methoxychlor	<0.16	mg/kg	8081A	04/21/2006
Toxaphene	<0.32	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	91	% [11-117]	8081A	04/21/2006
DCB (Surrogate) 8081A Solids	101	% [47-149]	8081A	04/21/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0413061020	—	8270C	04/13/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/13/2006
Acenaphthylene (SV)	<0.1	mg/kg	8270C	04/13/2006
Anthracene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/13/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/13/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-12 **Description:** COMPOSITE OF B3-S-4 AND B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/13/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/13/2006
4-Bromophenyl phenyl ether (SV)	R	mg/kg	8270C	04/13/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/13/2006
Carbazole (SV)	R	mg/kg	8270C	04/13/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/13/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Chrysene (SV)	R	mg/kg	8270C	04/13/2006
Dibenzofuran (SV)	<0.1	mg/kg	8270C	04/13/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/13/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
4,6-Dinitro-2-methylphenol (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/13/2006
Di-n-Butylphthalate (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/13/2006
Diphenylamine (SV)	R	mg/kg	8270C	04/13/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobenzene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/13/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-12 **Description:** COMPOSITE OF B3-S-4 AND B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/13/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/13/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Methylphenol & 4-Methylphenol	<0.1	mg/kg	8270C	04/13/2006
Naphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/13/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/13/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/13/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/13/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/13/2006
Phenanthrene (SV)	R	mg/kg	8270C	04/13/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Pyrene (SV)	R	mg/kg	8270C	04/13/2006
Pyridine (SV)	<1	mg/kg	8270C	04/13/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Fluorophenol (Surrogate)	72	% [19-90]	8270C	04/13/2006
Phenol-d6 (Surrogate)	77	% [34-102]	8270C	04/13/2006
Nitrobenzene-d5 (Surrogate)	86	% [32-118]	8270C	04/13/2006
2-Fluorobiphenyl (Surrogate)	132 (3)	% [46-131]	8270C	04/13/2006
2,4,6-Tribromophenol (Surrogate)	87	% [13-142]	8270C	04/13/2006
Terphenyl-d14 (Surrogate)	29 (3)	% [40-144]	8270C	04/13/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0414061040	—	8270C	04/15/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/15/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-12 **Description:** COMPOSITE OF B3-S-4 AND B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Anthracene	<0.4	mg/kg	8270C	04/15/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/15/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/15/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/15/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/15/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/15/2006
Benzoic acid	<1	mg/kg	8270C	04/15/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/15/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/15/2006
Bis(2-ethylhexyl)phthalate	12	mg/kg	8270C	04/15/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/15/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/15/2006
Carbazole	<0.6	mg/kg	8270C	04/15/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/15/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/15/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/15/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/15/2006
Chrysene	<0.4	mg/kg	8270C	04/15/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/15/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/15/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/15/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/15/2006
Diethylphthalate	<1	mg/kg	8270C	04/15/2006
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/15/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/15/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/15/2006
2,4-Dinitrophenol	<10 UJ	mg/kg	8270C	04/15/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/15/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-12 **Description:** COMPOSITE OF B3-S-4 AND B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/15/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/15/2006
Fluoranthene	<0.4	mg/kg	8270C	04/15/2006
Fluorene	<0.6	mg/kg	8270C	04/15/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/15/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/15/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/15/2006
Isophorone	<0.4	mg/kg	8270C	04/15/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/15/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/15/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/15/2006
Naphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/15/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/15/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/15/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/15/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/15/2006
Phenanthrene	<0.4	mg/kg	8270C	04/15/2006
Phenol	<0.4	mg/kg	8270C	04/15/2006
Pyrene	<0.4	mg/kg	8270C	04/15/2006
Pyridine	<10	mg/kg	8270C	04/15/2006
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2-Fluorophenol (Surrogate)	73	% [19-90]	8270C	04/15/2006
Phenol-d6 (Surrogate)	77	% [34-102]	8270C	04/15/2006
Nitrobenzene-d5 (Surrogate)	83	% [32-118]	8270C	04/15/2006
2-Fluorobiphenyl (Surrogate)	116	% [46-131]	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-12 **Description:** COMPOSITE OF B3-S-4 AND B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4,6-Tribromophenol (Surrogate)	72	% [13-142]	8270C	04/15/2006
Terphenyl-d14 (Surrogate)	132	% [40-144]	8270C	04/15/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	6060	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	2430	mg/kg	6010B	04/10/2006
Potassium Dry Basis	700	mg/kg	6010B	04/10/2006
Sodium Dry Basis	1710	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	3940	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	<10	mg/kg	6010B	04/08/2006
Barium Dry Basis	145	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	<2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	<10	mg/kg	6010B	04/08/2006
Copper Dry Basis	20	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	4530	mg/kg	6010B	04/08/2006
Lead Dry Basis	<10	mg/kg	6010B	04/08/2006
Manganese Dry Basis	99	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	<10	mg/kg	6010B	04/08/2006
Zinc Dry Basis	54	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	-----	7471B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-13 **Description:** B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061018	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/06/2006
Bromobenzene	<0.05	mg/kg	8260B	04/06/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromoform	<0.05	mg/kg	8260B	04/06/2006
Bromomethane	<0.05	mg/kg	8260B	04/06/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/06/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/06/2006
Chloroethane	<0.05	mg/kg	8260B	04/06/2006
Chloroform	<0.05	mg/kg	8260B	04/06/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/06/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/06/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/06/2006
Dibromomethane	<0.05	mg/kg	8260B	04/06/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-13 **Description:** B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/06/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/06/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/06/2006
Methylene chloride	<0.25	mg/kg	8260B	04/06/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/06/2006
Naphthalene	<0.05	mg/kg	8260B	04/06/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/06/2006
Styrene	<0.05	mg/kg	8260B	04/06/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/06/2006
Toluene	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
Trichloroethene	<0.05	mg/kg	8260B	04/06/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/06/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/06/2006
Total Xylenes	<0.15	mg/kg	8260B	04/06/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/06/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/06/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/06/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/06/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/06/2006
Acetone	<0.5	mg/kg	8260B	04/06/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/06/2006
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-13 **Description:** B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2-Dichloroethane-d4 (Surrogate)	88	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	95	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	83	% [76-120]	8260B	04/06/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	—	MDEP-VPH-98	04/03/2006
Moisture	77	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<43	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	0.15*	mg/kg	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	<0.22	mg/kg	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	<0.11	mg/kg	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	<1	mg/kg	MDEP-VPH-98	04/05/2006
Toluene dry basis	<0.22	mg/kg	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	<0.65	mg/kg	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<22	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<4	mg/kg	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	86	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	96	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	-----	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-14 **Description:** COMPOSITE OF B3-S-1, B3-S-2, B3-S-3, B2-S-4 AND B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
REACTIVITY				
Cyanide as HCN (Reactive)	<0.1	mg/kg	7.3	04/06/2006
Sulfide as H2S (Reactive)	<100	mg/kg	7.3	04/07/2006
TCLP HERBICIDES				
TCLP Herbicides Batch#/Extraction Date	6568	—	1311	04/04/2006
Batch #/Extract Date - Method 8151A (Water)	2695	-----	8151A	04/10/2006
2 4-D (TCLP)	<0.1	mg/l	8151A	04/12/2006
2 4 5-TP (TCLP)	<0.01	mg/l	8151A	04/12/2006
DCAA (Surrogate)	73	% [32-158]	8151A	04/12/2006
TCLP METALS				
TCLP Mercury Batch#/Digest Date	445	-----	7470A	04/10/2006
TCLP ICP/AA Batch#/Digest Date	1028	—	3010A	04/06/2006
TCLP Metals Batch#/Extraction Date	6568	—	1311	04/04/2006
Arsenic as As (TCLP)	<0.5	mg/l	6010B	04/08/2006
Barium as Ba (TCLP)	2.0	mg/l	6010B	04/08/2006
Cadmium as Cd (TCLP)	<0.1	mg/l	6010B	04/08/2006
Chromium as Cr (TCLP)	<0.1	mg/l	6010B	04/08/2006
Lead as Pb (TCLP)	<0.5	mg/l	6010B	04/08/2006
Mercury as Hg (TCLP)	<0.001	mg/l	7470A	04/10/2006
Selenium as Se (TCLP)	<0.5	mg/l	6010B	04/08/2006
Silver as Ag (TCLP)	<0.2	mg/l	6010B	04/08/2006
TCLP PESTICIDES				
TCLP Pesticides Batch#/Extraction Date	6568	—	1311	04/04/2006
Batch #/Extraction Date - Method 3510C	2696	—	3510C	04/10/2006
Chlordane	<0.01 UJ	mg/l	8081A	04/20/2006
Lindane (G-BHC)	<0.05	mg/l	8081A	04/20/2006
Endrin	<0.005	mg/l	8081A	04/20/2006
Heptachlor	<0.002	mg/l	8081A	04/20/2006
Heptachlor Epoxide	<0.002	mg/l	8081A	04/20/2006
Methoxychlor	<0.5	mg/l	8081A	04/20/2006
Toxaphene	<0.1	mg/l	8081A	04/20/2006
TCMX (Surrogate) TCLP	79	% [12-125]	8081A	04/20/2006
DCB (Surrogate) TCLP	84	% [10-145]	8081A	04/20/2006
TCLP SEMIVOLATILE ORGANICS				
TCLP SVOCs Batch#/Extraction Date	6568	—	1311	04/04/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-14 **Description:** COMPOSITE OF B3-S-1, B3-S-2, B3-S-3, B2-S-4 AND B3-S-5 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Extraction Date-TCLP SVOCs by 8270	4618	—	3510C	04/05/2006
Total Cresol (TCLP)	<0.08	mg/l	8270C	04/11/2006
1,4-Dichlorobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
2,4-Dinitrotoluene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachlorobutadiene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachlorobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachloroethane (TCLP)	<0.04	mg/l	8270C	04/11/2006
Nitrobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Pyridine (TCLP)	<0.2	mg/l	8270C	04/11/2006
Pentachlorophenol (TCLP)	<0.2	mg/l	8270C	04/11/2006
2,4,5-Trichlorophenol (TCLP)	<0.04	mg/l	8270C	04/11/2006
2,4,6-Trichlorophenol (TCLP)	<0.04	mg/l	8270C	04/11/2006
2-Fluorophenol (TCLP Surrogate)	38	% [10-79]	8270C	04/11/2006
Phenol-d6 (TCLP Surrogate)	30	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (TCLP Surrogate)	76	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (TCLP Surrogate)	96	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (TCLP Surrogate)	66	% [30-141]	8270C	04/11/2006
Terphenyl-d14 (TCLP Surrogate)	87	% [33-138]	8270C	04/11/2006
TCLP VOLATILE ORGANICS				
TCLP VOCs Batch#/Extraction Date	6568	-----	1311	04/03/2006
Benzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Carbon Tetrachloride (TCLP)	<0.005	mg/l	8260B	04/07/2006
Chlorobenzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Chloroform (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,4-Dichlorobenzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,2-Dichloroethane (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,1-Dichloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Methyl Ethyl Ketone (TCLP)	<0.1	mg/l	8260B	04/07/2006
Tetrachloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Trichloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Vinyl chloride (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	91	% [72-122]	8260B	04/07/2006
Toluene-d8 (Surrogate)	99	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	92	% [86-114]	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-15 **Description:** B4-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS IN SOIL				
C9-C18 Aliphatics, dry basis	<120	mg/kg	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	780	mg/kg	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	180	mg/kg	MDEP-EPH-98	04/15/2006
Aliphatic Surrogate Recovery	74	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	91	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (FBP)	93	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (BN)	88	% [40-140]	MDEP-EPH-98	04/15/2006
EPH SCREEN IN SOIL				
Batch #/Extract Date - EPH in Soil	3981	-----	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	1600	mg/kg	MDEP-EPH-98	04/06/2006
EPH Screen Surrogate Recovery	99	% [40-140]	MDEP-EPH-98	04/06/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/10/2006
2 4-DB	<0.10	mg/kg	8151A	04/10/2006
Dalapon	<0.10	mg/kg	8151A	04/10/2006
Dicamba	<0.02	mg/kg	8151A	04/10/2006
Dichlorprop	<0.15	mg/kg	8151A	04/10/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/10/2006
MCPA	<20	mg/kg	8151A	04/10/2006
MCPP	<20	mg/kg	8151A	04/10/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/10/2006
Picloram	<0.02	mg/kg	8151A	04/10/2006
2 4 5-T	<0.01	mg/kg	8151A	04/10/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/26/2006
DCAA (Surrogate)	94	% [20-135]	8151A	04/10/2006
INORGANICS				
Oxidation-Reduction Potential	-112.4@22.	mV@degrees	2580B	04/13/2006
pH Saturated Paste	6.9	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<0.16	mg/kg	8082	04/13/2006
Aroclor 1221 dry basis	<0.16	mg/kg	8082	04/13/2006
Aroclor 1232 dry basis	<0.16	mg/kg	8082	04/13/2006
Aroclor 1242 dry basis	<0.16	mg/kg	8082	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-15 **Description:** B4-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aroclor 1248 dry basis	<0.16	mg/kg	8082	04/13/2006
Aroclor 1254 dry basis	0.55	mg/kg	8082	04/13/2006
Aroclor 1260 dry basis	<0.16	mg/kg	8082	04/13/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/13/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/13/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aldrin	<0.03	mg/kg	8081A	04/23/2006
A-BHC	<0.03	mg/kg	8081A	04/23/2006
B-BHC	<0.03	mg/kg	8081A	04/23/2006
D-BHC	<0.03	mg/kg	8081A	04/23/2006
Lindane (G-BHC)	<0.03	mg/kg	8081A	04/23/2006
A-Chlordane	<0.03	mg/kg	8081A	04/23/2006
G-Chlordane	<0.03	mg/kg	8081A	04/23/2006
4,4-DDD	<0.07	mg/kg	8081A	04/23/2006
4,4-DDE	<0.07	mg/kg	8081A	04/23/2006
4,4-DDT	<0.07	mg/kg	8081A	04/23/2006
Dieldrin	<0.07	mg/kg	8081A	04/23/2006
Endosulfan I	<0.03	mg/kg	8081A	04/23/2006
Endosulfan II	<0.07	mg/kg	8081A	04/23/2006
Endosulfan Sulfate	<0.07	mg/kg	8081A	04/23/2006
Endrin	<0.07	mg/kg	8081A	04/23/2006
Endrin Aldehyde	<0.07	mg/kg	8081A	04/23/2006
Heptachlor	<0.03	mg/kg	8081A	04/23/2006
Heptachlor Epoxide	<0.03	mg/kg	8081A	04/23/2006
Methoxychlor	<0.33	mg/kg	8081A	04/23/2006
Toxaphene	<0.66	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	87	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	97	% [47-149]	8081A	04/23/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0413061013	—	8270C	04/13/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	0.17 J	mg/kg	8270C	04/13/2006
Acenaphthylene (SV)	1.2	mg/kg	8270C	04/13/2006
Anthracene (SV)	0.21	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-15 **Description:** B4-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/13/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/13/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/13/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/13/2006
4-Bromophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/13/2006
Carbazole (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/13/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Chrysene (SV)	R	mg/kg	8270C	04/13/2006
Dibenzofuran (SV)	0.52	mg/kg	8270C	04/13/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/13/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
4,6-Dinitro-2-methylphenol (SV)	<0.2	mg/kg	8270C	04/13/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/13/2006
Di-n-Butylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-15 **Description:** B4-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Diphenylamine (SV)	<0.1	mg/kg	8270C	04/13/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluoranthene (SV)	0.76	mg/kg	8270C	04/13/2006
Hexachlorobenzene (SV)	<0.2	mg/kg	8270C	04/13/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/13/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/13/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/13/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/13/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylnaphthalene (SV)	0.10 J	mg/kg	8270C	04/13/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Methylphenol & 4-Methylphenol	0.22	mg/kg	8270C	04/13/2006
Naphthalene (SV)	3.3	mg/kg	8270C	04/13/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/13/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/13/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/13/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/13/2006
Pentachlorophenol (SV)	<0.2	mg/kg	8270C	04/13/2006
Phenanthrene (SV)	2.1	mg/kg	8270C	04/13/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Pyrene (SV)	0.59	mg/kg	8270C	04/13/2006
Pyridine (SV)	<1	mg/kg	8270C	04/13/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Fluorophenol (Surrogate)	36	% [19-90]	8270C	04/13/2006
Phenol-d6 (Surrogate)	44	% [34-102]	8270C	04/13/2006
Nitrobenzene-d5 (Surrogate)	46	% [32-118]	8270C	04/13/2006
2-Fluorobiphenyl (Surrogate)	61	% [46-131]	8270C	04/13/2006
2,4,6-Tribromophenol (Surrogate)	54	% [13-142]	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-15 **Description:** B4-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Terphenyl-d14 (Surrogate)	23 (3)	% [40-144]	8270C	04/13/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0414061031	-----	8270C	04/15/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/15/2006
Acenaphthylene	1.2 J	mg/kg	8270C	04/15/2006
Anthracene	<0.4	mg/kg	8270C	04/15/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/15/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/15/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/15/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/15/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/15/2006
Benzoic acid	<1	mg/kg	8270C	04/15/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/15/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/15/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/15/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/15/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/15/2006
Carbazole	<0.6	mg/kg	8270C	04/15/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/15/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/15/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/15/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/15/2006
Chrysene	<0.4	mg/kg	8270C	04/15/2006
Dibenzofuran	0.5 J	mg/kg	8270C	04/15/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/15/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/15/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/15/2006
Diethylphthalate	<1	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-15 **Description:** B4-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/15/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/15/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/15/2006
2,4-Dinitrophenol	<10 UJ	mg/kg	8270C	04/15/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/15/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/15/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/15/2006
Fluoranthene	1.2 J	mg/kg	8270C	04/15/2006
Fluorene	<0.6	mg/kg	8270C	04/15/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/15/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/15/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/15/2006
Isophorone	<0.4	mg/kg	8270C	04/15/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/15/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/15/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/15/2006
Naphthalene	4.4	mg/kg	8270C	04/15/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/15/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/15/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/15/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/15/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/15/2006
Phenanthrene	2.3	mg/kg	8270C	04/15/2006
Phenol	<0.4	mg/kg	8270C	04/15/2006
Pyrene	1.0 J	mg/kg	8270C	04/15/2006
Pyridine	<10	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-15 **Description:** B4-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2-Fluorophenol (Surrogate)	26	% [19-90]	8270C	04/15/2006
Phenol-d6 (Surrogate)	32	% [34-102]	8270C	04/15/2006
Nitrobenzene-d5 (Surrogate)	41	% [32-118]	8270C	04/15/2006
2-Fluorobiphenyl (Surrogate)	63	% [46-131]	8270C	04/15/2006
2,4,6-Tribromophenol (Surrogate)	15	% [13-142]	8270C	04/15/2006
Terphenyl-d14 (Surrogate)	42	% [40-144]	8270C	04/15/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	141,000	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	8480	mg/kg	6010B	04/10/2006
Potassium Dry Basis	2620	mg/kg	6010B	04/10/2006
Sodium Dry Basis	2140	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	8090	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/10/2006
Arsenic Dry Basis	35	mg/kg	6010B	04/08/2006
Barium Dry Basis	1890	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	4	mg/kg	6010B	04/08/2006
Chromium Dry Basis	12	mg/kg	6010B	04/08/2006
Copper Dry Basis	118	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	9680	mg/kg	6010B	04/08/2006
Lead Dry Basis	30	mg/kg	6010B	04/08/2006
Manganese Dry Basis	3010	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/10/2006
Vanadium Dry Basis	10	mg/kg	6010B	04/08/2006
Zinc Dry Basis	626	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-15 **Description:** B4-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	-----	7471B	04/07/2006
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061019	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/06/2006
Bromobenzene	<0.05	mg/kg	8260B	04/06/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromoform	<0.05	mg/kg	8260B	04/06/2006
Bromomethane	<0.05	mg/kg	8260B	04/06/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/06/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/06/2006
Chloroethane	<0.05	mg/kg	8260B	04/06/2006
Chloroform	<0.05	mg/kg	8260B	04/06/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/06/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/06/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/06/2006
Dibromomethane	<0.05	mg/kg	8260B	04/06/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-15 **Description:** B4-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/06/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/06/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/06/2006
Methylene chloride	<0.25	mg/kg	8260B	04/06/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/06/2006
Naphthalene	<0.05	mg/kg	8260B	04/06/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/06/2006
Styrene	<0.05	mg/kg	8260B	04/06/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/06/2006
Toluene	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
Trichloroethene	<0.05	mg/kg	8260B	04/06/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/06/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/06/2006
Total Xylenes	<0.15	mg/kg	8260B	04/06/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/06/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/06/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/06/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/06/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/06/2006
Acetone	<0.5	mg/kg	8260B	04/06/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-15 **Description:** B4-S-1 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
1,2-Dichloroethane-d4 (Surrogate)	88	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	94	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	80	% [76-120]	8260B	04/06/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	—	MDEP-VPH-98	04/03/2006
Moisture	58	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<24	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	<0.03	mg/kg	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	<0.12	mg/kg	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	<0.06	mg/kg	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	<0.60	mg/kg	MDEP-VPH-98	04/05/2006
Toluene dry basis	<0.12	mg/kg	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	<0.36	mg/kg	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<12	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<2	mg/kg	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	85	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	96	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	—	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-16 **Description:** B4-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS IN SOIL				
C9-C18 Aliphatics, dry basis	<130	mg/kg	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	690	mg/kg	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	140	mg/kg	MDEP-EPH-98	04/15/2006
Aliphatic Surrogate Recovery	102	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	108	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (FBP)	95	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (BN)	96	% [40-140]	MDEP-EPH-98	04/15/2006
EPH SCREEN IN SOIL				
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	1600	mg/kg	MDEP-EPH-98	04/06/2006
EPH Screen Surrogate Recovery	116	% [40-140]	MDEP-EPH-98	04/06/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/10/2006
2 4-DB	<0.10	mg/kg	8151A	04/10/2006
Dalapon	<0.10	mg/kg	8151A	04/10/2006
Dicamba	<0.02	mg/kg	8151A	04/10/2006
Dichlorprop	<0.15	mg/kg	8151A	04/10/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/10/2006
MCPA	<20	mg/kg	8151A	04/10/2006
MCPP	<20	mg/kg	8151A	04/10/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/10/2006
Picloram	<0.02	mg/kg	8151A	04/10/2006
2 4 5-T	<0.01	mg/kg	8151A	04/10/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/26/2006
DCAA (Surrogate)	93	% [20-135]	8151A	04/10/2006
INORGANICS				
Oxidation-Reduction Potential	-1.5@21.0	mV@degrees	2580B	04/13/2006
pH Saturated Paste	7.1	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<4.1	mg/kg	8082	04/13/2006
Aroclor 1221 dry basis	<4.1	mg/kg	8082	04/13/2006
Aroclor 1232 dry basis	<4.1	mg/kg	8082	04/13/2006
Aroclor 1242 dry basis	<4.1	mg/kg	8082	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-16 **Description:** B4-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aroclor 1248 dry basis	<4.1	mg/kg	8082	04/13/2006
Aroclor 1254 dry basis	2.8 J	mg/kg	8082	04/13/2006
Aroclor 1260 dry basis	<4.1	mg/kg	8082	04/13/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/13/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/13/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aldrin	<0.03	mg/kg	8081A	04/23/2006
A-BHC	<0.03	mg/kg	8081A	04/23/2006
B-BHC	<0.03	mg/kg	8081A	04/23/2006
D-BHC	<0.03	mg/kg	8081A	04/23/2006
Lindane (G-BHC)	<0.03	mg/kg	8081A	04/23/2006
A-Chlordane	<0.03	mg/kg	8081A	04/23/2006
G-Chlordane	<0.03	mg/kg	8081A	04/23/2006
4,4-DDD	<0.07	mg/kg	8081A	04/23/2006
4,4-DDE	<0.07	mg/kg	8081A	04/23/2006
4,4-DDT	<0.07	mg/kg	8081A	04/23/2006
Dieldrin	<0.07	mg/kg	8081A	04/23/2006
Endosulfan I	<0.03	mg/kg	8081A	04/23/2006
Endosulfan II	<0.07	mg/kg	8081A	04/23/2006
Endosulfan Sulfate	<0.07	mg/kg	8081A	04/23/2006
Endrin	<0.07	mg/kg	8081A	04/23/2006
Endrin Aldehyde	<0.07	mg/kg	8081A	04/23/2006
Heptachlor	<0.03	mg/kg	8081A	04/23/2006
Heptachlor Epoxide	<0.03	mg/kg	8081A	04/23/2006
Methoxychlor	<0.32	mg/kg	8081A	04/23/2006
Toxaphene	<0.65	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	94	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	132	% [47-149]	8081A	04/23/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0413061022	—	8270C	04/13/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/13/2006
Acenaphthylene (SV)	0.25	mg/kg	8270C	04/13/2006
Anthracene (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-16 **Description:** B4-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/13/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/13/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/13/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/13/2006
4-Bromophenyl phenyl ether (SV)	R	mg/kg	8270C	04/13/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/13/2006
Carbazole (SV)	R	mg/kg	8270C	04/13/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/13/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Chrysene (SV)	R	mg/kg	8270C	04/13/2006
Dibenzofuran (SV)	0.1 J	mg/kg	8270C	04/13/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/13/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4-Dimethylphenol (SV)	0.14 J	mg/kg	8270C	04/13/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/13/2006
4,6-Dinitro-2-methylphenol (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/13/2006
Di-n-Butylphthalate (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/13/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-16 **Description:** B4-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Diphenylamine (SV)	R	mg/kg	8270C	04/13/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobenzene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/13/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/13/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/13/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/13/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Methylphenol & 4-Methylphenol	0.20	mg/kg	8270C	04/13/2006
Naphthalene (SV)	1.1	mg/kg	8270C	04/13/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/13/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/13/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/13/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/13/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/13/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/13/2006
Phenanthrene (SV)	R	mg/kg	8270C	04/13/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Pyrene (SV)	R	mg/kg	8270C	04/13/2006
Pyridine (SV)	<1	mg/kg	8270C	04/13/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Fluorophenol (Surrogate)	43	% [19-90]	8270C	04/13/2006
Phenol-d6 (Surrogate)	52	% [34-102]	8270C	04/13/2006
Nitrobenzene-d5 (Surrogate)	63	% [32-118]	8270C	04/13/2006
2-Fluorobiphenyl (Surrogate)	117	% [46-131]	8270C	04/13/2006
2,4,6-Tribromophenol (Surrogate)	52	% [13-142]	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-16 **Description:** B4-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Terphenyl-d14 (Surrogate)	23 (3)	% [40-144]	8270C	04/13/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0414061029	—	8270C	04/15/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/15/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/15/2006
Anthracene	<0.4	mg/kg	8270C	04/15/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/15/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/15/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/15/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/15/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/15/2006
Benzoic acid	<1	mg/kg	8270C	04/15/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/15/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/15/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/15/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/15/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/15/2006
Carbazole	<0.6	mg/kg	8270C	04/15/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/15/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/15/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/15/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/15/2006
Chrysene	<0.4	mg/kg	8270C	04/15/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/15/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/15/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/15/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/15/2006
Diethylphthalate	<1	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-16 **Description:** B4-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/15/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/15/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/15/2006
2,4-Dinitrophenol	<10 UJ	mg/kg	8270C	04/15/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/15/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/15/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/15/2006
Fluoranthene	0.41 J	mg/kg	8270C	04/15/2006
Fluorene	<0.6	mg/kg	8270C	04/15/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/15/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/15/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/15/2006
Isophorone	<0.4	mg/kg	8270C	04/15/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/15/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/15/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/15/2006
Naphthalene	1.2 J	mg/kg	8270C	04/15/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/15/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/15/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/15/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/15/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/15/2006
Phenanthrene	0.54 J	mg/kg	8270C	04/15/2006
Phenol	<0.4	mg/kg	8270C	04/15/2006
Pyrene	<0.4	mg/kg	8270C	04/15/2006
Pyridine	<10	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY
Project No.: NONE GIVEN
Project Name: STIMSON POND

Sample No.: 2006030241-16 **Description:** B4-S-2 **Matrix:** SOIL
Date Received: 03/31/2006
Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2-Fluorophenol (Surrogate)	33	% [19-90]	8270C	04/15/2006
Phenol-d6 (Surrogate)	47	% [34-102]	8270C	04/15/2006
Nitrobenzene-d5 (Surrogate)	59	% [32-118]	8270C	04/15/2006
2-Fluorobiphenyl (Surrogate)	92	% [46-131]	8270C	04/15/2006
2,4,6-Tribromophenol (Surrogate)	35	% [13-142]	8270C	04/15/2006
Terphenyl-d14 (Surrogate)	48	% [40-144]	8270C	04/15/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	157,000	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	11,600	mg/kg	6010B	04/10/2006
Potassium Dry Basis	3040	mg/kg	6010B	04/10/2006
Sodium Dry Basis	2330	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	9040	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	19	mg/kg	6010B	04/08/2006
Barium Dry Basis	1650	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	4	mg/kg	6010B	04/08/2006
Chromium Dry Basis	12	mg/kg	6010B	04/08/2006
Copper Dry Basis	139	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	9470	mg/kg	6010B	04/08/2006
Lead Dry Basis	29	mg/kg	6010B	04/08/2006
Manganese Dry Basis	2740	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	11	mg/kg	6010B	04/08/2006
Zinc Dry Basis	471	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY
Project No.: NONE GIVEN
Project Name: STIMSON POND

Sample No.: 2006030241-16 **Description:** B4-S-2 **Matrix:** SOIL
Date Received: 03/31/2006
Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	----	7471B	04/07/2006
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0407061009	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/07/2006
Bromobenzene	<0.05	mg/kg	8260B	04/07/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/07/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/07/2006
Bromoform	<0.05	mg/kg	8260B	04/07/2006
Bromomethane	<0.05	mg/kg	8260B	04/07/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/07/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/07/2006
Chloroethane	<0.05	mg/kg	8260B	04/07/2006
Chloroform	<0.05	mg/kg	8260B	04/07/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/07/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/07/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/07/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/07/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/07/2006
Dibromomethane	<0.05	mg/kg	8260B	04/07/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-16 **Description:** B4-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/07/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/07/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/07/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/07/2006
Methylene chloride	<0.25	mg/kg	8260B	04/07/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/07/2006
Naphthalene	<0.05	mg/kg	8260B	04/07/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/07/2006
Styrene	<0.05	mg/kg	8260B	04/07/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/07/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/07/2006
Toluene	<0.05	mg/kg	8260B	04/07/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/07/2006
Trichloroethene	<0.05	mg/kg	8260B	04/07/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/07/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/07/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/07/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/07/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/07/2006
Total Xylenes	<0.15	mg/kg	8260B	04/07/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/07/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/07/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/07/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/07/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/07/2006
Acetone	<0.5	mg/kg	8260B	04/07/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-16 **Description:** B4-S-2 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/07/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	91	% [65-118]	8260B	04/07/2006
Toluene-d8 (Surrogate)	95	% [85-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	87	% [76-120]	8260B	04/07/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	----	—	MDEP-VPH-98	04/03/2006
Moisture	61	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<26	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	<0.03	mg/kg	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	<0.13	mg/kg	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	<0.06	mg/kg	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	<0.64	mg/kg	MDEP-VPH-98	04/05/2006
Toluene dry basis	<0.13	mg/kg	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	<0.36	mg/kg	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<13	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<3	mg/kg	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	86	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	98	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	—	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-17 **Description:** B4-S-3 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS IN SOIL				
C9-C18 Aliphatics, dry basis	<650	mg/kg	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	2100	mg/kg	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	490	mg/kg	MDEP-EPH-98	04/17/2006
Aliphatic Surrogate Recovery	(1)	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	102	% [40-140]	MDEP-EPH-98	04/17/2006
Fractionation Surrogate Recovery (FBP)	NA	—	—	—
Fractionation Surrogate Recovery (BN)	NA	—	—	—
EPH SCREEN IN SOIL				
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	5900	mg/kg	MDEP-EPH-98	04/06/2006
EPH Screen Surrogate Recovery	(1)	% [40-140]	MDEP-EPH-98	04/06/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/10/2006
2 4-DB	<0.10	mg/kg	8151A	04/10/2006
Dalapon	<0.10	mg/kg	8151A	04/10/2006
Dicamba	<0.02	mg/kg	8151A	04/10/2006
Dichlorprop	<0.15	mg/kg	8151A	04/10/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/10/2006
MCPA	<20	mg/kg	8151A	04/10/2006
MCPP	<20	mg/kg	8151A	04/10/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/10/2006
Picloram	<0.02	mg/kg	8151A	04/10/2006
2 4 5-T	<0.01	mg/kg	8151A	04/10/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/26/2006
DCAA (Surrogate)	103	% [20-135]	8151A	04/10/2006
INORGANICS				
Oxidation-Reduction Potential	58.1@21.6	mV@degrees	2580B	04/13/2006
pH Saturated Paste	7.2	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<0.85	mg/kg	8082	04/13/2006
Aroclor 1221 dry basis	<0.85	mg/kg	8082	04/13/2006
Aroclor 1232 dry basis	<0.85	mg/kg	8082	04/13/2006
Aroclor 1242 dry basis	<0.85	mg/kg	8082	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-17 **Description:** B4-S-3 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aroclor 1248 dry basis	<0.85	mg/kg	8082	04/13/2006
Aroclor 1254 dry basis	5.4	mg/kg	8082	04/13/2006
Aroclor 1260 dry basis	<0.85	mg/kg	8082	04/13/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/13/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/13/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aldrin	<0.03	mg/kg	8081A	04/23/2006
A-BHC	<0.03	mg/kg	8081A	04/23/2006
B-BHC	<0.03	mg/kg	8081A	04/23/2006
D-BHC	<0.03	mg/kg	8081A	04/23/2006
Lindane (G-BHC)	<0.03	mg/kg	8081A	04/23/2006
A-Chlordane	<0.03	mg/kg	8081A	04/23/2006
G-Chlordane	<0.03	mg/kg	8081A	04/23/2006
4,4-DDD	<0.07	mg/kg	8081A	04/23/2006
4,4-DDE	<0.07	mg/kg	8081A	04/23/2006
4,4-DDT	<0.07	mg/kg	8081A	04/23/2006
Dieldrin	<0.07	mg/kg	8081A	04/23/2006
Endosulfan I	<0.03	mg/kg	8081A	04/23/2006
Endosulfan II	<0.07	mg/kg	8081A	04/23/2006
Endosulfan Sulfate	<0.07	mg/kg	8081A	04/23/2006
Endrin	<0.07	mg/kg	8081A	04/23/2006
Endrin Aldehyde	<0.07	mg/kg	8081A	04/23/2006
Heptachlor	<0.03	mg/kg	8081A	04/23/2006
Heptachlor Epoxide	<0.03	mg/kg	8081A	04/23/2006
Methoxychlor	<0.33	mg/kg	8081A	04/23/2006
Toxaphene	<0.66	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	77	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	116	% [47-149]	8081A	04/23/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0413061026	-----	8270C	04/14/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/14/2006
Acenaphthylene (SV)	0.29	mg/kg	8270C	04/14/2006
Anthracene (SV)	R	mg/kg	8270C	04/14/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-17 **Description:** B4-S-3 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/14/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/14/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/14/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/14/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/14/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/14/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/14/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/14/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/14/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/14/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/14/2006
4-Bromophenyl phenyl ether (SV)	R	mg/kg	8270C	04/14/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/14/2006
Carbazole (SV)	R	mg/kg	8270C	04/14/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/14/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/14/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/14/2006
Chrysene (SV)	R	mg/kg	8270C	04/14/2006
Dibenzofuran (SV)	0.1 J	mg/kg	8270C	04/14/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/14/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/14/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/14/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/14/2006
2,4-Dimethylphenol (SV)	0.41	mg/kg	8270C	04/14/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/14/2006
4,6-Dinitro-2-methylphenol (SV)	R	mg/kg	8270C	04/14/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/14/2006
Di-n-Butylphthalate (SV)	R	mg/kg	8270C	04/14/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/14/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/14/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/14/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-17 **Description:** B4-S-3 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Diphenylamine (SV)	R	mg/kg	8270C	04/14/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/14/2006
Fluoranthene (SV)	R	mg/kg	8270C	04/14/2006
Hexachlorobenzene (SV)	R	mg/kg	8270C	04/14/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/14/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/14/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/14/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/14/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/14/2006
3-Methylphenol & 4-Methylphenol	0.16 J	mg/kg	8270C	04/14/2006
Naphthalene (SV)	1.1	mg/kg	8270C	04/14/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/14/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/14/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/14/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/14/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/14/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/14/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/14/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/14/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/14/2006
Phenanthrene (SV)	R	mg/kg	8270C	04/14/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/14/2006
Pyrene (SV)	R	mg/kg	8270C	04/14/2006
Pyridine (SV)	<1	mg/kg	8270C	04/14/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/14/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Fluorophenol (Surrogate)	55	% [19-90]	8270C	04/14/2006
Phenol-d6 (Surrogate)	63	% [34-102]	8270C	04/14/2006
Nitrobenzene-d5 (Surrogate)	88	% [32-118]	8270C	04/14/2006
2-Fluorobiphenyl (Surrogate)	130	% [46-131]	8270C	04/14/2006
2,4,6-Tribromophenol (Surrogate)	56	% [13-142]	8270C	04/14/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY
Project No.: NONE GIVEN
Project Name: STIMSON POND

Sample No.: 2006030241-17 **Description:** B4-S-3 **Matrix:** SOIL
Date Received: 03/31/2006
Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Terphenyl-d14 (Surrogate)	31 (3)	% [40-144]	8270C	04/14/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0414061030	—	8270C	04/15/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/15/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/15/2006
Anthracene	<0.4	mg/kg	8270C	04/15/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/15/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/15/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/15/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/15/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/15/2006
Benzoic acid	<1	mg/kg	8270C	04/15/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/15/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/15/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/15/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/15/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/15/2006
Carbazole	<0.6	mg/kg	8270C	04/15/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/15/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/15/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/15/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/15/2006
Chrysene	<0.4	mg/kg	8270C	04/15/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/15/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/15/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/15/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/15/2006
Diethylphthalate	<1	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-17 **Description:** B4-S-3 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/15/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/15/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/15/2006
2,4-Dinitrophenol	<10 UJ	mg/kg	8270C	04/15/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/15/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/15/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/15/2006
Fluoranthene	0.42 J	mg/kg	8270C	04/15/2006
Fluorene	<0.6	mg/kg	8270C	04/15/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/15/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/15/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/15/2006
Isophorone	<0.4	mg/kg	8270C	04/15/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/15/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/15/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/15/2006
Naphthalene	0.98 J	mg/kg	8270C	04/15/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/15/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/15/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/15/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/15/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/15/2006
Phenanthrene	0.60 J	mg/kg	8270C	04/15/2006
Phenol	<0.4	mg/kg	8270C	04/15/2006
Pyrene	0.46 J	mg/kg	8270C	04/15/2006
Pyridine	<10	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-17 **Description:** B4-S-3 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2-Fluorophenol (Surrogate)	43	% [19-90]	8270C	04/15/2006
Phenol-d6 (Surrogate)	55	% [34-102]	8270C	04/15/2006
Nitrobenzene-d5 (Surrogate)	64	% [32-118]	8270C	04/15/2006
2-Fluorobiphenyl (Surrogate)	94	% [46-131]	8270C	04/15/2006
2,4,6-Tribromophenol (Surrogate)	22	% [13-142]	8270C	04/15/2006
Terphenyl-d14 (Surrogate)	66	% [40-144]	8270C	04/15/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	116,000	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	14,400	mg/kg	6010B	04/10/2006
Potassium Dry Basis	2290	mg/kg	6010B	04/10/2006
Sodium Dry Basis	1680	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	8190	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	12	mg/kg	6010B	04/08/2006
Barium Dry Basis	1100	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	<2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	12	mg/kg	6010B	04/08/2006
Copper Dry Basis	196	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	11,700	mg/kg	6010B	04/08/2006
Lead Dry Basis	26	mg/kg	6010B	04/08/2006
Manganese Dry Basis	1150	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	12	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	11	mg/kg	6010B	04/08/2006
Zinc Dry Basis	294	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-17 **Description:** B4-S-3 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
ICPMS Batch#/Digest Date	NA	----	—	
Mercury Batch #/Digest Date	443	—	7471B	04/07/2006
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0407061010	----	8260B	
Benzene	<0.05	mg/kg	8260B	04/07/2006
Bromobenzene	<0.05	mg/kg	8260B	04/07/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/07/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/07/2006
Bromoform	<0.05	mg/kg	8260B	04/07/2006
Bromomethane	<0.05	mg/kg	8260B	04/07/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/07/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/07/2006
Chloroethane	<0.05	mg/kg	8260B	04/07/2006
Chloroform	<0.05	mg/kg	8260B	04/07/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/07/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/07/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/07/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/07/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/07/2006
Dibromomethane	<0.05	mg/kg	8260B	04/07/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-17 **Description:** B4-S-3 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/07/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/07/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/07/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/07/2006
Methylene chloride	<0.25	mg/kg	8260B	04/07/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/07/2006
Naphthalene	<0.05	mg/kg	8260B	04/07/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/07/2006
Styrene	<0.05	mg/kg	8260B	04/07/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/07/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/07/2006
Toluene	<0.05	mg/kg	8260B	04/07/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/07/2006
Trichloroethene	<0.05	mg/kg	8260B	04/07/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/07/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/07/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/07/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/07/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/07/2006
Total Xylenes	<0.15	mg/kg	8260B	04/07/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/07/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/07/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/07/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/07/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/07/2006
Acetone	<0.5	mg/kg	8260B	04/07/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-17 **Description:** B4-S-3 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/07/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	90	% [65-118]	8260B	04/07/2006
Toluene-d8 (Surrogate)	94	% [85-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	77	% [76-120]	8260B	04/07/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	—	MDEP-VPH-98	04/03/2006
Moisture	61	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<26	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	0.04 J**	mg/kg	MDEP-VPH-98	04/06/2006
Ethylbenzene dry basis	<0.13	mg/kg	MDEP-VPH-98	04/06/2006
Methyl-tert-butyl ether dry basis	<0.06	mg/kg	MDEP-VPH-98	04/06/2006
Naphthalene dry basis	<0.64	mg/kg	MDEP-VPH-98	04/06/2006
Toluene dry basis	<0.13	mg/kg	MDEP-VPH-98	04/06/2006
Total Xylenes dry basis	<0.38	mg/kg	MDEP-VPH-98	04/06/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<13	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<3	mg/kg	MDEP-VPH-98	04/06/2006
PID Surrogate Recovery	81	% [70-130]	MDEP-VPH-98	04/06/2006
FID Surrogate Recovery	91	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	—	MDEP-VPH-98	04/06/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-18 **Description:** B4-S-4 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS IN SOIL				
C9-C18 Aliphatics, dry basis	<170	mg/kg	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	1800	mg/kg	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	400	mg/kg	MDEP-EPH-98	04/15/2006
Aliphatic Surrogate Recovery	78	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	116	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (FBP)	97	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (BN)	95	% [40-140]	MDEP-EPH-98	04/15/2006
EPH SCREEN IN SOIL				
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	4200	mg/kg	MDEP-EPH-98	04/06/2006
EPH Screen Surrogate Recovery	116	% [40-140]	MDEP-EPH-98	04/06/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/10/2006
2 4-DB	<0.10	mg/kg	8151A	04/10/2006
Dalapon	<0.10	mg/kg	8151A	04/10/2006
Dicamba	<0.02	mg/kg	8151A	04/10/2006
Dichlorprop	<0.15	mg/kg	8151A	04/10/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/10/2006
MCPA	<20	mg/kg	8151A	04/10/2006
MCPP	<20	mg/kg	8151A	04/10/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/10/2006
Picloram	<0.02	mg/kg	8151A	04/10/2006
2 4 5-T	<0.01	mg/kg	8151A	04/10/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/26/2006
DCAA (Surrogate)	85	% [20-135]	8151A	04/10/2006
INORGANICS				
Oxidation-Reduction Potential	67.1@21.1	mV@degrees	2580B	04/13/2006
pH Saturated Paste	7.4	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<2.2	mg/kg	8082	04/14/2006
Aroclor 1221 dry basis	<2.2	mg/kg	8082	04/14/2006
Aroclor 1232 dry basis	<2.2	mg/kg	8082	04/14/2006
Aroclor 1242 dry basis	<2.2	mg/kg	8082	04/14/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY
Project No.: NONE GIVEN
Project Name: STIMSON POND

Sample No.: 2006030241-18 **Description:** B4-S-4 **Matrix:** SOIL
Date Received: 03/31/2006
Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aroclor 1248 dry basis	<2.2	mg/kg	8082	04/14/2006
Aroclor 1254 dry basis	15	mg/kg	8082	04/14/2006
Aroclor 1260 dry basis	<2.2	mg/kg	8082	04/14/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/14/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/14/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aldrin	<0.06	mg/kg	8081A	04/23/2006
A-BHC	<0.06	mg/kg	8081A	04/23/2006
B-BHC	<0.06	mg/kg	8081A	04/23/2006
D-BHC	<0.06	mg/kg	8081A	04/23/2006
Lindane (G-BHC)	<0.06	mg/kg	8081A	04/23/2006
A-Chlordane	<0.06	mg/kg	8081A	04/23/2006
G-Chlordane	<0.06	mg/kg	8081A	04/23/2006
4,4-DDD	<0.14	mg/kg	8081A	04/23/2006
4,4-DDE	<0.14	mg/kg	8081A	04/23/2006
4,4-DDT	<0.14	mg/kg	8081A	04/23/2006
Dieldrin	<0.14	mg/kg	8081A	04/23/2006
Endosulfan I	<0.06	mg/kg	8081A	04/23/2006
Endosulfan II	<0.14	mg/kg	8081A	04/23/2006
Endosulfan Sulfate	<0.14	mg/kg	8081A	04/23/2006
Endrin	<0.14	mg/kg	8081A	04/23/2006
Endrin Aldehyde	<0.14	mg/kg	8081A	04/23/2006
Heptachlor	<0.06	mg/kg	8081A	04/23/2006
Heptachlor Epoxide	<0.06	mg/kg	8081A	04/23/2006
Methoxychlor	<0.66	mg/kg	8081A	04/23/2006
Toxaphene	<1.4	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	85	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	154 (3)	% [47-149]	8081A	04/23/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0413061023	—	8270C	04/13/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	R	mg/kg	8270C	04/13/2006
Acenaphthylene (SV)	R	mg/kg	8270C	04/13/2006
Anthracene (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-18 **Description:** B4-S-4 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/13/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/13/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/13/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/13/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/13/2006
4-Bromophenyl phenyl ether (SV)	R	mg/kg	8270C	04/13/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/13/2006
Carbazole (SV)	R	mg/kg	8270C	04/13/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/13/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Chloronaphthalene (SV)	R	mg/kg	8270C	04/13/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Chlorophenyl phenyl ether (SV)	R	mg/kg	8270C	04/13/2006
Chrysene (SV)	R	mg/kg	8270C	04/13/2006
Dibenzofuran (SV)	R	mg/kg	8270C	04/13/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/13/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Diethylphthalate (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dimethylphenol (SV)	0.19 J	mg/kg	8270C	04/13/2006
Dimethylphthalate (SV)	R	mg/kg	8270C	04/13/2006
4,6-Dinitro-2-methylphenol (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrophenol (SV)	R	mg/kg	8270C	04/13/2006
Di-n-Butylphthalate (SV)	R	mg/kg	8270C	04/13/2006
2,4-Dinitrotoluene (SV)	R	mg/kg	8270C	04/13/2006
2,6-Dinitrotoluene (SV)	R	mg/kg	8270C	04/13/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-18 **Description:** B4-S-4 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Diphenylamine (SV)	R	mg/kg	8270C	04/13/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
Fluorene (SV)	R	mg/kg	8270C	04/13/2006
Fluoranthene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobenzene (SV)	R	mg/kg	8270C	04/13/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/13/2006
Hexachlorocyclopentadiene (SV)	R	mg/kg	8270C	04/13/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/13/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/13/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/13/2006
3-Methylphenol & 4-Methylphenol	<0.1	mg/kg	8270C	04/13/2006
Naphthalene (SV)	0.32	mg/kg	8270C	04/13/2006
2-Nitroaniline (SV)	R	mg/kg	8270C	04/13/2006
3-Nitroaniline (SV)	R	mg/kg	8270C	04/13/2006
4-Nitroaniline (SV)	R	mg/kg	8270C	04/13/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/13/2006
4-Nitrophenol (SV)	R	mg/kg	8270C	04/13/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/13/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/13/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/13/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/13/2006
Phenanthrene (SV)	R	mg/kg	8270C	04/13/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/13/2006
Pyrene (SV)	R	mg/kg	8270C	04/13/2006
Pyridine (SV)	<1	mg/kg	8270C	04/13/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/13/2006
2,4,5-Trichlorophenol (SV)	R	mg/kg	8270C	04/13/2006
2,4,6-Trichlorophenol (SV)	R	mg/kg	8270C	04/13/2006
2-Fluorophenol (Surrogate)	45	% [19-90]	8270C	04/13/2006
Phenol-d6 (Surrogate)	54	% [34-102]	8270C	04/13/2006
Nitrobenzene-d5 (Surrogate)	70	% [32-118]	8270C	04/13/2006
2-Fluorobiphenyl (Surrogate)	132 (3)	% [46-131]	8270C	04/13/2006
2,4,6-Tribromophenol (Surrogate)	61	% [13-142]	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-18 **Description:** B4-S-4 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Terphenyl-d14 (Surrogate)	31 (3)	% [40-144]	8270C	04/13/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0414061038	-----	8270C	04/15/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/15/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/15/2006
Anthracene	<0.4	mg/kg	8270C	04/15/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/15/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/15/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/15/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/15/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/15/2006
Benzoic acid	<1	mg/kg	8270C	04/15/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/15/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/15/2006
Bis(2-ethylhexyl)phthalate	5.6	mg/kg	8270C	04/15/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/15/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/15/2006
Carbazole	<0.6	mg/kg	8270C	04/15/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/15/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/15/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/15/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/15/2006
Chrysene	<0.4	mg/kg	8270C	04/15/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/15/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/15/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/15/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/15/2006
Diethylphthalate	<1	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-18 **Description:** B4-S-4 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/15/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/15/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/15/2006
2,4-Dinitrophenol	<10 UJ	mg/kg	8270C	04/15/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/15/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/15/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/15/2006
Fluoranthene	<0.4	mg/kg	8270C	04/15/2006
Fluorene	<0.6	mg/kg	8270C	04/15/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/15/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/15/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/15/2006
Isophorone	<0.4	mg/kg	8270C	04/15/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/15/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/15/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/15/2006
Naphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/15/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/15/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/15/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/15/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/15/2006
Phenanthrene	<0.4	mg/kg	8270C	04/15/2006
Phenol	<0.4	mg/kg	8270C	04/15/2006
Pyrene	<0.4	mg/kg	8270C	04/15/2006
Pyridine	<10	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-18 **Description:** B4-S-4 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2-Fluorophenol (Surrogate)	37	% [19-90]	8270C	04/15/2006
Phenol-d6 (Surrogate)	47	% [34-102]	8270C	04/15/2006
Nitrobenzene-d5 (Surrogate)	56	% [32-118]	8270C	04/15/2006
2-Fluorobiphenyl (Surrogate)	94	% [46-131]	8270C	04/15/2006
2,4,6-Tribromophenol (Surrogate)	51	% [13-142]	8270C	04/15/2006
Terphenyl-d14 (Surrogate)	96	% [40-144]	8270C	04/15/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	63,700	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	7000	mg/kg	6010B	04/10/2006
Potassium Dry Basis	840	mg/kg	6010B	04/10/2006
Sodium Dry Basis	1390	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	4000	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	<10	mg/kg	6010B	04/08/2006
Barium Dry Basis	565	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	<2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	<10	mg/kg	6010B	04/08/2006
Copper Dry Basis	176	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	5850	mg/kg	6010B	04/08/2006
Lead Dry Basis	19	mg/kg	6010B	04/08/2006
Manganese Dry Basis	408	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	<10	mg/kg	6010B	04/08/2006
Zinc Dry Basis	191	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	-----	3050B-SB	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-18 **Description:** B4-S-4 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
ICPMS Batch#/Digest Date	NA	----	—	
Mercury Batch #/Digest Date	443	—	7471B	04/07/2006
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0407061011	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/07/2006
Bromobenzene	<0.05	mg/kg	8260B	04/07/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/07/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/07/2006
Bromoform	<0.05	mg/kg	8260B	04/07/2006
Bromomethane	<0.05	mg/kg	8260B	04/07/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/07/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/07/2006
Chloroethane	<0.05	mg/kg	8260B	04/07/2006
Chloroform	<0.05	mg/kg	8260B	04/07/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/07/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/07/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/07/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/07/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/07/2006
Dibromomethane	<0.05	mg/kg	8260B	04/07/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-18 **Description:** B4-S-4 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/07/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/07/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/07/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/07/2006
Methylene chloride	<0.25	mg/kg	8260B	04/07/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/07/2006
Naphthalene	<0.05	mg/kg	8260B	04/07/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/07/2006
Styrene	<0.05	mg/kg	8260B	04/07/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/07/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/07/2006
Toluene	<0.05	mg/kg	8260B	04/07/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/07/2006
Trichloroethene	<0.05	mg/kg	8260B	04/07/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/07/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/07/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/07/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/07/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/07/2006
Total Xylenes	<0.15	mg/kg	8260B	04/07/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/07/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/07/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/07/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/07/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/07/2006
Acetone	<0.5	mg/kg	8260B	04/07/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-18 **Description:** B4-S-4 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/07/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	107	% [65-118]	8260B	04/07/2006
Toluene-d8 (Surrogate)	96	% [85-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	84	% [76-120]	8260B	04/07/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	----	—	MDEP-VPH-98	04/03/2006
Moisture	70	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<33	mg/kg	MDEP-VPH-98	04/06/2006
Benzene dry basis	<0.03	mg/kg	MDEP-VPH-98	04/06/2006
Ethylbenzene dry basis	<0.17	mg/kg	MDEP-VPH-98	04/06/2006
Methyl-tert-butyl ether dry basis	<0.08	mg/kg	MDEP-VPH-98	04/06/2006
Naphthalene dry basis	<0.83	mg/kg	MDEP-VPH-98	04/06/2006
Toluene dry basis	<0.17	mg/kg	MDEP-VPH-98	04/06/2006
Total Xylenes dry basis	<0.50	mg/kg	MDEP-VPH-98	04/06/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/06/2006
C9-C12 Aliphatics, dry basis	<17	mg/kg	MDEP-VPH-98	04/06/2006
C9-C10 Aromatics, dry basis	<3	mg/kg	MDEP-VPH-98	04/06/2006
PID Surrogate Recovery	88	% [70-130]	MDEP-VPH-98	04/06/2006
FID Surrogate Recovery	100	% [70-130]	MDEP-VPH-98	04/06/2006
VPH Arom. Batch Number	9017	—	MDEP-VPH-98	04/06/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/09/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-19 **Description:** B4-S-5 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS IN SOIL				
C9-C18 Aliphatics, dry basis	<250	mg/kg	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	2000	mg/kg	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	370	mg/kg	MDEP-EPH-98	04/15/2006
Aliphatic Surrogate Recovery	81	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	82	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (FBP)	97	% [40-140]	MDEP-EPH-98	04/15/2006
Fractionation Surrogate Recovery (BN)	98	% [40-140]	MDEP-EPH-98	04/15/2006
EPH SCREEN IN SOIL				
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	4200	mg/kg	MDEP-EPH-98	04/05/2006
EPH Screen Surrogate Recovery	115	% [40-140]	MDEP-EPH-98	04/05/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/10/2006
2 4-DB	<0.10	mg/kg	8151A	04/10/2006
Dalapon	<0.10	mg/kg	8151A	04/10/2006
Dicamba	<0.02	mg/kg	8151A	04/10/2006
Dichlorprop	<0.15	mg/kg	8151A	04/10/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/10/2006
MCPA	<20	mg/kg	8151A	04/10/2006
MCPP	<20	mg/kg	8151A	04/10/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/10/2006
Picloram	<0.02	mg/kg	8151A	04/10/2006
2 4 5-T	<0.01	mg/kg	8151A	04/10/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/26/2006
DCAA (Surrogate)	90	% [20-135]	8151A	04/10/2006
INORGANICS				
Oxidation-Reduction Potential	97.9@20.4	mV@degrees	2580B	04/13/2006
pH Saturated Paste	7.3	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<1.7	mg/kg	8082	04/14/2006
Aroclor 1221 dry basis	<1.7	mg/kg	8082	04/14/2006
Aroclor 1232 dry basis	<1.7	mg/kg	8082	04/14/2006
Aroclor 1242 dry basis	<1.7	mg/kg	8082	04/14/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-19 **Description:** B4-S-5 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Aroclor 1248 dry basis	<1.7	mg/kg	8082	04/14/2006
Aroclor 1254 dry basis	4.8	mg/kg	8082	04/14/2006
Aroclor 1260 dry basis	<1.7	mg/kg	8082	04/14/2006
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/14/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/14/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	-----	3550B	04/03/2006
Aldrin	<0.03	mg/kg	8081A	04/23/2006
A-BHC	<0.03	mg/kg	8081A	04/23/2006
B-BHC	<0.03	mg/kg	8081A	04/23/2006
D-BHC	<0.03	mg/kg	8081A	04/23/2006
Lindane (G-BHC)	<0.03	mg/kg	8081A	04/23/2006
A-Chlordane	<0.03	mg/kg	8081A	04/23/2006
G-Chlordane	<0.03	mg/kg	8081A	04/23/2006
4,4-DDD	<0.07	mg/kg	8081A	04/23/2006
4,4-DDE	<0.07	mg/kg	8081A	04/23/2006
4,4-DDT	<0.07	mg/kg	8081A	04/23/2006
Dieldrin	<0.07	mg/kg	8081A	04/23/2006
Endosulfan I	0.032 +	mg/kg	8081A	04/23/2006
Endosulfan II	<0.07	mg/kg	8081A	04/23/2006
Endosulfan Sulfate	<0.07	mg/kg	8081A	04/23/2006
Endrin	<0.07	mg/kg	8081A	04/23/2006
Endrin Aldehyde	<0.07	mg/kg	8081A	04/23/2006
Heptachlor	<0.03	mg/kg	8081A	04/23/2006
Heptachlor Epoxide	<0.03	mg/kg	8081A	04/23/2006
Methoxychlor	<0.33	mg/kg	8081A	04/23/2006
Toxaphene	<0.66	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	86	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	108	% [47-149]	8081A	04/23/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0413061025	—	8270C	04/14/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/14/2006
Acenaphthylene (SV)	<0.1	mg/kg	8270C	04/14/2006
Anthracene (SV)	R	mg/kg	8270C	04/14/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-19 **Description:** B4-S-5 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/14/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/14/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/14/2006
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/14/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/14/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/14/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/14/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/14/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/14/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/14/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/14/2006
4-Bromophenyl phenyl ether (SV)	R	mg/kg	8270C	04/14/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/14/2006
Carbazole (SV)	R	mg/kg	8270C	04/14/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/14/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/14/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/14/2006
Chrysene (SV)	R	mg/kg	8270C	04/14/2006
Dibenzofuran (SV)	<0.1	mg/kg	8270C	04/14/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/14/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/14/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/14/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/14/2006
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/14/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/14/2006
4,6-Dinitro-2-methylphenol (SV)	R	mg/kg	8270C	04/14/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/14/2006
Di-n-Butylphthalate (SV)	R	mg/kg	8270C	04/14/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/14/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/14/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/14/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-19 **Description:** B4-S-5 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Diphenylamine (SV)	R	mg/kg	8270C	04/14/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/14/2006
Fluoranthene (SV)	R	mg/kg	8270C	04/14/2006
Hexachlorobenzene (SV)	R	mg/kg	8270C	04/14/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/14/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/14/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/14/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/14/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/14/2006
3-Methylphenol & 4-Methylphenol	<0.1	mg/kg	8270C	04/14/2006
Naphthalene (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/14/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/14/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/14/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/14/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/14/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/14/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/14/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/14/2006
Pentachlorophenol (SV)	R	mg/kg	8270C	04/14/2006
Phenanthrene (SV)	R	mg/kg	8270C	04/14/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/14/2006
Pyrene (SV)	R	mg/kg	8270C	04/14/2006
Pyridine (SV)	<1	mg/kg	8270C	04/14/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/14/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/14/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/14/2006
2-Fluorophenol (Surrogate)	75	% [19-90]	8270C	04/14/2006
Phenol-d6 (Surrogate)	82	% [34-102]	8270C	04/14/2006
Nitrobenzene-d5 (Surrogate)	94	% [32-118]	8270C	04/14/2006
2-Fluorobiphenyl (Surrogate)	139 (3)	% [46-131]	8270C	04/14/2006
2,4,6-Tribromophenol (Surrogate)	69	% [13-142]	8270C	04/14/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-19 **Description:** B4-S-5 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Terphenyl-d14 (Surrogate)	33 (3)	% [40-144]	8270C	04/14/2006
SEMIVOLATILE-SECOND ANALYSIS				
Data File Number-Semivolatiles	0414061032	----	8270C	04/15/2006
Batch #/Extract Date - EPA 8270	4620	----	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/15/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/15/2006
Anthracene	<0.4	mg/kg	8270C	04/15/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/15/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/15/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/15/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/15/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/15/2006
Benzoic acid	<1	mg/kg	8270C	04/15/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/15/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/15/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/15/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/15/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/15/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/15/2006
Carbazole	<0.6	mg/kg	8270C	04/15/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/15/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/15/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/15/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/15/2006
Chrysene	<0.4	mg/kg	8270C	04/15/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/15/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/15/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/15/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/15/2006
Diethylphthalate	<1	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-19 **Description:** B4-S-5 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/15/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/15/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/15/2006
2,4-Dinitrophenol	<10 UJ	mg/kg	8270C	04/15/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/15/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/15/2006
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/15/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/15/2006
Fluoranthene	<0.4	mg/kg	8270C	04/15/2006
Fluorene	<0.6	mg/kg	8270C	04/15/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/15/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/15/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/15/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/15/2006
Isophorone	<0.4	mg/kg	8270C	04/15/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/15/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/15/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/15/2006
Naphthalene	<0.4	mg/kg	8270C	04/15/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/15/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/15/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/15/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/15/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/15/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/15/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/15/2006
Phenanthrene	<0.4	mg/kg	8270C	04/15/2006
Phenol	<0.4	mg/kg	8270C	04/15/2006
Pyrene	<0.4	mg/kg	8270C	04/15/2006
Pyridine	<10	mg/kg	8270C	04/15/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-19 **Description:** B4-S-5 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/15/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/15/2006
2-Fluorophenol (Surrogate)	66	% [19-90]	8270C	04/15/2006
Phenol-d6 (Surrogate)	76	% [34-102]	8270C	04/15/2006
Nitrobenzene-d5 (Surrogate)	89	% [32-118]	8270C	04/15/2006
2-Fluorobiphenyl (Surrogate)	123	% [46-131]	8270C	04/15/2006
2,4,6-Tribromophenol (Surrogate)	55	% [13-142]	8270C	04/15/2006
Terphenyl-d14 (Surrogate)	82	% [40-144]	8270C	04/15/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	35,900	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	4110	mg/kg	6010B	04/10/2006
Potassium Dry Basis	860	mg/kg	6010B	04/10/2006
Sodium Dry Basis	1630	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	3760	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	<10	mg/kg	6010B	04/08/2006
Barium Dry Basis	330	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	<2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	<10	mg/kg	6010B	04/08/2006
Copper Dry Basis	51	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	4560	mg/kg	6010B	04/08/2006
Lead Dry Basis	12	mg/kg	6010B	04/08/2006
Manganese Dry Basis	400	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.5	mg/kg	7471A	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	<10	mg/kg	6010B	04/08/2006
Zinc Dry Basis	127	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-19 **Description:** B4-S-5 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	—	7471A	04/07/2006
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0407061012	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/07/2006
Bromobenzene	<0.05	mg/kg	8260B	04/07/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/07/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/07/2006
Bromoform	<0.05	mg/kg	8260B	04/07/2006
Bromomethane	<0.05	mg/kg	8260B	04/07/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/07/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/07/2006
Chloroethane	<0.05	mg/kg	8260B	04/07/2006
Chloroform	<0.05	mg/kg	8260B	04/07/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/07/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/07/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/07/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/07/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/07/2006
Dibromomethane	<0.05	mg/kg	8260B	04/07/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-19 **Description:** B4-S-5 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/07/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/07/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/07/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/07/2006
Methylene chloride	<0.25	mg/kg	8260B	04/07/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/07/2006
Naphthalene	<0.05	mg/kg	8260B	04/07/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/07/2006
Styrene	<0.05	mg/kg	8260B	04/07/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/07/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/07/2006
Toluene	<0.05	mg/kg	8260B	04/07/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/07/2006
Trichloroethene	<0.05	mg/kg	8260B	04/07/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/07/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/07/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/07/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/07/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/07/2006
Total Xylenes	<0.15	mg/kg	8260B	04/07/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/07/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/07/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/07/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/07/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/07/2006
Acetone	<0.5	mg/kg	8260B	04/07/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-19 **Description:** B4-S-5 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/07/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	90	% [65-118]	8260B	04/07/2006
Toluene-d8 (Surrogate)	93	% [85-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	79	% [76-120]	8260B	04/07/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	—	MDEP-VPH-98	04/03/2006
Moisture	80	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<50	mg/kg	MDEP-VPH-98	04/06/2006
Benzene dry basis	<0.04	mg/kg	MDEP-VPH-98	04/06/2006
Ethylbenzene dry basis	<0.25	mg/kg	MDEP-VPH-98	04/06/2006
Methyl-tert-butyl ether dry basis	<0.13	mg/kg	MDEP-VPH-98	04/06/2006
Naphthalene dry basis	<1	mg/kg	MDEP-VPH-98	04/06/2006
Toluene dry basis	<0.25	mg/kg	MDEP-VPH-98	04/06/2006
Total Xylenes dry basis	<0.75	mg/kg	MDEP-VPH-98	04/06/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/06/2006
C9-C12 Aliphatics, dry basis	<25	mg/kg	MDEP-VPH-98	04/06/2006
C9-C10 Aromatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/06/2006
PID Surrogate Recovery	83	% [70-130]	MDEP-VPH-98	04/06/2006
FID Surrogate Recovery	96	% [70-130]	MDEP-VPH-98	04/06/2006
VPH Arom. Batch Number	9017	—	MDEP-VPH-98	04/06/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-20 **Description:** B4-S-6 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0407061013	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/07/2006
Bromobenzene	<0.05	mg/kg	8260B	04/07/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/07/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/07/2006
Bromoform	<0.05	mg/kg	8260B	04/07/2006
Bromomethane	<0.05	mg/kg	8260B	04/07/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/07/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/07/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/07/2006
Chloroethane	<0.05	mg/kg	8260B	04/07/2006
Chloroform	<0.05	mg/kg	8260B	04/07/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/07/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/07/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/07/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/07/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/07/2006
Dibromomethane	<0.05	mg/kg	8260B	04/07/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/07/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-20 **Description:** B4-S-6 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/07/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/07/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/07/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/07/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/07/2006
Methylene chloride	<0.25	mg/kg	8260B	04/07/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/07/2006
Naphthalene	<0.05	mg/kg	8260B	04/07/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/07/2006
Styrene	<0.05	mg/kg	8260B	04/07/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/07/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/07/2006
Toluene	<0.05	mg/kg	8260B	04/07/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/07/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/07/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/07/2006
Trichloroethene	<0.05	mg/kg	8260B	04/07/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/07/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/07/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/07/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/07/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/07/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/07/2006
Total Xylenes	<0.15	mg/kg	8260B	04/07/2006
Acrylonitrile	<0.5	mg/kg	8260B	04/07/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/07/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	8260B	04/07/2006
t-1,4-Dichloro-2-butene	<0.5	mg/kg	8260B	04/07/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/07/2006
Acetone	<0.5	mg/kg	8260B	04/07/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/07/2006
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/07/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-20 **Description:** B4-S-6 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2-Dichloroethane-d4 (Surrogate)	92	% [65-118]	8260B	04/07/2006
Toluene-d8 (Surrogate)	97	% [85-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	85	% [76-120]	8260B	04/07/2006
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	-----	MDEP-VPH-98	04/03/2006
Moisture	80	%	MDEP-98	04/07/2006
Total Purgeable Hydrocarbons dry basis	<50	mg/kg	MDEP-VPH-98	04/06/2006
Benzene dry basis	<0.04	mg/kg	MDEP-VPH-98	04/06/2006
Ethylbenzene dry basis	<0.25	mg/kg	MDEP-VPH-98	04/06/2006
Methyl-tert-butyl ether dry basis	<0.13	mg/kg	MDEP-VPH-98	04/06/2006
Naphthalene dry basis	<1	mg/kg	MDEP-VPH-98	04/06/2006
Toluene dry basis	<0.25	mg/kg	MDEP-VPH-98	04/06/2006
Total Xylenes dry basis	<0.75	mg/kg	MDEP-VPH-98	04/06/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/06/2006
C9-C12 Aliphatics, dry basis	<25	mg/kg	MDEP-VPH-98	04/06/2006
C9-C10 Aromatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/06/2006
PID Surrogate Recovery	84	% [70-130]	MDEP-VPH-98	04/06/2006
FID Surrogate Recovery	96	% [70-130]	MDEP-VPH-98	04/06/2006
VPH Arom. Batch Number	9017	—	MDEP-VPH-98	04/06/2006
VPH Aliph. Batch Number	9017	-----	MDEP-VPH-98	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-21 **Description:** COMPOSITE OF B4-S-6, B4-S-7 AND B4-S-8 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH SCREEN IN SOIL				
Moisture	57	%	MDEP-98	04/07/2006
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	850 E	mg/kg	MDEP-EPH-98	04/05/2006
EPH Screen Surrogate Recovery	93	% [40-140]	MDEP-EPH-98	04/05/2006
EPH SCREEN IN SOIL - REANALYSIS				
Batch #/Extract Date - EPH in Soil	3981	—	MDEP-EPH-98	04/04/2006
Total Extractable Hydrocarbons dry basis	950	mg/kg	MDEP-EPH-98	04/06/2006
EPH Screen Surrogate Recovery	111	% [40-140]	MDEP-EPH-98	04/06/2006
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	—	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/10/2006
2 4-DB	<0.10	mg/kg	8151A	04/10/2006
Dalapon	<0.10	mg/kg	8151A	04/10/2006
Dicamba	<0.02	mg/kg	8151A	04/10/2006
Dichlorprop	<0.15	mg/kg	8151A	04/10/2006
Dinoseb	<0.1 R	mg/kg	8151A	04/10/2006
MCPA	<20	mg/kg	8151A	04/10/2006
MCPP	<20	mg/kg	8151A	04/10/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/10/2006
Picloram	<0.02	mg/kg	8151A	04/10/2006
2 4 5-T	<0.01	mg/kg	8151A	04/10/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/26/2006
DCAA (Surrogate)	83	% [20-135]	8151A	04/10/2006
INORGANICS				
Oxidation-Reduction Potential	52.1@20.3	mV@degrees	2580B	04/13/2006
pH Saturated Paste	7.1	S.U.	S-1.10	04/13/2006
PCBs IN SOLIDS				
Aroclor 1016 dry basis	<0.74	mg/kg	8082	04/14/2006
Aroclor 1221 dry basis	<0.74	mg/kg	8082	04/14/2006
Aroclor 1232 dry basis	<0.74	mg/kg	8082	04/14/2006
Aroclor 1242 dry basis	<0.74	mg/kg	8082	04/14/2006
Aroclor 1248 dry basis	<0.74	mg/kg	8082	04/14/2006
Aroclor 1254 dry basis	4.0	mg/kg	8082	04/14/2006
Aroclor 1260 dry basis	<0.74	mg/kg	8082	04/14/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-21 **Description:** COMPOSITE OF B4-S-6, B4-S-7 AND B4-S-8 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
TCMX (Surrogate) 8082 Solids	(1)	% [11-117]	8082	04/14/2006
DCB (Surrogate) 8082 Solids	(1)	% [47-149]	8082	04/14/2006
PESTICIDES IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aldrin	<0.015	mg/kg	8081A	04/21/2006
A-BHC	<0.015	mg/kg	8081A	04/21/2006
B-BHC	<0.015	mg/kg	8081A	04/21/2006
D-BHC	<0.015	mg/kg	8081A	04/21/2006
Lindane (G-BHC)	<0.015	mg/kg	8081A	04/21/2006
A-Chlordane	<0.015	mg/kg	8081A	04/21/2006
G-Chlordane	<0.015	mg/kg	8081A	04/21/2006
4,4-DDD	<0.034	mg/kg	8081A	04/21/2006
4,4-DDE	<0.034	mg/kg	8081A	04/21/2006
4,4-DDT	<0.034	mg/kg	8081A	04/21/2006
Dieldrin	<0.034	mg/kg	8081A	04/21/2006
Endosulfan I	<0.015	mg/kg	8081A	04/21/2006
Endosulfan II	<0.034	mg/kg	8081A	04/21/2006
Endosulfan Sulfate	<0.034	mg/kg	8081A	04/21/2006
Endrin	<0.034	mg/kg	8081A	04/21/2006
Endrin Aldehyde	<0.034	mg/kg	8081A	04/21/2006
Heptachlor	<0.015	mg/kg	8081A	04/21/2006
Heptachlor Epoxide	<0.015	mg/kg	8081A	04/21/2006
Methoxychlor	<0.16	mg/kg	8081A	04/21/2006
Toxaphene	<0.32	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	78	% [11-117]	8081A	04/21/2006
DCB (Surrogate) 8081A Solids	106	% [47-149]	8081A	04/21/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0412061011	-----	8270C	04/12/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/12/2006
Acenaphthylene (SV)	<0.1	mg/kg	8270C	04/12/2006
Anthracene (SV)	<0.1	mg/kg	8270C	04/12/2006
Benzo[a]anthracene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[a]pyrene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[b]fluoranthene (SV)	R	mg/kg	8270C	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-21 **Description:** COMPOSITE OF B4-S-6, B4-S-7 AND B4-S-8 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Benzo[k]fluoranthene (SV)	R	mg/kg	8270C	04/12/2006
Benzo[g,h,i]perylene (SV)	R	mg/kg	8270C	04/12/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/12/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/12/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/12/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/12/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/12/2006
Bis(2-ethylhexyl)phthalate (SV)	R	mg/kg	8270C	04/12/2006
4-Bromophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/12/2006
Butylbenzylphthalate (SV)	R	mg/kg	8270C	04/12/2006
Carbazole (SV)	<0.1	mg/kg	8270C	04/12/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/12/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/12/2006
Chrysene (SV)	R	mg/kg	8270C	04/12/2006
Dibenzofuran (SV)	<0.1	mg/kg	8270C	04/12/2006
Dibenzo[a,h]anthracene (SV)	R	mg/kg	8270C	04/12/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
3,3'-Dichlorobenzidine (SV)	R	mg/kg	8270C	04/12/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/12/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
4,6-Dinitro-2-methylphenol (SV)	<0.2	mg/kg	8270C	04/12/2006
2,4-Dinitrophenol (SV)	<1	mg/kg	8270C	04/12/2006
Di-n-Butylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/12/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/12/2006
Di-n-octylphthalate (SV)	R	mg/kg	8270C	04/12/2006
Diphenylamine (SV)	<0.1	mg/kg	8270C	04/12/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-21 **Description:** COMPOSITE OF B4-S-6, B4-S-7 AND B4-S-8 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Fluoranthene (SV)	<0.1	mg/kg	8270C	04/12/2006
Hexachlorobenzene (SV)	<0.2	mg/kg	8270C	04/12/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/12/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/12/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/12/2006
Indeno(1,2,3-c,d)pyrene (SV)	R	mg/kg	8270C	04/12/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/12/2006
3-Methylphenol & 4-Methylphenol	<0.1	mg/kg	8270C	04/12/2006
Naphthalene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/12/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/12/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/12/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/12/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/12/2006
N-Nitrosodiphenylamine (SV)	R	mg/kg	8270C	04/12/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/12/2006
Pentachlorophenol (SV)	<0.2	mg/kg	8270C	04/12/2006
Phenanthrene (SV)	<0.1	mg/kg	8270C	04/12/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/12/2006
Pyrene (SV)	<0.1	mg/kg	8270C	04/12/2006
Pyridine (SV)	<1	mg/kg	8270C	04/12/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Fluorophenol (Surrogate)	70	% [19-90]	8270C	04/12/2006
Phenol-d6 (Surrogate)	78	% [34-102]	8270C	04/12/2006
Nitrobenzene-d5 (Surrogate)	85	% [32-118]	8270C	04/12/2006
2-Fluorobiphenyl (Surrogate)	121	% [46-131]	8270C	04/12/2006
2,4,6-Tribromophenol (Surrogate)	110	% [13-142]	8270C	04/12/2006
Terphenyl-d14 (Surrogate)	36 (3)	% [40-144]	8270C	04/12/2006
SEMIVOLATILE-SECOND ANALYSIS				

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-21 **Description:** COMPOSITE OF B4-S-6, B4-S-7 AND B4-S-8 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Data File Number-Semivolatiles	0417061018	—	8270C	04/17/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene	<0.4	mg/kg	8270C	04/17/2006
Acenaphthylene	<0.4	mg/kg	8270C	04/17/2006
Anthracene	<0.4	mg/kg	8270C	04/17/2006
Benzo[a]anthracene	<0.6	mg/kg	8270C	04/17/2006
Benzo[a]pyrene	<0.4	mg/kg	8270C	04/17/2006
Benzo[b]fluoranthene	<0.2	mg/kg	8270C	04/17/2006
Benzo[k]fluoranthene	<0.6	mg/kg	8270C	04/17/2006
Benzo[g,h,i]perylene	<0.6	mg/kg	8270C	04/17/2006
Benzoic acid	<1	mg/kg	8270C	04/17/2006
Benzyl alcohol	<0.4	mg/kg	8270C	04/17/2006
Bis(2-chloroethoxy)methane	<0.4	mg/kg	8270C	04/17/2006
Bis(2-chloroethyl)ether	<0.2	mg/kg	8270C	04/17/2006
Bis(2-chloroisopropyl)ether	<0.6	mg/kg	8270C	04/17/2006
Bis(2-ethylhexyl)phthalate	<2	mg/kg	8270C	04/17/2006
4-Bromophenyl phenyl ether	<0.4	mg/kg	8270C	04/17/2006
Butylbenzylphthalate	<0.6	mg/kg	8270C	04/17/2006
Carbazole	<0.6	mg/kg	8270C	04/17/2006
4-Chloroaniline	<0.5	mg/kg	8270C	04/17/2006
4-Chloro-3-methylphenol	<0.6	mg/kg	8270C	04/17/2006
2-Chloronaphthalene	<0.4	mg/kg	8270C	04/17/2006
2-Chlorophenol	<0.4	mg/kg	8270C	04/17/2006
4-Chlorophenyl phenyl ether	<0.6	mg/kg	8270C	04/17/2006
Chrysene	<0.4	mg/kg	8270C	04/17/2006
Dibenzofuran	<0.4	mg/kg	8270C	04/17/2006
Dibenzo[a,h]anthracene	<0.6	mg/kg	8270C	04/17/2006
1,2-Dichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
1,3-Dichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
1,4-Dichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
3,3'-Dichlorobenzidine	<9	mg/kg	8270C	04/17/2006
2,4-Dichlorophenol	<0.4	mg/kg	8270C	04/17/2006
Diethylphthalate	<1	mg/kg	8270C	04/17/2006
2,4-Dimethylphenol	<0.4	mg/kg	8270C	04/17/2006
Dimethylphthalate	<0.4	mg/kg	8270C	04/17/2006
4,6-Dinitro-2-methylphenol	<0.8	mg/kg	8270C	04/17/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-21 **Description:** COMPOSITE OF B4-S-6, B4-S-7 AND B4-S-8 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dinitrophenol	<10	mg/kg	8270C	04/17/2006
Di-n-Butylphthalate	<0.6	mg/kg	8270C	04/17/2006
2,4-Dinitrotoluene	<0.6	mg/kg	8270C	04/17/2006
2,6-Dinitrotoluene	<0.6	mg/kg	8270C	04/17/2006
Di-n-octylphthalate	<0.8	mg/kg	8270C	04/15/2006
Diphenylamine	<0.4	mg/kg	8270C	04/17/2006
1,2-Diphenylhydrazine as Azobenzene	<0.8	mg/kg	8270C	04/17/2006
Fluoranthene	<0.4	mg/kg	8270C	04/17/2006
Fluorene	<0.6	mg/kg	8270C	04/17/2006
Hexachlorobenzene	<0.4	mg/kg	8270C	04/17/2006
Hexachlorobutadiene	<0.4	mg/kg	8270C	04/17/2006
Hexachlorocyclopentadiene	<0.6	mg/kg	8270C	04/17/2006
Hexachloroethane	<0.4	mg/kg	8270C	04/17/2006
Indeno(1,2,3-c,d)pyrene	<0.6	mg/kg	8270C	04/17/2006
Isophorone	<0.4	mg/kg	8270C	04/17/2006
2-Methylnaphthalene	<0.6	mg/kg	8270C	04/17/2006
2-Methylphenol o-cresol	<0.4	mg/kg	8270C	04/17/2006
3-Methylphenol & 4-Methylphenol	<0.4	mg/kg	8270C	04/17/2006
Naphthalene	<0.4	mg/kg	8270C	04/17/2006
2-Nitroaniline	<0.4	mg/kg	8270C	04/17/2006
3-Nitroaniline	<0.4	mg/kg	8270C	04/17/2006
4-Nitroaniline	<0.6	mg/kg	8270C	04/17/2006
Nitrobenzene	<0.4	mg/kg	8270C	04/17/2006
2-Nitrophenol	<0.4	mg/kg	8270C	04/17/2006
4-Nitrophenol	<0.4	mg/kg	8270C	04/17/2006
N-Nitrosodimethylamine	<0.4	mg/kg	8270C	04/17/2006
N-Nitrosodiphenylamine	<2	mg/kg	8270C	04/17/2006
N-Nitrosodi-n-propyl amine	<0.4	mg/kg	8270C	04/17/2006
Pentachlorophenol	<0.6	mg/kg	8270C	04/17/2006
Phenanthrene	<0.4	mg/kg	8270C	04/17/2006
Phenol	<0.4	mg/kg	8270C	04/17/2006
Pyrene	<0.4	mg/kg	8270C	04/17/2006
Pyridine	<10	mg/kg	8270C	04/17/2006
1,2,4-Trichlorobenzene	<0.4	mg/kg	8270C	04/17/2006
2,4,5-Trichlorophenol	<0.4	mg/kg	8270C	04/17/2006
2,4,6-Trichlorophenol	<0.4	mg/kg	8270C	04/17/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-21 **Description:** COMPOSITE OF B4-S-6, B4-S-7 AND B4-S-8 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/30/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2-Fluorophenol (Surrogate)	62	% [19-90]	8270C	04/17/2006
Phenol-d6 (Surrogate)	66	% [34-102]	8270C	04/17/2006
Nitrobenzene-d5 (Surrogate)	85	% [32-118]	8270C	04/17/2006
2-Fluorobiphenyl (Surrogate)	125	% [46-131]	8270C	04/17/2006
2,4,6-Tribromophenol (Surrogate)	83	% [13-142]	8270C	04/17/2006
Terphenyl-d14 (Surrogate)	134	% [40-144]	8270C	04/17/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	5550	mg/kg	6010B	04/10/2006
Magnesium Dry Basis	4260	mg/kg	6010B	04/10/2006
Potassium Dry Basis	920	mg/kg	6010B	04/10/2006
Sodium Dry Basis	380	mg/kg	6010B	04/10/2006
Aluminum Dry Basis	5010	mg/kg	6010B	04/08/2006
Antimony Dry Basis	<10	mg/kg	6020	04/07/2006
Arsenic Dry Basis	<10	mg/kg	6010B	04/08/2006
Barium Dry Basis	100	mg/kg	6010B	04/08/2006
Beryllium Dry Basis	<2	mg/kg	6010B	04/08/2006
Cadmium Dry Basis	<2	mg/kg	6010B	04/08/2006
Chromium Dry Basis	<10	mg/kg	6010B	04/08/2006
Copper Dry Basis	17	mg/kg	6010B	04/08/2006
Cobalt Dry Basis	<10	mg/kg	6010B	04/08/2006
Iron Dry Basis	8120	mg/kg	6010B	04/08/2006
Lead Dry Basis	<10	mg/kg	6010B	04/08/2006
Manganese Dry Basis	86	mg/kg	6010B	04/08/2006
Mercury Dry Basis	<0.2	mg/kg	7471B	04/07/2006
Molybdenum Dry Basis	<10	mg/kg	6010B	04/08/2006
Nickel Dry Basis	<10	mg/kg	6010B	04/08/2006
Selenium Dry Basis	<10	mg/kg	6010B	04/08/2006
Silver Dry Basis	<10	mg/kg	6010B	04/08/2006
Thallium Dry Basis	<5	mg/kg	6020	04/07/2006
Vanadium Dry Basis	17	mg/kg	6010B	04/08/2006
Zinc Dry Basis	42	mg/kg	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	—	7471B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-22 **Description:** COMPOSITE B4S1, B4S2, B4S3, B4S4, B4S5, B4S6, B4S7, B4S8 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
REACTIVITY				
Cyanide as HCN (Reactive)	<0.1	mg/kg	7.3	04/06/2006
Sulfide as H2S (Reactive)	<100	mg/kg	7.3	04/07/2006
TCLP HERBICIDES				
TCLP Herbicides Batch#/Extraction Date	6568	—	1311	04/04/2006
Batch #/Extract Date - Method 8151A (Water)	2695	—	8151A	04/10/2006
2 4-D (TCLP)	<0.1	mg/l	8151A	04/12/2006
2 4 5-TP (TCLP)	<0.01	mg/l	8151A	04/12/2006
DCAA (Surrogate)	133	% [32-158]	8151A	04/12/2006
TCLP METALS				
TCLP Mercury Batch#/Digest Date	445	—	7470A	04/10/2006
TCLP ICP/AA Batch#/Digest Date	1028	—	3010A	04/06/2006
TCLP Metals Batch#/Extraction Date	6568	—	1311	04/04/2006
Arsenic as As (TCLP)	<0.5	mg/l	6010B	04/08/2006
Barium as Ba (TCLP)	4.5	mg/l	6010B	04/08/2006
Cadmium as Cd (TCLP)	<0.1	mg/l	6010B	04/08/2006
Chromium as Cr (TCLP)	<0.1	mg/l	6010B	04/08/2006
Lead as Pb (TCLP)	<0.5	mg/l	6010B	04/08/2006
Mercury as Hg (TCLP)	<0.001	mg/l	7470A	04/10/2006
Selenium as Se (TCLP)	<0.5	mg/l	6010B	04/08/2006
Silver as Ag (TCLP)	<0.2	mg/l	6010B	04/08/2006
TCLP PESTICIDES				
TCLP Pesticides Batch#/Extraction Date	6568	—	1311	04/04/2006
Batch #/Extraction Date - Method 3510C	2696	—	3510C	04/10/2006
Chlordane	<0.01 UJ	mg/l	8081A	04/20/2006
Lindane (G-BHC)	<0.05	mg/l	8081A	04/20/2006
Endrin	<0.005	mg/l	8081A	04/20/2006
Heptachlor	<0.002	mg/l	8081A	04/20/2006
Heptachlor Epoxide	<0.002	mg/l	8081A	04/20/2006
Methoxychlor	<0.5	mg/l	8081A	04/20/2006
Toxaphene	<0.1	mg/l	8081A	04/20/2006
TCMX (Surrogate) TCLP	80	% [12-125]	8081A	04/20/2006
DCB (Surrogate) TCLP	90	% [10-145]	8081A	04/20/2006
TCLP SEMIVOLATILE ORGANICS				
TCLP SVOCs Batch#/Extraction Date	6568	—	1311	04/04/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-22 **Description:** COMPOSITE B4S1, B4S2, B4S3, B4S4, B4S5, B4S6, B4S7, B4S8 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Extraction Date-TCLP SVOCs by 8270	4618	—	3510C	04/05/2006
Total Cresol (TCLP)	<0.08	mg/l	8270C	04/11/2006
1,4-Dichlorobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
2,4-Dinitrotoluene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachlorobutadiene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachlorobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachloroethane (TCLP)	<0.04	mg/l	8270C	04/11/2006
Nitrobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Pyridine (TCLP)	<0.2	mg/l	8270C	04/11/2006
Pentachlorophenol (TCLP)	<0.2	mg/l	8270C	04/11/2006
2,4,5-Trichlorophenol (TCLP)	<0.04	mg/l	8270C	04/11/2006
2,4,6-Trichlorophenol (TCLP)	<0.04	mg/l	8270C	04/11/2006
2-Fluorophenol (TCLP Surrogate)	36	% [10-79]	8270C	04/11/2006
Phenol-d6 (TCLP Surrogate)	27	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (TCLP Surrogate)	77	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (TCLP Surrogate)	101	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (TCLP Surrogate)	47	% [30-141]	8270C	04/11/2006
Terphenyl-d14 (TCLP Surrogate)	84	% [33-138]	8270C	04/11/2006
TCLP VOLATILE ORGANICS				
TCLP VOCs Batch#/Extraction Date	6568	—	1311	04/03/2006
Benzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Carbon Tetrachloride (TCLP)	<0.005	mg/l	8260B	04/07/2006
Chlorobenzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Chloroform (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,4-Dichlorobenzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,2-Dichloroethane (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,1-Dichloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Methyl Ethyl Ketone (TCLP)	<0.1	mg/l	8260B	04/07/2006
Tetrachloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Trichloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Vinyl chloride (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	102	% [72-122]	8260B	04/07/2006
Toluene-d8 (Surrogate)	99	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	96	% [86-114]	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-23 **Description:** MATRIX SPIKE OF 2006030241-1 (METALS), 030241-3 (CATIONS) **Matrix:** SOIL

Date Received: ----

Date Collected: ----- **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	105	% [75-125]	6010B	04/10/2006
Magnesium Dry Basis	77	% [75-125]	6010B	04/10/2006
Potassium Dry Basis	85	% [75-125]	6010B	04/10/2006
Sodium Dry Basis	96	% [75-125]	6010B	04/10/2006
Aluminum Dry Basis	(2)	% [75-125]	6010B	04/08/2006
Antimony Dry Basis	95	% [75-125]	6020	04/07/2006
Arsenic Dry Basis	99	% [75-125]	6010B	04/08/2006
Barium Dry Basis	109	% [75-125]	6010B	04/08/2006
Beryllium Dry Basis	96	% [75-125]	6010B	04/08/2006
Cadmium Dry Basis	91	% [75-125]	6010B	04/08/2006
Chromium Dry Basis	96	% [75-125]	6010B	04/08/2006
Copper Dry Basis	95	% [75-125]	6010B	04/08/2006
Cobalt Dry Basis	92	% [75-125]	6010B	04/08/2006
Iron Dry Basis	(2)	% [75-125]	6010B	04/08/2006
Lead Dry Basis	94	% [75-125]	6010B	04/08/2006
Manganese Dry Basis	95	% [75-125]	6010B	04/08/2006
Mercury Dry Basis	97	% [71-143]	7471B	04/07/2006
Molybdenum Dry Basis	90	% [75-125]	6010B	04/08/2006
Nickel Dry Basis	95	% [75-125]	6010B	04/08/2006
Selenium Dry Basis	104	% [75-125]	6010B	04/08/2006
Silver Dry Basis	95	% [75-125]	6010B	04/08/2006
Thallium Dry Basis	97	% [75-125]	6020	04/07/2006
Vanadium Dry Basis	99	% [75-125]	6010B	04/08/2006
Zinc Dry Basis	101	% [75-125]	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	—	7471B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-24 **Description:** MATRIX SPIKE DUPLICATE OF 2006030241-1 OR 030241-3 **Matrix:** SOIL

Date Received: —

Date Collected: — **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	1	RPD [0-35]	6010B	04/10/2006
Magnesium Dry Basis	0	RPD [0-35]	6010B	04/10/2006
Potassium Dry Basis	2	RPD [0-35]	6010B	04/10/2006
Sodium Dry Basis	7	RPD [0-35]	6010B	04/10/2006
Aluminum Dry Basis	10 (2)	RPD [0-35]	6010B	04/08/2006
Antimony Dry Basis	0	RPD [0-35]	6020	04/07/2006
Arsenic Dry Basis	1	RPD [0-35]	6010B	04/08/2006
Barium Dry Basis	2	RPD [0-35]	6010B	04/08/2006
Beryllium Dry Basis	2	RPD [0-35]	6010B	04/08/2006
Cadmium Dry Basis	1	RPD [0-35]	6010B	04/08/2006
Chromium Dry Basis	0	RPD [0-35]	6010B	04/08/2006
Copper Dry Basis	0	RPD [0-35]	6010B	04/08/2006
Cobalt Dry Basis	0	RPD [0-35]	6010B	04/08/2006
Iron Dry Basis	7 (2)	RPD [0-35]	6010B	04/08/2006
Lead Dry Basis	0	RPD [0-35]	6010B	04/08/2006
Manganese Dry Basis	1	RPD [0-35]	6010B	04/08/2006
Mercury Dry Basis	9	RPD [0-20]	7471B	04/07/2006
Molybdenum Dry Basis	0	RPD [0-35]	6010B	04/08/2006
Nickel Dry Basis	0	RPD [0-35]	6010B	04/08/2006
Selenium Dry Basis	1	RPD [0-35]	6010B	04/08/2006
Silver Dry Basis	0	RPD [0-35]	6010B	04/08/2006
Thallium Dry Basis	0	RPD [0-35]	6020	04/07/2006
Vanadium Dry Basis	0	RPD [0-35]	6010B	04/08/2006
Zinc Dry Basis	0	RPD [0-35]	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	—	7471B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-25 **Description:** DUPLICATE OF 2006030241-3 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/28/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
INORGANICS				
Oxidation-Reduction Potential	135.9@21.1	mV@degrees	2580B	04/13/2006
pH Saturated Paste	6.9	S.U.	S-1.10	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-26 **Description:** MATRIX SPIKE OF 2006030241-22 **Matrix:** TCLP FLUID/SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
REACTIVITY				
Cyanide as HCN (Reactive)	1 (3)	% [54-131]	7.3	04/06/2006
Sulfide as H2S (Reactive)	13 (3)	% [80-120]	7.3	04/07/2006
TCLP HERBICIDES				
Batch #/Extract Date - Method 8151A (Water)	2695	—	8151A	04/11/2006
2 4-D (TCLP)	97	%	8151A	04/12/2006
2 4 5-TP (TCLP)	108	%	8151A	04/12/2006
DCAA (Surrogate)	157	% [32-158]	8151A	04/12/2006
TCLP METALS				
TCLP Mercury Batch#/Digest Date	445	—	7470A	04/10/2006
TCLP ICP/AA Batch#/Digest Date	1028	—	3010A	04/06/2006
TCLP Metals Batch#/Extraction Date	6568	—	1311	04/04/2006
Arsenic as As (TCLP)	100	%	6010B	04/08/2006
Barium as Ba (TCLP)	88	%	6010B	04/08/2006
Cadmium as Cd (TCLP)	94	%	6010B	04/08/2006
Chromium as Cr (TCLP)	93	%	6010B	04/08/2006
Lead as Pb (TCLP)	94	%	6010B	04/08/2006
Mercury as Hg (TCLP)	60	%	7470A	04/10/2006
Selenium as Se (TCLP)	104	%	6010B	04/08/2006
Silver as Ag (TCLP)	90	%	6010B	04/08/2006
TCLP PESTICIDES				
Batch #/Extraction Date - Method 3510C	2696	—	3510C	04/10/2006
Chlordane	NA	—	—	—
Lindane (G-BHC)	91	%	8081A	04/20/2006
Endrin	30	%	8081A	04/20/2006
Heptachlor	90	%	8081A	04/20/2006
Heptachlor Epoxide	86	%	8081A	04/20/2006
Methoxychlor	102	%	8081A	04/20/2006
Toxaphene	NA	—	—	—
TCMX (Surrogate) TCLP	83	% [12-125]	8081A	04/20/2006
DCB (Surrogate) TCLP	90	% [10-145]	8081A	04/20/2006
TCLP SEMIVOLATILE ORGANICS				
TCLP SVOCs Batch#/Extraction Date	6568	—	1311	04/04/2006
Extraction Date-TCLP SVOCs by 8270	4618	—	3510C	04/05/2006
Total Cresol (TCLP)	82	%	8270C	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-26 **Description:** MATRIX SPIKE OF 2006030241-22 **Matrix:** TCLP FLUID/SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,4-Dichlorobenzene (TCLP)	82	%	8270C	04/11/2006
2,4-Dinitrotoluene (TCLP)	82	%	8270C	04/11/2006
Hexachlorobutadiene (TCLP)	72	%	8270C	04/11/2006
Hexachlorobenzene (TCLP)	88	%	8270C	04/11/2006
Hexachloroethane (TCLP)	62	%	8270C	04/11/2006
Nitrobenzene (TCLP)	77	%	8270C	04/11/2006
Pyridine (TCLP)	36	%	8270C	04/11/2006
Pentachlorophenol (TCLP)	26	%	8270C	04/11/2006
2,4,5-Trichlorophenol (TCLP)	76	%	8270C	04/11/2006
2,4,6-Trichlorophenol (TCLP)	77	%	8270C	04/11/2006
2-Fluorophenol (TCLP Surrogate)	39	% [10-79]	8270C	04/11/2006
Phenol-d6 (TCLP Surrogate)	31	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (TCLP Surrogate)	72	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (TCLP Surrogate)	96	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (TCLP Surrogate)	80	% [30-141]	8270C	04/11/2006
Terphenyl-d14 (TCLP Surrogate)	95	% [33-138]	8270C	04/11/2006
TCLP VOLATILE ORGANICS				
TCLP VOCs Batch#/Extraction Date	6568	—	1311	04/03/2006
Benzene (TCLP)	109	%	8260B	04/07/2006
Carbon Tetrachloride (TCLP)	96	%	8260B	04/07/2006
Chlorobenzene (TCLP)	105	%	8260B	04/07/2006
Chloroform (TCLP)	94	%	8260B	04/07/2006
1,4-Dichlorobenzene (TCLP)	102	%	8260B	04/07/2006
1,2-Dichloroethane (TCLP)	85	%	8260B	04/07/2006
1,1-Dichloroethene (TCLP)	112	%	8260B	04/07/2006
Methyl Ethyl Ketone (TCLP)	76	%	8260B	04/07/2006
Tetrachloroethene (TCLP)	96	%	8260B	04/07/2006
Trichloroethene (TCLP)	101	%	8260B	04/07/2006
Vinyl chloride (TCLP)	92	%	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	82	% [72-122]	8260B	04/07/2006
Toluene-d8 (Surrogate)	100	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	93	% [86-114]	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-27 **Description:** EXTRACTION BLANK **Matrix:** TCLP EXT. FLUID

Date Received: ----

Date Collected: ----- **Collected by:** PREPARED BY LAB

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
TCLP HERBICIDES				
Batch #/Extract Date - Method 8151A (Water)	2695	—	8151A	04/10/2006
2 4-D (TCLP)	<0.1	mg/l	8151A	04/12/2006
2 4 5-TP (TCLP)	<0.01	mg/l	8151A	04/12/2006
DCAA (Surrogate)	91	% [32-158]	8151A	04/12/2006
TCLP METALS				
TCLP Mercury Batch#/Digest Date	445	—	7470A	04/10/2006
TCLP ICP/AA Batch#/Digest Date	1028	—	3010A	04/06/2006
TCLP Metals Batch#/Extraction Date	6568	—	1311	04/05/2006
Arsenic as As (TCLP)	<0.5	mg/l	6010B	04/08/2006
Barium as Ba (TCLP)	<0.2	mg/l	6010B	04/08/2006
Cadmium as Cd (TCLP)	<0.1	mg/l	6010B	04/08/2006
Chromium as Cr (TCLP)	<0.1	mg/l	6010B	04/08/2006
Lead as Pb (TCLP)	<0.5	mg/l	6010B	04/08/2006
Mercury as Hg (TCLP)	<0.001	mg/l	7470A	04/10/2006
Selenium as Se (TCLP)	<0.5	mg/l	6010B	04/08/2006
Silver as Ag (TCLP)	<0.2	mg/l	6010B	04/08/2006
TCLP PESTICIDES				
Batch #/Extraction Date - Method 3510C	2696	—	3510C	04/10/2006
Chlordane	<0.01	mg/l	8081A	04/20/2006
Lindane (G-BHC)	<0.05	mg/l	8081A	04/20/2006
Endrin	<0.005	mg/l	8081A	04/20/2006
Heptachlor	<0.002	mg/l	8081A	04/20/2006
Heptachlor Epoxide	<0.002	mg/l	8081A	04/20/2006
Methoxychlor	<0.5	mg/l	8081A	04/20/2006
Toxaphene	<0.1	mg/l	8081A	04/20/2006
TCMX (Surrogate) TCLP	83	% [12-125]	8081A	04/20/2006
DCB (Surrogate) TCLP	90	% [10-145]	8081A	04/20/2006
TCLP SEMIVOLATILE ORGANICS				
TCLP SVOCs Batch#/Extraction Date	6568	—	1311	04/05/2006
Extraction Date-TCLP SVOCs by 8270	4618	—	3510C	04/06/2006
Total Cresol (TCLP)	<0.08	mg/l	8270C	04/11/2006
1,4-Dichlorobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
2,4-Dinitrotoluene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachlorobutadiene (TCLP)	<0.04	mg/l	8270C	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-27 **Description:** EXTRACTION BLANK **Matrix:** TCLP EXT. FLUID

Date Received: -----

Date Collected: ---- **Collected by:** PREPARED BY LAB

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Hexachlorobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Hexachloroethane (TCLP)	<0.04	mg/l	8270C	04/11/2006
Nitrobenzene (TCLP)	<0.04	mg/l	8270C	04/11/2006
Pyridine (TCLP)	<0.2	mg/l	8270C	04/11/2006
Pentachlorophenol (TCLP)	<0.2	mg/l	8270C	04/11/2006
2,4,5-Trichlorophenol (TCLP)	<0.04	mg/l	8270C	04/11/2006
2,4,6-Trichlorophenol (TCLP)	<0.04	mg/l	8270C	04/11/2006
2-Fluorophenol (TCLP Surrogate)	40	% [10-79]	8270C	04/11/2006
Phenol-d6 (TCLP Surrogate)	32	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (TCLP Surrogate)	75	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (TCLP Surrogate)	99	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (TCLP Surrogate)	48	% [30-141]	8270C	04/11/2006
Terphenyl-d14 (TCLP Surrogate)	95	% [33-138]	8270C	04/11/2006
TCLP VOLATILE ORGANICS				
TCLP VOCs Batch#/Extraction Date	6568	----	1311	04/04/2006
Benzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Carbon Tetrachloride (TCLP)	<0.005	mg/l	8260B	04/07/2006
Chlorobenzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Chloroform (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,4-Dichlorobenzene (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,2-Dichloroethane (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,1-Dichloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Methyl Ethyl Ketone (TCLP)	<0.1	mg/l	8260B	04/07/2006
Tetrachloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Trichloroethene (TCLP)	<0.005	mg/l	8260B	04/07/2006
Vinyl chloride (TCLP)	<0.005	mg/l	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	94	% [72-122]	8260B	04/07/2006
Toluene-d8 (Surrogate)	98	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	89	% [86-114]	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-28 **Description:** METHOD BLANK **Matrix:** SOIL/WATER

Date Received: -----

Date Collected: ---- **Collected by:** PREPARED BY LAB

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
INORGANICS				
Oxidation-Reduction Potential	NA	—	—	-----
pH Saturated Paste	NA	-----	-----	—
REACTIVITY				
Cyanide as HCN (Reactive)	<0.1	mg/kg	7.3	04/06/2006
Sulfide as H2S (Reactive)	<100	mg/kg	7.3	04/07/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	3B	mg/l	6010B	04/10/2006
Magnesium Dry Basis	<1	mg/l	6010B	04/10/2006
Potassium Dry Basis	<1	mg/l	6010B	04/10/2006
Sodium Dry Basis	<1	mg/l	6010B	04/10/2006
Aluminum Dry Basis	<0.2	mg/l	6010B	04/08/2006
Antimony Dry Basis	<0.1	mg/l	6020	04/07/2006
Arsenic Dry Basis	<0.1	mg/l	6010B	04/08/2006
Barium Dry Basis	<0.1	mg/l	6010B	04/08/2006
Beryllium Dry Basis	<0.02	mg/l	6010B	04/08/2006
Cadmium Dry Basis	<0.02	mg/l	6010B	04/08/2006
Chromium Dry Basis	<0.1	mg/l	6010B	04/08/2006
Copper Dry Basis	<0.1	mg/l	6010B	04/08/2006
Cobalt Dry Basis	<0.1	mg/l	6010B	04/08/2006
Iron Dry Basis	<1.0	mg/l	6010B	04/08/2006
Lead Dry Basis	<0.1	mg/l	6010B	04/08/2006
Manganese Dry Basis	<0.05	mg/l	6010B	04/08/2006
Mercury Dry Basis	<0.001	mg/l	7471B	04/07/2006
Molybdenum Dry Basis	<0.1	mg/l	6010B	04/08/2006
Nickel Dry Basis	<0.1	mg/l	6010B	04/08/2006
Selenium Dry Basis	<0.1	mg/l	6010B	04/08/2006
Silver Dry Basis	<0.1	mg/l	6010B	04/08/2006
Thallium Dry Basis	<0.05	mg/l	6020	04/07/2006
Vanadium Dry Basis	<0.1	mg/l	6010B	04/08/2006
Zinc Dry Basis	<0.1	mg/l	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	—	3050B-SB	04/06/2006
ICPMS Batch#/Digest Date	NA	—	—	
Mercury Batch #/Digest Date	443	-----	7471B	04/07/2006
TCLP HERBICIDES				

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-28 **Description:** METHOD BLANK **Matrix:** SOIL/WATER

Date Received: -----

Date Collected: ----- **Collected by:** PREPARED BY LAB

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Batch #/Extract Date - Method 8151A (Water)	2695	—	8151A	04/11/2006
2 4-D (TCLP)	<0.001	mg/l	8151A	04/12/2006
2 4 5-TP (TCLP)	<0.0001	mg/l	8151A	04/12/2006
DCAA (Surrogate)	89	% [32-158]	8151A	04/12/2006
TCLP METALS				
TCLP Mercury Batch#/Digest Date	445	—	7470A	04/10/2006
TCLP ICP/AA Batch#/Digest Date	1028	—	3010A	04/06/2006
TCLP Metals Batch#/Extraction Date	NA	—	—	—
Arsenic as As (TCLP)	<0.1	mg/l	6010B	04/08/2006
Barium as Ba (TCLP)	<0.04	mg/l	6010B	04/08/2006
Cadmium as Cd (TCLP)	<0.02	mg/l	6010B	04/08/2006
Chromium as Cr (TCLP)	<0.02	mg/l	6010B	04/08/2006
Lead as Pb (TCLP)	<0.1	mg/l	6010B	04/08/2006
Mercury as Hg (TCLP)	<0.001	mg/l	7470A	04/10/2006
Selenium as Se (TCLP)	<0.1	mg/l	6010B	04/08/2006
Silver as Ag (TCLP)	<0.04	mg/l	6010B	04/08/2006
TCLP SEMIVOLATILE ORGANICS				
TCLP SVOCs Batch#/Extraction Date	NA	—	—	—
Extraction Date-TCLP SVOCs by 8270	4618	-----	3510C	04/04/2006
Total Cresol (TCLP)	<0.02	mg/l	8270C	04/11/2006
1,4-Dichlorobenzene (TCLP)	<0.01	mg/l	8270C	04/11/2006
2,4-Dinitrotoluene (TCLP)	<0.01	mg/l	8270C	04/11/2006
Hexachlorobutadiene (TCLP)	<0.01	mg/l	8270C	04/11/2006
Hexachlorobenzene (TCLP)	<0.01	mg/l	8270C	04/11/2006
Hexachloroethane (TCLP)	<0.01	mg/l	8270C	04/11/2006
Nitrobenzene (TCLP)	<0.01	mg/l	8270C	04/11/2006
Pyridine (TCLP)	<0.05	mg/l	8270C	04/11/2006
Pentachlorophenol (TCLP)	<0.05	mg/l	8270C	04/11/2006
2,4,5-Trichlorophenol (TCLP)	<0.01	mg/l	8270C	04/11/2006
2,4,6-Trichlorophenol (TCLP)	<0.01	mg/l	8270C	04/11/2006
2-Fluorophenol (TCLP Surrogate)	30	% [10-79]	8270C	04/11/2006
Phenol-d6 (TCLP Surrogate)	26	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (TCLP Surrogate)	70	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (TCLP Surrogate)	100	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (TCLP Surrogate)	56	% [30-141]	8270C	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-28 **Description:** METHOD BLANK **Matrix:** SOIL/WATER

Date Received: ----

Date Collected: ---- **Collected by:** PREPARED BY LAB

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Terphenyl-d14 (TCLP Surrogate)	94	% [33-138]	8270C	04/11/2006
TCLP VOLATILE ORGANICS				
TCLP VOCs Batch#/Extraction Date	NA	—	-----	—
Benzene (TCLP)	<0.001	mg/l	8260B	04/07/2006
Carbon Tetrachloride (TCLP)	<0.001	mg/l	8260B	04/07/2006
Chlorobenzene (TCLP)	<0.001	mg/l	8260B	04/07/2006
Chloroform (TCLP)	<0.001	mg/l	8260B	04/07/2006
1,4-Dichlorobenzene (TCLP)	<0.001	mg/l	8260B	04/07/2006
1,2-Dichloroethane (TCLP)	<0.001	mg/l	8260B	04/07/2006
1,1-Dichloroethene (TCLP)	<0.001	mg/l	8260B	04/07/2006
Methyl Ethyl Ketone (TCLP)	<0.02	mg/l	8260B	04/07/2006
Tetrachloroethene (TCLP)	<0.001	mg/l	8260B	04/07/2006
Trichloroethene (TCLP)	<0.001	mg/l	8260B	04/07/2006
Vinyl chloride (TCLP)	<0.001	mg/l	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	98	% [72-122]	8260B	04/07/2006
Toluene-d8 (Surrogate)	98	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	94	% [86-114]	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-29 **Description:** LABORATORY CONTROL SAMPLE **Matrix:** SOIL/WATER

Date Received: -----

Date Collected: —— **Collected by:** PREPARED BY LAB

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
INORGANICS				
Oxidation-Reduction Potential	101	% [98-102]	2580B	04/13/2006
pH Saturated Paste	101	% [95-105]	S-1.10	04/13/2006
REACTIVITY				
Cyanide as HCN (Reactive)	2 (3)	% [76-113]	7.3	04/06/2006
Sulfide as H2S (Reactive)	34 (3)	% [80-120]	7.3	04/07/2006
TARGET ANALYTE LIST (SOIL)				
Calcium Dry Basis	118	% [75-125]	6010B	04/10/2006
Magnesium Dry Basis	97	% [75-125]	6010B	04/10/2006
Potassium Dry Basis	98	% [75-125]	6010B	04/10/2006
Sodium Dry Basis	98	% [75-125]	6010B	04/10/2006
Aluminum Dry Basis	99	% [75-125]	6010B	04/08/2006
Antimony Dry Basis	100	% [75-125]	6020	04/07/2006
Arsenic Dry Basis	94	% [75-125]	6010B	04/08/2006
Barium Dry Basis	94	% [75-125]	6010B	04/08/2006
Beryllium Dry Basis	94	% [75-125]	6010B	04/08/2006
Cadmium Dry Basis	94	% [75-125]	6010B	04/08/2006
Chromium Dry Basis	94	% [75-125]	6010B	04/08/2006
Copper Dry Basis	92	% [75-125]	6010B	04/08/2006
Cobalt Dry Basis	92	% [75-125]	6010B	04/08/2006
Iron Dry Basis	103	% [75-125]	6010B	04/08/2006
Lead Dry Basis	97	% [75-125]	6010B	04/08/2006
Manganese Dry Basis	94	% [75-125]	6010B	04/08/2006
Mercury Dry Basis	85	% [82-125]	7471B	04/07/2006
Molybdenum Dry Basis	90	% [75-125]	6010B	04/08/2006
Nickel Dry Basis	98	% [75-125]	6010B	04/08/2006
Selenium Dry Basis	103	% [75-125]	6010B	04/08/2006
Silver Dry Basis	94	% [75-125]	6010B	04/08/2006
Thallium Dry Basis	99	% [75-125]	6020	04/07/2006
Vanadium Dry Basis	97	% [75-125]	6010B	04/08/2006
Zinc Dry Basis	99	% [75-125]	6010B	04/08/2006
ICP/AA Batch#/Digest Date	1027	——	3050B-SB	04/06/2006
ICPMS Batch#/Digest Date	NA	——	-----	
Mercury Batch #/Digest Date	443	——	7471B	04/07/2006
TCLP HERBICIDES				

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-29 **Description:** LABORATORY CONTROL SAMPLE **Matrix:** SOIL/WATER

Date Received: -----

Date Collected: ----- **Collected by:** PREPARED BY LAB

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Batch #/Extract Date - Method 8151A (Water)	2695	—	8151A	04/11/2006
2 4-D (TCLP)	64	% [48-214]	8151A	04/12/2006
2 4 5-TP (TCLP)	81	% [68-166]	8151A	04/12/2006
DCAA (Surrogate)	95	% [32-158]	8151A	04/12/2006
TCLP METALS				
TCLP Mercury Batch#/Digest Date	445	-----	7470A	04/10/2006
TCLP ICP/AA Batch#/Digest Date	1028	—	3010A	04/06/2006
TCLP Metals Batch#/Extraction Date	NA	—	—	—
Arsenic as As (TCLP)	94	% [75-125]	6010B	04/08/2006
Barium as Ba (TCLP)	96	% [75-125]	6010B	04/08/2006
Cadmium as Cd (TCLP)	94	% [75-125]	6010B	04/08/2006
Chromium as Cr (TCLP)	94	% [75-125]	6010B	04/08/2006
Lead as Pb (TCLP)	98	% [75-125]	6010B	04/08/2006
Mercury as Hg (TCLP)	98	% [84-118]	7470A	04/10/2006
Selenium as Se (TCLP)	96	% [75-125]	6010B	04/08/2006
Silver as Ag (TCLP)	94	% [75-125]	6010B	04/08/2006
TCLP PESTICIDES				
Batch #/Extraction Date - Method 3510C	2696	—	3510C	04/10/2006
Chlordane	31 (6)	% [70-130]	8081A	04/20/2006
Lindane (G-BHC)	93	% [47-131]	8081A	04/20/2006
Endrin	104	% [57-153]	8081A	04/20/2006
Heptachlor	92	% [48-127]	8081A	04/20/2006
Heptachlor Epoxide	89	% [61-123]	8081A	04/20/2006
Methoxychlor	103	% [55-164]	8081A	04/20/2006
Toxaphene	139	% [61-144]	8081A	04/20/2006
TCMX (Surrogate) TCLP	83	% [12-125]	8081A	04/20/2006
DCB (Surrogate) TCLP	85	% [10-145]	8081A	04/20/2006
TCLP SEMIVOLATILE ORGANICS				
TCLP SVOCs Batch#/Extraction Date	NA	—	—	—
Extraction Date-TCLP SVOCs by 8270	4618	—	3510C	04/04/2006
Total Cresol (TCLP)	85	% [24-118]	8270C	04/11/2006
1,4-Dichlorobenzene (TCLP)	82	% [36-114]	8270C	04/11/2006
2,4-Dinitrotoluene (TCLP)	79	% [26-123]	8270C	04/11/2006
Hexachlorobutadiene (TCLP)	72	% [24-100]	8270C	04/11/2006
Hexachlorobenzene (TCLP)	80	% [15-127]	8270C	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030241-29 **Description:** LABORATORY CONTROL SAMPLE **Matrix:** SOIL/WATER

Date Received: -----

Date Collected: ----- **Collected by:** PREPARED BY LAB

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Hexachloroethane (TCLP)	59	% [19-94]	8270C	04/11/2006
Nitrobenzene (TCLP)	78	% [27-101]	8270C	04/11/2006
Pyridine (TCLP)	30	% [10-94]	8270C	04/11/2006
Pentachlorophenol (TCLP)	41	% [20-118]	8270C	04/11/2006
2,4,5-Trichlorophenol (TCLP)	76	% [31-105]	8270C	04/11/2006
2,4,6-Trichlorophenol (TCLP)	78	% [34-103]	8270C	04/11/2006
2-Fluorophenol (TCLP Surrogate)	39	% [10-79]	8270C	04/11/2006
Phenol-d6 (TCLP Surrogate)	32	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (TCLP Surrogate)	88	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (TCLP Surrogate)	93	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (TCLP Surrogate)	80	% [30-141]	8270C	04/11/2006
Terphenyl-d14 (TCLP Surrogate)	111	% [33-138]	8270C	04/11/2006
TCLP VOLATILE ORGANICS				
TCLP VOCs Batch#/Extraction Date	NA	----	----	----
Benzene (TCLP)	104	% [80-116]	8260B	04/07/2006
Carbon Tetrachloride (TCLP)	90	% [66-127]	8260B	04/07/2006
Chlorobenzene (TCLP)	99	% [82-109]	8260B	04/07/2006
Chloroform (TCLP)	91	% [75-121]	8260B	04/07/2006
1,4-Dichlorobenzene (TCLP)	98	% [70-130]	8260B	04/07/2006
1,2-Dichloroethane (TCLP)	96	% [67-125]	8260B	04/07/2006
1,1-Dichloroethene (TCLP)	103	% [60-115]	8260B	04/07/2006
Methyl Ethyl Ketone (TCLP)	87	% [62-128]	8260B	04/07/2006
Tetrachloroethene (TCLP)	95	% [71-120]	8260B	04/07/2006
Trichloroethene (TCLP)	95	% [76-109]	8260B	04/07/2006
Vinyl chloride (TCLP)	88	% [61-120]	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	95	% [72-122]	8260B	04/07/2006
Toluene-d8 (Surrogate)	101	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	94	% [86-114]	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8260B QUALITY CONTROL

Sample No.: 2006040003-17 **Description:** METHOD BLANK; 8260 BATCH 9542 **Matrix:** SOIL

Date Received: ----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061008	—	8260B	
Benzene	<0.05	mg/kg	8260B	04/06/2006
Bromobenzene	<0.05	mg/kg	8260B	04/06/2006
Bromochloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromodichloromethane	<0.05	mg/kg	8260B	04/06/2006
Bromoform	<0.05	mg/kg	8260B	04/06/2006
Bromomethane	<0.05	mg/kg	8260B	04/06/2006
n-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
sec-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
t-Butylbenzene	<0.05	mg/kg	8260B	04/06/2006
Carbon tetrachloride	<0.05	mg/kg	8260B	04/06/2006
Chlorobenzene	<0.05	mg/kg	8260B	04/06/2006
Chloroethane	<0.05	mg/kg	8260B	04/06/2006
Chloroform	<0.05	mg/kg	8260B	04/06/2006
Chloromethane (Methyl chloride)	<0.05	mg/kg	8260B	04/06/2006
2-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
4-Chlorotoluene	<0.05	mg/kg	8260B	04/06/2006
Dibromochloromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dibromo-3-chloropropane	<0.25	mg/kg	8260B	04/06/2006
1,2-Dibromoethane	<0.05	mg/kg	8260B	04/06/2006
Dibromomethane	<0.05	mg/kg	8260B	04/06/2006
Dichlorodifluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,4-Dichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
c-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
t-1,2-Dichloroethene	<0.05	mg/kg	8260B	04/06/2006
1,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,3-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
2,2-Dichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,1-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8260B QUALITY CONTROL

Sample No.: 2006040003-17 **Description:** METHOD BLANK; 8260 BATCH 9542 **Matrix:** SOIL

Date Received: ——

Date Collected: ——— **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
c-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
t-1,3-Dichloropropene	<0.05	mg/kg	8260B	04/06/2006
Ethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Hexachlorobutadiene	<0.05	mg/kg	8260B	04/06/2006
Cumene (Isopropylbenzene)	<0.05	mg/kg	8260B	04/06/2006
Isopropyltoluene	<0.05	mg/kg	8260B	04/06/2006
Methylene chloride	<0.25	mg/kg	8260B	04/06/2006
Methyl-tert-butyl ether	<0.05	mg/kg	8260B	04/06/2006
Naphthalene	<0.05	mg/kg	8260B	04/06/2006
n-Propylbenzene	<0.05	mg/kg	8260B	04/06/2006
Styrene	<0.05	mg/kg	8260B	04/06/2006
1,1,1,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2,2-Tetrachloroethane	<0.05	mg/kg	8260B	04/06/2006
Tetrachloroethene	<0.05	mg/kg	8260B	04/06/2006
Toluene	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trichlorobenzene	<0.05	mg/kg	8260B	04/06/2006
1,1,1-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
1,1,2-Trichloroethane	<0.05	mg/kg	8260B	04/06/2006
Trichloroethene	<0.05	mg/kg	8260B	04/06/2006
Trichlorofluoromethane	<0.05	mg/kg	8260B	04/06/2006
1,2,3-Trichloropropane	<0.05	mg/kg	8260B	04/06/2006
1,2,4-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
1,3,5-Trimethylbenzene	<0.05	mg/kg	8260B	04/06/2006
Vinyl Acetate	<0.25	mg/kg	8260B	04/06/2006
Vinyl chloride	<0.05	mg/kg	8260B	04/06/2006
Total Xylenes	<0.15	mg/kg	8260B	04/06/2006
Acrylonitrile	<0.50	mg/kg	8260B	04/06/2006
Carbon disulfide	<0.05	mg/kg	8260B	04/06/2006
Iodomethane (Methyl Iodide)	<0.25	mg/kg	B8260	04/06/2006
t-1,4-Dichloro-2-butene	<0.50	mg/kg	8260B	04/06/2006
Ethylmethacrylate	<0.05	mg/kg	8260B	04/06/2006
Acetone	<0.50	mg/kg	8260B	04/06/2006
Methyl Ethyl Ketone (2-Butanone)	<0.25	mg/kg	8260B	04/06/2006
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.25	mg/kg	8260B	04/06/2006
2-Hexanone (Methyl Butyl Ketone)	<0.25	mg/kg	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8260B QUALITY CONTROL

Sample No.: 2006040003-17 **Description:** METHOD BLANK; 8260 BATCH 9542 **Matrix:** SOIL

Date Received: ---

Date Collected: --- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2-Dichloroethane-d4 (Surrogate)	85	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	95	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	83	% [76-120]	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8260B QUALITY CONTROL

Sample No.: 2006040003-18 **Description:** LABORATORY CONTROL SAMPLE; 8260 BATCH 9542 **Matrix:** SOIL

Date Received: ---

Date Collected: ---- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061005	-----	8260B	
Benzene	103	% [80-116]	8260B	04/06/2006
Chlorobenzene	96	% [82-109]	8260B	04/06/2006
1,1-Dichloroethene	93	% [60-115]	8260B	04/06/2006
Toluene	89	% [79-111]	8260B	04/06/2006
Trichloroethene	89	% [76-109]	8260B	04/06/2006
1,2-Dichloroethane-d4 (Surrogate)	101	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	94	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	90	% [76-120]	8260B	04/06/2006

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8260B QUALITY CONTROL

Sample No.: 2006040003-19 **Description:** MATRIX SPIKE OF 2006020241-1; 8260 BATCH 9542 **Matrix:** SOIL

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061021	—	8260B	
Benzene	104	% [70-126]	8260B	04/06/2006
Chlorobenzene	98	% [82-109]	8260B	04/06/2006
1,1-Dichloroethene	100	% [57-119]	8260B	04/06/2006
Toluene	93	% [78-114]	8260B	04/06/2006
Trichloroethene	94	% [77-107]	8260B	04/06/2006
1,2-Dichloroethane-d4 (Surrogate)	99	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	97	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	87	% [76-120]	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8260B QUALITY CONTROL

Sample No.: 2006040003-20 **Description:** MATRIX SPIKE DUPLICATE OF 2006030241-1; BATCH 9542 **Matrix:** SOIL

Date Received: 04/01/2006

Date Collected: —— **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VOLATILE ORGANIC COMPOUNDS				
Data File Number-Volatiles	0406061022	——	8260B	
Benzene	1	RPD [0-20]	8260B	04/06/2006
Chlorobenzene	2	RPD [0-20]	8260B	04/06/2006
1,1-Dichloroethene	4	RPD [0-20]	8260B	04/06/2006
Toluene	4	RPD [0-20]	8260B	04/06/2006
Trichloroethene	3	RPD [0-20]	8260B	04/06/2006
1,2-Dichloroethane-d4 (Surrogate)	96	% [65-118]	8260B	04/06/2006
Toluene-d8 (Surrogate)	98	% [85-112]	8260B	04/06/2006
4-Bromofluorobenzene (Surrogate)	90	% [76-120]	8260B	04/06/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-5 **Description:** METHOD BLANK; 8270 BATCH 4620 **Matrix:** SOIL

Date Received: ----

Date Collected: ---- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0412061009	—	8270C	04/12/2006
Batch #/Extract Date - EPA 8270	4620	-----	3550B	04/10/2006
Acenaphthene (SV)	<0.1	mg/kg	8270C	04/12/2006
Acenaphthylene (SV)	<0.1	mg/kg	8270C	04/12/2006
Anthracene (SV)	<0.1	mg/kg	8270C	04/12/2006
Benzo[a]anthracene (SV)	<0.1	mg/kg	8270C	04/12/2006
Benzo[a]pyrene (SV)	<0.1	mg/kg	8270C	04/12/2006
Benzo[b]fluoranthene (SV)	<0.1	mg/kg	8270C	04/12/2006
Benzo[k]fluoranthene (SV)	<0.1	mg/kg	8270C	04/12/2006
Benzo[g,h,i]perylene (SV)	<0.1	mg/kg	8270C	04/12/2006
Benzoic acid (SV)	<0.2	mg/kg	8270C	04/12/2006
Benzyl alcohol (SV)	<0.1	mg/kg	8270C	04/12/2006
Bis(2-chloroethoxy)methane (SV)	<0.1	mg/kg	8270C	04/12/2006
Bis(2-chloroethyl)ether (SV)	<0.2	mg/kg	8270C	04/12/2006
Bis(2-chloroisopropyl)ether (SV)	<0.1	mg/kg	8270C	04/12/2006
Bis(2-ethylhexyl)phthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
4-Bromophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/12/2006
Butylbenzylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
Carbazole (SV)	<0.1	mg/kg	8270C	04/12/2006
4-Chloroaniline (SV)	<0.5	mg/kg	8270C	04/12/2006
4-Chloro-3-methylphenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Chloronaphthalene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Chlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
4-Chlorophenyl phenyl ether (SV)	<0.1	mg/kg	8270C	04/12/2006
Chrysene (SV)	<0.1	mg/kg	8270C	04/12/2006
Dibenzofuran (SV)	<0.1	mg/kg	8270C	04/12/2006
Dibenzo[a,h]anthracene (SV)	<0.1	mg/kg	8270C	04/12/2006
Diethylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
1,2-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
Diphenylamine (SV)	<0.1	mg/kg	8270C	04/12/2006
1,3-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
1,4-Dichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
3,3'-Dichlorobenzidine (SV)	<0.5	mg/kg	8270C	04/12/2006
2,4-Dichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-5 **Description:** METHOD BLANK; 8270 BATCH 4620 **Matrix:** SOIL

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol (SV)	<0.1	mg/kg	8270C	04/12/2006
Dimethylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
4,6-Dinitro-2-methylphenol (SV)	<0.2	mg/kg	8270C	04/12/2006
2,4-Dinitrophenol (SV)	<1.0	mg/kg	8270C	04/12/2006
Di-n-Butylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/12/2006
2,6-Dinitrotoluene (SV)	<0.1	mg/kg	8270C	04/12/2006
Di-n-octylphthalate (SV)	<0.1	mg/kg	8270C	04/12/2006
Fluoranthene (SV)	<0.1	mg/kg	8270C	04/12/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
Fluorene (SV)	<0.1	mg/kg	8270C	04/12/2006
Hexachlorobenzene (SV)	<0.2	mg/kg	8270C	04/12/2006
Hexachlorobutadiene (SV)	<0.1	mg/kg	8270C	04/12/2006
Hexachlorocyclopentadiene (SV)	<0.2	mg/kg	8270C	04/12/2006
Hexachloroethane (SV)	<0.1	mg/kg	8270C	04/12/2006
Indeno(1,2,3-c,d)pyrene (SV)	<0.1	mg/kg	8270C	04/12/2006
Isophorone (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Methylnaphthalene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Methylphenol o-cresol (SV)	<0.1	mg/kg	8270C	04/12/2006
4-,3-Methylphenol p-,m-cresols (SV)	<0.1	mg/kg	8270C	04/12/2006
Naphthalene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Nitroaniline (SV)	<0.1	mg/kg	8270C	04/12/2006
3-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/12/2006
4-Nitroaniline (SV)	<0.3	mg/kg	8270C	04/12/2006
Nitrobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Nitrophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
4-Nitrophenol (SV)	<0.2	mg/kg	8270C	04/12/2006
N-Nitrosodimethylamine (SV)	<0.1	mg/kg	8270C	04/12/2006
N-Nitrosodiphenylamine (SV)	<0.2	mg/kg	8270C	04/12/2006
N-Nitrosodi-n-propyl amine (SV)	<0.1	mg/kg	8270C	04/12/2006
Pentachlorophenol (SV)	<0.2	mg/kg	8270C	04/12/2006
Phenanthrene (SV)	<0.1	mg/kg	8270C	04/12/2006
Phenol (SV)	<0.1	mg/kg	8270C	04/12/2006
Pyrene (SV)	<0.1	mg/kg	8270C	04/12/2006
Pyridine (SV)	<1.0	mg/kg	8270C	04/12/2006
1,2,4-Trichlorobenzene (SV)	<0.1	mg/kg	8270C	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-5 **Description:** METHOD BLANK; 8270 BATCH 4620 **Matrix:** SOIL

Date Received: ----

Date Collected: ---- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4,5-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2,4,6-Trichlorophenol (SV)	<0.1	mg/kg	8270C	04/12/2006
2-Fluorophenol (Surrogate)	50	% [19-90]	8270C	04/12/2006
Phenol-d6 (Surrogate)	66	% [34-102]	8270C	04/12/2006
Nitrobenzene-d5 (Surrogate)	69	% [32-118]	8270C	04/12/2006
2-Fluorobiphenyl (Surrogate)	89	% [46-131]	8270C	04/12/2006
2,4,6-Tribromophenol (Surrogate)	55	% [13-142]	8270C	04/12/2006
Terphenyl-d14 (Surrogate)	106	% [40-144]	8270C	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-6 **Description:** LABORATORY CONTROL SAMPLE; 8270 BATCH 4620 **Matrix:** SOIL

Date Received: -----

Date Collected: ---- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0412061010	-----	8270C	04/12/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	65	% [45-114]	8270C	04/12/2006
4-Chloro-3-methylphenol (SV)	74	% [39-103]	8270C	04/12/2006
2-Chlorophenol (SV)	55	% [39-86]	8270C	04/12/2006
1,4-Dichlorobenzene (SV)	71	% [42-96]	8270C	04/12/2006
2,4-Dinitrotoluene (SV)	68	% [28-103]	8270C	04/12/2006
4-Nitrophenol (SV)	38	% [10-110]	8270C	04/12/2006
N-Nitrosodi-n-propyl amine (SV)	67	% [34-117]	8270C	04/12/2006
Pentachlorophenol (SV)	41	% [10-106]	8270C	04/12/2006
Phenol (SV)	56	% [31-96]	8270C	04/12/2006
Pyrene (SV)	77	% [38-133]	8270C	04/12/2006
1,2,4-Trichlorobenzene (SV)	64	% [38-112]	8270C	04/12/2006
2-Fluorophenol (Surrogate)	53	% [19-90]	8270C	04/12/2006
Phenol-d6 (Surrogate)	71	% [34-102]	8270C	04/12/2006
Nitrobenzene-d5 (Surrogate)	70	% [32-118]	8270C	04/12/2006
2-Fluorobiphenyl (Surrogate)	86	% [46-131]	8270C	04/12/2006
2,4,6-Tribromophenol (Surrogate)	69	% [13-142]	8270C	04/12/2006
Terphenyl-d14 (Surrogate)	96	% [40-144]	8270C	04/12/2006

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-7 **Description:** MATRIX SPIKE OF 2006030241-10; 8270 BATCH 4620 **Matrix:** SOIL

Date Received: ----

Date Collected: ----- **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0413061016	—	8270C	04/13/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	72	% [45-114]	8270C	04/13/2006
4-Chloro-3-methylphenol (SV)	74	% [39-103]	8270C	04/13/2006
2-Chlorophenol (SV)	70	% [39-86]	8270C	04/13/2006
1,4-Dichlorobenzene (SV)	78	% [42-96]	8270C	04/13/2006
2,4-Dinitrotoluene (SV)	65	% [28-103]	8270C	04/13/2006
4-Nitrophenol (SV)	16	% [10-110]	8270C	04/13/2006
N-Nitrosodi-n-propyl amine (SV)	76	% [34-117]	8270C	04/13/2006
Pentachlorophenol (SV)	0 (4)	% [10-106]	8270C	04/13/2006
Phenol (SV)	67	% [31-96]	8270C	04/13/2006
Pyrene (SV)	28 (4)	% [38-133]	8270C	04/13/2006
1,2,4-Trichlorobenzene (SV)	73	% [38-112]	8270C	04/13/2006
2-Fluorophenol (Surrogate)	73	% [19-90]	8270C	04/13/2006
Phenol-d6 (Surrogate)	78	% [34-102]	8270C	04/13/2006
Nitrobenzene-d5 (Surrogate)	86	% [32-118]	8270C	04/13/2006
2-Fluorobiphenyl (Surrogate)	119	% [46-131]	8270C	04/13/2006
2,4,6-Tribromophenol (Surrogate)	109	% [13-142]	8270C	04/13/2006
Terphenyl-d14 (Surrogate)	33 (3)	% [40-144]	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-8 **Description:** MATRIX SPIKE DUPLICATE OF 2006030241-10; BATCH 4620 **Matrix:** SOIL

Date Received: -----

Date Collected: ----- **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0413061017	-----	8270C	04/13/2006
Batch #/Extract Date - EPA 8270	4620	—	3550B	04/10/2006
Acenaphthene (SV)	9	RPD [0-20]	8270C	04/13/2006
4-Chloro-3-methylphenol (SV)	9	RPD [0-20]	8270C	04/13/2006
2-Chlorophenol (SV)	1	RPD [0-20]	8270C	04/13/2006
1,4-Dichlorobenzene (SV)	9	RPD [0-20]	8270C	04/13/2006
2,4-Dinitrotoluene (SV)	2	RPD [0-20]	8270C	04/13/2006
4-Nitrophenol (SV)	15	RPD [0-20]	8270C	04/13/2006
N-Nitrosodi-n-propyl amine (SV)	6	RPD [0-20]	8270C	04/13/2006
Pentachlorophenol (SV)	0 (4)	RPD [0-20]	8270C	04/13/2006
Phenol (SV)	2	RPD [0-20]	8270C	04/13/2006
Pyrene (SV)	3	RPD [0-20]	8270C	04/13/2006
1,2,4-Trichlorobenzene (SV)	12	RPD [0-20]	8270C	04/13/2006
2-Fluorophenol (Surrogate)	71	% [19-90]	8270C	04/13/2006
Phenol-d6 (Surrogate)	77	% [34-102]	8270C	04/13/2006
Nitrobenzene-d5 (Surrogate)	86	% [32-118]	8270C	04/13/2006
2-Fluorobiphenyl (Surrogate)	129	% [46-131]	8270C	04/13/2006
2,4,6-Tribromophenol (Surrogate)	89	% [13-142]	8270C	04/13/2006
Terphenyl-d14 (Surrogate)	31 (3)	% [40-144]	8270C	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: EPH SOIL QUALITY CONTROL

Sample No.: 2006040005-1 **Description:** METHOD BLANK; EPH BATCH 3981 **Matrix:** SOIL

Date Received: ----

Date Collected: ---- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS AND PAHs IN SOIL				
Acenaphthene, dry basis	NA	---	---	
Anthracene, dry basis	NA	---	---	
Benzo(a)anthracene, dry basis	NA	---	---	
Benzo(a)pyrene, dry basis	NA	---	---	
Benzo(b)fluoranthene, dry basis	NA	---	---	
Benzo(k)fluoranthene, dry basis	NA	---	---	
Chrysene, dry basis	NA	---	---	
Dibenzo(a,h)anthracene, dry basis	NA	---	---	
Fluoranthene, dry basis	NA	---	---	
Fluorene, dry basis	NA	---	---	
Indeno(1,2,3-cd)pyrene, dry basis	NA	---	---	
Naphthalene, dry basis	NA	---	---	
Pyrene, dry basis	NA	---	---	
C9-C18 Aliphatics, dry basis	<10	mg/kg	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	<10	mg/kg	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	<10	mg/kg	MDEP-EPH-98	04/14/2006
C11-C22 Aromatics, dry basis	<10	mg/kg	MDEP-EPH-98	04/14/2006
Aliphatic Surrogate Recovery	67	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	81	% [40-140]	MDEP-EPH-98	04/14/2006
Fractionation Surrogate Recovery (FBP)	94	% [40-140]	MDEP-EPH-98	04/14/2006
Fractionation Surrogate Recovery (BN)	90	% [40-140]	MDEP-EPH-98	04/14/2006
EPH SCREEN IN SOIL				
Moisture	NA	---	---	
Batch #/Extract Date - EPH in Soil	3981	----	MDEP-EPH-98	04/03/2006
Total Extractable Hydrocarbons dry basis	<10	mg/kg	MDEP-EPH-98	04/03/2006
EPH Screen Surrogate Recovery	89	% [40-140]	MDEP-EPH-98	04/03/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: EPH SOIL QUALITY CONTROL

Sample No.: 2006040005-2 **Description:** LABORATORY CONTROL SAMPLE; EPH BATCH 3981 **Matrix:** SOIL

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS AND PAHs IN SOIL				
Acenaphthene, dry basis	NA	---	---	
Anthracene, dry basis	NA	---	---	
Benzo(a)anthracene, dry basis	NA	---	---	
Benzo(a)pyrene, dry basis	NA	---	---	
Benzo(b)fluoranthene, dry basis	NA	---	---	
Benzo(k)fluoranthene, dry basis	NA	---	---	
Chrysene, dry basis	NA	---	---	
Dibenzo(a,h)anthracene, dry basis	NA	---	---	
Fluoranthene, dry basis	NA	---	---	
Fluorene, dry basis	NA	---	---	
Indeno(1,2,3-cd)pyrene, dry basis	NA	---	---	
Naphthalene, dry basis	NA	---	---	
Pyrene, dry basis	NA	---	---	
C9-C18 Aliphatics, dry basis	47	% [40-140]	MDEP-EPH-98	04/14/2006
C19-C36 Aliphatics, dry basis	78	% [40-140]	MDEP-EPH-98	04/14/2006
Unadjusted C11-C22 Aromatics, dry basis	61	% [40-140]	MDEP-EPH-98	04/14/2006
C11-C22 Aromatics, dry basis	61	% [40-140]	MDEP-EPH-98	04/14/2006
Aliphatic Surrogate Recovery	70	% [40-140]	MDEP-EPH-98	04/14/2006
Aromatic Surrogate Recovery	72	% [40-140]	MDEP-EPH-98	04/14/2006
Fractionation Surrogate Recovery (FBP)	89	% [40-140]	MDEP-EPH-98	04/14/2006
Fractionation Surrogate Recovery (BN)	86	% [40-140]	MDEP-EPH-98	04/14/2006
EPH SCREEN IN SOIL				
Moisture	NA	-----	---	
Batch #/Extract Date - EPH in Soil	3981	---	MDEP-EPH-98	04/03/2006
Total Extractable Hydrocarbons dry basis	72	% [40-140]	MDEP-EPH-98	04/03/2006
EPH Screen Surrogate Recovery	87	% [40-140]	MDEP-EPH-98	04/03/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: EPH SOIL QUALITY CONTROL

Sample No.: 2006040005-3 **Description:** MATRIX SPIKE OF2006030260-2, EPH BATCH 3981 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/31/2006 **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS AND PAHs IN SOIL				
Acenaphthene, dry basis	NA	-----	----	
Anthracene, dry basis	NA	----	-----	
Benzo(a)anthracene, dry basis	NA	----	----	
Benzo(a)pyrene, dry basis	NA	-----	----	
Benzo(b)fluoranthene, dry basis	NA	----	-----	
Benzo(k)fluoranthene, dry basis	NA	-----	----	
Chrysene, dry basis	NA	----	-----	
Dibenzo(a,h)anthracene, dry basis	NA	-----	----	
Fluoranthene, dry basis	NA	----	-----	
Fluorene, dry basis	NA	-----	----	
Indeno(1,2,3-cd)pyrene, dry basis	NA	----	----	
Naphthalene, dry basis	NA	-----	----	
Pyrene, dry basis	NA	----	-----	
C9-C18 Aliphatics, dry basis	NA	----	----	
C19-C36 Aliphatics, dry basis	NA	-----	-----	
Unadjusted C11-C22 Aromatics, dry basis	NA	-----	----	
C11-C22 Aromatics, dry basis	NA	----	-----	
Aliphatic Surrogate Recovery	NA	-----	----	
Aromatic Surrogate Recovery	NA	-----	-----	
Fractionation Surrogate Recovery (FBP)	NA	----	----	
Fractionation Surrogate Recovery (BN)	NA	-----	-----	
EPH SCREEN IN SOIL				
Moisture	NA	-----	-----	
Batch #/Extract Date - EPH in Soil	3981	----	MDEP-EPH-98	04/03/2006
Total Extractable Hydrocarbons dry basis	86	% [40-140]	MDEP-EPH-98	04/03/2006
EPH Screen Surrogate Recovery	95	% [40-140]	MDEP-EPH-98	04/03/2006

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: EPH SOIL QUALITY CONTROL

Sample No.: 2006040005-4 **Description:** DUPLICATE OF 2006030260-2, EPH BATCH 3981 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/31/2006 **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS AND PAHs IN SOIL				
Acenaphthene, dry basis	NA	---	---	
Anthracene, dry basis	NA	---	---	
Benzo(a)anthracene, dry basis	NA	---	---	
Benzo(a)pyrene, dry basis	NA	---	---	
Benzo(b)fluoranthene, dry basis	NA	---	---	
Benzo(k)fluoranthene, dry basis	NA	---	---	
Chrysene, dry basis	NA	---	---	
Dibenzo(a,h)anthracene, dry basis	NA	---	---	
Fluoranthene, dry basis	NA	---	---	
Fluorene, dry basis	NA	---	---	
Indeno(1,2,3-cd)pyrene, dry basis	NA	---	---	
Naphthalene, dry basis	NA	---	---	
Pyrene, dry basis	NA	---	---	
C9-C18 Aliphatics, dry basis	NA	---	---	
C19-C36 Aliphatics, dry basis	NA	---	---	
Unadjusted C11-C22 Aromatics, dry basis	NA	---	---	
C11-C22 Aromatics, dry basis	NA	---	---	
Aliphatic Surrogate Recovery	NA	---	---	
Aromatic Surrogate Recovery	NA	---	---	
Fractionation Surrogate Recovery (FBP)	NA	---	---	
Fractionation Surrogate Recovery (BN)	NA	---	---	
EPH SCREEN IN SOIL				
Moisture	NA	---	---	
Batch #/Extract Date - EPH in Soil	3981	---	MDEP-EPH-98	04/03/2006
Total Extractable Hydrocarbons dry basis	0	RPD [0-50]	MDEP-EPH-98	04/03/2006
EPH Screen Surrogate Recovery	87	% [40-140]	MDEP-EPH-98	04/03/2006

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: VPH SOIL QUALITY CONTROL

Sample No.: 2006040008-5 **Description:** METHOD BLANK, VPH BATCH 9017 **Matrix:** SOIL

Date Received: ----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	-----	----	MDEP-VPH-98	04/03/2006
Moisture	NA	----	-----	----
Total Purgeable Hydrocarbons dry basis	<10	mg/kg	MDEP-VPH-98	04/05/2006
Benzene dry basis	<0.03	mg/kg	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	<0.05	mg/kg	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	<0.03	mg/kg	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	<0.25	mg/kg	MDEP-VPH-98	04/05/2006
Toluene dry basis	<0.05	mg/kg	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	<0.15	mg/kg	MDEP-VPH-98	04/05/2006
Unadjusted C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
Unadjusted C9-C12 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C12 Aliphatics, dry basis	<5	mg/kg	MDEP-VPH-98	04/05/2006
C9-C10 Aromatics, dry basis	<1	mg/kg	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	80	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	98	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	-----	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	----	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: VPH SOIL QUALITY CONTROL

Sample No.: 2006040008-6 **Description:** LABORATORY CONTROL SAMPLE, VPH BATCH 9017 **Matrix:** SOIL

Date Received: —

Date Collected: — **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	—	MDEP-VPH-98	04/03/2006
Moisture	NA	----	----	—
Total Purgeable Hydrocarbons dry basis	111	% [70-130]	MDEP-VPH-98	04/07/2006
Benzene dry basis	101	% [70-130]	MDEP-VPH-98	04/07/2006
Ethylbenzene dry basis	88	% [70-130]	MDEP-VPH-98	04/07/2006
Methyl-tert-butyl ether dry basis	90	% [70-130]	MDEP-VPH-98	04/07/2006
Naphthalene dry basis	108	% [70-130]	MDEP-VPH-98	04/07/2006
Toluene dry basis	99	% [70-130]	MDEP-VPH-98	04/07/2006
Total Xylenes dry basis	84	% [70-130]	MDEP-VPH-98	04/07/2006
Unadjusted C5-C8 Aliphatics, dry basis	111	% [70-130]	MDEP-VPH-98	04/07/2006
Unadjusted C9-C12 Aliphatics, dry basis	93	% [70-130]	MDEP-VPH-98	04/07/2006
C5-C8 Aliphatics, dry basis	NA	—	—	----
C9-C12 Aliphatics, dry basis	NA	----	----	—
C9-C10 Aromatics, dry basis	104	% [70-130]	MDEP-VPH-98	04/07/2006
PID Surrogate Recovery	96	% [70-130]	MDEP-VPH-98	04/07/2006
FID Surrogate Recovery	94	% [70-130]	MDEP-VPH-98	04/07/2006
VPH Arom. Batch Number	9017	----	MDEP-VPH-98	04/07/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: VPH SOIL QUALITY CONTROL

Sample No.: 2006040008-7 **Description:** MATRIX SPIKE OF 2006030241-11, VPH BATCH 9017 **Matrix:** SOIL

Date Received: 03/31/2006

Date Collected: 03/29/2006 **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	—	—	MDEP-VPH-98	04/03/2006
Moisture	NA	-----	—	-----
Total Purgeable Hydrocarbons dry basis	110	% [70-130]	MDEP-VPH-98	04/05/2006
Benzene dry basis	89	% [70-130]	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	84	% [70-130]	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	86	% [70-130]	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	119	% [70-130]	MDEP-VPH-98	04/05/2006
Toluene dry basis	107	% [70-130]	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	119	% [70-130]	MDEP-VPH-98	04/05/2006
Unadjusted C5-C8 Aliphatics, dry basis	139 (3)	% [70-130]	MDEP-VPH-98	04/05/2006
Unadjusted C9-C12 Aliphatics, dry basis	90	% [70-130]	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	NA	—	—	—
C9-C12 Aliphatics, dry basis	NA	—	-----	-----
C9-C10 Aromatics, dry basis	108	% [70-130]	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	95	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	97	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	-----	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	—	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: VPH SOIL QUALITY CONTROL

Sample No.: 2006040008-8 **Description:** DUPLICATE OF 2006030241-7, VPH BATCH 9017 **Matrix:** SOIL

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VPH IN SOIL BY MASSACHUSETTS METHOD				
Extraction Date-Methanol	----	-----	MDEP-VPH-98	04/03/2006
Moisture	NA	----	----	----
Total Purgeable Hydrocarbons dry basis	0	RPD [0-35]	MDEP-VPH-98	04/05/2006
Benzene dry basis	0	RPD [0-35]	MDEP-VPH-98	04/05/2006
Ethylbenzene dry basis	0	RPD [0-35]	MDEP-VPH-98	04/05/2006
Methyl-tert-butyl ether dry basis	0	RPD [0-35]	MDEP-VPH-98	04/05/2006
Naphthalene dry basis	0	RPD [0-35]	MDEP-VPH-98	04/05/2006
Toluene dry basis	0	RPD [0-35]	MDEP-VPH-98	04/05/2006
Total Xylenes dry basis	0	RPD [0-35]	MDEP-VPH-98	04/05/2006
Unadjusted C5-C8 Aliphatics, dry basis	0	RPD [0-35]	MDEP-VPH-98	04/05/2006
Unadjusted C9-C12 Aliphatics, dry basis	0	RPD [0-35]	MDEP-VPH-98	04/05/2006
C5-C8 Aliphatics, dry basis	NA	-----	----	----
C9-C12 Aliphatics, dry basis	NA	----	----	----
C9-C10 Aromatics, dry basis	0	RPD [0-35]	MDEP-VPH-98	04/05/2006
PID Surrogate Recovery	87	% [70-130]	MDEP-VPH-98	04/05/2006
FID Surrogate Recovery	86	% [70-130]	MDEP-VPH-98	04/05/2006
VPH Arom. Batch Number	9017	----	MDEP-VPH-98	04/05/2006
VPH Aliph. Batch Number	9017	----	MDEP-VPH-98	04/05/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8081A/8082 SOIL QUALITY CONTROL

Sample No.: 2006010018-9 **Description:** METHOD BLANK; 8081/8082 BATCH 2693 **Matrix:** SOIL

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
PESTICIDES AND PCBs IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	-----	3550B	04/03/2006
Aroclor 1016	<0.033	mg/kg	8082	04/13/2006
Aroclor 1221	<0.033	mg/kg	8082	04/13/2006
Aroclor 1232	<0.033	mg/kg	8082	04/13/2006
Aroclor 1242	<0.033	mg/kg	8082	04/13/2006
Aroclor 1248	<0.033	mg/kg	8082	04/13/2006
Aroclor 1254	<0.033	mg/kg	8082	04/13/2006
Aroclor 1260	<0.033	mg/kg	8082	04/13/2006
Aldrin	<0.003	mg/kg	8081A	04/21/2006
A-BHC	<0.003	mg/kg	8081A	04/21/2006
B-BHC	<0.003	mg/kg	8081A	04/21/2006
D-BHC	<0.003	mg/kg	8081A	04/21/2006
Lindane (G-BHC)	<0.003	mg/kg	8081A	04/21/2006
A-Chlordane	<0.003	mg/kg	8081A	04/21/2006
G-Chlordane	<0.003	mg/kg	8081A	04/21/2006
4,4-DDD	<0.007	mg/kg	8081A	04/21/2006
4,4-DDE	<0.007	mg/kg	8081A	04/21/2006
4,4-DDT	<0.007	mg/kg	8081A	04/21/2006
Dieldrin	<0.007	mg/kg	8081A	04/21/2006
Endosulfan I	<0.003	mg/kg	8081A	04/21/2006
Endosulfan II	<0.007	mg/kg	8081A	04/21/2006
Endosulfan Sulfate	<0.007	mg/kg	8081A	04/21/2006
Endrin	<0.007	mg/kg	8081A	04/21/2006
Endrin Aldehyde	<0.007	mg/kg	8081A	04/21/2006
Heptachlor	<0.003	mg/kg	8081A	04/21/2006
Heptachlor Epoxide	<0.003	mg/kg	8081A	04/21/2006
Methoxychlor	<0.033	mg/kg	8081A	04/21/2006
Toxaphene	<0.066	mg/kg	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	62	% [11-117]	8081A	04/21/2006
DCB (Surrogate) 8081A Solids	89	% [47-149]	8081A	04/21/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8081A/8082 SOIL QUALITY CONTROL

Sample No.: 2006010018-10 **Description:** LAB CONTROL SAMPLE; 8081/8082 BATCH 2693 **Matrix:** SOIL

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
PESTICIDES AND PCBs IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aroclor 1016	NA	—	—	—
Aroclor 1221	NA	—	—	—
Aroclor 1232	NA	—	—	—
Aroclor 1242	NA	—	—	—
Aroclor 1248	NA	—	—	—
Aroclor 1254	NA	—	—	—
Aroclor 1260	61	% [56-132]	8082	04/13/2006
Aldrin	79	% [70-130]	8081A	04/21/2006
A-BHC	NA	—	—	—
B-BHC	NA	—	—	—
D-BHC	NA	—	—	—
Lindane (G-BHC)	80	% [70-130]	8081A	04/21/2006
A-Chlordane	NA	—	—	—
G-Chlordane	NA	—	—	—
4,4-DDD	NA	—	—	—
4,4-DDE	NA	—	—	—
4,4-DDT	79	% [70-130]	8081A	04/21/2006
Dieldrin	84	% [70-130]	8081A	04/21/2006
Endosulfan I	NA	—	—	—
Endosulfan II	NA	—	—	—
Endosulfan Sulfate	NA	—	—	—
Endrin	91	% [70-130]	8081A	04/21/2006
Endrin Aldehyde	NA	—	—	—
Heptachlor	79	% [70-130]	8081A	04/21/2006
Heptachlor Epoxide	78	% [70-130]	8081A	04/21/2006
Methoxychlor	93	% [70-130]	8081A	04/21/2006
Toxaphene	127	% [70-130]	8081A	04/21/2006
TCMX (Surrogate) 8081A Solids	72	% [11-117]	8081A	04/21/2006
DCB (Surrogate) 8081A Solids	88	% [47-149]	8081A	04/21/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8081A/8082 SOIL QUALITY CONTROL

Sample No.: 2006010018-11 **Description:** MATRIX SPIKE OF 2006030241-10; 8081/8082 BATCH 2693 **Matrix:** SOIL

Date Received: ---

Date Collected: ---- **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
PESTICIDES AND PCBs IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	---	3550B	04/03/2006
Aroclor 1016	NA	-----	---	---
Aroclor 1221	NA	---	-----	-----
Aroclor 1232	NA	-----	---	---
Aroclor 1242	NA	---	-----	-----
Aroclor 1248	NA	-----	---	---
Aroclor 1254	NA	---	-----	---
Aroclor 1260	NA	-----	---	---
Aldrin	110	% [70-130]	8081A	04/23/2006
A-BHC	NA	-----	---	---
B-BHC	NA	---	-----	-----
D-BHC	NA	---	---	---
Lindane (G-BHC)	77	% [70-130]	8081A	04/23/2006
A-Chlordane	NA	---	-----	---
G-Chlordane	NA	-----	---	-----
4,4-DDD	NA	---	-----	---
4,4-DDE	NA	-----	---	-----
4,4-DDT	248 (4)	% [70-130]	8081A	04/23/2006
Dieldrin	56 (4)	% [70-130]	8081A	04/23/2006
Endosulfan I	NA	---	---	---
Endosulfan II	NA	-----	-----	-----
Endosulfan Sulfate	NA	---	---	---
Endrin	183 (4)	% [70-130]	8081A	04/23/2006
Endrin Aldehyde	NA	---	---	-----
Heptachlor	79	% [70-130]	8081A	04/23/2006
Heptachlor Epoxide	78	% [70-130]	8081A	04/23/2006
Methoxychlor	79	% [70-130]	8081A	04/23/2006
Toxaphene	NA	-----	---	-----
TCMX (Surrogate) 8081A Solids	80	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	116	% [47-149]	8081A	04/23/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8081A/8082 SOIL QUALITY CONTROL

Sample No.: 2006010018-12 **Description:** MATRIX SPIKE DUPLICATE OF 2006030241-10; BATCH 2693 **Matrix:** SOIL

Date Received: ----

Date Collected: ----

Collected by: CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
PESTICIDES AND PCBs IN SOLIDS				
Batch #/Extraction Date - Method 3550B	2693	—	3550B	04/03/2006
Aroclor 1016	NA	—	—	—
Aroclor 1221	NA	—	—	—
Aroclor 1232	NA	—	—	—
Aroclor 1242	NA	—	—	—
Aroclor 1248	NA	—	—	—
Aroclor 1254	NA	—	—	—
Aroclor 1260	NA	—	—	—
Aldrin	5	RPD [0-20]	8081A	04/23/2006
A-BHC	NA	—	—	—
B-BHC	NA	—	—	—
D-BHC	NA	—	—	—
Lindane (G-BHC)	4	RPD [0-20]	8081A	04/23/2006
A-Chlordane	NA	—	—	—
G-Chlordane	NA	—	—	—
4,4-DDD	NA	—	—	—
4,4-DDE	NA	—	—	—
4,4-DDT	6	RPD [0-20]	8081A	04/23/2006
Dieldrin	7	RPD [0-20]	8081A	04/23/2006
Endosulfan I	NA	—	—	—
Endosulfan II	NA	—	—	—
Endosulfan Sulfate	NA	—	—	—
Endrin	6	RPD [0-20]	8081A	04/23/2006
Endrin Aldehyde	NA	—	—	—
Heptachlor	14	RPD [0-20]	8081A	04/23/2006
Heptachlor Epoxide	13	RPD [0-20]	8081A	04/23/2006
Methoxychlor	4	RPD [0-20]	8081A	04/23/2006
Toxaphene	NA	—	—	—
TCMX (Surrogate) 8081A Solids	82	% [11-117]	8081A	04/23/2006
DCB (Surrogate) 8081A Solids	123	% [47-149]	8081A	04/23/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8151A SOIL QUALITY CONTROL

Sample No.: 2006010020-5 **Description:** METHOD BLANK; 8151 BATCH 2691 **Matrix:** SOIL

Date Received: ----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	-----	8151A	04/03/2006
2 4-D	<0.05	mg/kg	8151A	04/09/2006
2 4-DB	<0.10	mg/kg	8151A	04/09/2006
Dalapon	<0.10	mg/kg	8151A	04/09/2006
Dicamba	<0.02	mg/kg	8151A	04/09/2006
Dichlorprop	<0.15	mg/kg	8151A	04/09/2006
Dinoseb	<0.10	mg/kg	8151A	04/09/2006
MCPA	<20	mg/kg	8151A	04/09/2006
MCPP	<20	mg/kg	8151A	04/09/2006
Pentachlorophenol	<0.01	mg/kg	8151A	04/09/2006
Picloram	<0.02	mg/kg	8151A	04/09/2006
2 4 5-T	<0.01	mg/kg	8151A	04/09/2006
2 4 5-TP	<0.02	mg/kg	8151A	04/25/2006
DCAA (Surrogate)	108	% [20-135]	8151A	04/09/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8151A SOIL QUALITY CONTROL

Sample No.: 2006010020-6 **Description:** LABORATORY CONTROL SAMPLE; 8151 BATCH 2691 **Matrix:** SOIL

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	-----	8151A	04/03/2006
2 4-D	84	% [48-214]	8151A	04/09/2006
2 4-DB	NA	—	—	—
Dalapon	67	% [40-160]	8151A	04/09/2006
Dicamba	124	% [38-232]	8151A	04/09/2006
Dichlorprop	100	% [46-168]	8151A	04/09/2006
Dinoseb	5 (6)	% [10-85]	8151A	04/09/2006
MCPA	NA	—	—	—
MCPP	NA	—	—	—
Pentachlorophenol	72	% [36-224]	8151A	04/09/2006
Picloram	83	% [44-138]	8151A	04/09/2006
2 4 5-T	65	% [42-226]	8151A	04/11/2006
2 4 5-TP	84	% [68-166]	8151A	04/26/2006
DCAA (Surrogate)	104	% [20-135]	8151A	04/09/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8151A SOIL QUALITY CONTROL

Sample No.: 2006010020-7 **Description:** MATRIX SPIKE OF 2006030241-17; 8151 BATCH 2691 **Matrix:** SOIL

Date Received: ----

Date Collected: ---- **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	----	8151A	04/03/2006
2 4-D	81	% [48-214]	8151A	04/10/2006
2 4-DB	NA	----	----	----
Dalapon	57	% [40-160]	8151A	04/10/2006
Dicamba	134	% [38-232]	8151A	04/10/2006
Dichlorprop	72	% [46-168]	8151A	04/10/2006
Dinoseb	14	% [10-85]	8151A	04/10/2006
MCPA	NA	----	----	----
MCPP	NA	----	----	----
Pentachlorophenol	82	% [36-224]	8151A	04/10/2006
Picloram	93	% [44-138]	8151A	04/10/2006
2 4 5-T	65	% [42-226]	8151A	04/11/2006
2 4 5-TP	77	% [68-166]	8151A	04/26/2006
DCAA (Surrogate)	106	% [20-135]	8151A	04/10/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8151A SOIL QUALITY CONTROL

Sample No.: 2006010020-8 **Description:** MATRIX SPIKE DUPLICATE OF 2006030241-17; BATCH 2691 **Matrix:** SOIL

Date Received: ---

Date Collected: ---- **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
HERBICIDES IN SOLIDS				
Batch #/Extraction Date-8151A (Solids)	2691	----	8151A	04/03/2006
2 4-D	23 (3)	RPD [0-20]	8151A	04/10/2006
2 4-DB	NA	---	---	---
Dalapon	12	RPD [0-20]	8151A	04/10/2006
Dicamba	25 (3)	RPD [0-20]	8151A	04/10/2006
Dichlorprop	4	RPD [0-20]	8151A	04/10/2006
Dinoseb	8	RPD [0-20]	8151A	04/10/2006
MCPA	NA	---	---	---
MCPP	NA	---	---	---
Pentachlorophenol	4	RPD [0-20]	8151A	04/10/2006
Picloram	4	RPD [0-20]	8151A	04/10/2006
2 4 5-T	10	RPD [0-20]	8151A	04/11/2006
2 4 5-TP	8	RPD [0-20]	8151A	04/26/2006
DCAA (Surrogate)	94	% [20-135]	8151A	04/10/2006

Olympus Technical Services, Inc.
Billings, MT • Boise, ID • Havre, MT • Helena, MT

Billings, Montana: 547 S. 20th St. West, 59102 — Phone (406) 245-3554 Fax (406) 245-3555
Boise, Idaho: 5956 West Victory Road, 83709 — Phone (208) 562-5500 Fax (208) 562-5503
Helena, Montana, 765 Colleen, 59601 — Phone (406) 443-3087 Fax (406) 443-0232

CHAIN OF CUSTODY RECORD

CLIENT/PROJECT NAME: DEQ/STIMPSON COOLING POND

LOCATION: BONNER, MONTANA

SAMPLER (PRINT): FRITZ DURHAM

REPORT RESULTS TO: MAN STONE

- [ ] Billings, Montana
- [ ] Boise, Idaho
- [x] Helena, Montana

SAMPLER (SIGNATURE): [signature]

WORK ORDER No.: A1534

LOGBOOK No.: A1534-FED

CUSTODY SEAL No.: FED 032906

ANALYSES REQUESTED

order # is correct 2006 030241 5/4/06

Sample Identification	Date	Time	Sample Matrix	Container Type	No. of Containers	Preservative	Laboratory Sample Identification	Hold						COMMENTS
B1-S-1	3/28/06	1155	SOIL	8-OZ DARK TEFLON LID	3	NONE								
B1-S-2	↓	1230	↓	↓	3	↓								HOLD FOR ANALYSES
B1-S-3	↓	1315	↓	↓	1	↓								REQUEST FROM OLYMPUS
B1-S-4	↓	1335	↓	↓	1	↓								
B2-S-1	3/29/05	0850	↓	↓	3	↓								
B2-S-2	3/29/05	0910	↓	↓	3	↓								
B2-S-3	3/29/05	0955	↓	↓	3	↓								
B2-S-4	3/29/05	1010	↓	↓	2	↓		↓						

See 3/31/06 set of C of C

Relinquished by (Print)	Date	Time	Relinquished by (Signature)	Received by (Print)	Date	Time	Received by (Signature)
FRITZ DURHAM	3/29/06	1800	[signature] TO GREYHOUND				
Bus	3/30/06			KASmit	3/30/06	0830	KASMIT

ANALYTICAL LABORATORY
Name: NORTHERN ANALYTICAL LABORATORIES, INC.
Address: 602 SOUTH 25th STREET, BILLINGS, MONTANA 59101
Phone: 406-254-7226

COMMENTS/REQUESTS

Return Cooler to: MA

LABORATORY RECEIVING INFORMATION

Page 1 of 1

Olympus Technical Services, Inc.
Billings, MT • Boise, ID • Havre, MT • Helena, MT

Billings, Montana: 547 S. 20th St. West, 59102 Phone (406) 245-3554 Fax (406) 245-3555
Boise, Idaho: 5956 West Victory Road, 83709 Phone (208) 562-5500 Fax (208) 562-5503
Helena, Montana, 765 Colleen, 59601 Phone (406) 443-3087 Fax (406) 443-0232

CHAIN OF CUSTODY RECORD

CLIENT/PROJECT NAME: DEQ/STIMPSON COOLING POND
LOCATION: BOONER MONTANA
SAMPLER (PRINT): FRITZ DURHAM

REPORT RESULTS TO: ALAN STINE
- [ ] Billings, Montana
- [ ] Boise, Idaho
- [x] Helena, Montana

SAMPLER (SIGNATURE): R R

WORK ORDER No.: A1534
LOGBOOK No.: A1534-FED
CUSTODY SEAL No.: FED032906

ANALYSES REQUESTED

order # 2006 030241 5/4/06

Sample Identification	Date	Time	Sample Matrix	Container Type	No. of Containers	Preservative	Laboratory Sample Identification	HOLD						COMMENTS
B3-S-1	3/29/06	1255	SOIL	8-OZ JAR TEFLON LID	3	NONE		X						9
B3-S-2	↓	1325	↓	↓	3	↓		X						HOLD PENDING 10
B3-S-3	↓	1345	↓	↓	2	↓		X						ANALYSIS REQUEST 11
B3-S-4	↓	1420	↓	↓	2	↓		X						FROM OLYMPUS 12
B3-S-5	↓	1440	↓	↓	2	↓		X						13

Use 3/31/06 set of C of C

Relinquished by (Print)	Date	Time	Relinquished by (Signature)	Received by (Print)	Date	Time	Received by (Signature)
FRITZ DURHAM	3/29/06	1800	R R TO GREYHOUND				
Bus	3/30/06			KA Smit	3/30/06	D830	[signature]

ANALYTICAL LABORATORY
Name: NORTHERN ANALYTICAL LABORATORIES, INC.
Address: 60 SOUTH 25th STREET, BILLINGS, MONTANA 59101
Phone: 406-425-7226

COMMENTS/REQUESTS
HOLD SAMPLES FOR ANALYSES REQUEST FROM OLYMPUS.

Return Cooler to: NA

LABORATORY RECEIVING INFORMATION

Page 1 of 1

Olympus Technical Services, Inc.
Billings, MT • Boise, ID • Havre, MT • Helena, MT

Billings, Montana: 547 S. 20th St. West, 59102 — Phone (406) 245-3554 Fax (406) 245-3555
Boise, Idaho: 5956 West Victory Road, 83709 — Phone (208) 562-5500 Fax (208) 562-5503
Helena, Montana, 765 Colleen, 59601 — Phone (406) 443-3087 Fax (406) 443-0232

CHAIN OF CUSTODY RECORD

CLIENT/PROJECT NAME: DEQ / STIMPSON POND

LOCATION: BONNER, MONTANA

SAMPLER (PRINT): FREE DURHAM

REPORT RESULTS TO: ALAN STINE

- [ ] Billings, Montana
- [ ] Boise, Idaho
- [x] Helena, Montana

SAMPLER (SIGNATURE): R—R

WORK ORDER No.: A1534

LOGBOOK No.: A1534-FED

CUSTODY SEAL No.: FED 033006

ANALYSES REQUESTED: D-006 030241

Sample Identification	Date	Time	Sample Matrix	Container Type	No. of Containers	Preservative	Laboratory Sample Identification							COMMENTS
B4-S-1	3/30/06	0845	Soil	8-oz jars, Teflon lid	3	None								Hold for analyses
B4-S-2	↓	0910	↓	↓	3	None								request from Olympus.
B4-S-3	↓	0930	↓	↓	3	None								
B4-S-4	↓	0945	↓	↓	3	None								
B4-S-5	↓	0955	↓	↓	3	None								
B4-S-6	↓	1040	↓	↓	2	None								
B4-S-7	↓	1055	↓	↓	1	None								
B4-S-8	↓	1105	↓	↓	1	None								

HD 3/31/06
Set of C of C

Relinquished by (Print)	Date	Time	Relinquished by (Signature)	Received by (Print)	Date	Time	Received by (Signature)
FREE DURHAM	3/30/06	1700.	R—R TOGREYHOUND.				
Relinquished by (Print)	Date	Time	Relinquished by (Signature)	Received by (Print)	Date	Time	Received by (Signature)

ANALYTICAL LABORATORY
Name: NORTHERN ANALYTICAL LABORATORIES
Address: 602 SOUTH 25th STREET, BILLINGS, MONTANA 59101
Phone: 406-~~254~~-7226

COMMENTS/REQUESTS: ANALYSES REQUESTS ON ACCOMPANYING CHAIN OF CUSTODY (2).

Return Cooler to: NA

LABORATORY RECEIVING INFORMATION: Steve Smith 3/31/06 0830 BUS

Page 1 of 1

lab# 2006030241

		A	B	C	D	
1	B1-S-1	x				
2	B1-S-2			x		
3	Comp. B1-S-2, B1-S-3, & B1-S-4		x			
4	Comp. B1-S-1, B1-S-2, B1-S-3, B1-S-4				x	
5	B2-S-1	x				
6	B2-S-2	x				
7	B2-S-3			x		
8	Comp. B2-S-3, B2-S-4		x			
9	Comp. B2-S-1, B2-S-2, B2-S-3, B2-S-4				x	
10	B3-S-1	x				
11	B3-S-2	x				
12	Comp. B3-S-4, B3-S-5		x			
13	B3-S-5			x		
14	Comp. B3-S-1, B3-S-2, B3-S-3, B3-S-4, B3-S-5				x	
15	B4-S-1	x				
16	B4-S-2	x				
17	B4-S-3	x				
18	B4-S-4	x				
19	B4-S-5	x				
20	B4-S-6			x		
21	Comp. B4-S-6, B4-S-7, B4-S-8		x			
22	Comp. B4-S-1, B4-S-2, B4-S-3, B4-S-4, B4-S-5, B4-S-6, B4-S-7, B4-S-8				x	
	Analytical Suite A - Total Metals, Herbicides, Pesticides, PCBs, VOCs, VPH, TEH Screen, EPH, SVOCs, Eh, pH					
	Analytical Suite B - Total Metals, Herbicides, Pesticides, PCBs, TEH Screen, EPH, SVOCs, eH, pH					
	Analytical Suite C- VPH, VOCs					
	Analytical Suite D - TCLP Metals, TCLP SVOCs, TCLP VOCs, TCLP Pesticides, TCLP Herbicides, Reactivity					

23 MS of #1
24 MSD of #1
25 MS of #22
26 Ext Blk
27 MB
28 LCS

MS #1 23
MSD #1 24
Dup #3 25
MS #22 26

Ext Blk 27
MB 28
LCS 29

5/4/06

NORTHERN
Analytical Laboratories, Inc.

SAMPLE RECEIPT CHECKLIST

Dear Valued Client: This checklist documents the condition of your sample(s) as it (they) arrived at our lab. Please review it and familiarize yourself with its contents. Should you have any questions or comments, please contact us. Thank you for your use of our services.

Client Name: OlympusTech
Project: DEQ - Stimson
Laboratory Number(s): 030241 & 242
Checklist Completed by: MW 3/30/06 (Initials / Date)

Date/Time Received: 3/30/06 0830 (Date / Time)
Received by: KS
Carrier Name: Bus
Sample Type: H2O / Soil

	YES	NO
1. Shipping container in good condition?	✓	
2. Custody seals present on shipping container? Condition: Intact X Broken ___	✓	
3. Chain of custody present?	✓	
4. Chain of custody signed when relinquished and received?	✓	
5. Chain of custody agrees with sample labels?	✓	
6. Custody seals on sample bottles? Condition: Intact ___ Broken ___		✓
7. Samples in proper container/bottle?*	✓	
8. Sample containers intact?*	✓	
9. Sufficient sample volume for indicated test?*	✓	
10. Ice/Frozen Blue Ice present in shipping container? (circle one)	✓	
container temperature 1. 4.2C 2. 3.0C 3. 3.2C * (if <0 or>10)		
11. All samples rec'd within holding time?*	✓	
12. VOA vials have zero headspace? * (if contains >5mm headspace)	✓	
13. Trip Blank received?		✓

	YES	NO
14. pH check performed by: ___		
15. Metals bottle(s) pH <2?	✓	
16. Nutrient bottle(s) pH <2?	NA	
17. Cyanide bottle(s) pH >12?		
18. Sulfide bottle(s) pH >9?		
19. TOC bottle(s) pH <2?		
20. Phenolics bottle(s) pH <2?		
21. Oil & grease bottle(s) pH <2? (checked by analyst)		
22. EPH/DRO bottle(s) pH <2? (checked by analyst)	✓	
23. Volatiles (VOA) pH <2? (checked by analyst)	✓	
24. Semivolatiles (525) pH <2? (checked by analyst)	NA	
25. Other test types	NA	
26. Client contacted?	✓	
27. Person contacted	faxed CofC & Check List	
28. Date contacted	3/30/06 @ 10:20 MW	

NOTES: **Samples may be affected when not transported at the temperature recommended by the EPA for the test you've selected. Please contact the lab if you have concerns about the temperature of your samples.**

*** Critical item - if marked "NO" contact lab manager.**

COMMENTS: ___

NORTHERN
Analytical Laboratories, Inc.

SAMPLE RECEIPT CHECKLIST

Dear Valued Client: This checklist documents the condition of your sample(s) as it (they) arrived at our lab. Please review it and familiarize yourself with its contents. Should you have any questions or comments, please contact us. Thank you for your use of our services.

Client Name: Olympus / MDEQ

Date/Time Received: 3/31/06 0830 (Date / Time)

Project: Simpson

Received by: SS

Laboratory Number(s): 030241

Carrier Name: Bud

Checklist Completed by: MW 5/4/06 (Initials / Date)

Sample Type: ~~DW~~ / Soils MW

	YES	NO
1. Shipping container in good condition?	✓	
2. Custody seals present on shipping container? * Condition: Intact ____ Broken ____	✓	
3. Chain of custody present?	✓	
4. Chain of custody signed when relinquished and received?	✓	
5. Chain of custody agrees with sample labels?	✓	
6. Custody seals on sample bottles? Condition: Intact ____ Broken ____		✓
7. Samples in proper container/bottle?*	✓	
8. Sample containers intact?*	✓	
9. Sufficient sample volume for indicated test?*	✓	
10. Ice/Frozen Blue Ice present in shipping container? (circle one) rec on ice; no cooler temp available. container temperature 1.____ 2.____ 3.____ MW 5/4/06 * (if <0 or>10)		
11. All samples rec'd within holding time?*	✓	
12. VOA vials have zero headspace? * (if contains >5mm headspace)	NA	
13. Trip Blank received?	—	

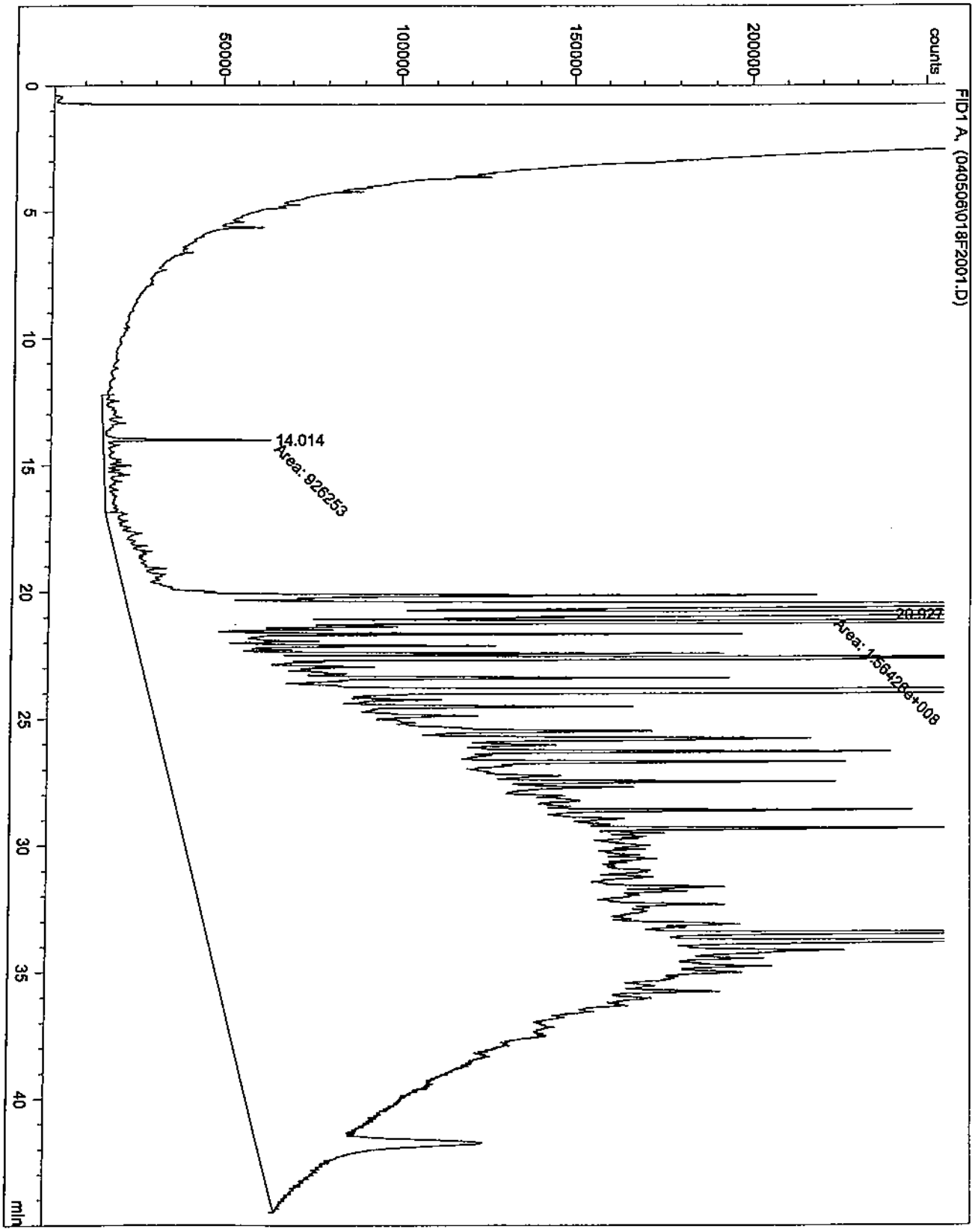
	YES	NO
14. pH check performed by: _____		
15. Metals bottle(s) pH <2?	NA	
16. Nutrient bottle(s) pH <2?		
17. Cyanide bottle(s) pH >12?		
18. Sulfide bottle(s) pH >9?		
19. TOC bottle(s) pH <2?		
20. Phenolics bottle(s) pH <2?		
21. Oil & grease bottle(s) pH <2? (checked by analyst)		
22. EPH/DRO bottle(s) pH <2? (checked by analyst)		
23. Volatiles (VOA) pH <2? (checked by analyst)		
24. Semivolatiles (525) pH <2? (checked by analyst)		
25. Other test types	—	
26. Client contacted?		
27. Person contacted	_____	
28. Date contacted	_____	

NOTES: **Samples may be affected when not transported at the temperature recommended by the EPA for the test you've selected. Please contact the lab if you have concerns about the temperature of your samples.**

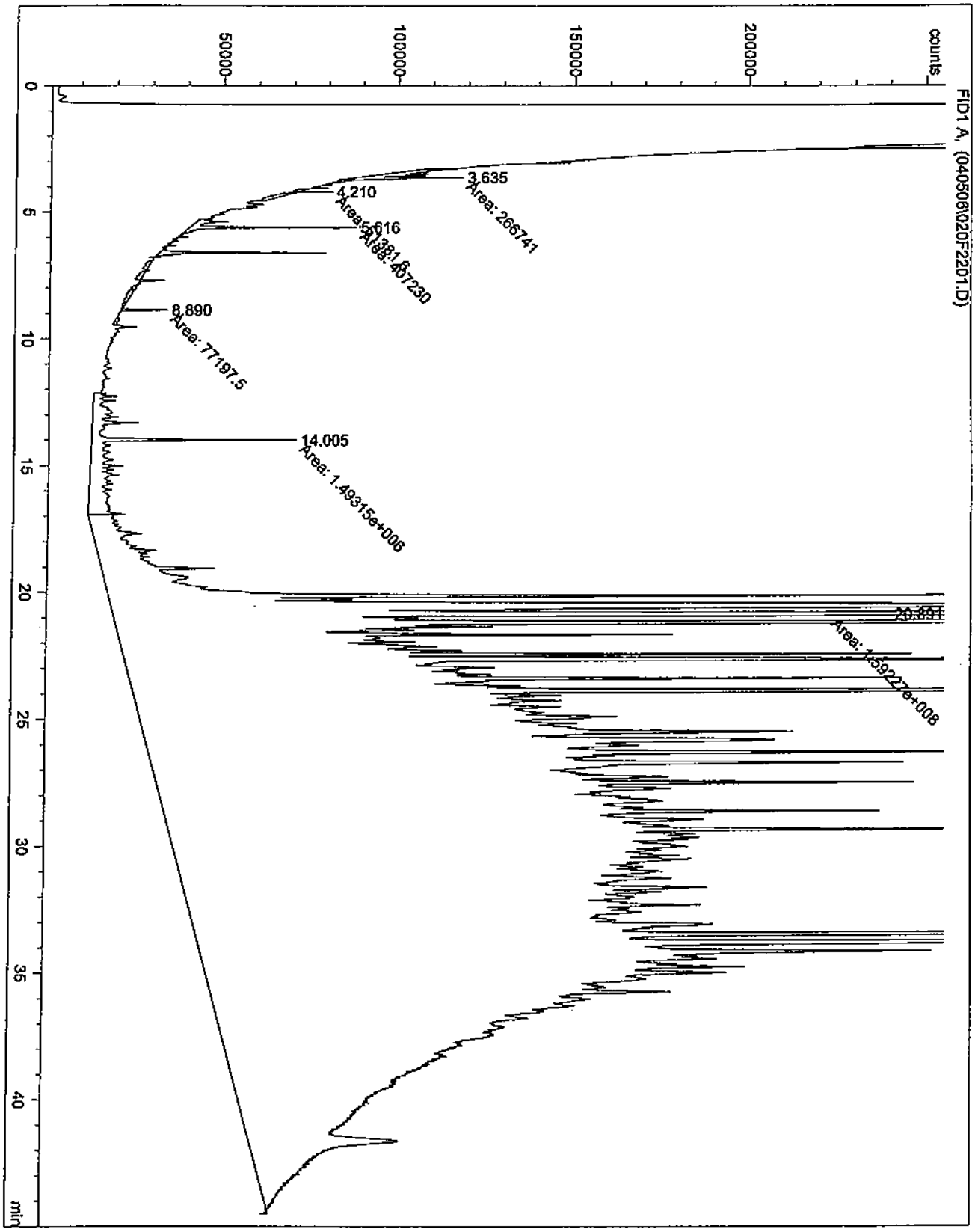
*** Critical item - if marked "NO" contact lab manager.**

COMMENTS: Original Receipt Checklist has been lost

Injection Date	: 4/6/06 9:20:04 AM	Seq. Line :	20
Sample Name	: 30241-1 EPH	Vial :	18
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		

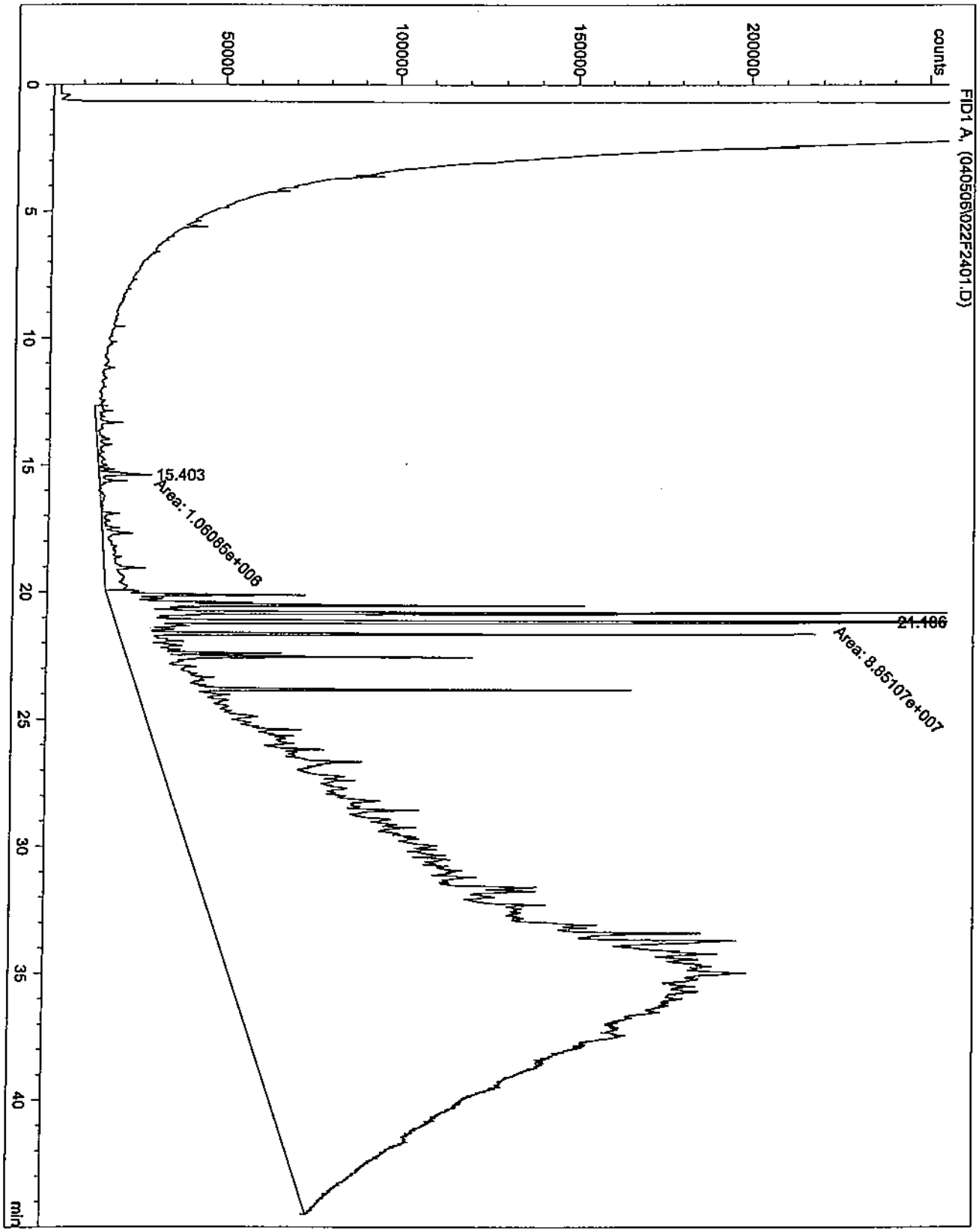


Injection Date	: 4/6/06 11:09:21 AM	Seq. Line :	22
Sample Name	: 30241-3 EPH	Vial :	20
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		

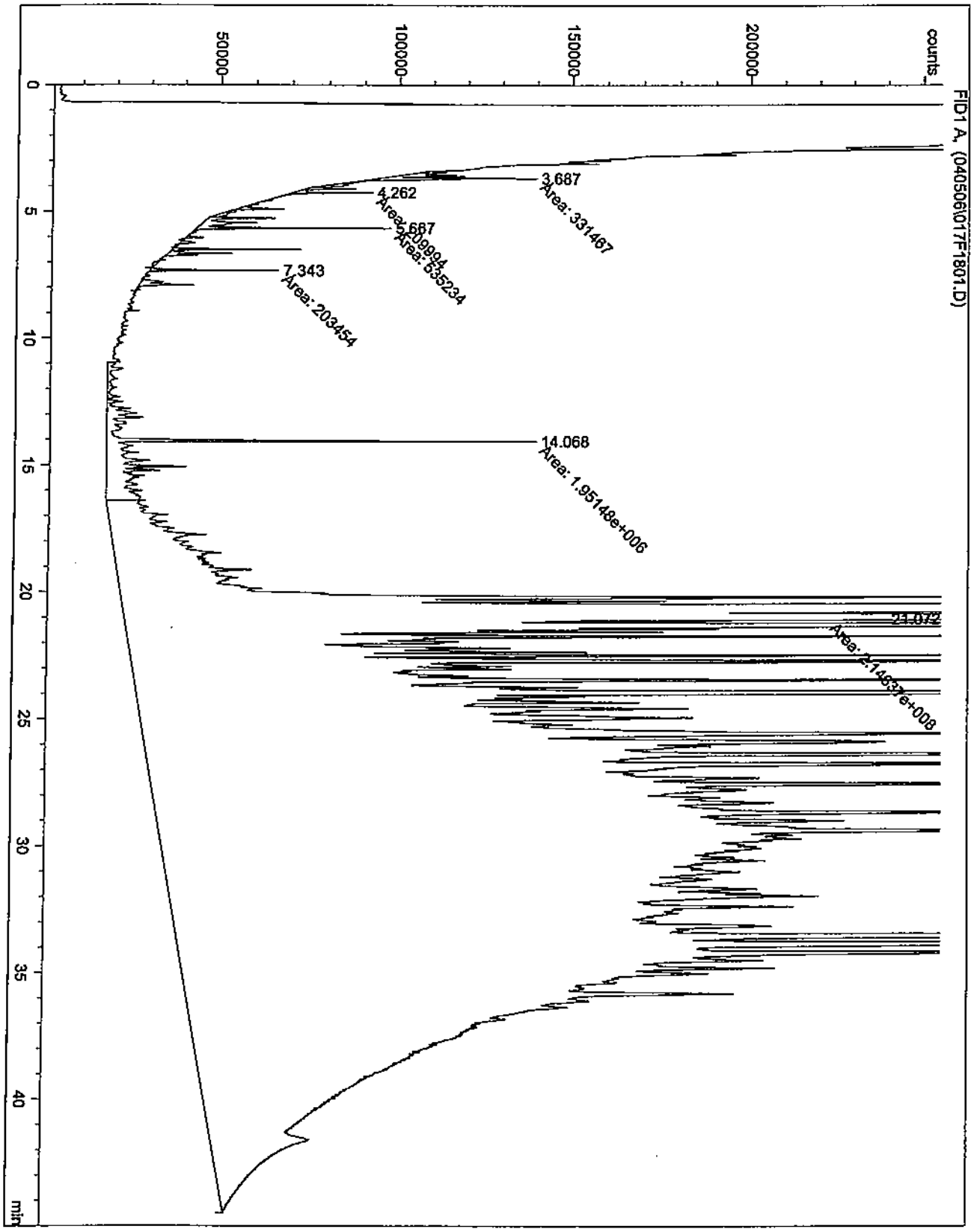


Injection Date	: 4/6/06 12:58:59 PM	Seq. Line :	24
Sample Name	: 30241-5 X5 EPH	Vial :	22
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl

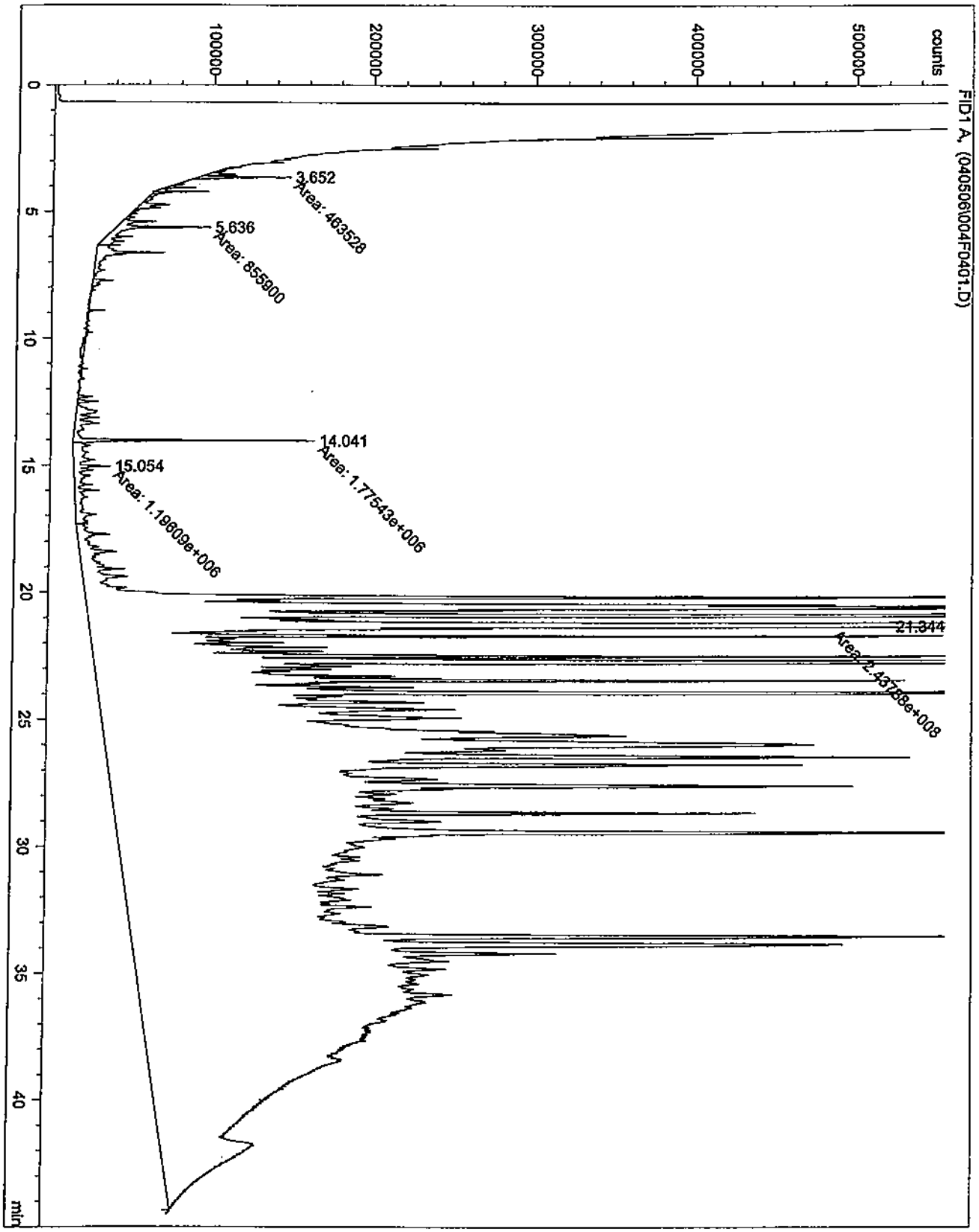
Acq. Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 7/7/05 12:52:11 PM by cj
Analysis Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 4/6/06 7:13:06 AM by CJONES
(modified after loading)



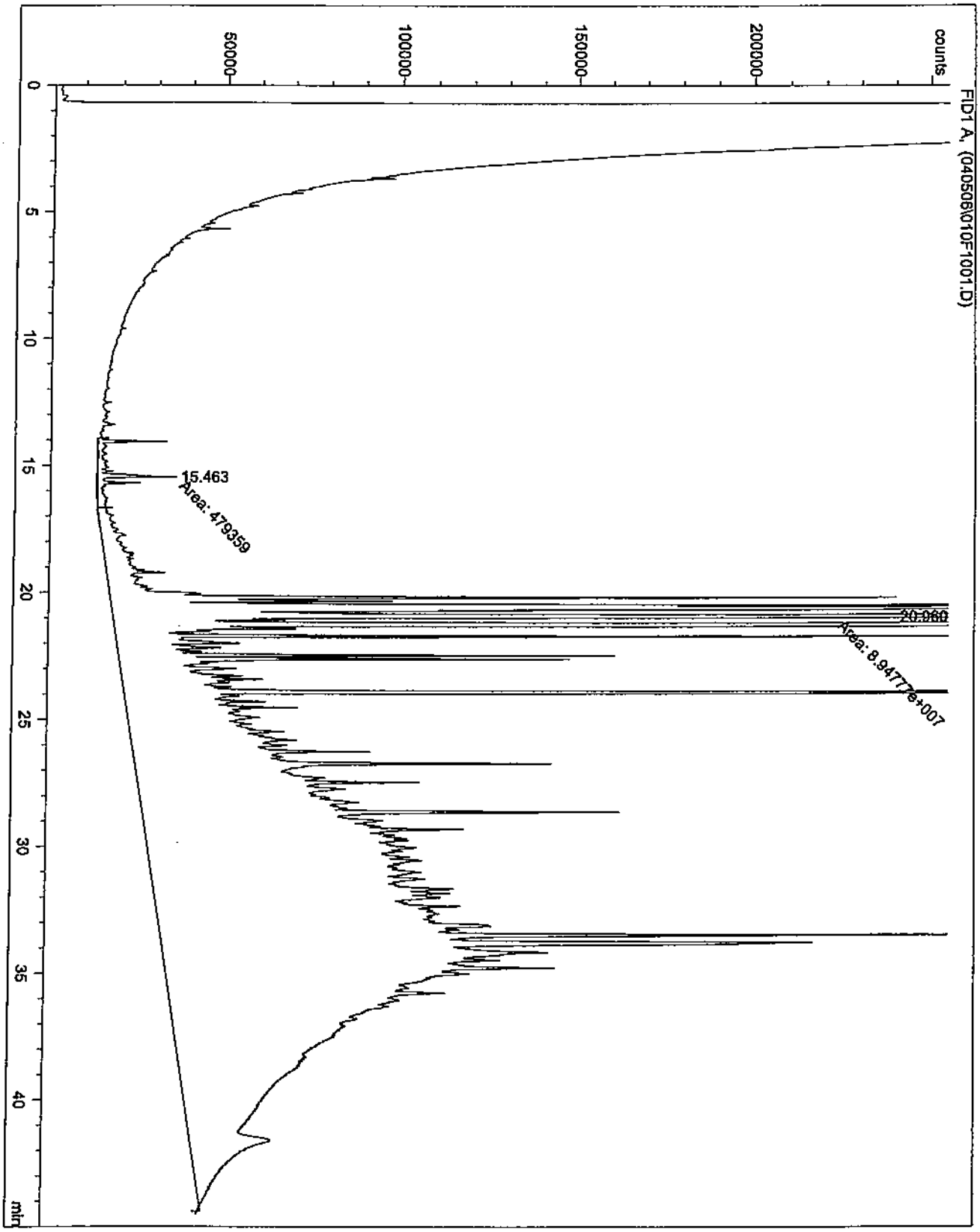
Injection Date	: 4/6/06 2:33:20 AM	Seq. Line :	18
Sample Name	: 30241-6 EPH	Vial :	17
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



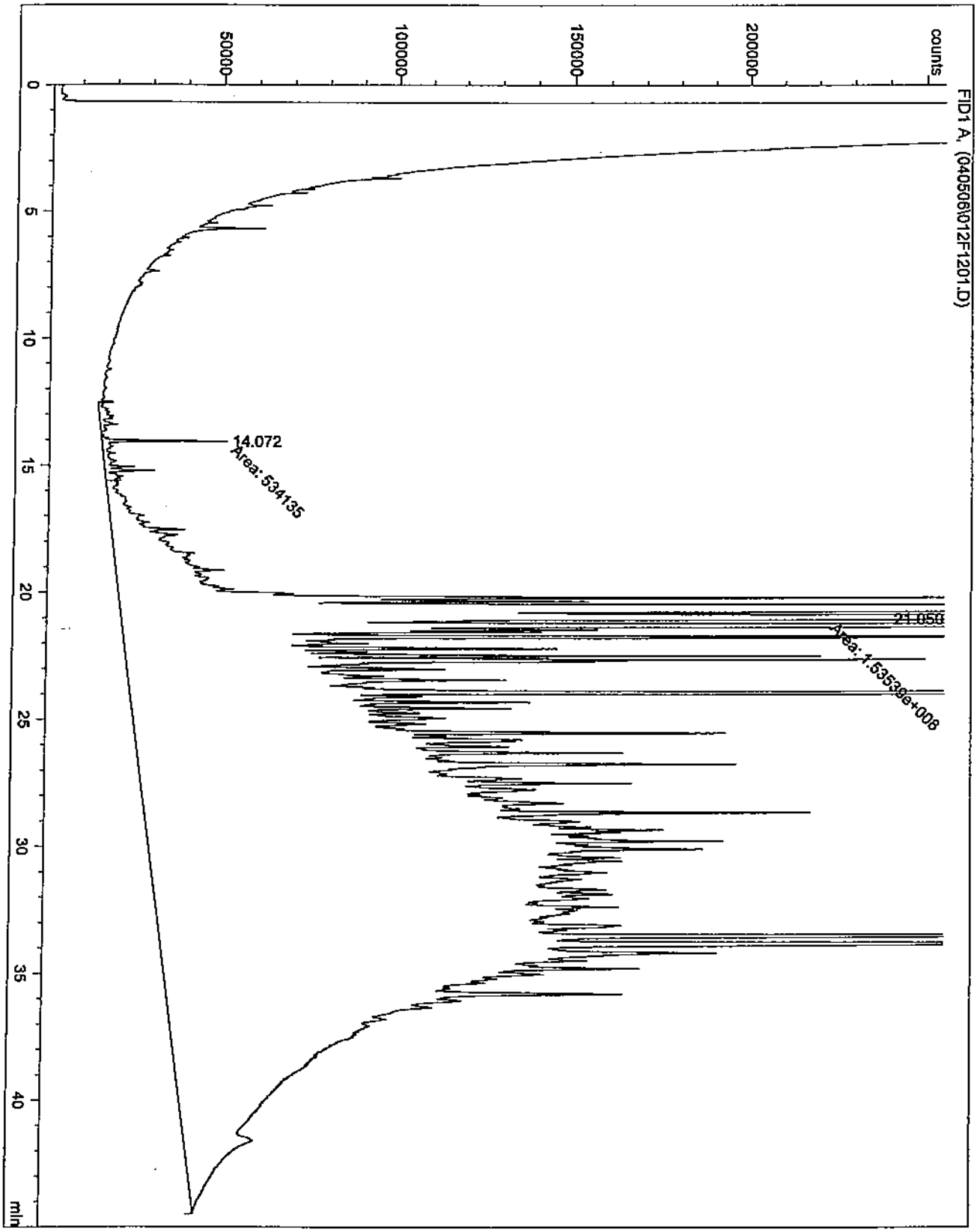
Injection Date	: 4/5/06 12:49:02 PM	Seq. Line :	4
Sample Name	: 30241-8 EPH	Vial :	4
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/5/06 2:28:03 PM by CJONES (modified after loading)		



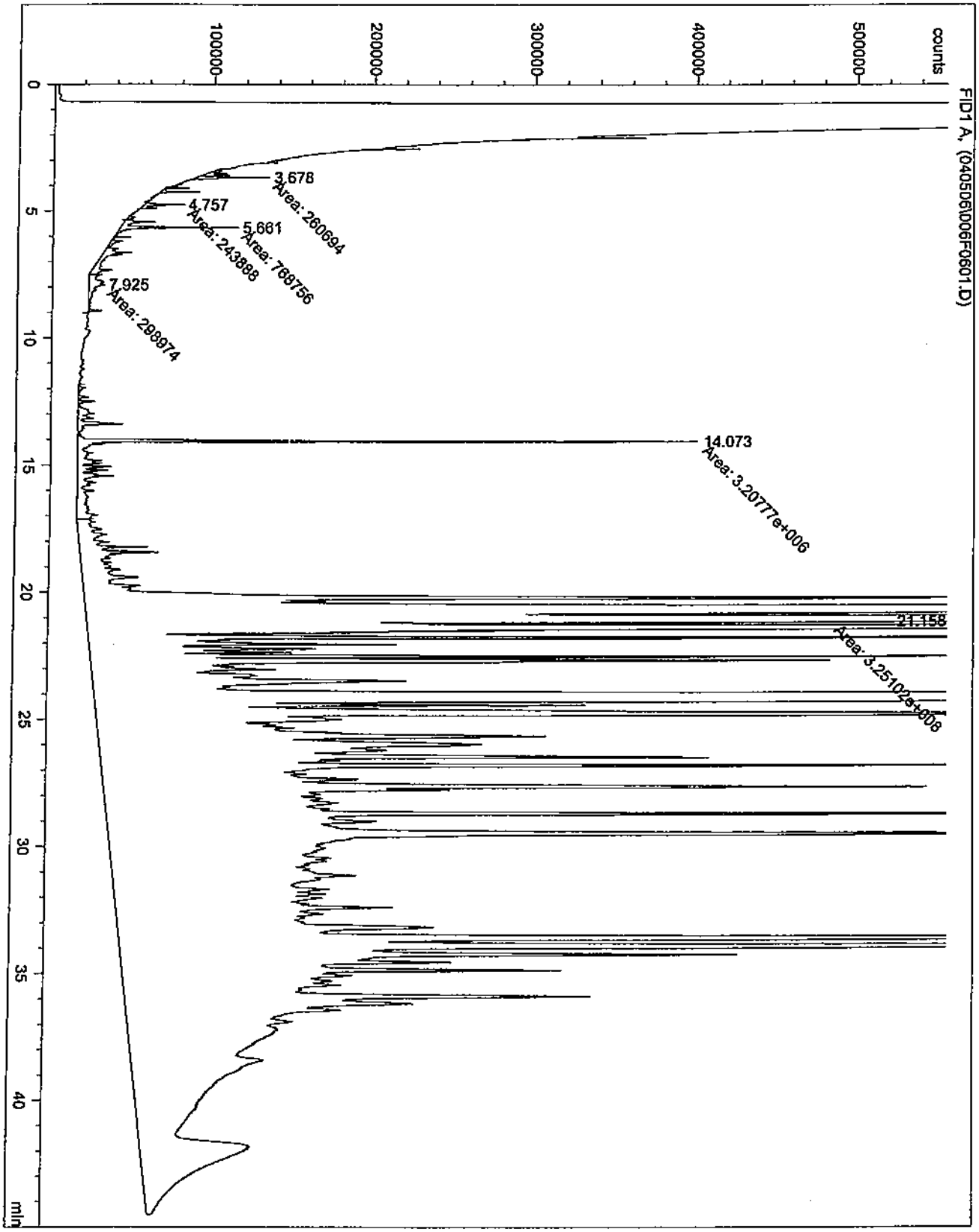
Injection Date	: 4/5/06 6:40:03 PM	Seq. Line :	10
Sample Name	: 30241-10 X5 EPH	Vial :	10
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



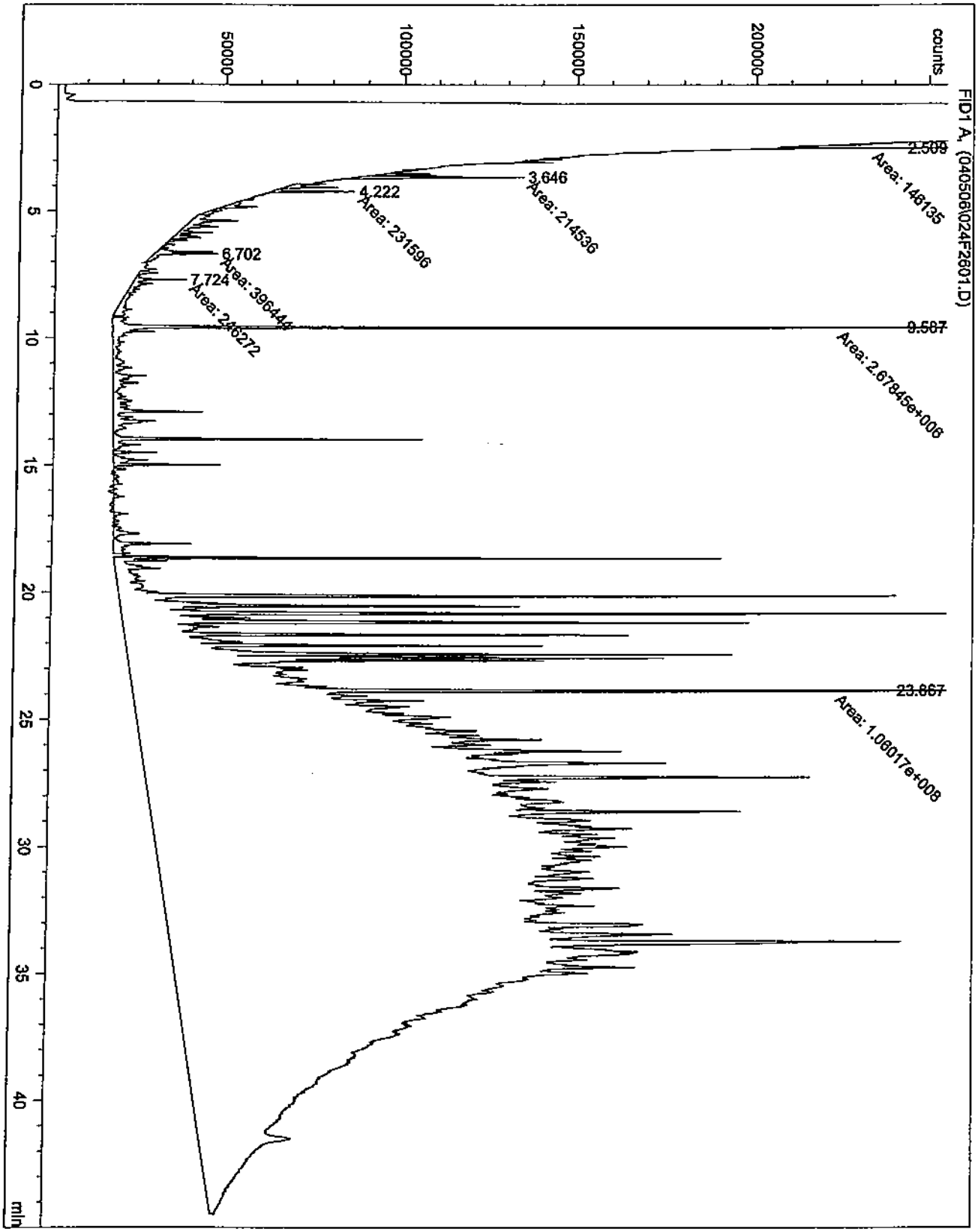
Injection Date	: 4/5/06 8:39:07 PM	Seq. Line :	12
Sample Name	: 30241-11 X5 EPH	Vial :	12
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



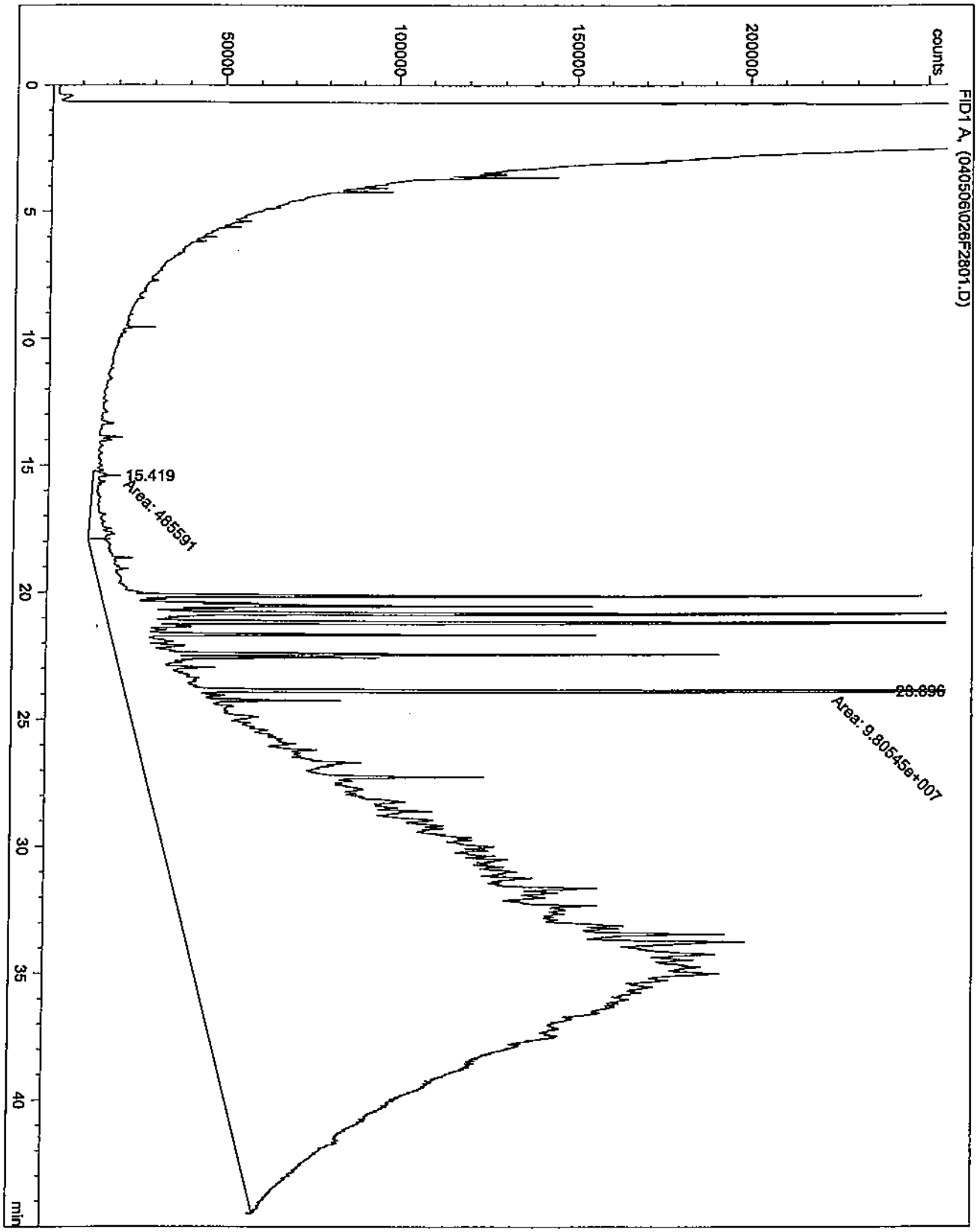
Injection Date	: 4/5/06 2:44:35 PM	Seq. Line :	6
Sample Name	: 30241-12 EPH	Vial :	6
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/5/06 2:28:03 PM by CJONES (modified after loading)		



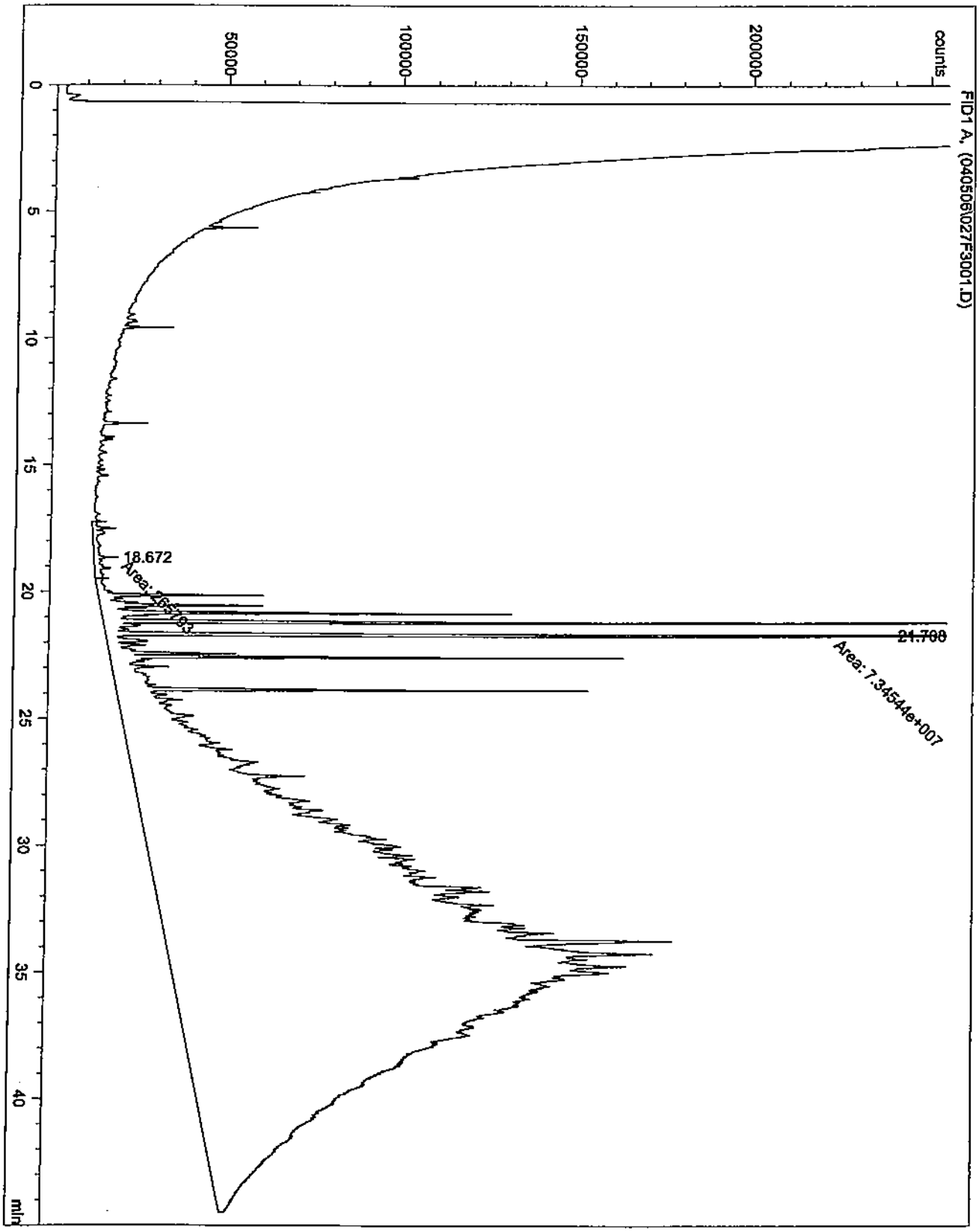
Injection Date	: 4/6/06 2:49:00 PM	Seq. Line :	26
Sample Name	: 30241-15 EPH	Vial :	24
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



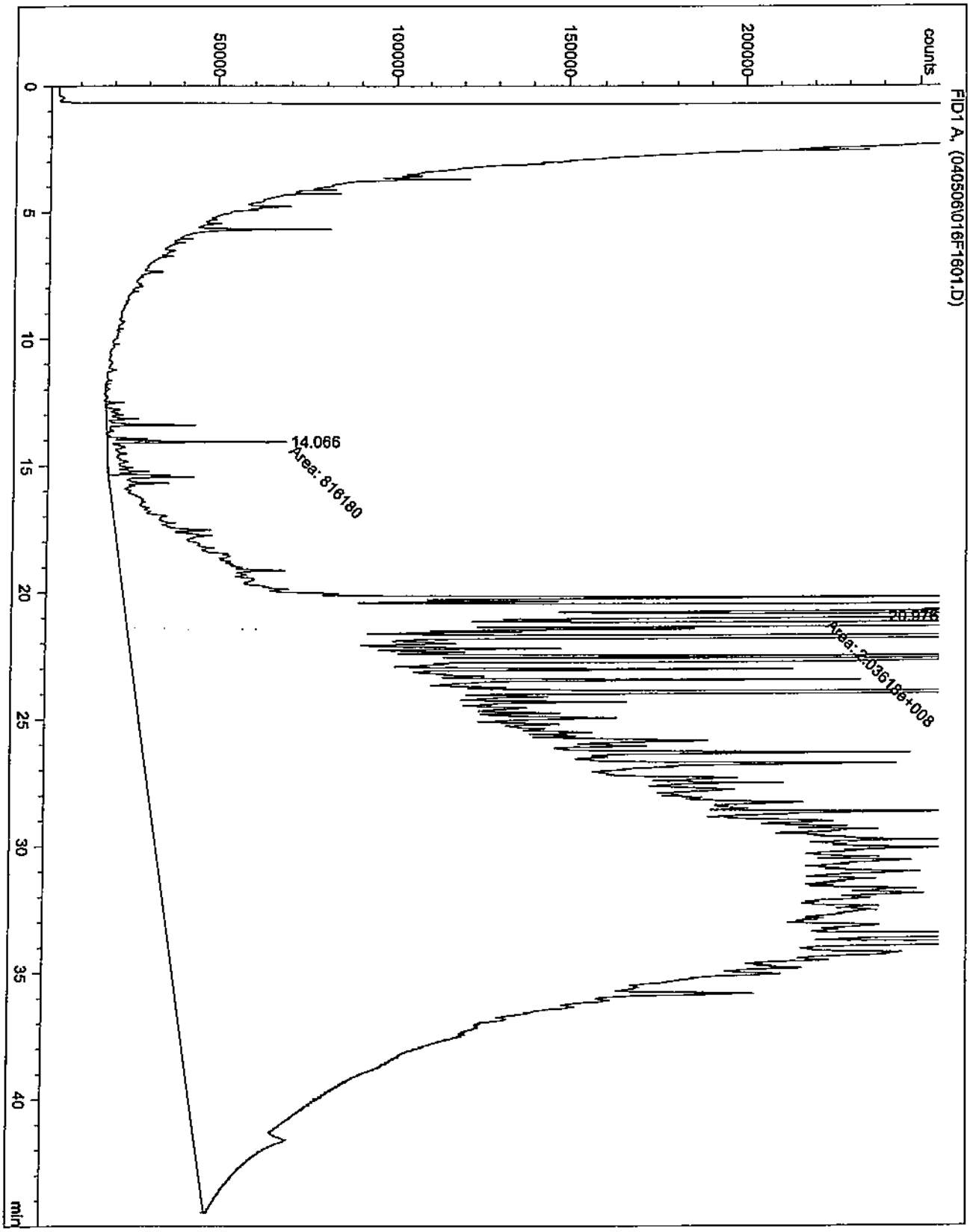
Injection Date	: 4/6/06 4:39:13 PM	Seq. Line :	28
Sample Name	: 30241-16 EPH	Vial :	26
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



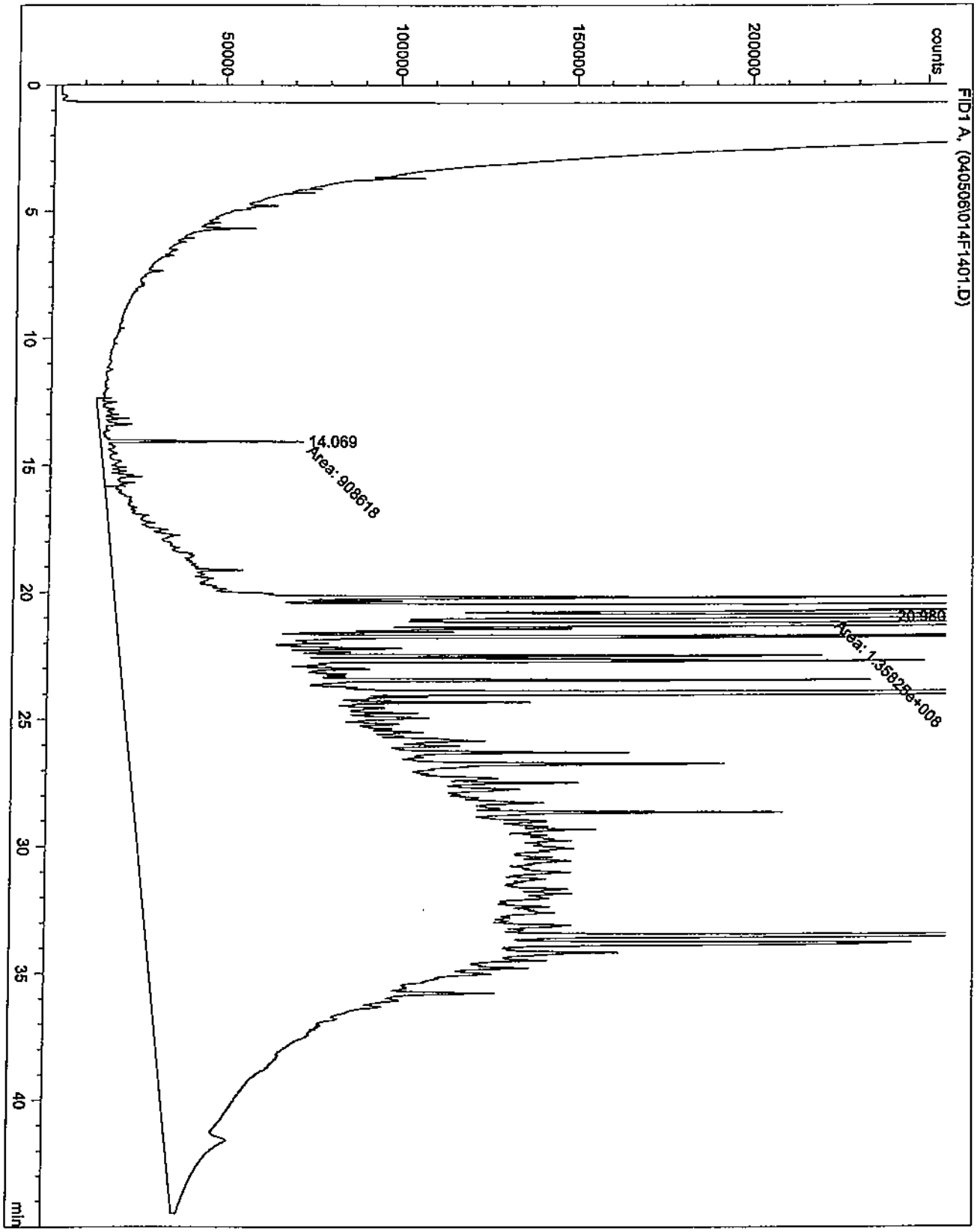
Injection Date	: 4/6/06 6:31:45 PM	Seq. Line :	30
Sample Name	: 30241-17 X5 EPH	Vial :	27
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



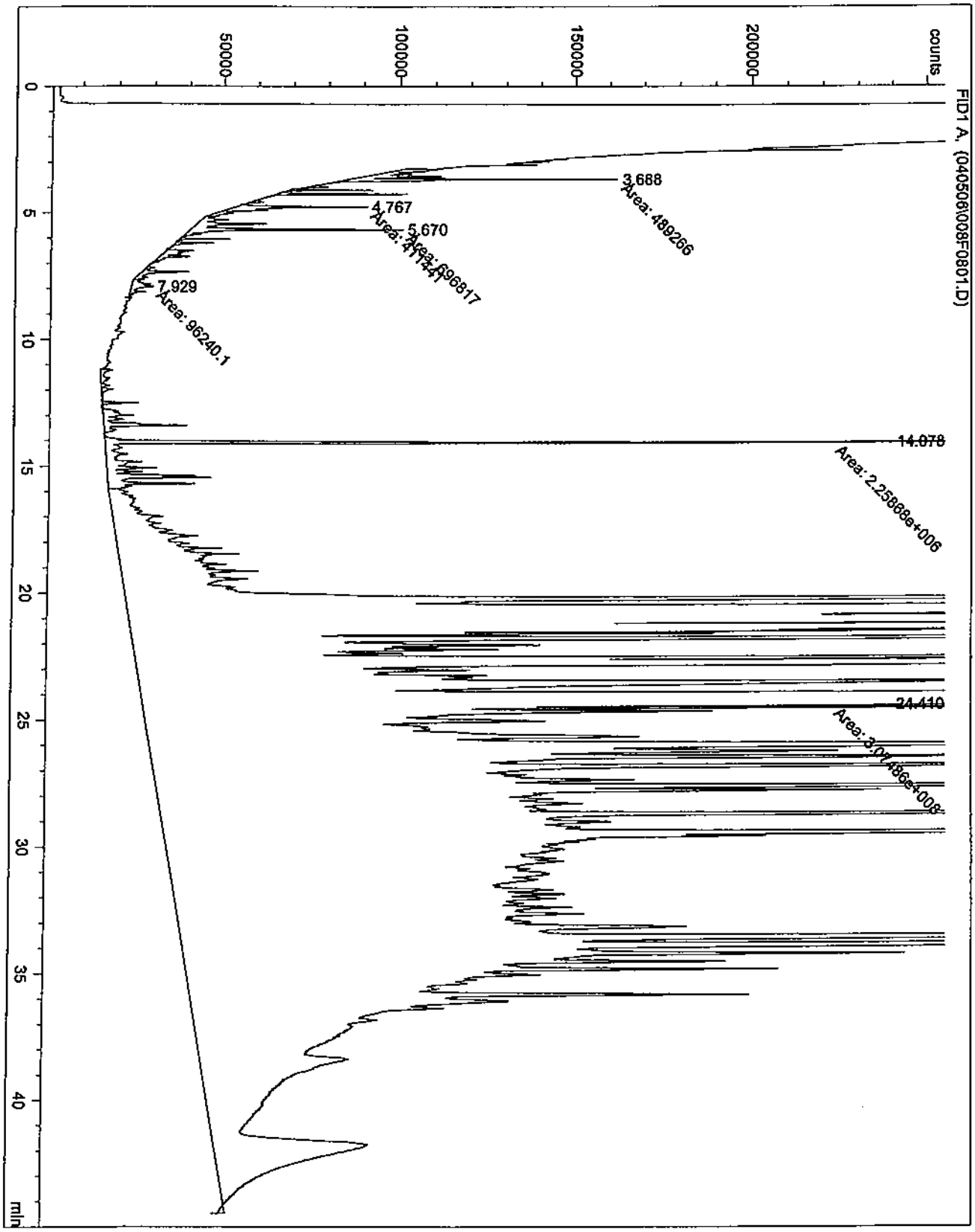
Injection Date	: 4/6/06 12:35:27 AM	Seq. Line :	16
Sample Name	: 30241-18 X5 EPH	Vial :	16
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



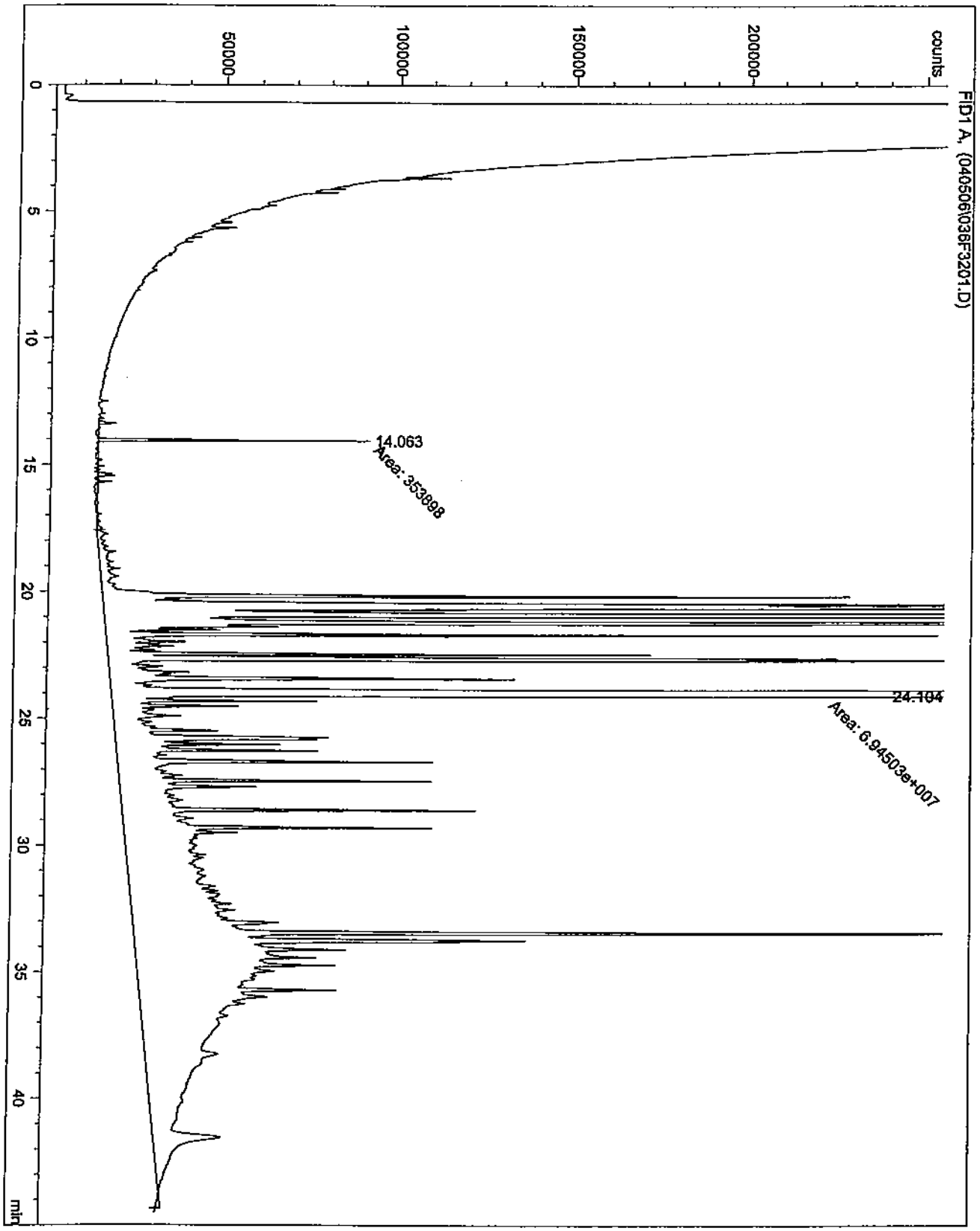
Injection Date	: 4/5/06 10:37:26 PM	Seq. Line :	14
Sample Name	: 30241-19 X5 EPH	Vial :	14
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



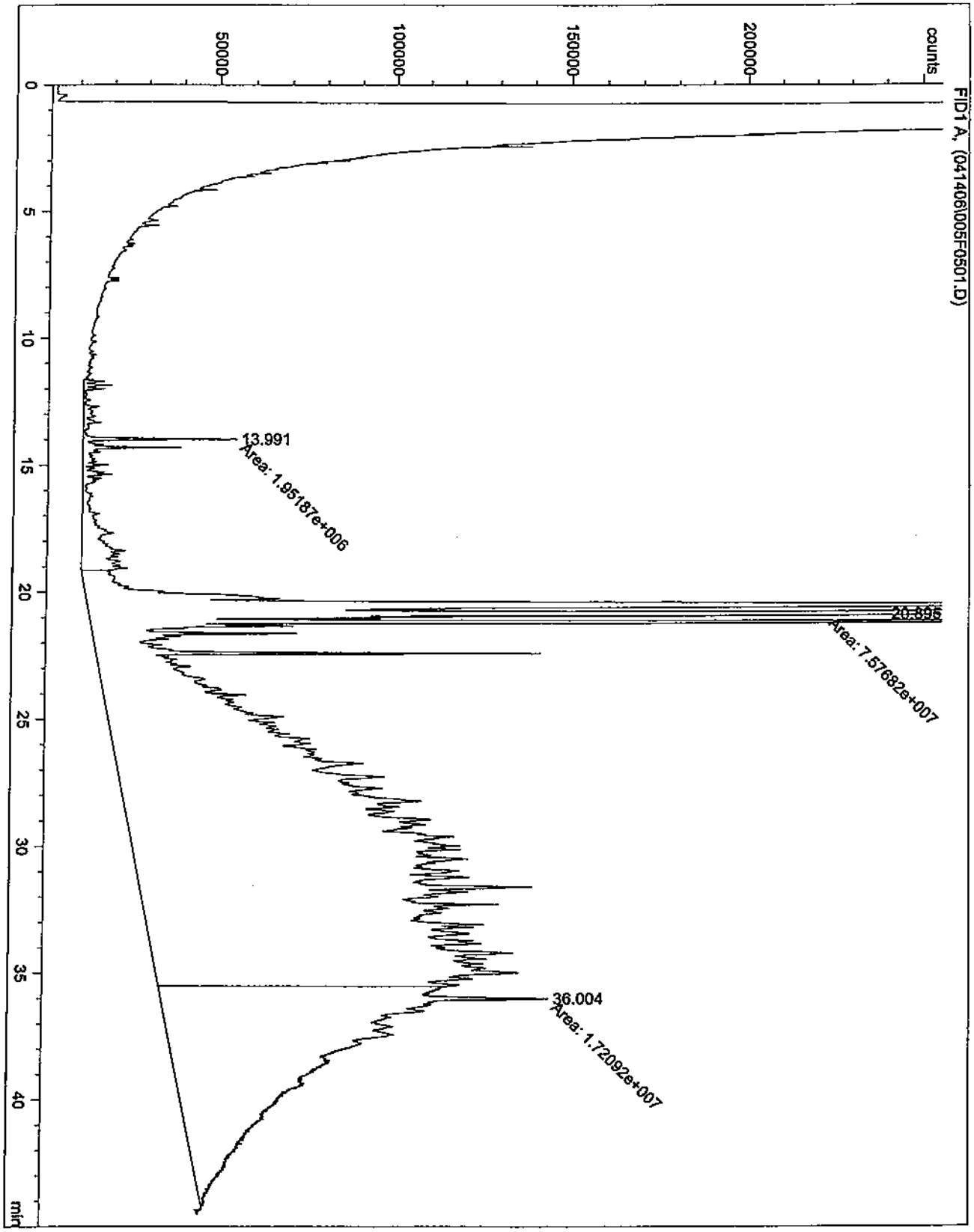
Injection Date	: 4/5/06 4:41:50 PM	Seq. Line :	8
Sample Name	: 30241-21 EPH	Vial :	8
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



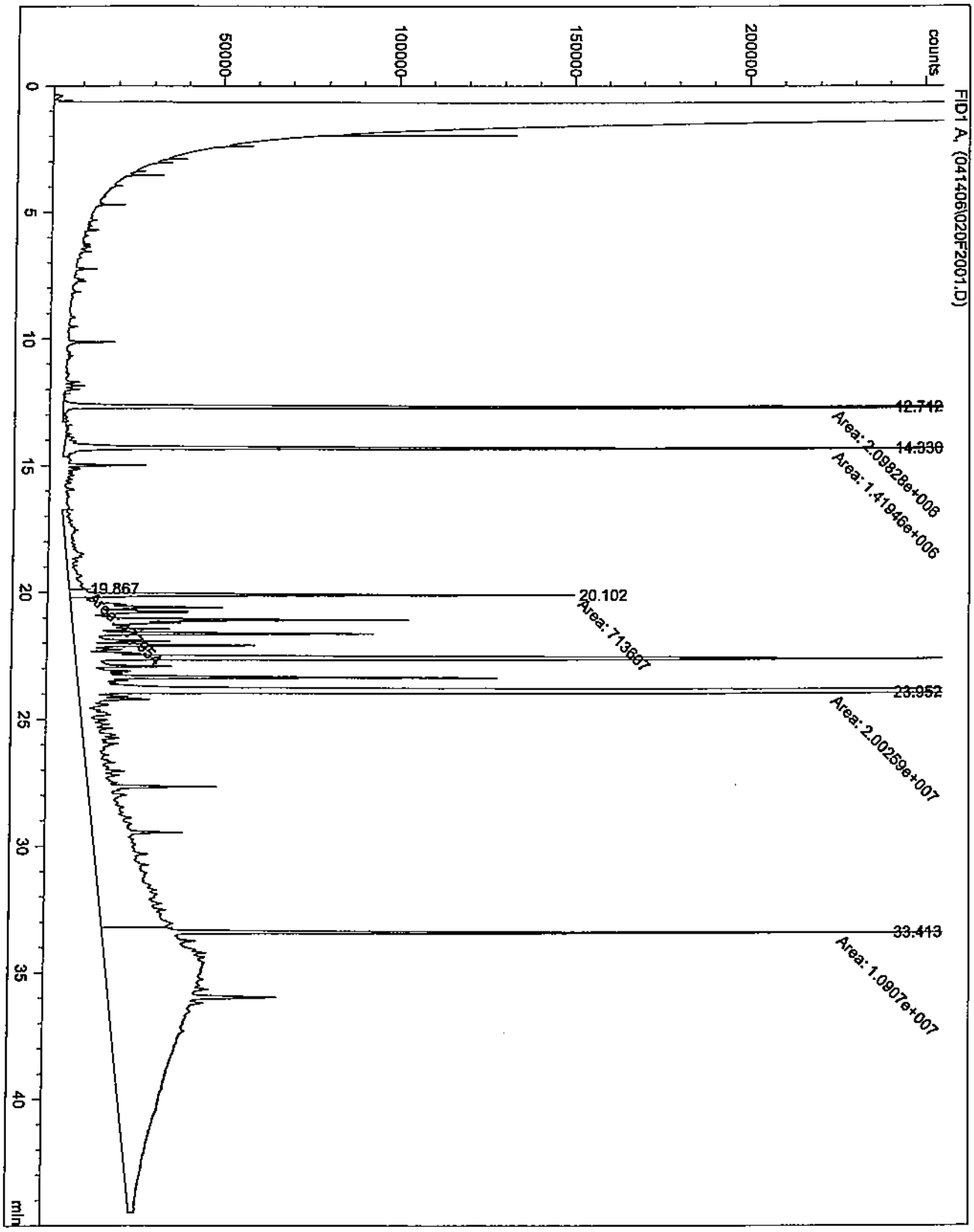
Injection Date	: 4/6/06 8:25:19 PM	Seq. Line :	32
Sample Name	: 30241-21 X5 EPH	Vial :	36
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



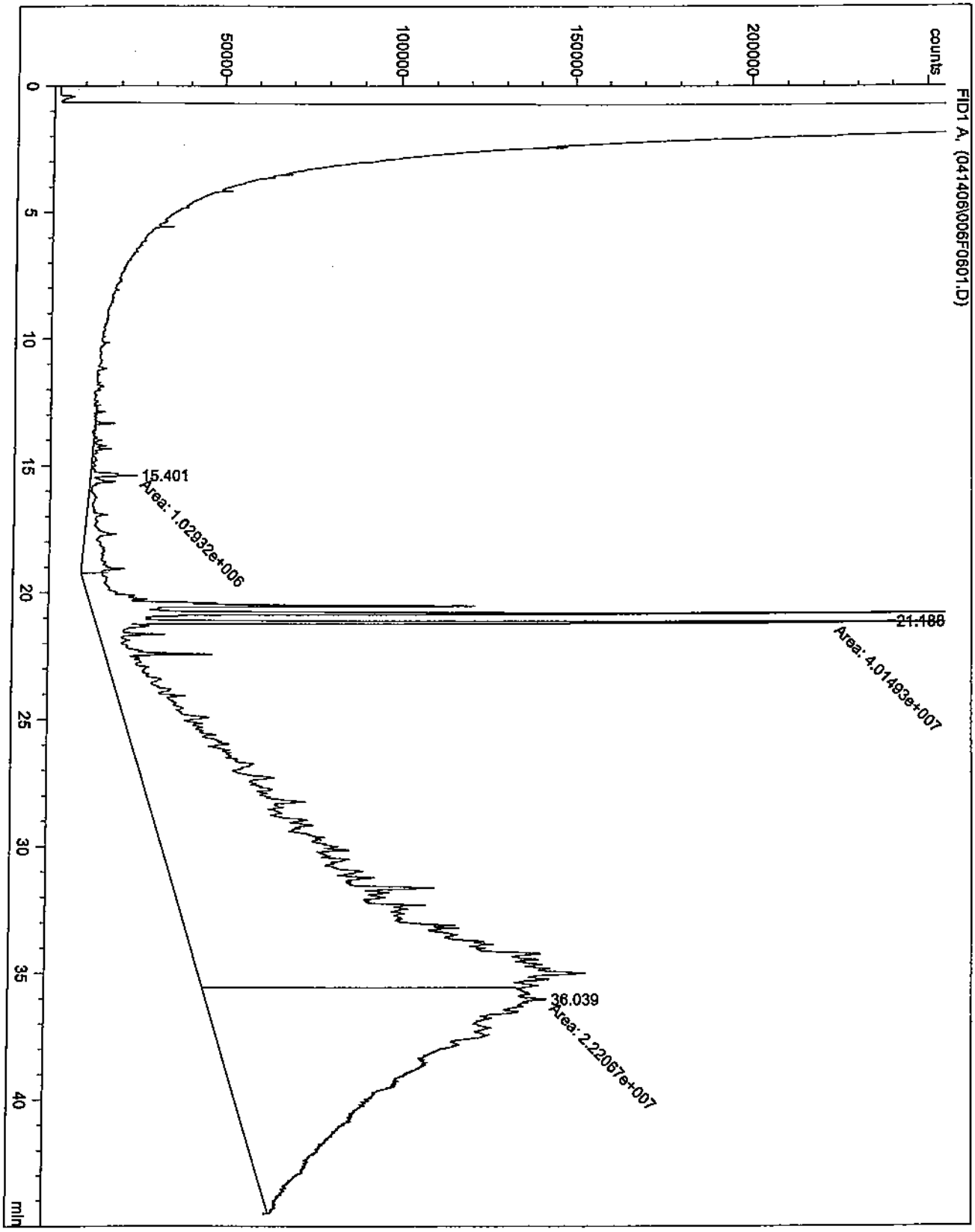
Injection Date	: 4/14/06 10:51:13 AM	Seq. Line :	5
Sample Name	: 30241-1 AL	Vial :	5
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/14/06 1:19:55 PM by CJONES (modified after loading)		



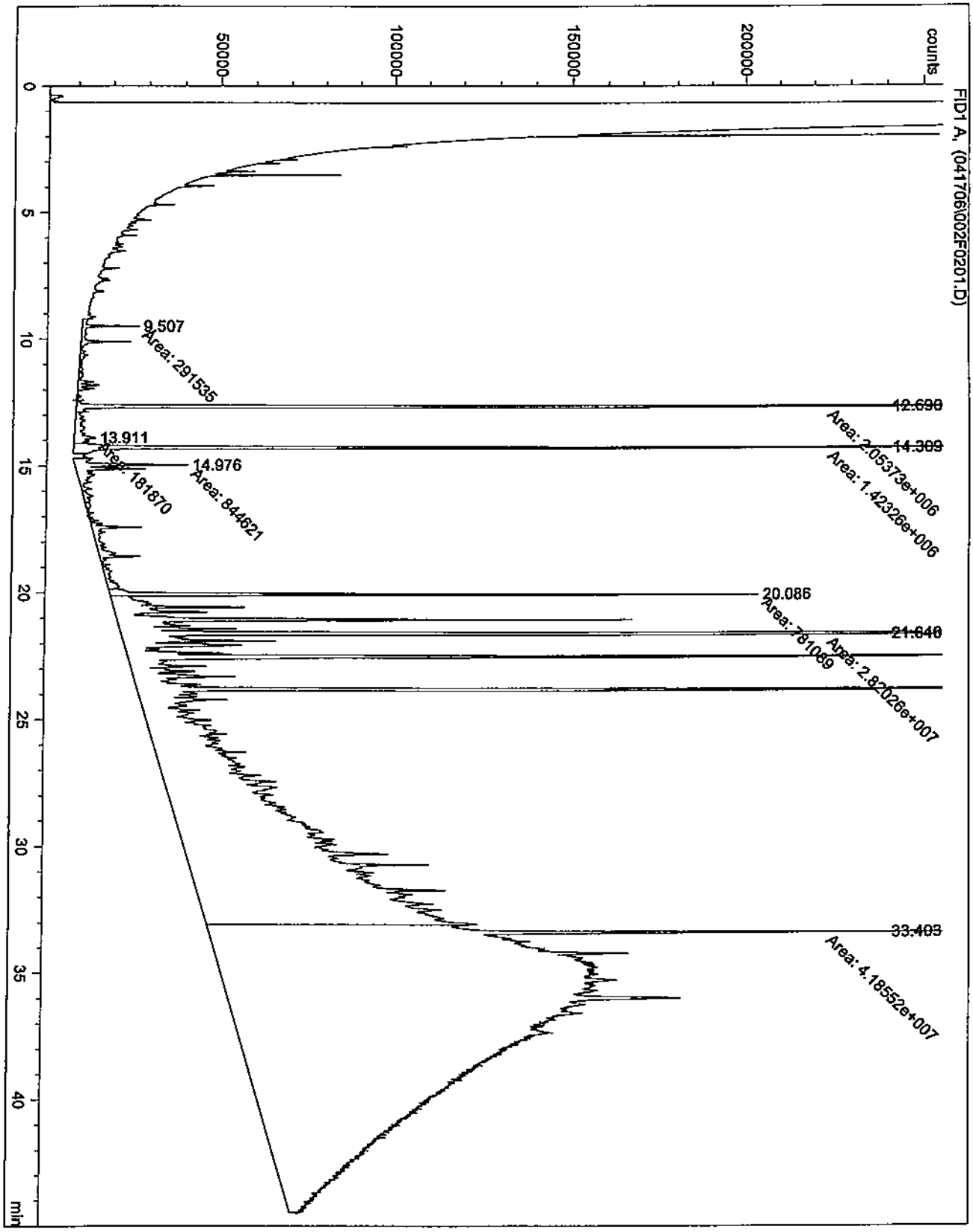
Injection Date	: 4/15/06 1:12:20 AM	Seq. Line :	20
Sample Name	: 30241-1 AR	Vial :	20
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:28:49 AM by CJONES (modified after loading)		



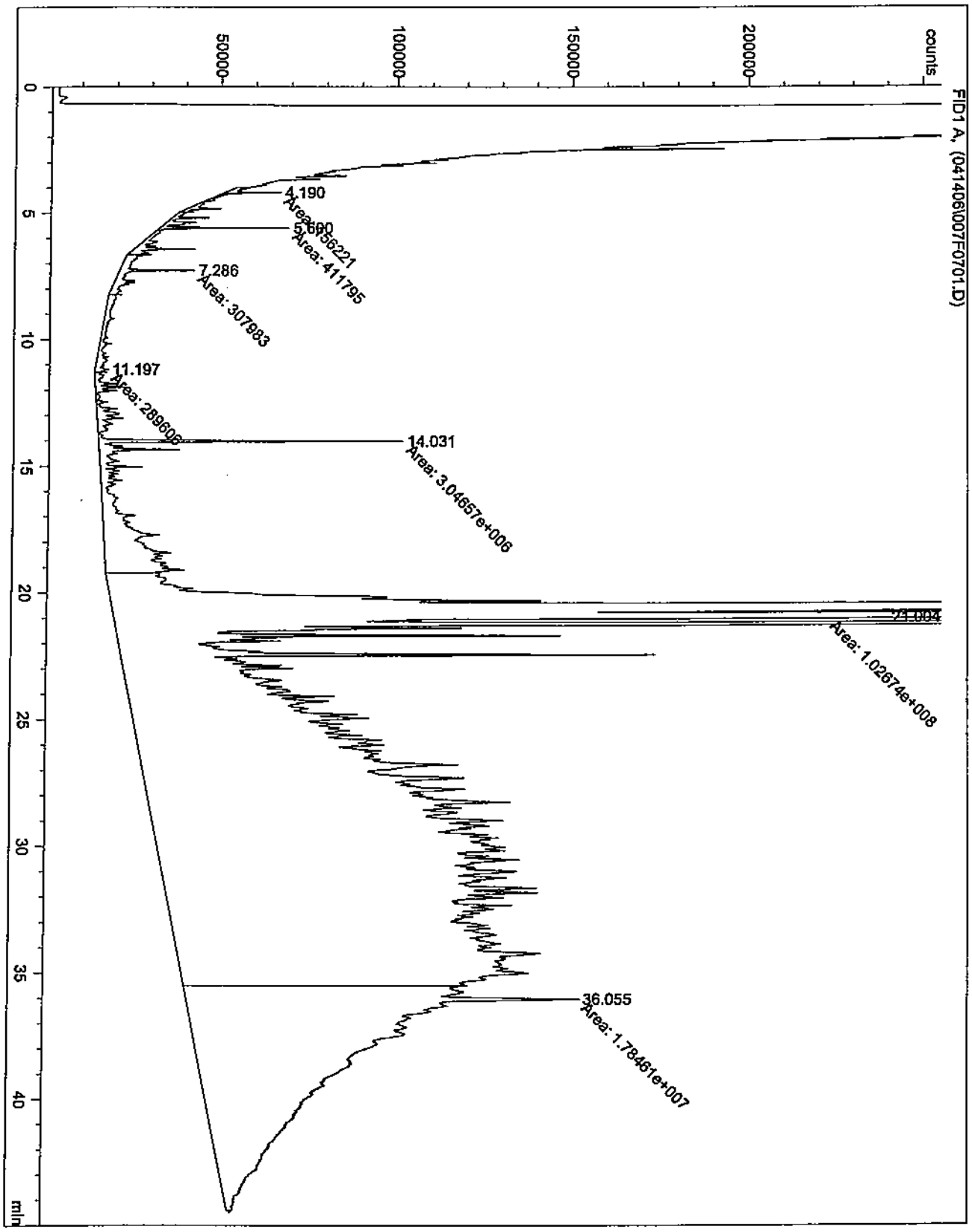
Injection Date	: 4/14/06 11:48:01 AM	Seq. Line :	6
Sample Name	: 30241-5 X5 AL	Vial :	6
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/14/06 1:19:55 PM by CJONES (modified after loading)		



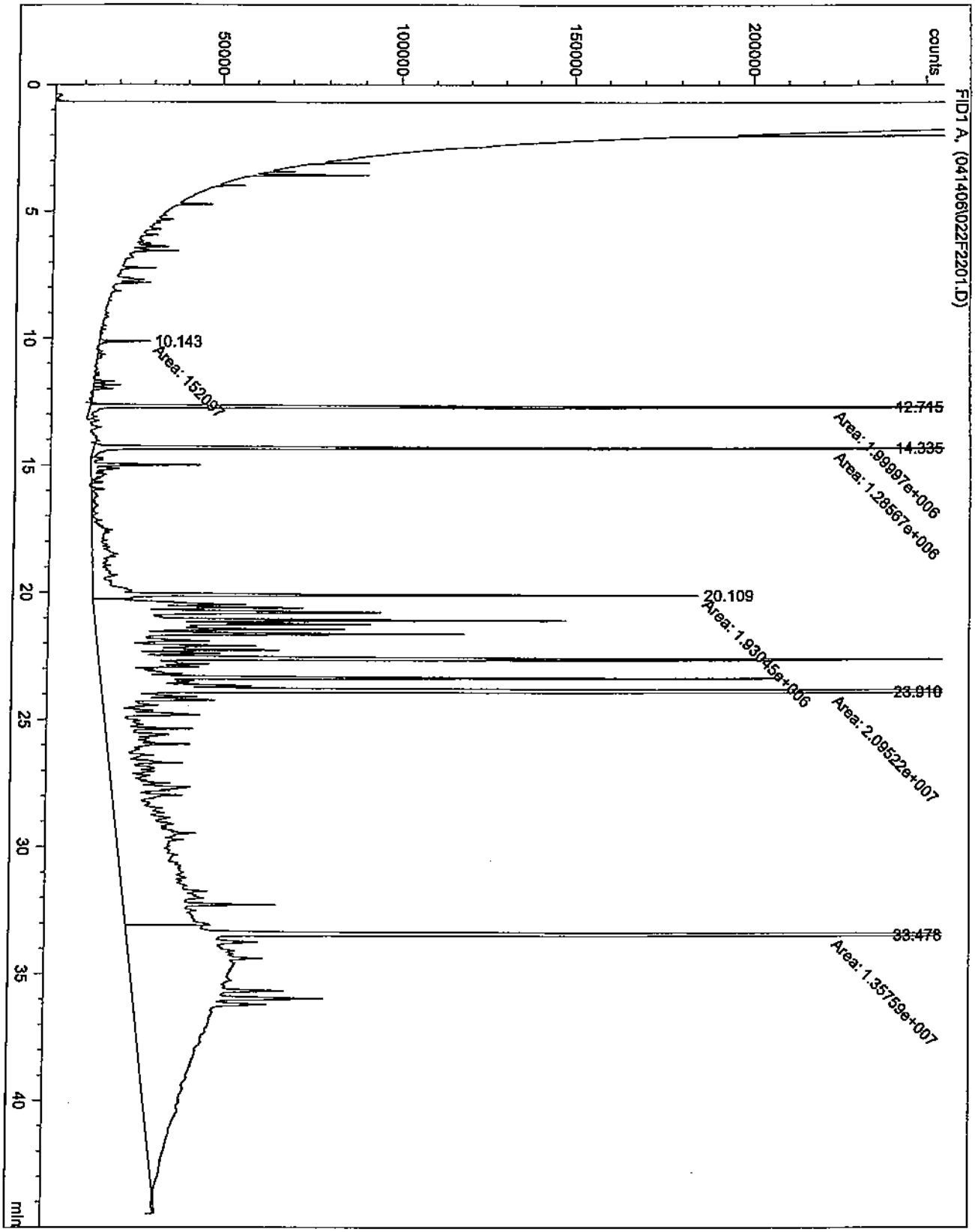
Injection Date	: 4/17/06 1:11:38 PM	Seq. Line :	2
Sample Name	: 30241-5 ar	Vial :	2
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/18/06 7:44:10 AM by CJONES (modified after loading)		



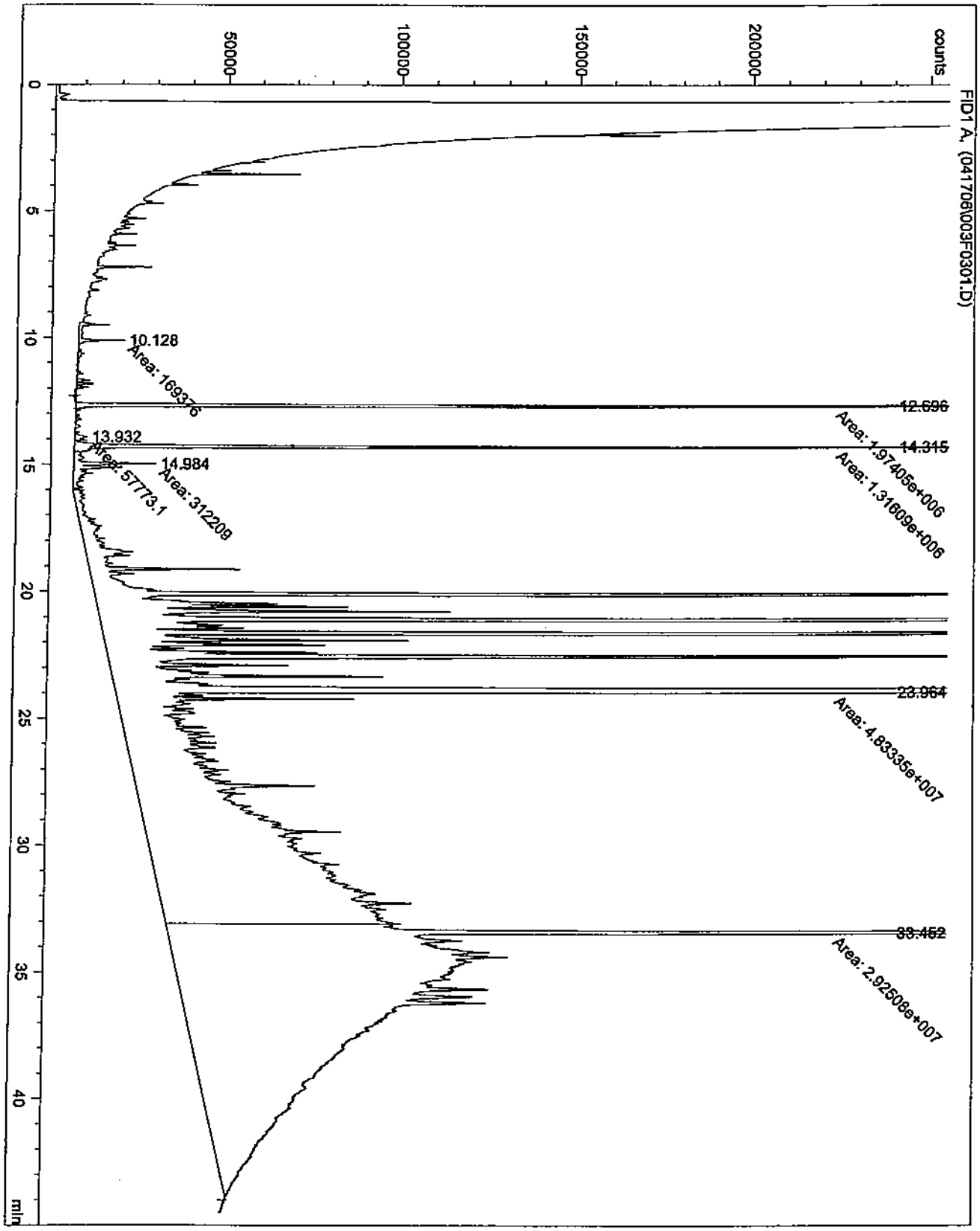
Injection Date	: 4/14/06 12:46:12 PM	Seq. Line :	7
Sample Name	: 30241-6 AL	Vial :	7
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/14/06 1:19:55 PM by CJONES (modified after loading)		



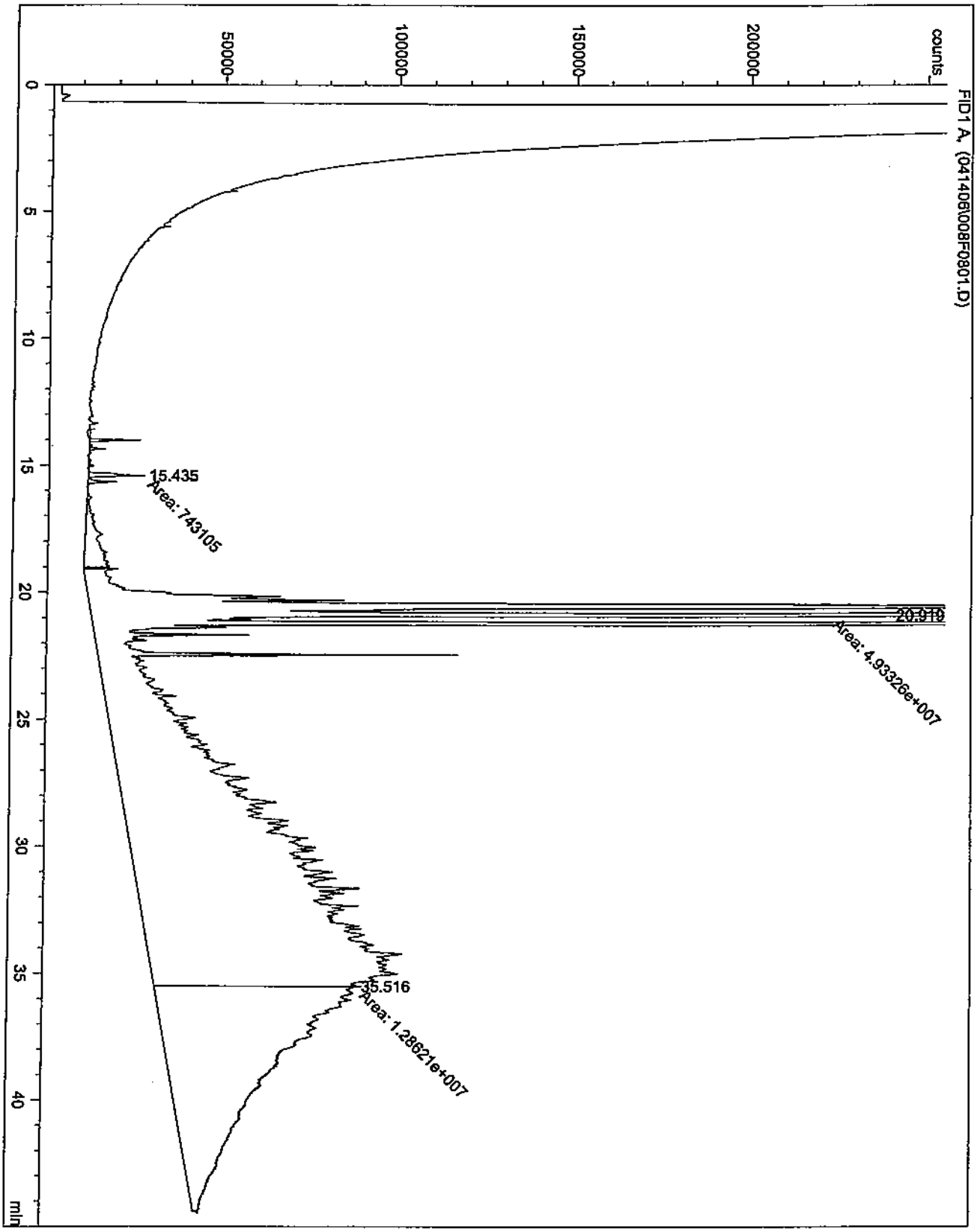
Injection Date	: 4/15/06 3:03:58 AM	Seq. Line :	22
Sample Name	: 30241-6 AR	Vial :	22
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:28:49 AM by CJONES (modified after loading)		



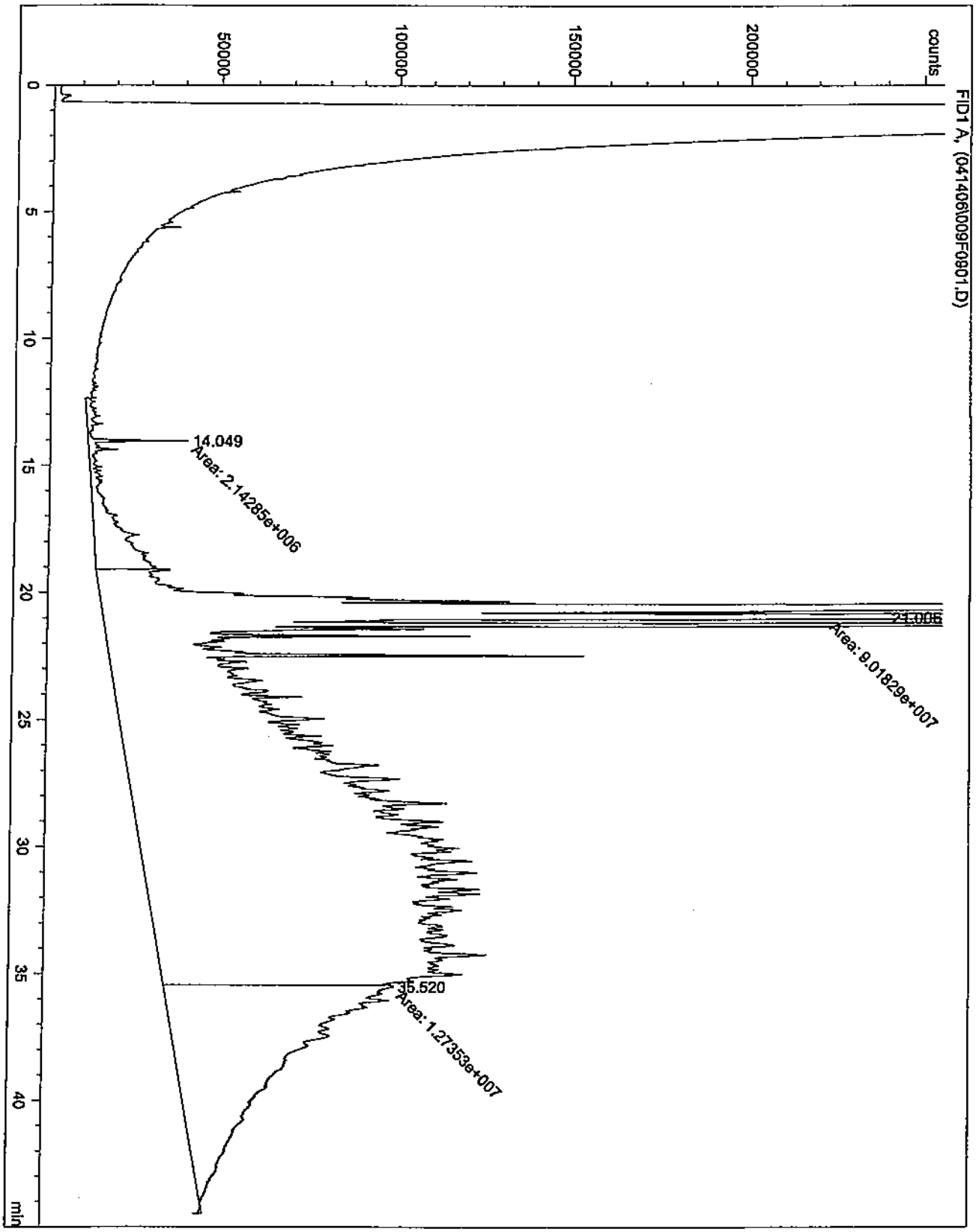
Injection Date	: 4/17/06 2:07:33 PM	Seq. Line :	3
Sample Name	: 30241-10 ar	Vial :	3
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/18/06 7:44:10 AM by CJONES (modified after loading)		



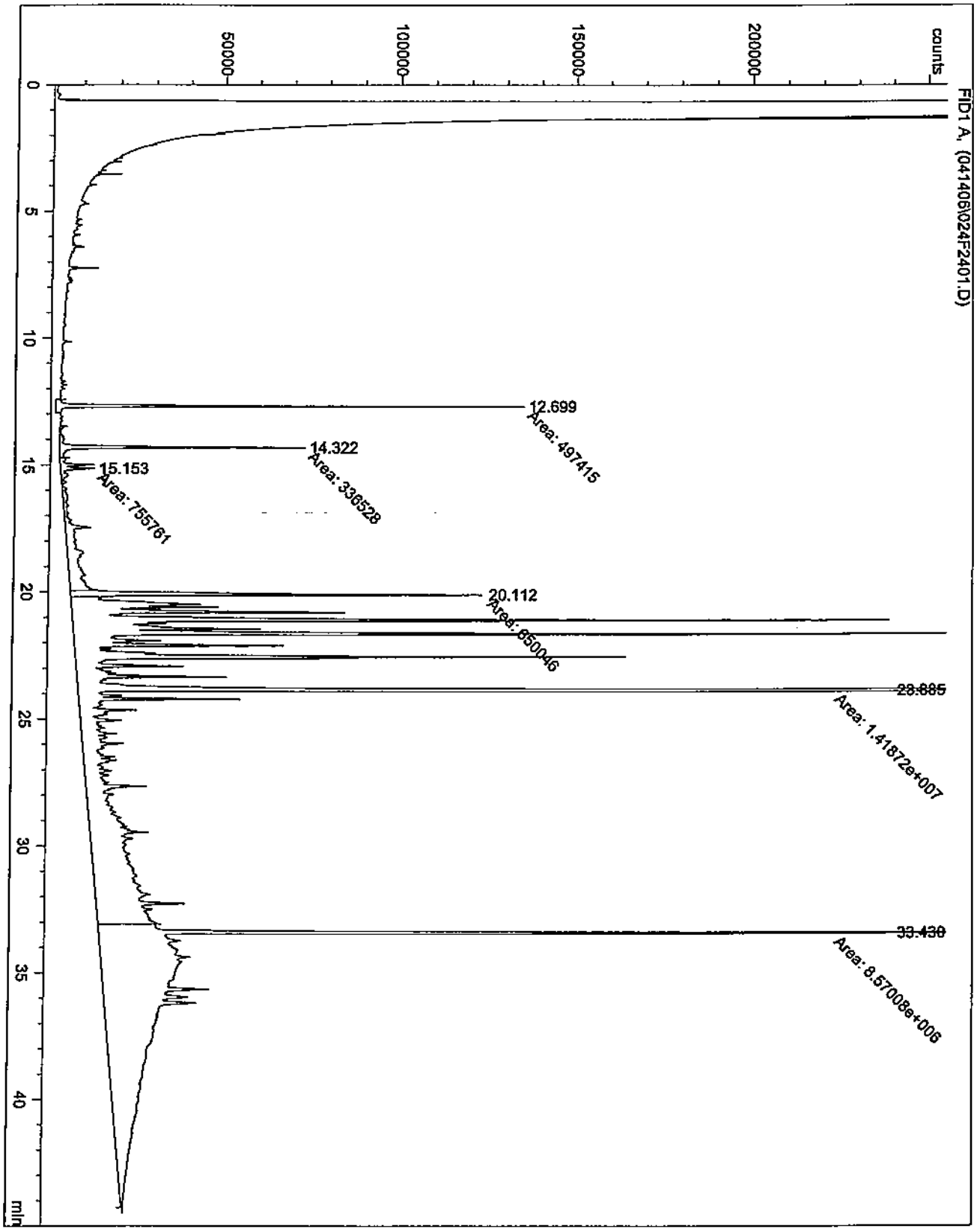
Injection Date	: 4/14/06 1:45:54 PM	Seq. Line :	8
Sample Name	: 30241-10 X5 AL	Vial :	8
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:15:58 AM by CJONES (modified after loading)		



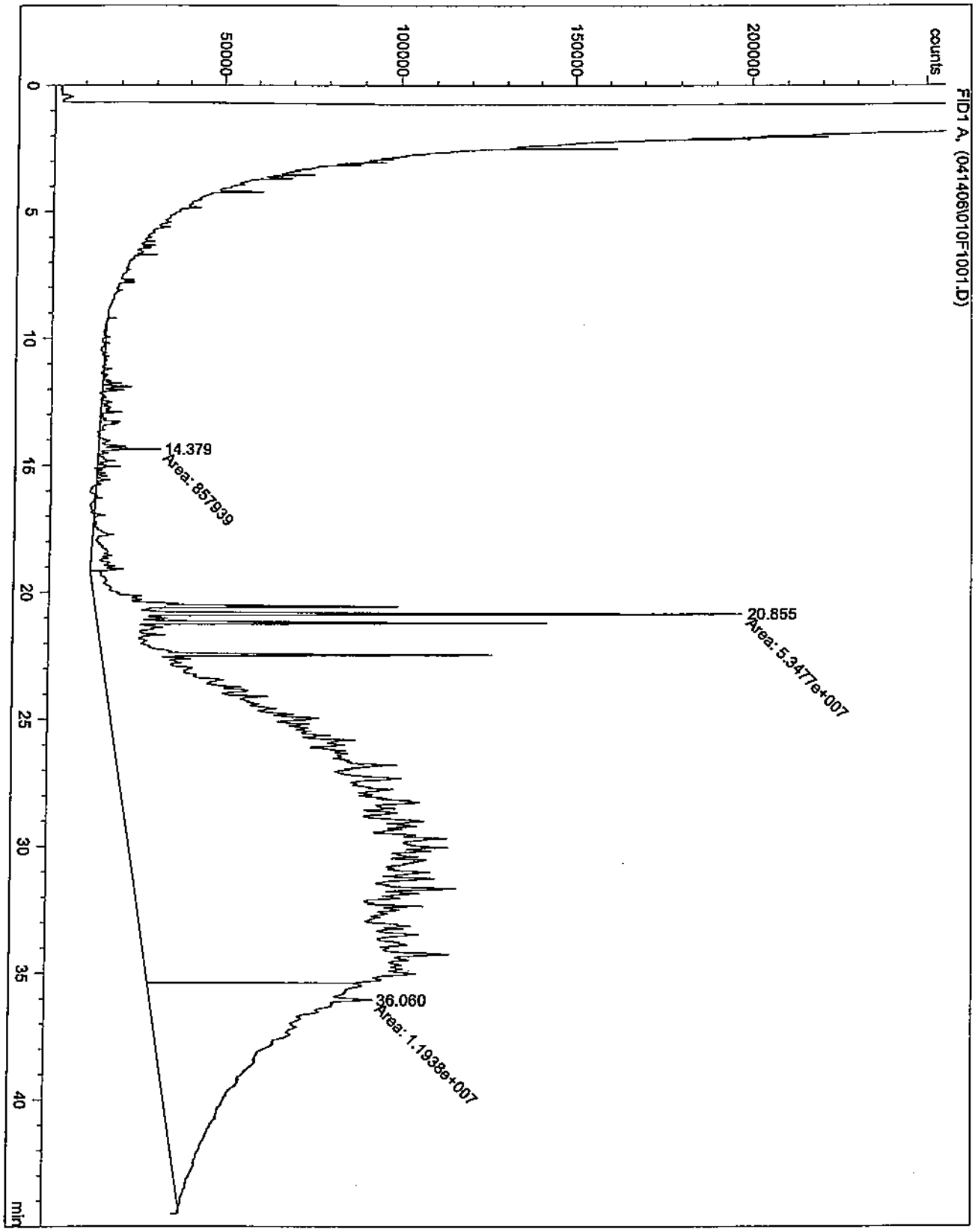
Injection Date	: 4/14/06 2:46:12 PM	Seq. Line :	9
Sample Name	: 30241-11 X5 AL	Vial :	9
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:15:58 AM by CJONES (modified after loading)		



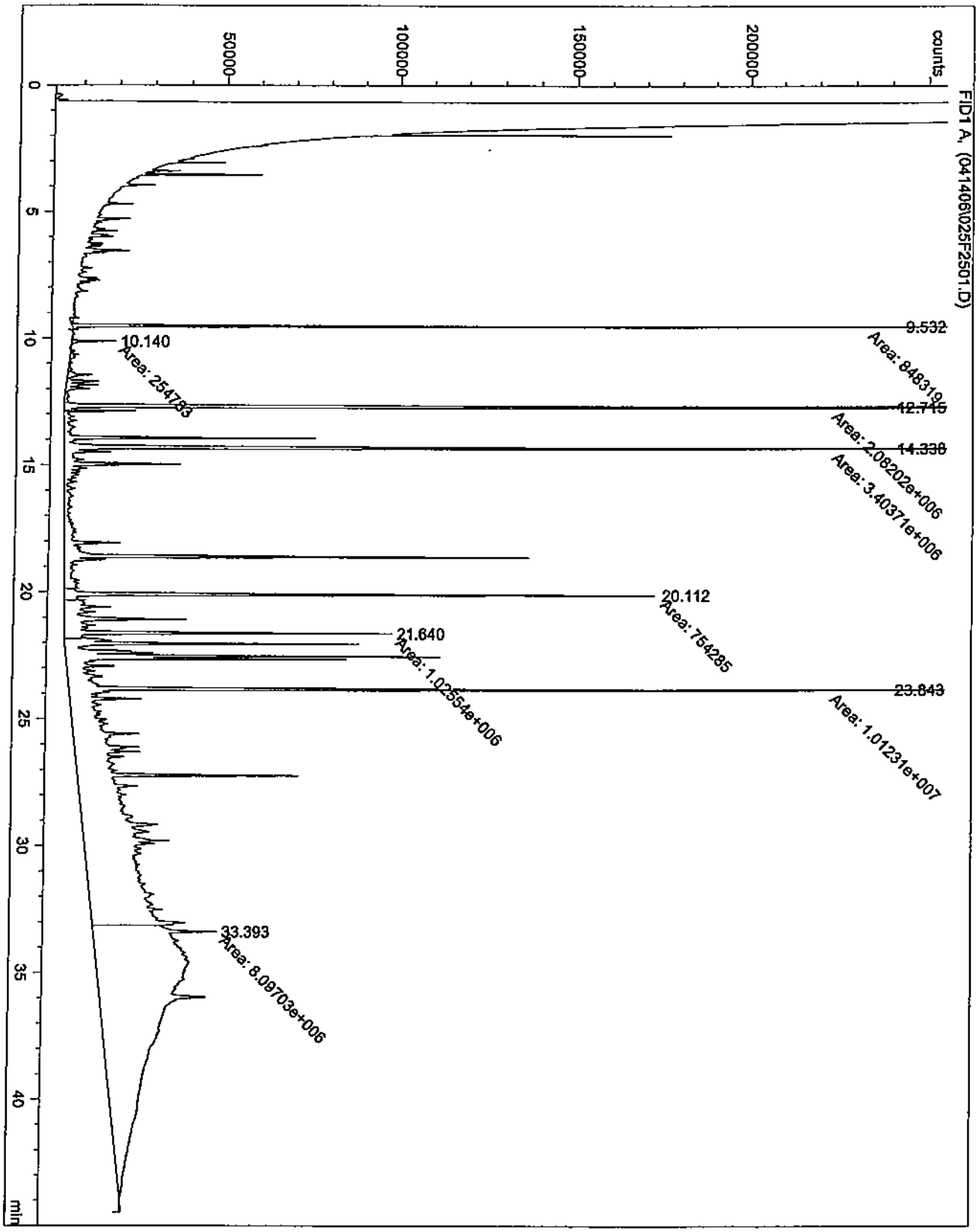
Injection Date	: 4/15/06 4:55:07 AM	Seq. Line :	24
Sample Name	: 30241-11 X5 AR	Vial :	24
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:28:49 AM by CJONES (modified after loading)		



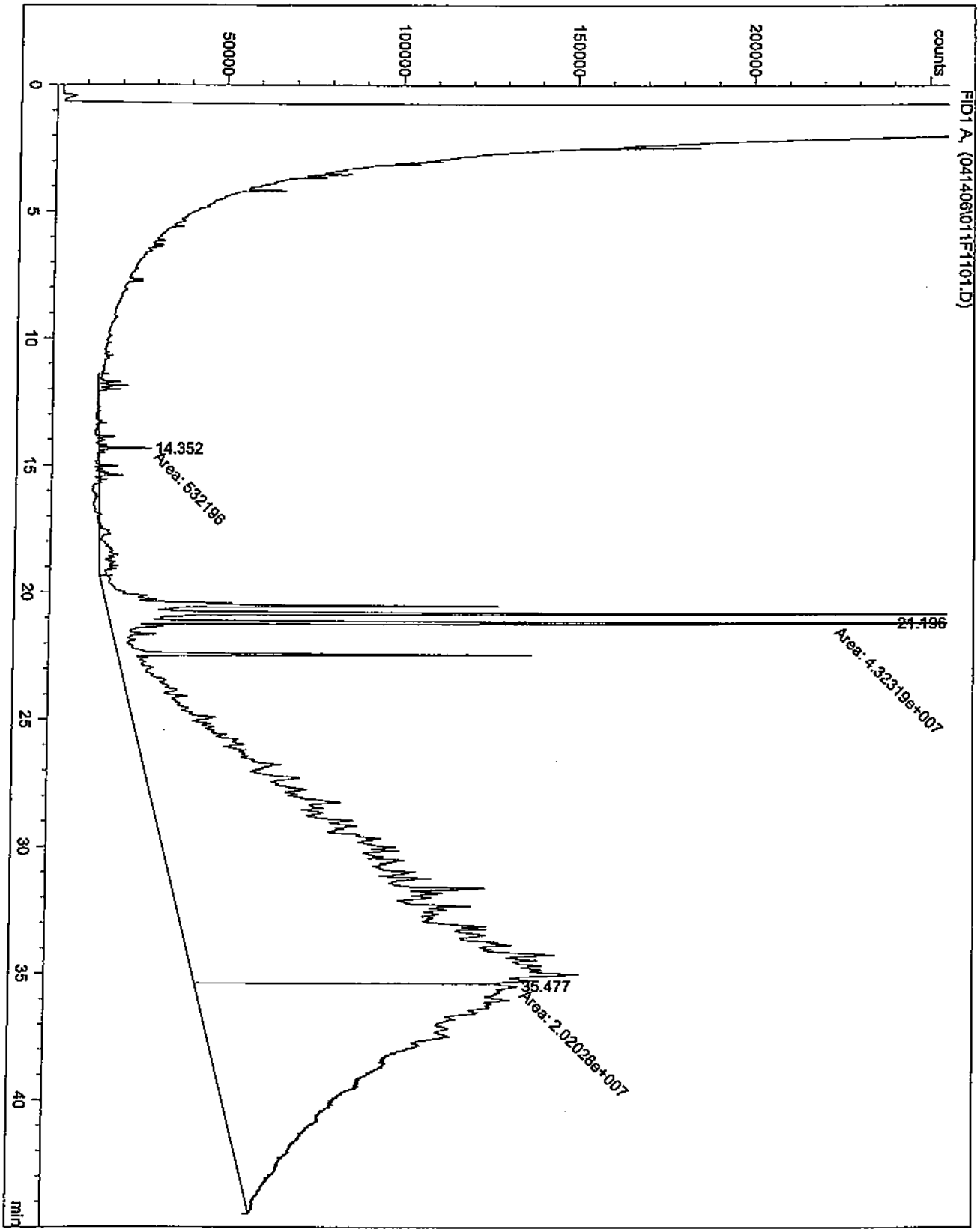
Injection Date	: 4/14/06 3:45:45 PM	Seq. Line :	10
Sample Name	: 30241-15 AL	Vial :	10
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:15:58 AM by CJONES (modified after loading)		



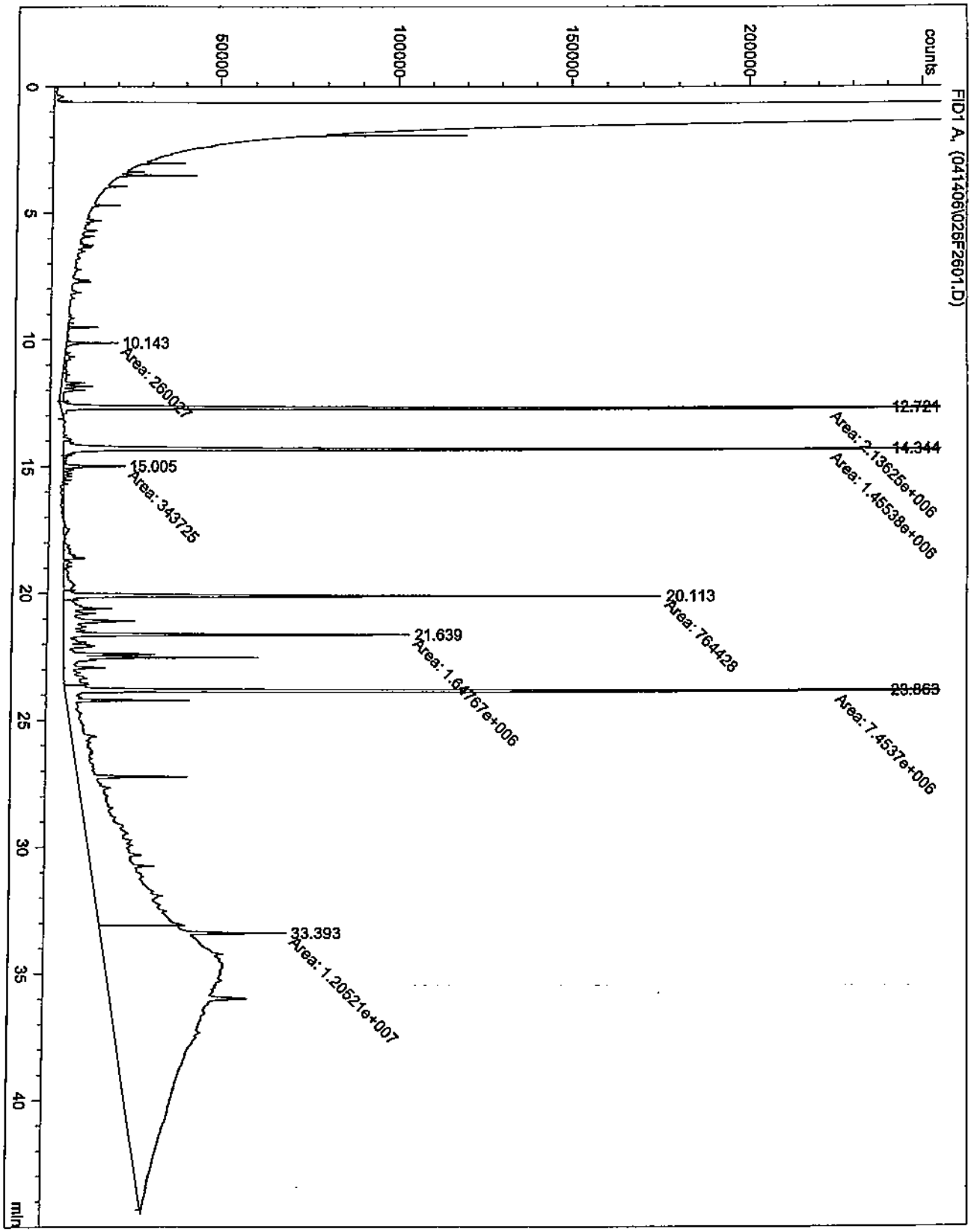
Injection Date	: 4/15/06 5:50:41 AM	Seq. Line :	25
Sample Name	: 30241-15 AR	Vial :	25
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:28:49 AM by CJONES (modified after loading)		



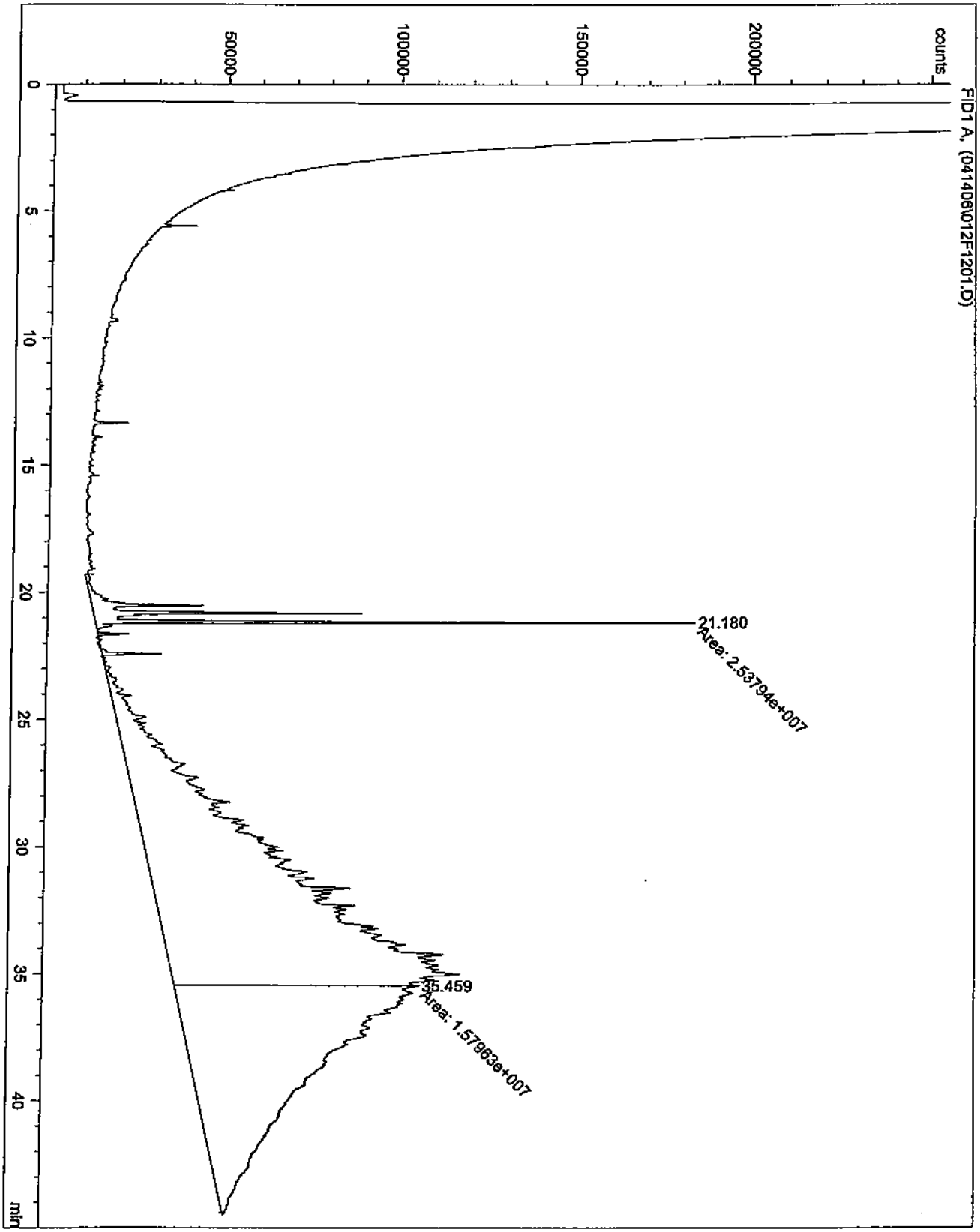
Injection Date	: 4/14/06 4:43:04 PM	Seq. Line :	11
Sample Name	: 30241-16 AL	Vial :	11
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:15:58 AM by CJONES (modified after loading)		



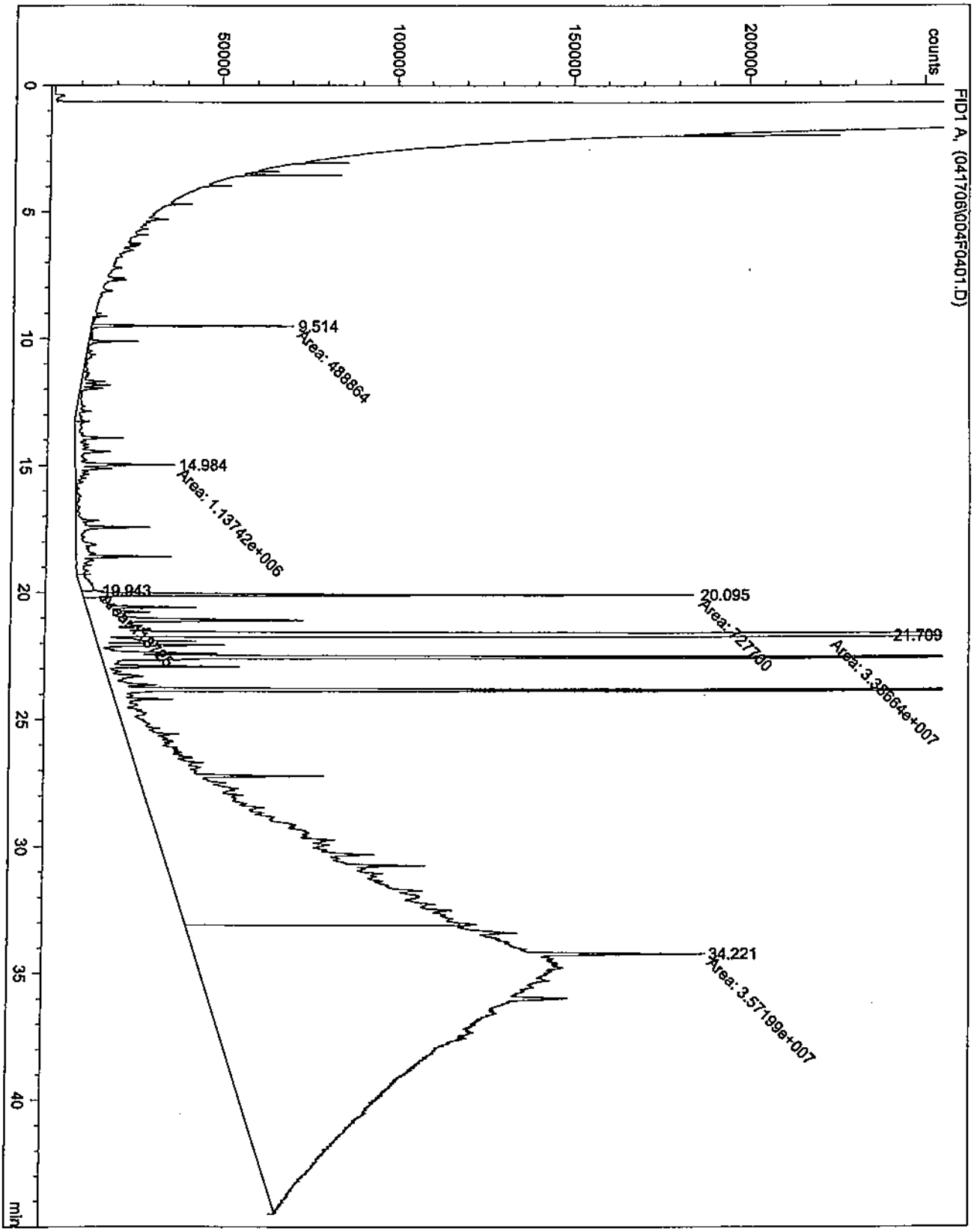
Injection Date	: 4/15/06 6:46:22 AM	Seq. Line :	26
Sample Name	: 30241-16 AR	Vial :	26
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:28:49 AM by CJONES (modified after loading)		



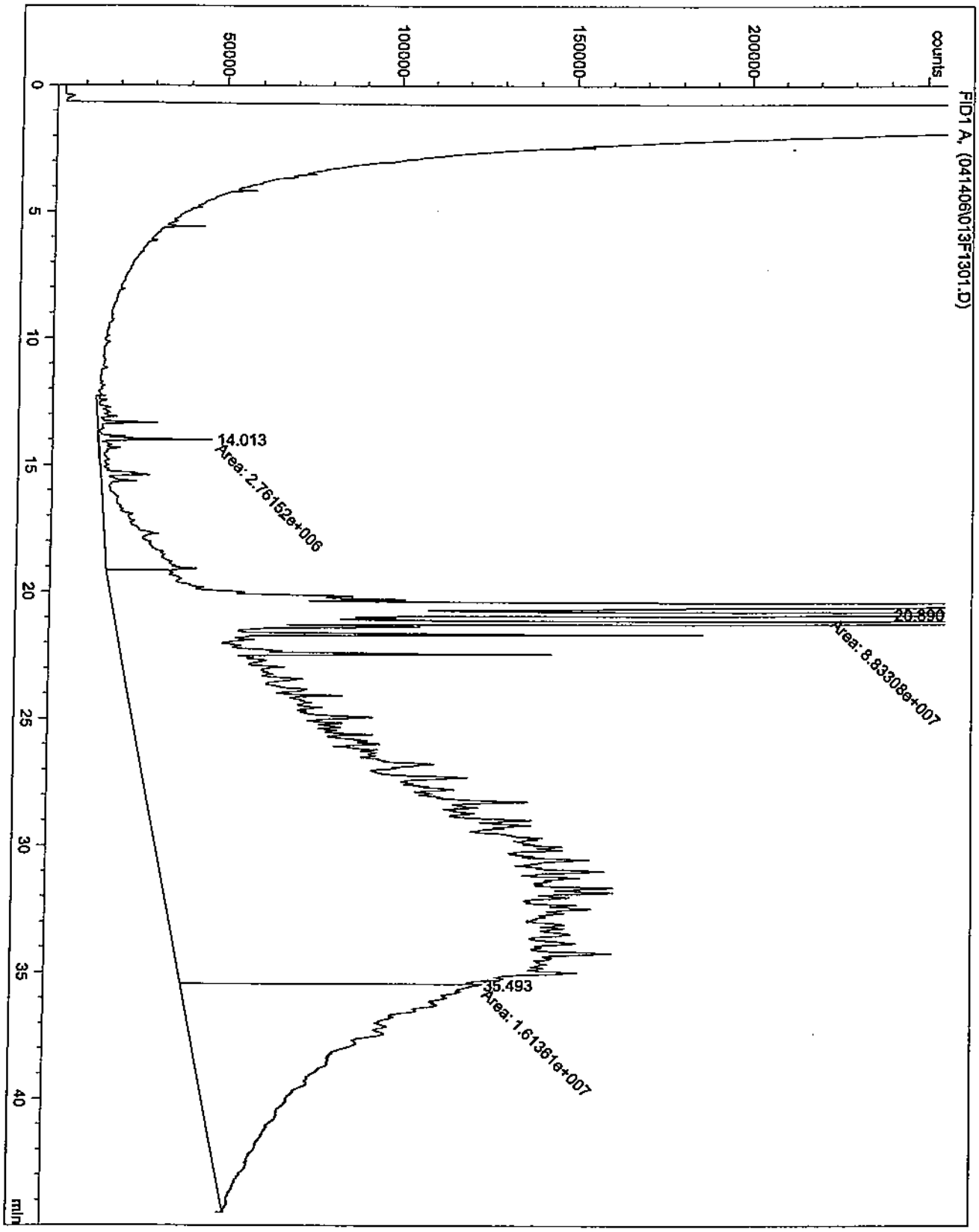
Injection Date	: 4/14/06 5:40:39 PM	Seq. Line :	12
Sample Name	: 30241-17 X5 AL	Vial :	12
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:15:58 AM by CJONES (modified after loading)		



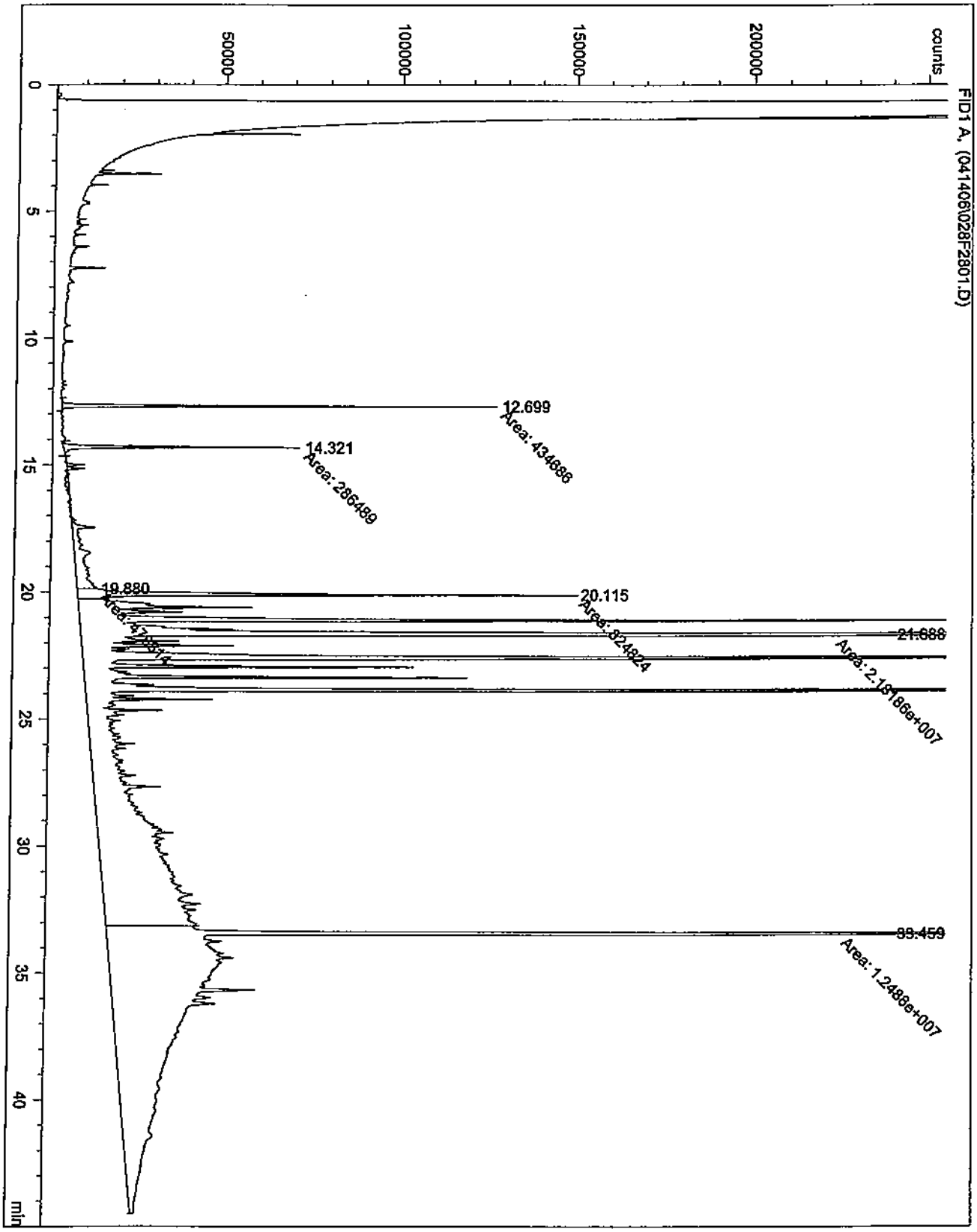
Injection Date	: 4/17/06 3:03:32 PM	Seq. Line :	4
Sample Name	: 30241-17 ar	Vial :	4
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/18/06 7:44:10 AM by CJONES (modified after loading)		



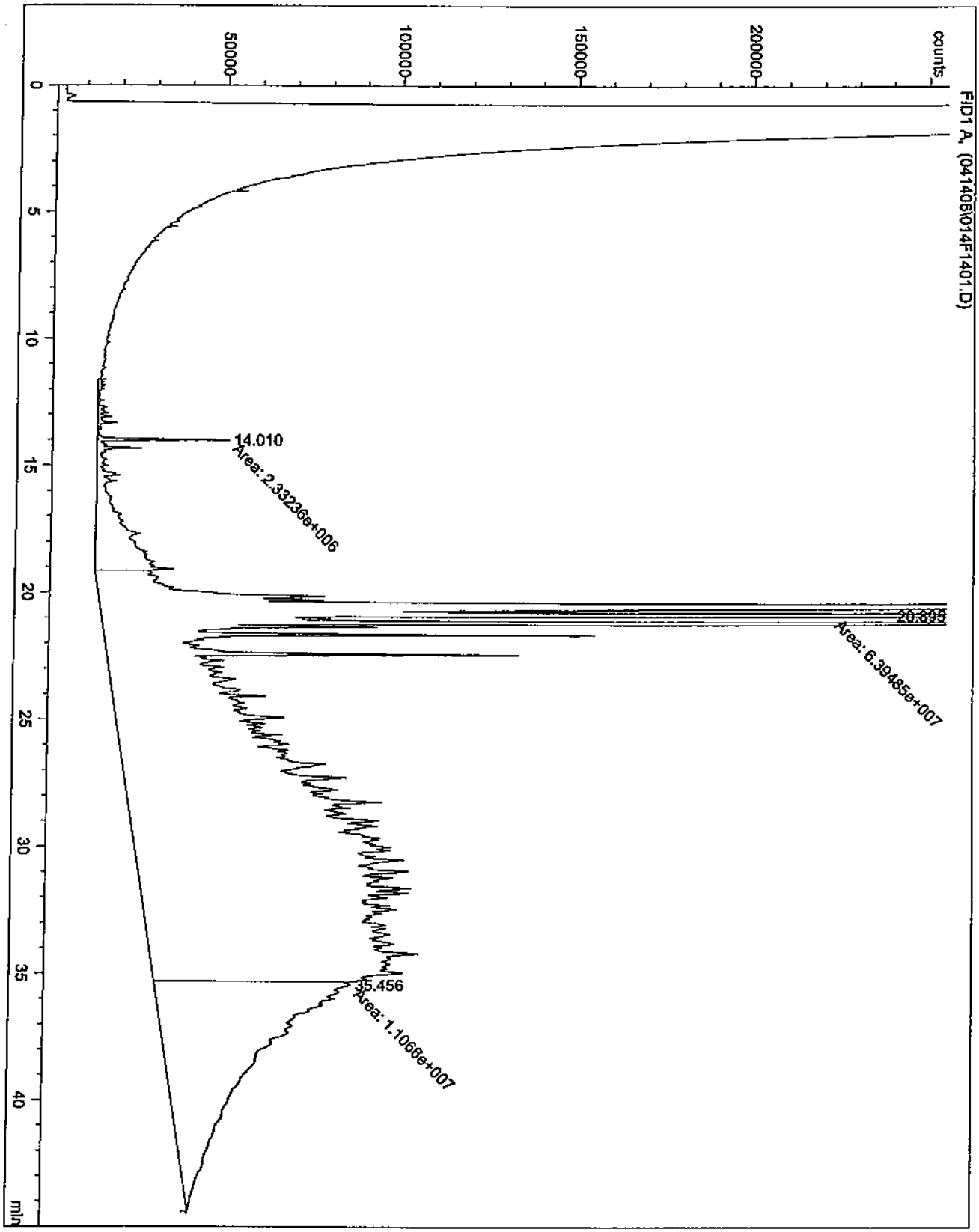
Injection Date	: 4/14/06 6:37:53 PM	Seq. Line :	13
Sample Name	: 30241-18 X5 AL	Vial :	13
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:15:58 AM by CJONES (modified after loading)		



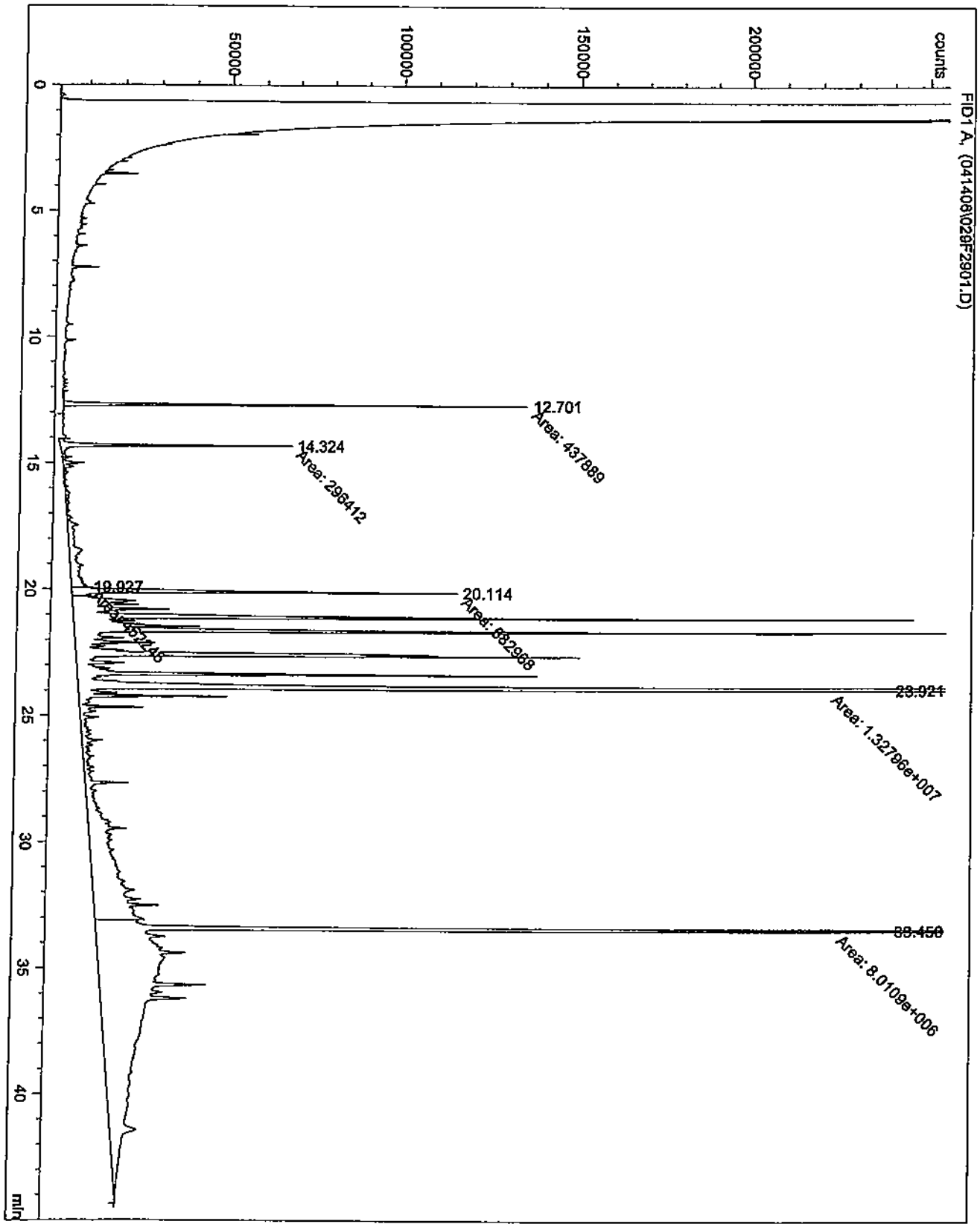
Injection Date	: 4/15/06 8:37:54 AM	Seq. Line :	28
Sample Name	: 30241-18 X5 AR	Vial :	28
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:28:49 AM by CJONES (modified after loading)		



Injection Date	: 4/14/06 7:35:02 PM	Seq. Line :	14
Sample Name	: 30241-19 X5 AL	Vial :	14
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:15:58 AM by CJONES (modified after loading)		



Injection Date	: 4/15/06 9:33:28 AM	Seq. Line :	29
Sample Name	: 30241-19 X5 AR	Vial :	29
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/17/06 8:28:49 AM by CJONES (modified after loading)		



Data File C:\HPCHEM\1\DATA\040106\PID00115.D

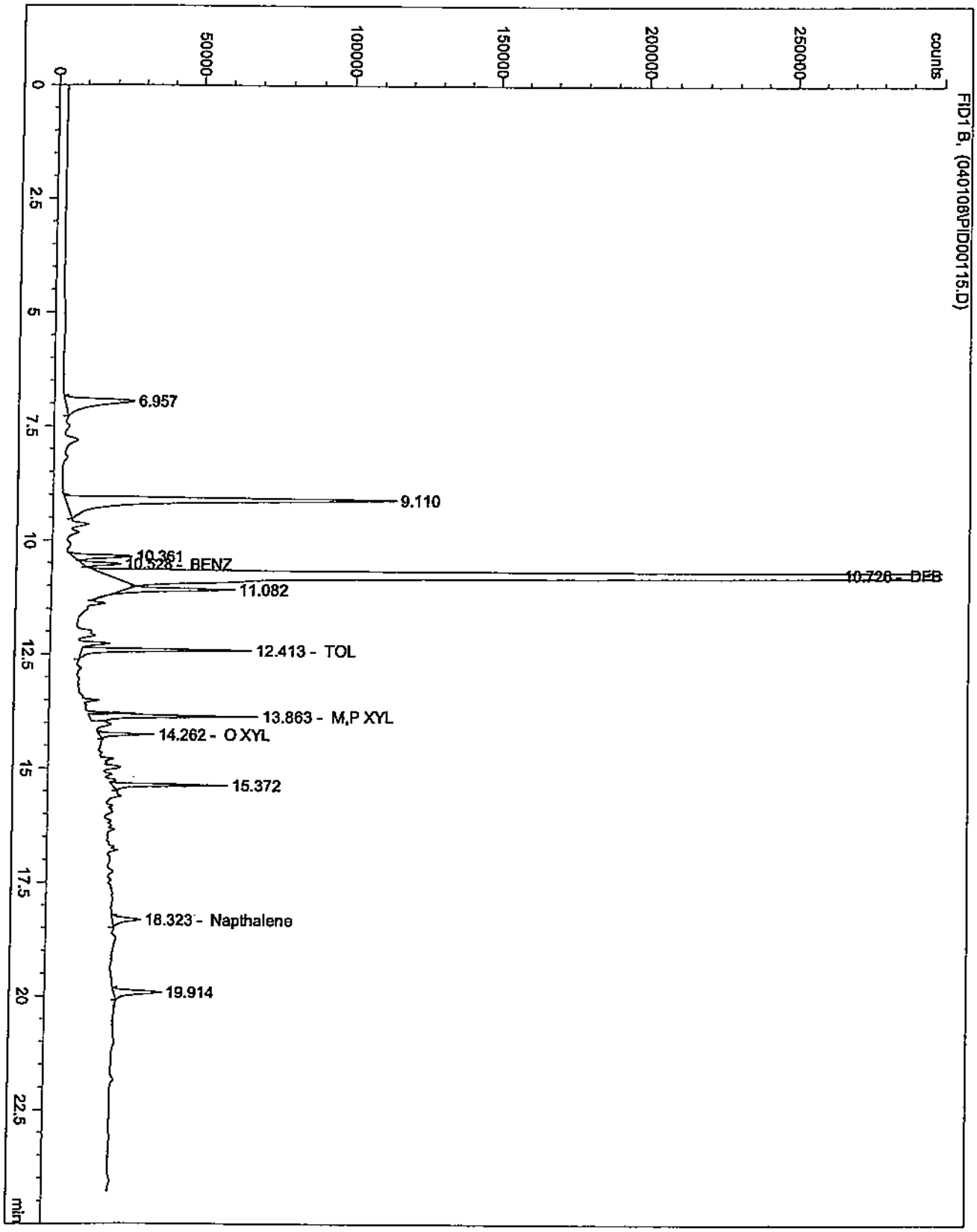
Injection Date : 4/5/06 4:08:58 PM
Sample Name :
Acq. Operator : LD

Vial : 1

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 7:24:59 AM by LD
(modified after loading)

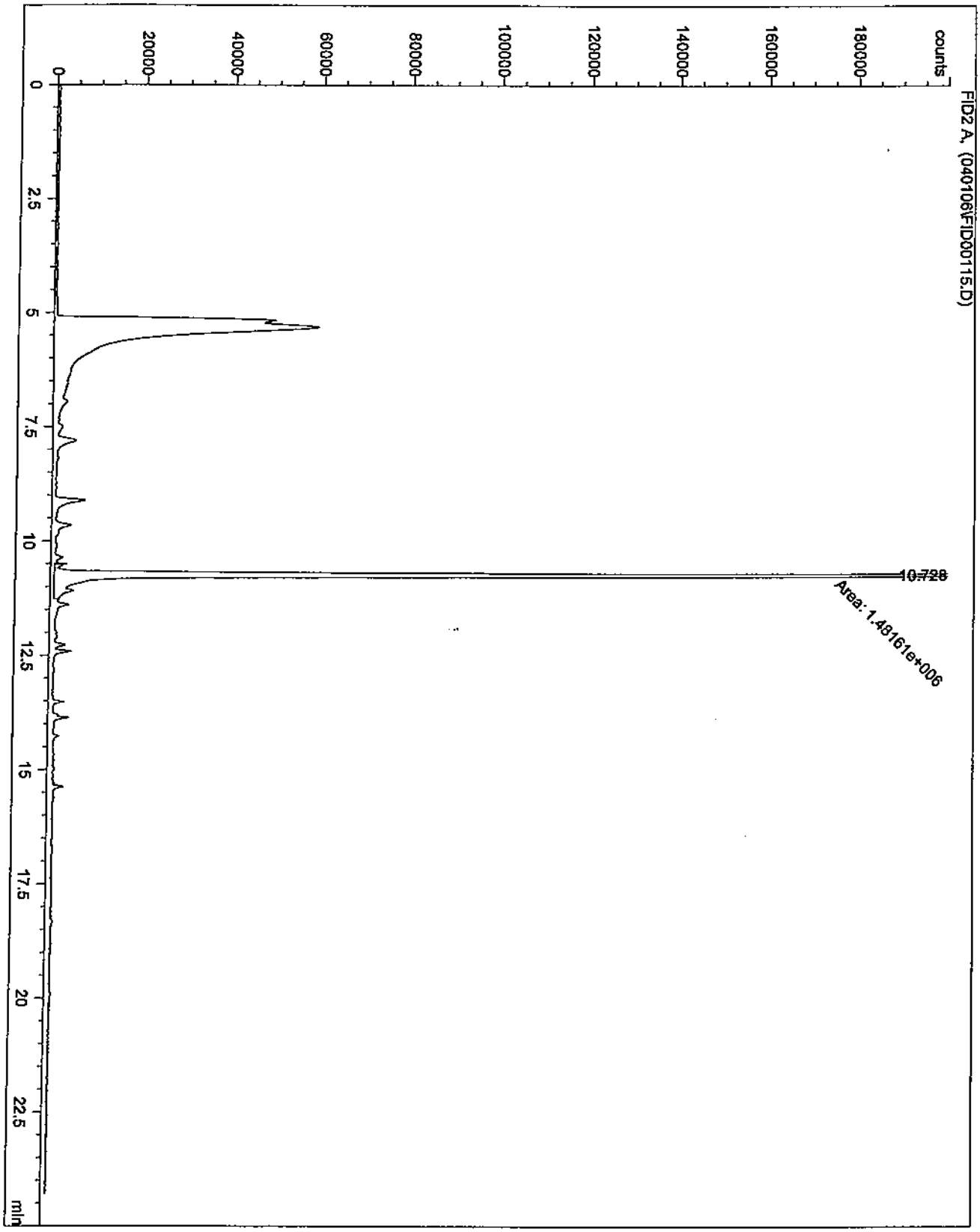
Lab # 30241-1
VPH
Aromatics



Data File C:\HPCHEM\1\DATA\040106\FID00115.D

Injection Date	: 4/5/06 4:08:58 PM		
Sample Name	:	Vial :	2
Acq. Operator	: LD		
		Inj Volume :	Manually
Acq. Method	: C:\HPCHEM\1\METHODS\VPHRUN.M		
Last changed	: 2/13/06 3:29:28 PM by LD		
Analysis Method	: C:\HPCHEM\1\METHODS\VPH.M		
Last changed	: 4/6/06 7:08:08 AM by LD (modified after loading)		

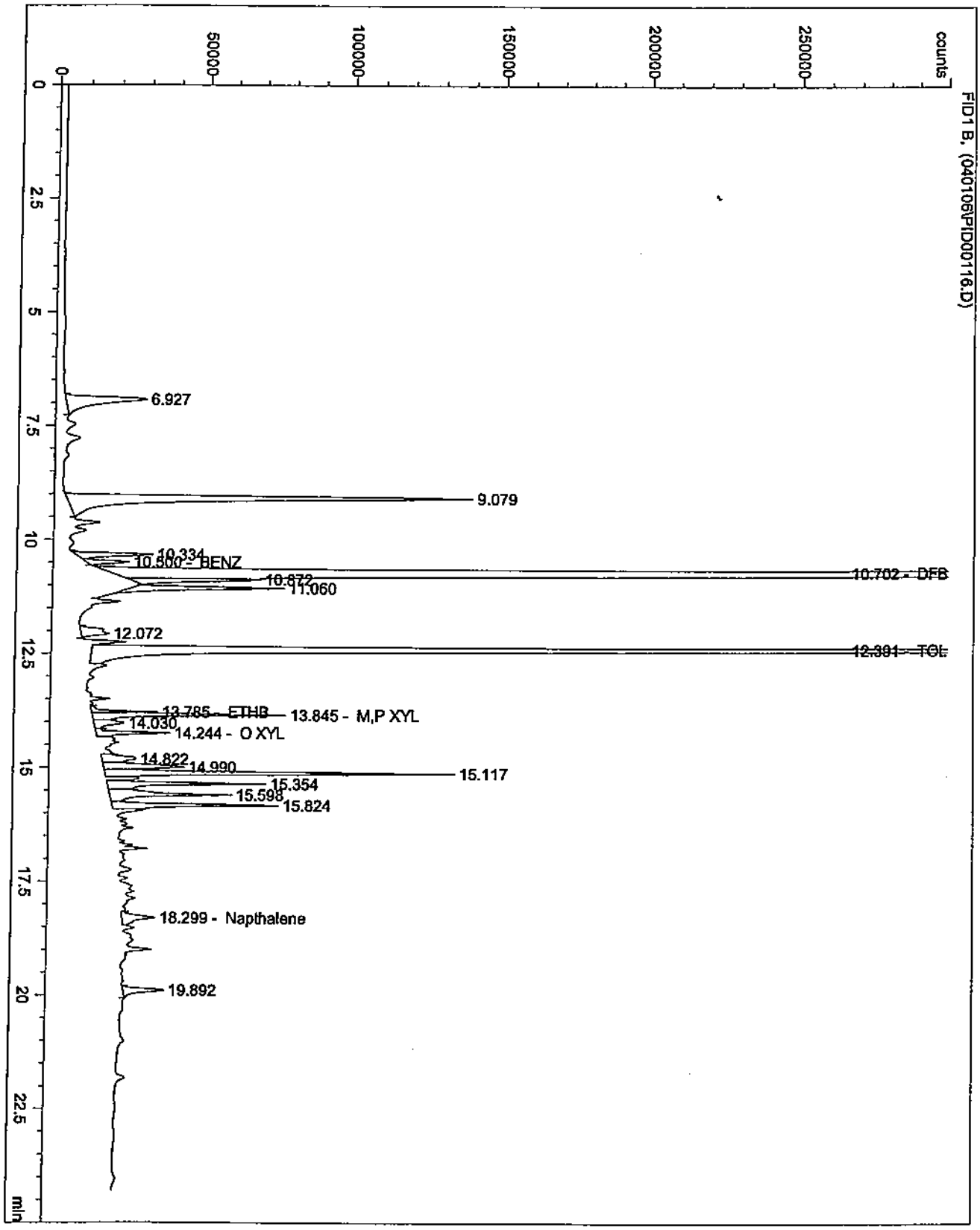
Lab # 302414
VPH Aliphatics



Data File C:\HPCHEM\1\DATA\040106\PID00116.D

Injection Date : 4/5/06 5:01:58 PM
Sample Name :
Vial : 1
Acq. Operator : LD
Inj Volume : Manually
Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 7:24:59 AM by LD
(modified after loading)

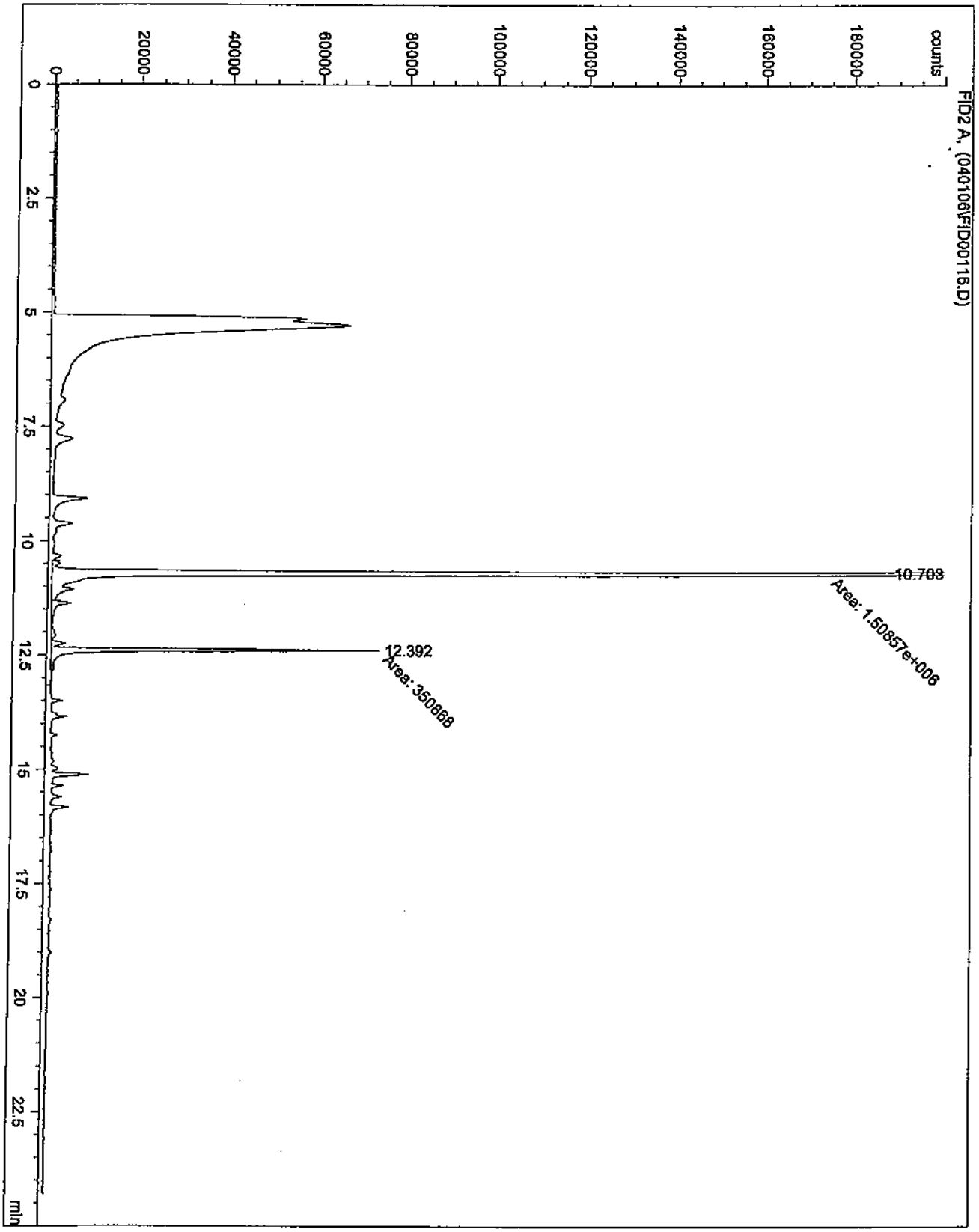
Lab #
30241-2
VPH
Aromatics



Data File C:\HPCHEM\1\DATA\040106\FID00116.D

Injection Date	: 4/5/06 5:01:58 PM		
Sample Name	:	Vial :	2
Acq. Operator	: LD		
		Inj Volume :	Manually
Acq. Method	: C:\HPCHEM\1\METHODS\VPHRUN.M		
Last changed	: 2/13/06 3:29:28 PM by LD		
Analysis Method	: C:\HPCHEM\1\METHODS\VPH.M		
Last changed	: 4/6/06 7:08:08 AM by LD (modified after loading)		

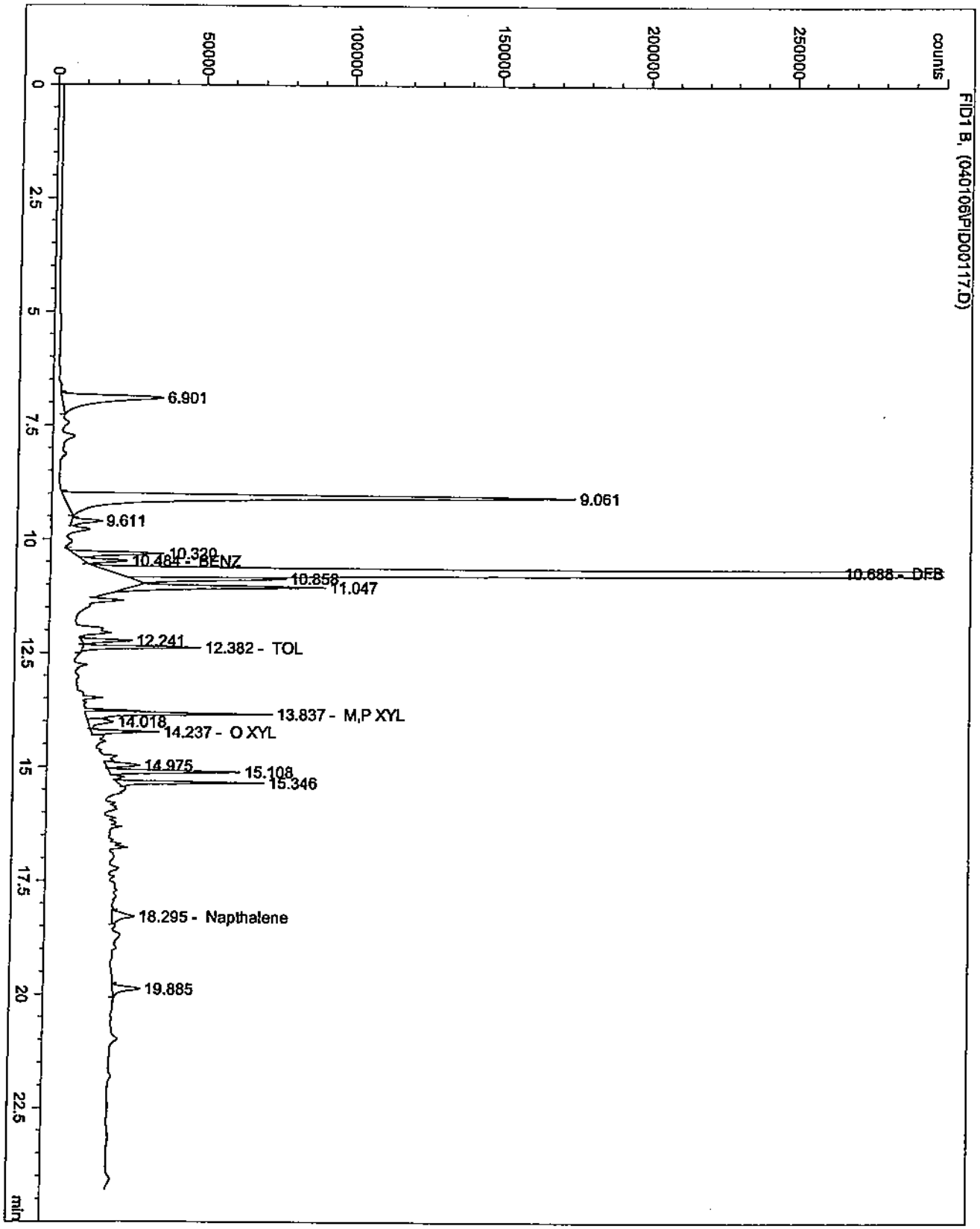
Lab # 30241-2
VPH
Aliphatics



Data File C:\HPCHEM\1\DATA\040106\PID00117.D

Injection Date : 4/5/06 6:15:16 PM
Sample Name :
Acq. Operator : LD
Vial : 1
Inj Volume : Manually
Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 7:24:59 AM by LD
(modified after loading)

Lab #
30241-5
VPH
Aromatics



Data File C:\HPCHEM\1\DATA\040106\FID00117.D

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Injection Date : 4/5/06 6:15:16 PM
Sample Name :
Acq. Operator : LD

Vial : 2

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\VPH.M
Last changed : 4/6/06 7:08:08 AM by LD
(modified after loading)

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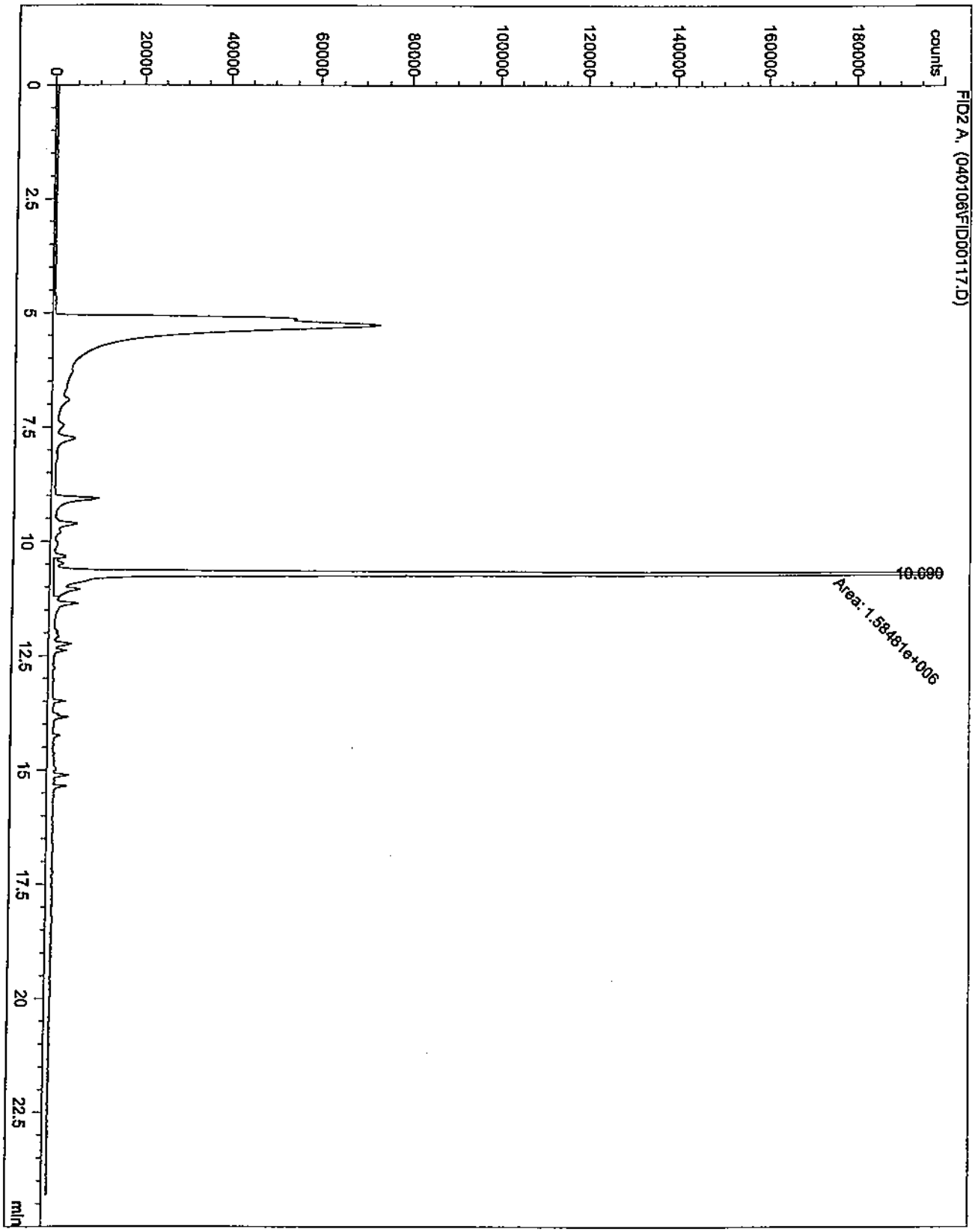
Lab # 30241-5
VPH
Aliphatics



Data File C:\HPCHEM\1\DATA\040106\PID00118.D

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Injection Date : 4/5/06 6:54:37 PM
Sample Name :
Acq. Operator : LD

Vial : 1

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 10:08:07 AM by LD
(modified after loading)

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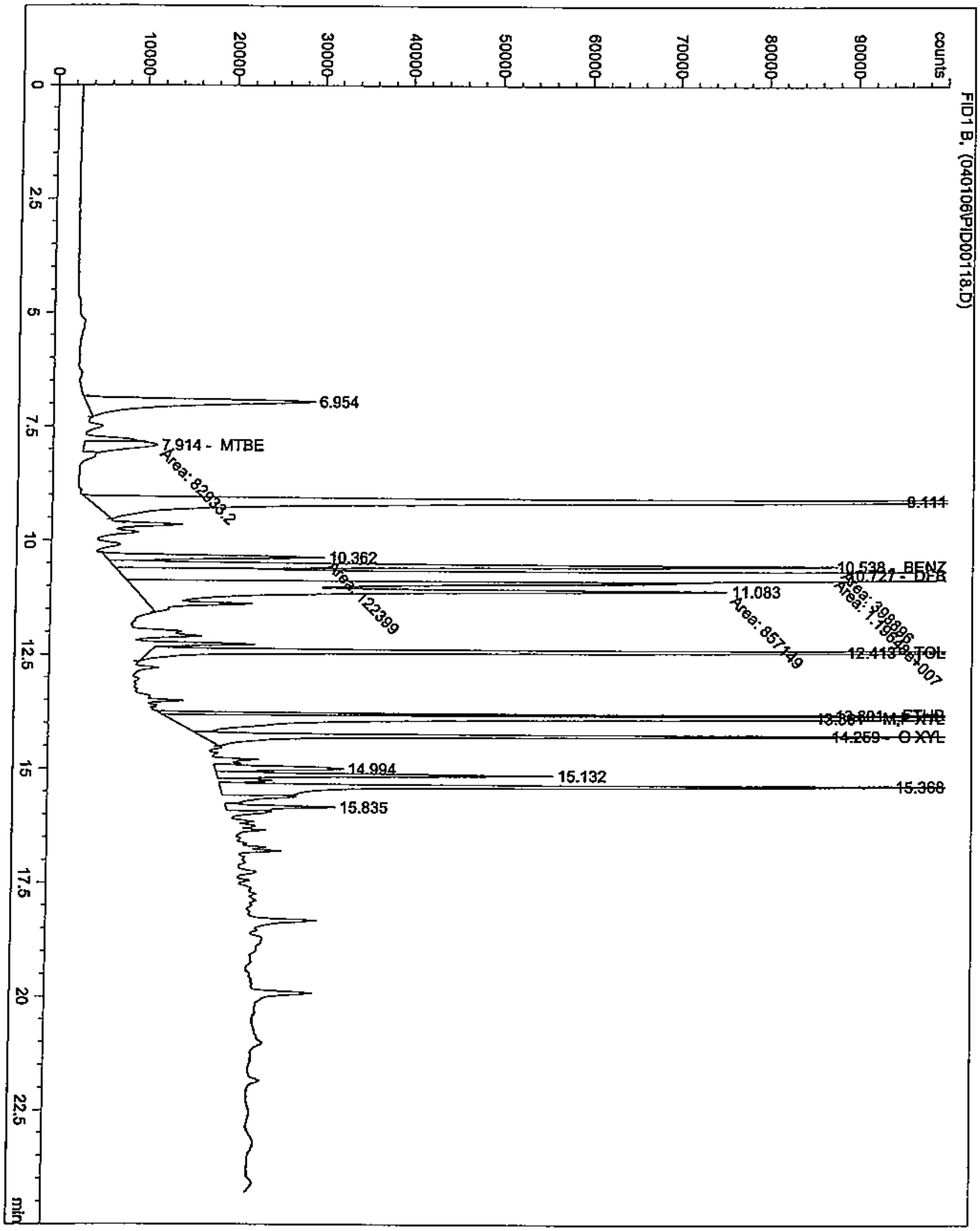
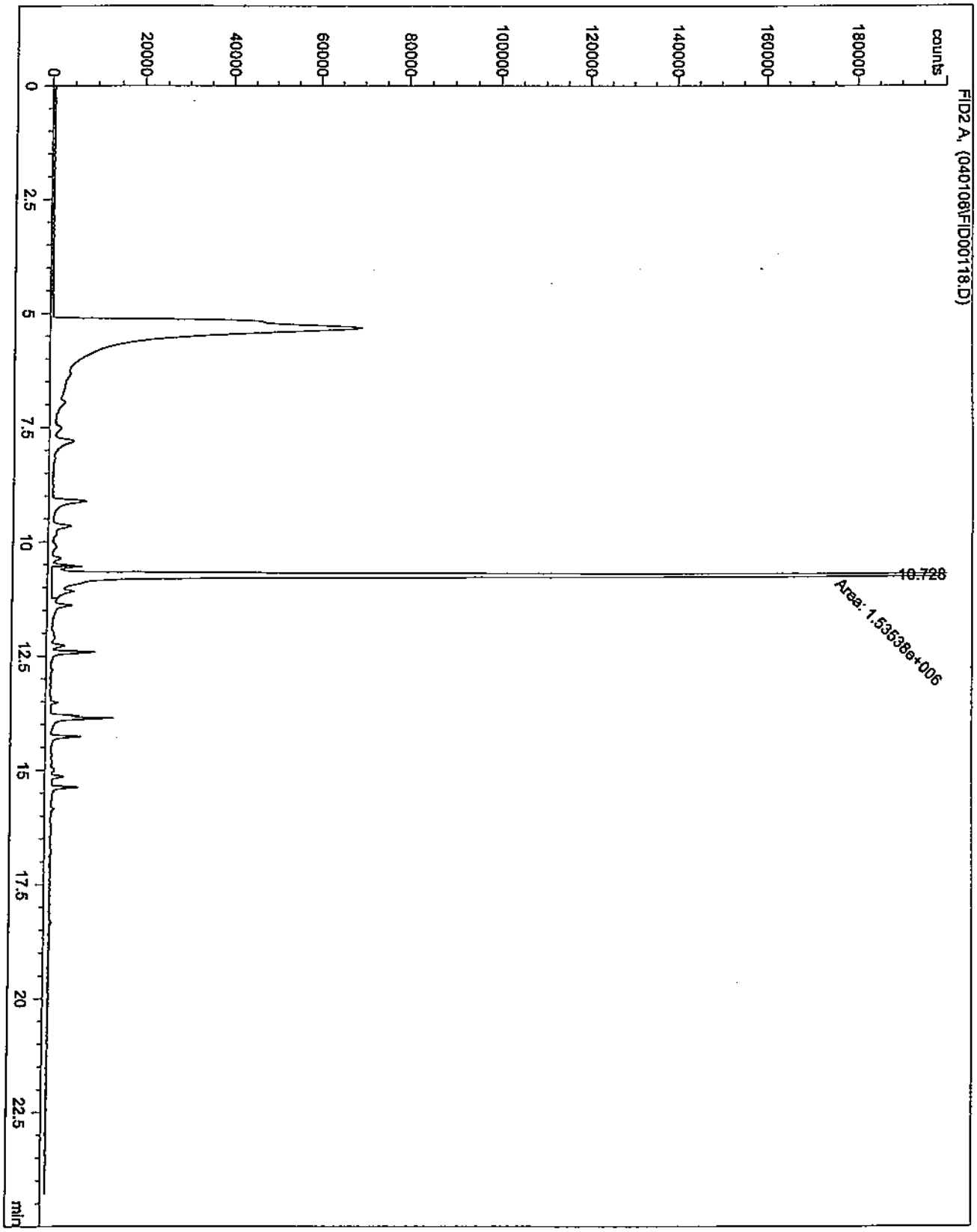
Lab # 30241-6
VPH
Aromatics



Data File C:\HPCHEM\1\DATA\040106\FID00118.D

Injection Date	: 4/5/06 6:54:37 PM		
Sample Name	:	Vial :	2
Acq. Operator	: LD		
		Inj Volume :	Manually
Acq. Method	: C:\HPCHEM\1\METHODS\VPHRUN.M		
Last changed	: 2/13/06 3:29:28 PM by LD		
Analysis Method	: C:\HPCHEM\1\METHODS\VPH.M		
Last changed	: 4/6/06 7:08:08 AM by LD (modified after loading)		

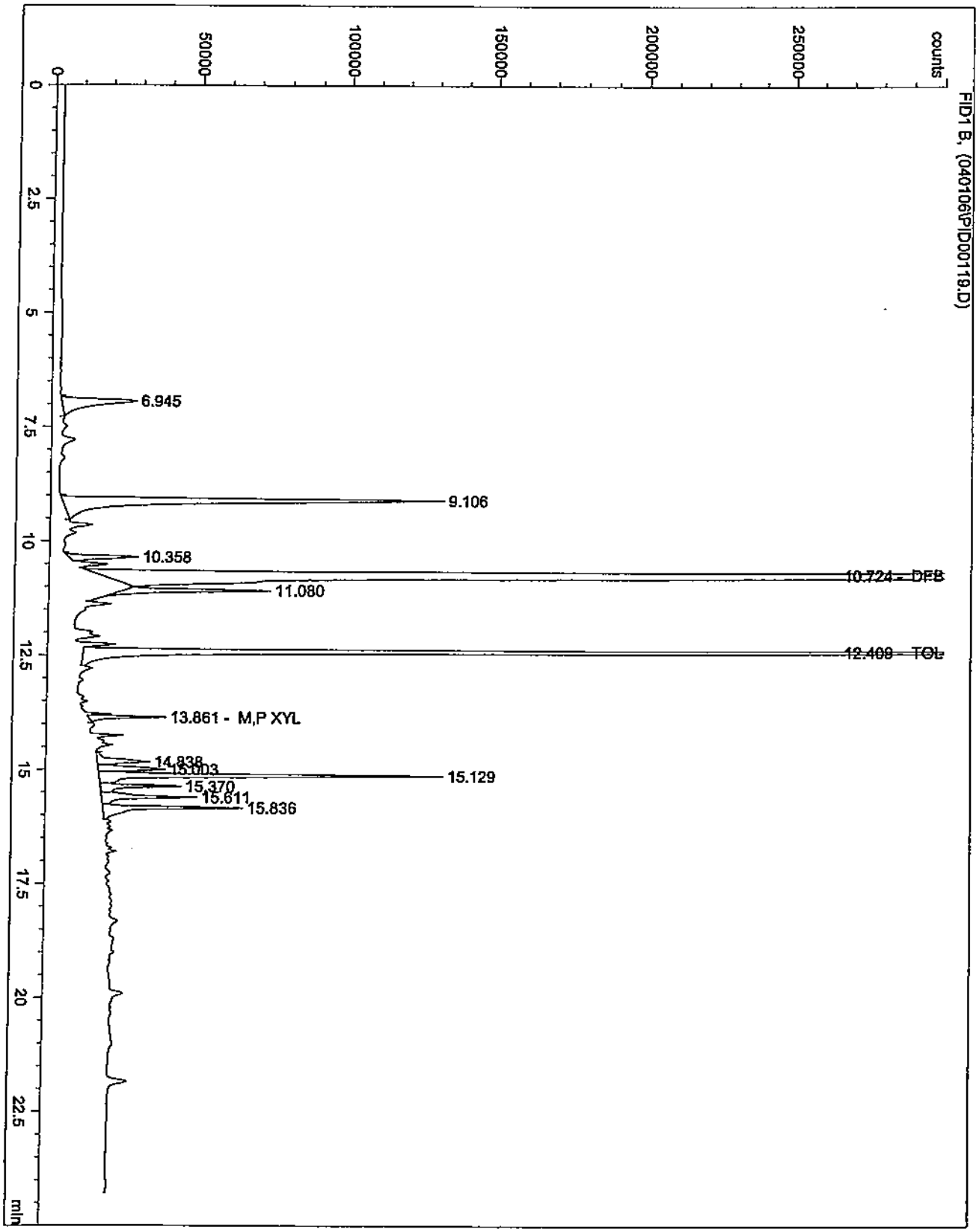
Lab # 30241-6
VPH
Aliphatics



Data File C:\HPCHEM\1\DATA\040106\PID00119.D

Lab # 36841-7
VPH Aromatics

Injection Date : 4/5/06 7:33:38 PM
Sample Name :
Vial : 1
Acq. Operator : LD
Inj Volume : Manually
Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 7:24:59 AM by LD
(modified after loading)



Data File C:\HPCHEM\1\DATA\040106\FID00119.D

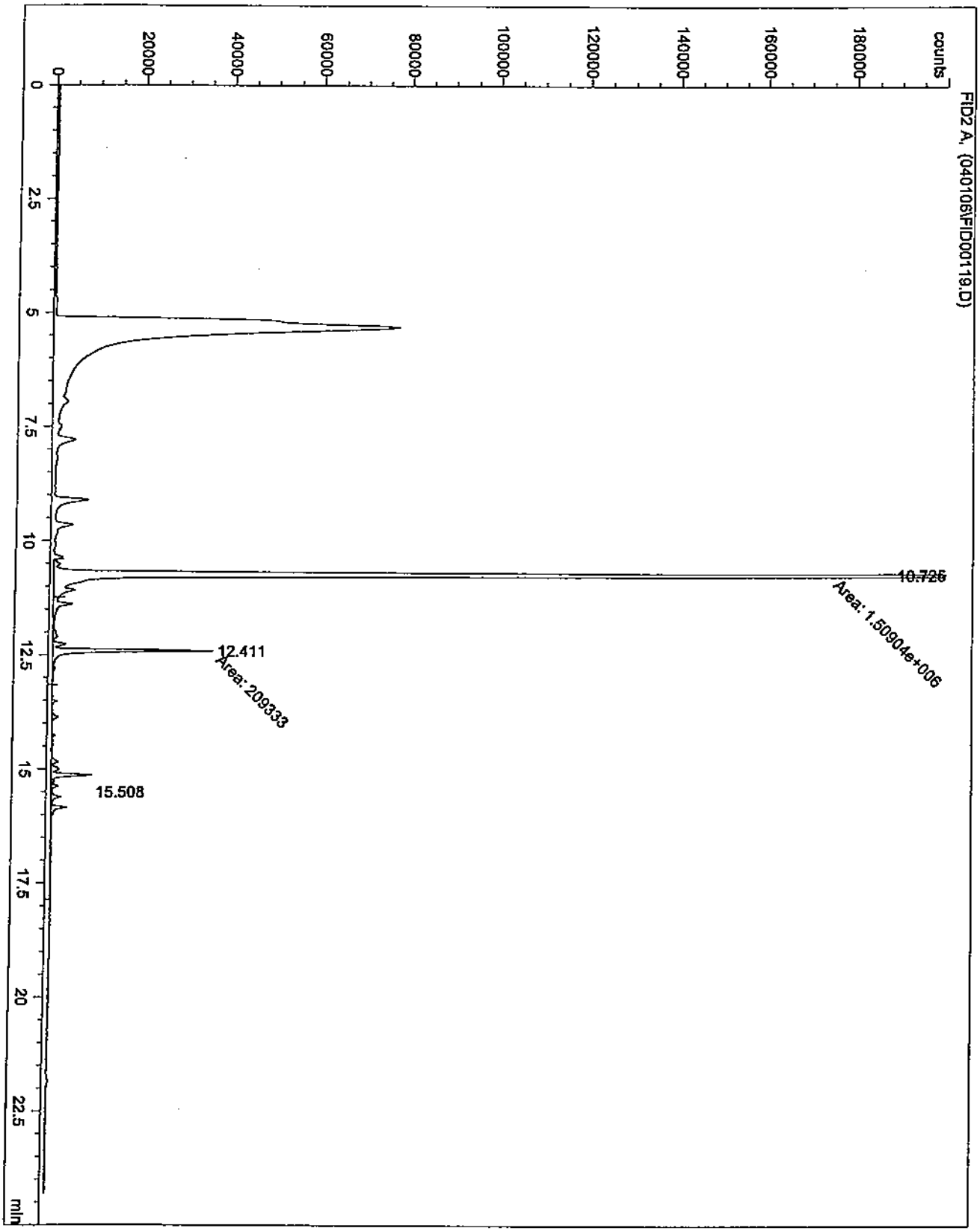
Injection Date : 4/5/06 7:33:38 PM
Sample Name :
Acq. Operator : LD

Vial : 2

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\VPH.M
Last changed : 4/6/06 7:08:08 AM by LD
(modified after loading)

Lab #
30241-7
VPH
Aliphatics



Data File C:\HPCHEM\1\DATA\040106\PID00121.D

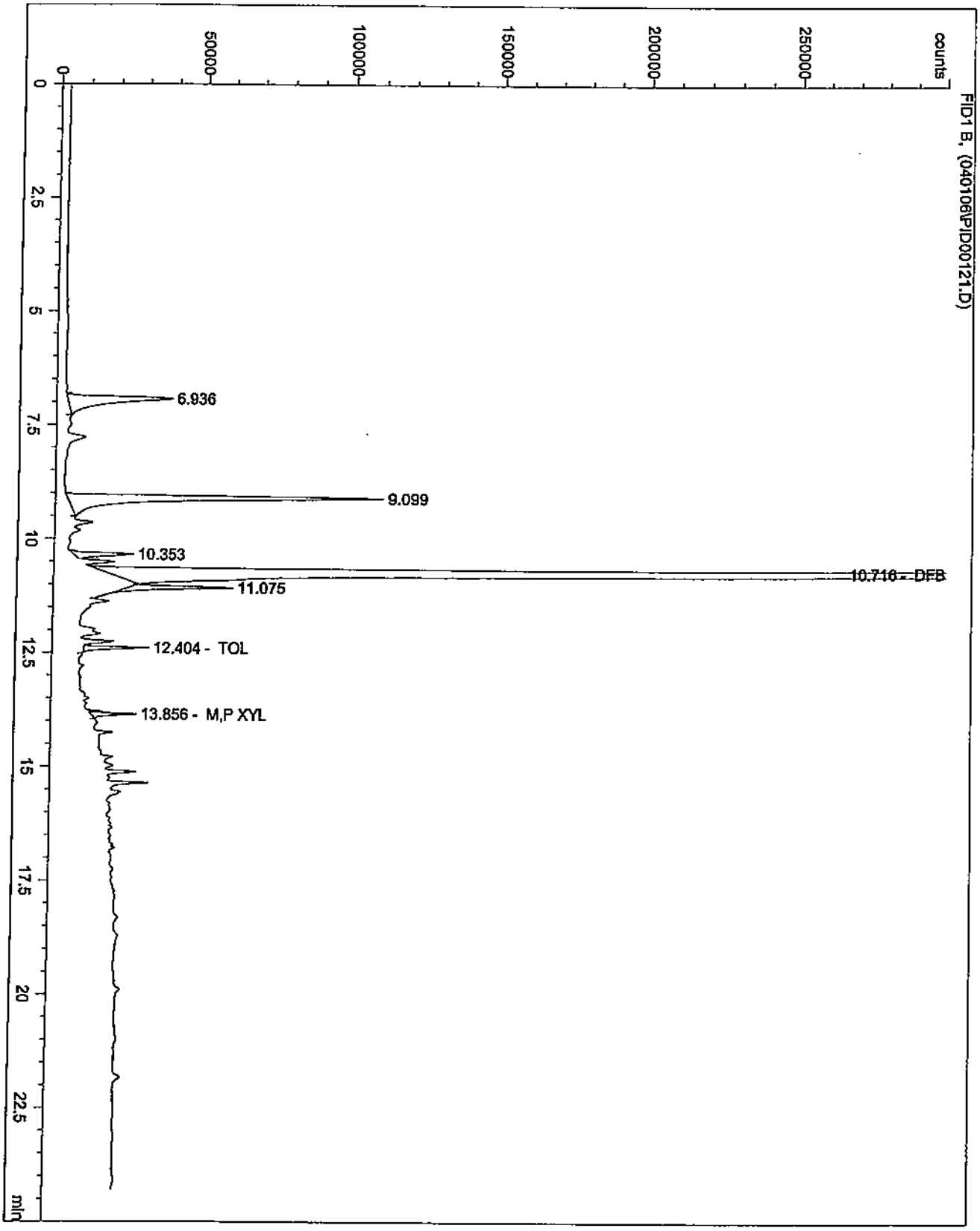
Injection Date : 4/5/06 8:51:16 PM
Sample Name :
Acq. Operator : LD

Vial : 1

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 7:24:59 AM by LD
(modified after loading)

Lab #
30241-10
VPH
Aromatics



Data File C:\HPCHEM\1\DATA\040106\FID00121.D

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Injection Date : 4/5/06 8:51:16 PM
Sample Name :
Acq. Operator : LD

Vial : 2

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\VPH.M
Last changed : 4/6/06 7:08:08 AM by LD
(modified after loading)

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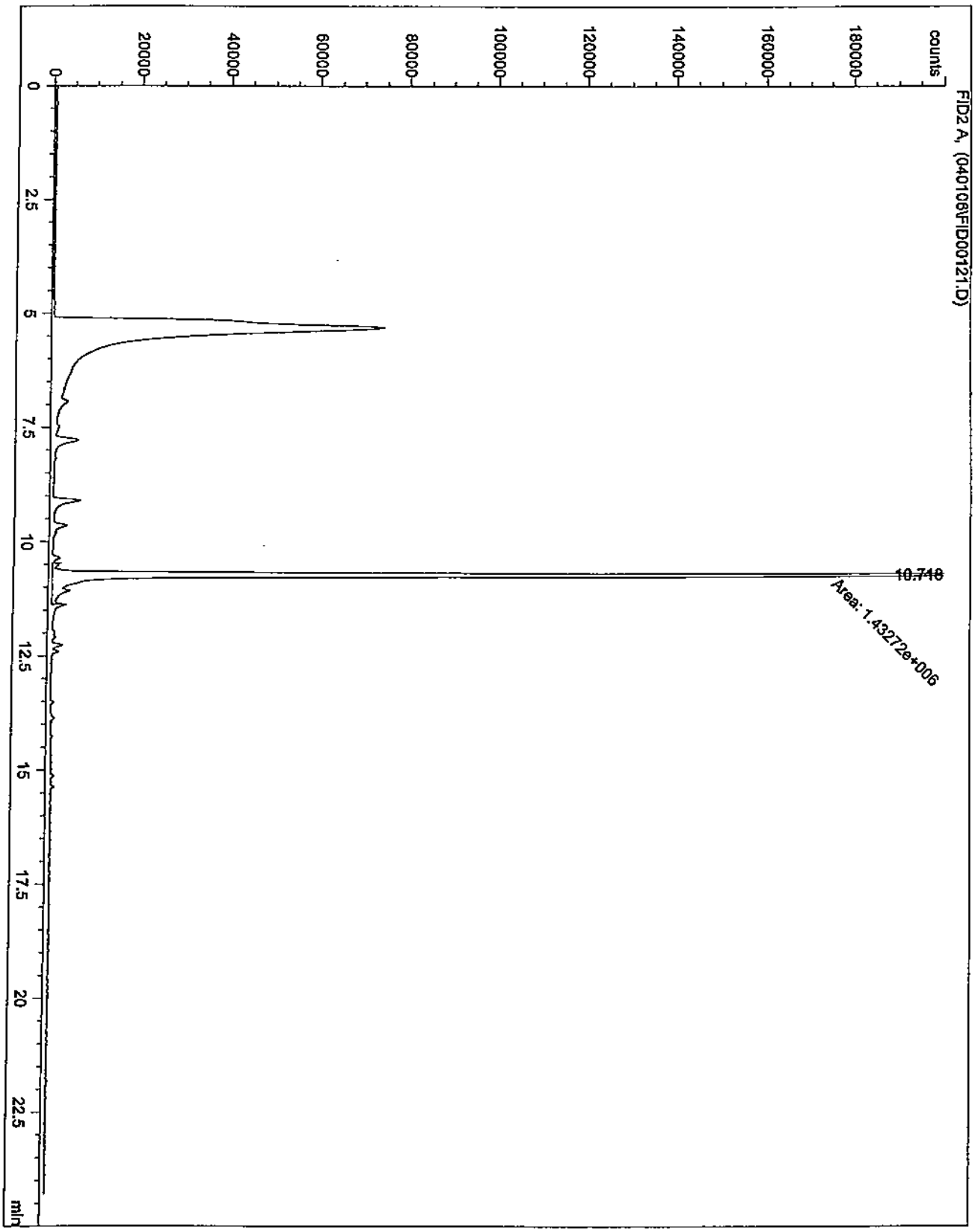
Lab #
30241-10
VPH
Aliphatics



Data File C:\HPCHEM\1\DATA\040106\PID00114.D

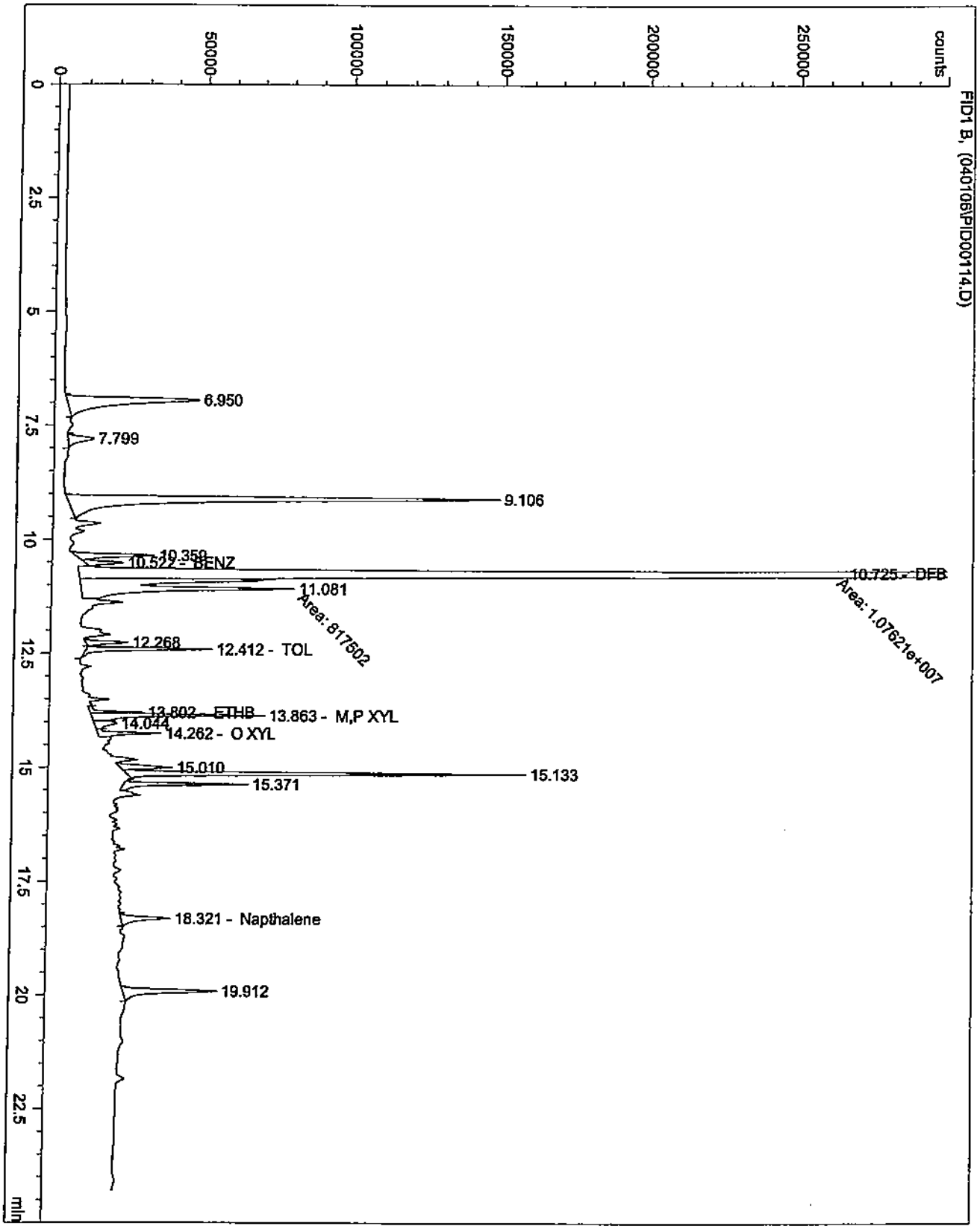
Injection Date : 4/5/06 3:28:00 PM
Sample Name :
Acq. Operator : LD

Vial : 1

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 7:24:59 AM by LD
(modified after loading)

Lab # 30241-11
VPH
Aromatics

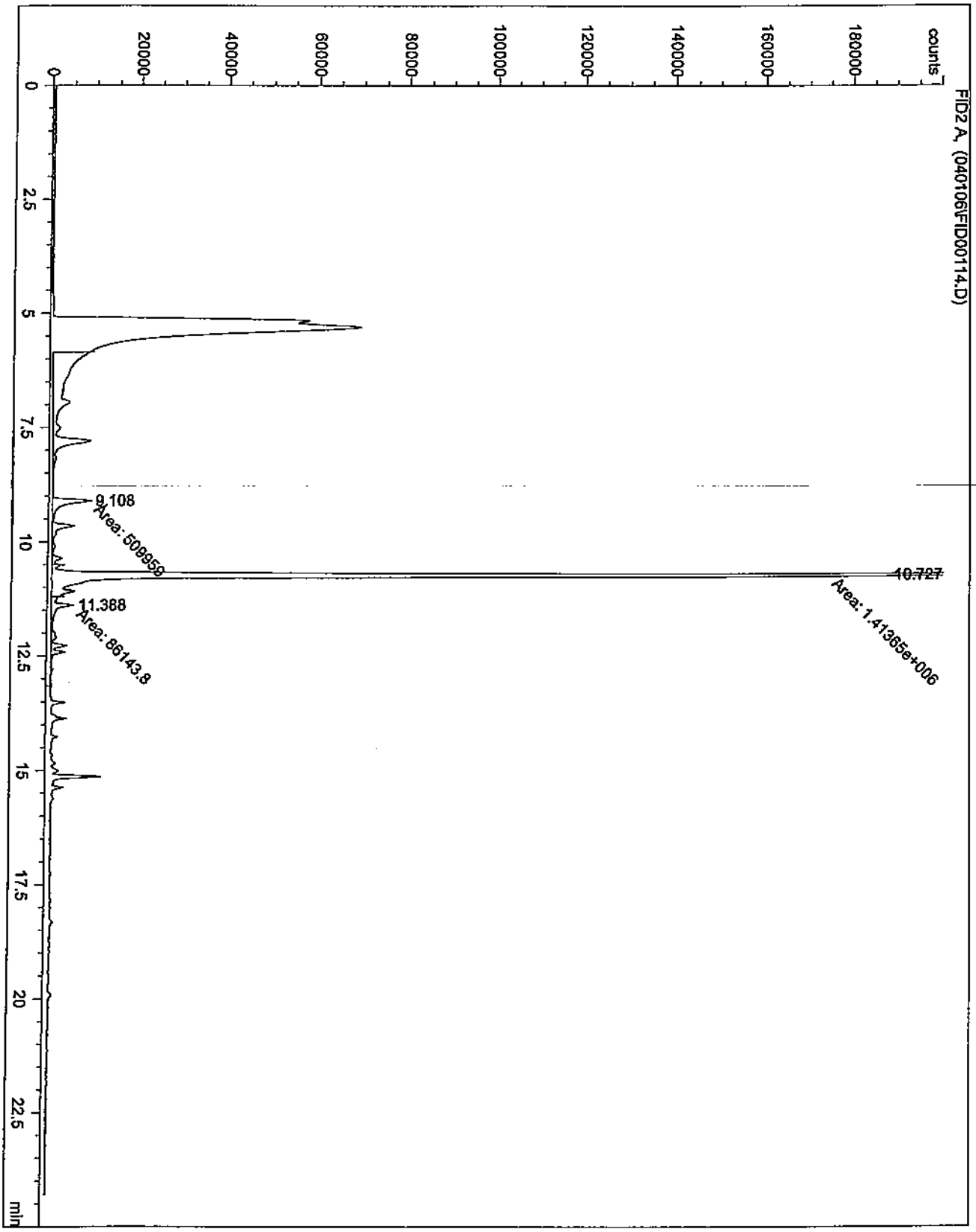


Data File C:\HPCHEM\1\DATA\040106\FID00114.D

Injection Date : 4/5/06 3:28:00 PM
Sample Name :
Acq. Operator : LD
Vial : 2
Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\VPH.M
Last changed : 4/6/06 7:08:08 AM by LD
(modified after loading)

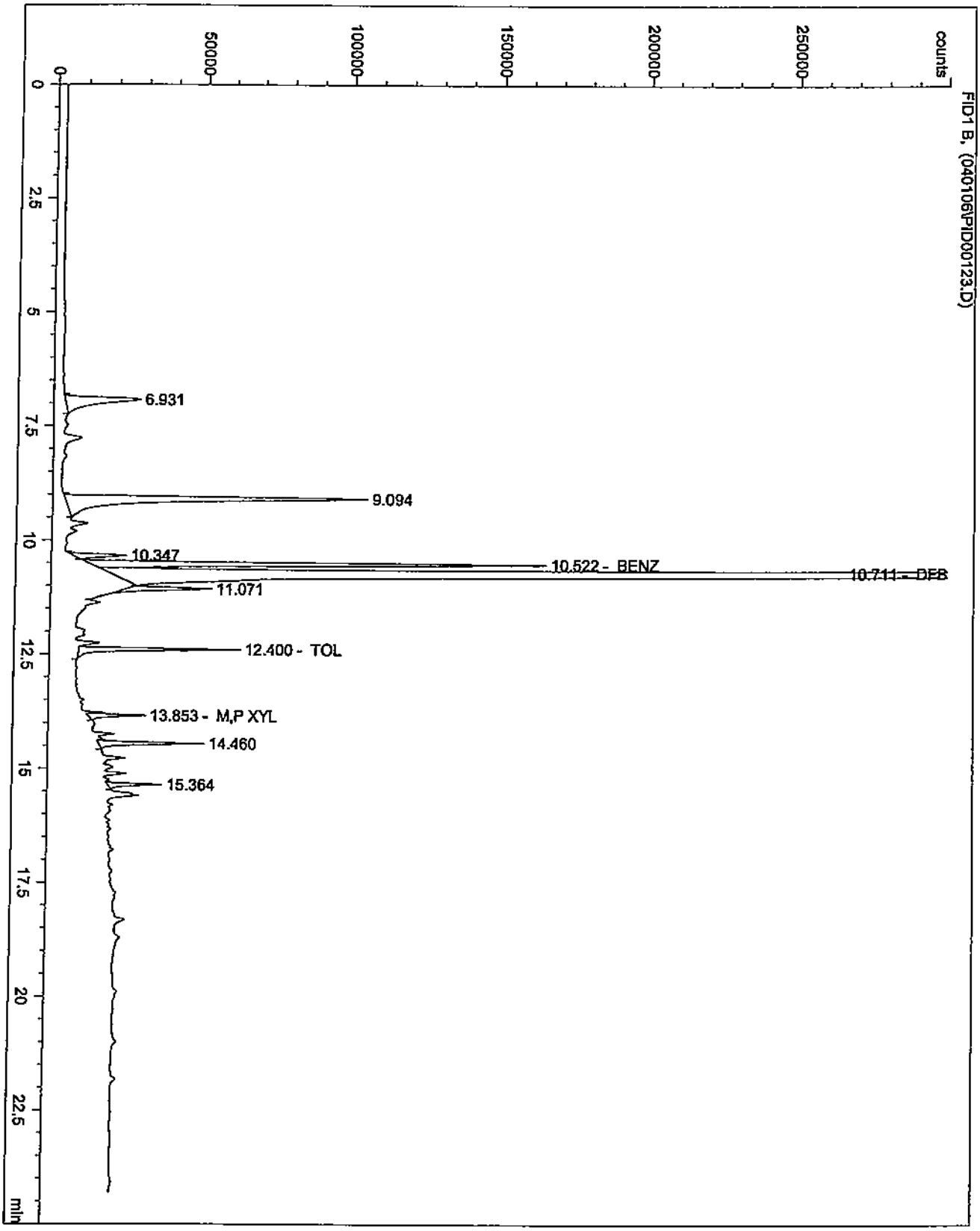
Lab #
30241-11
VPH
Aliphatics



Data File C:\HPCHEM\1\DATA\040106\PID00123.D

Injection Date	: 4/5/06 10:08:35 PM		
Sample Name	:	Vial :	1
Acq. Operator	: LD		
		Inj Volume :	Manually
Acq. Method	: C:\HPCHEM\1\METHODS\VPHRUN.M		
Last changed	: 2/13/06 3:29:28 PM by LD		
Analysis Method	: C:\HPCHEM\1\METHODS\090105LD.M		
Last changed	: 4/6/06 7:24:59 AM by LD (modified after loading)		

Lab #
30241-13
VPH
Aromatics

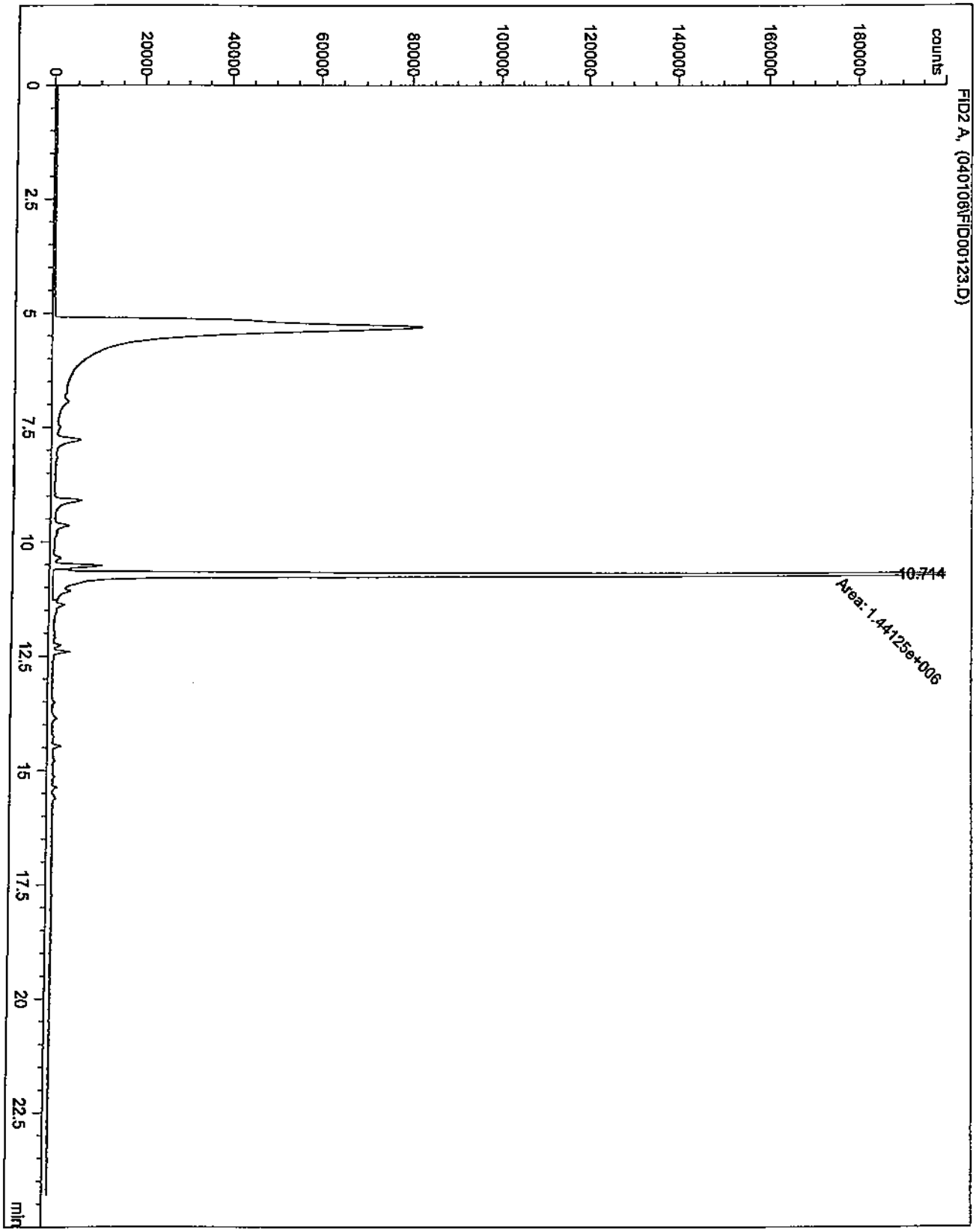


Data File C:\HPCHEM\1\DATA\040106\FID00123.D

Injection Date : 4/5/06 10:08:35 PM
Sample Name :
Acq. Operator : LD
Vial : 2
Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\VPH.M
Last changed : 4/6/06 7:08:08 AM by LD
(modified after loading)

Lab # 30291-13
VPH
Aliphatics



Data File C:\HPCHEM\1\DATA\040106\PID00122.D

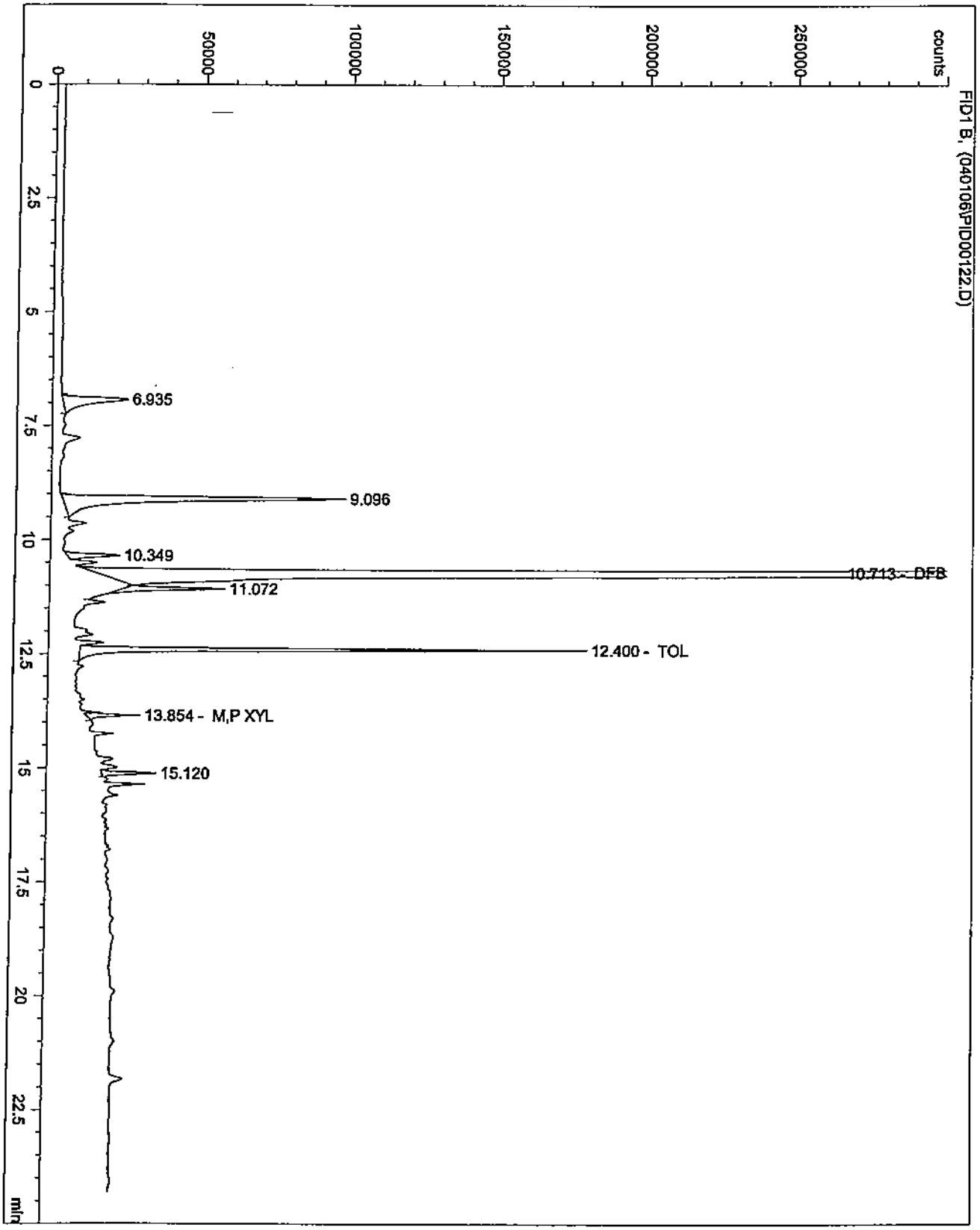
Injection Date : 4/5/06 9:29:58 PM
Sample Name :
Acq. Operator : LD

Vial : 1

Inj Volume : Manually

Lab # 30241-15
VPH
Aromatics

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 7:24:59 AM by LD
(modified after loading)

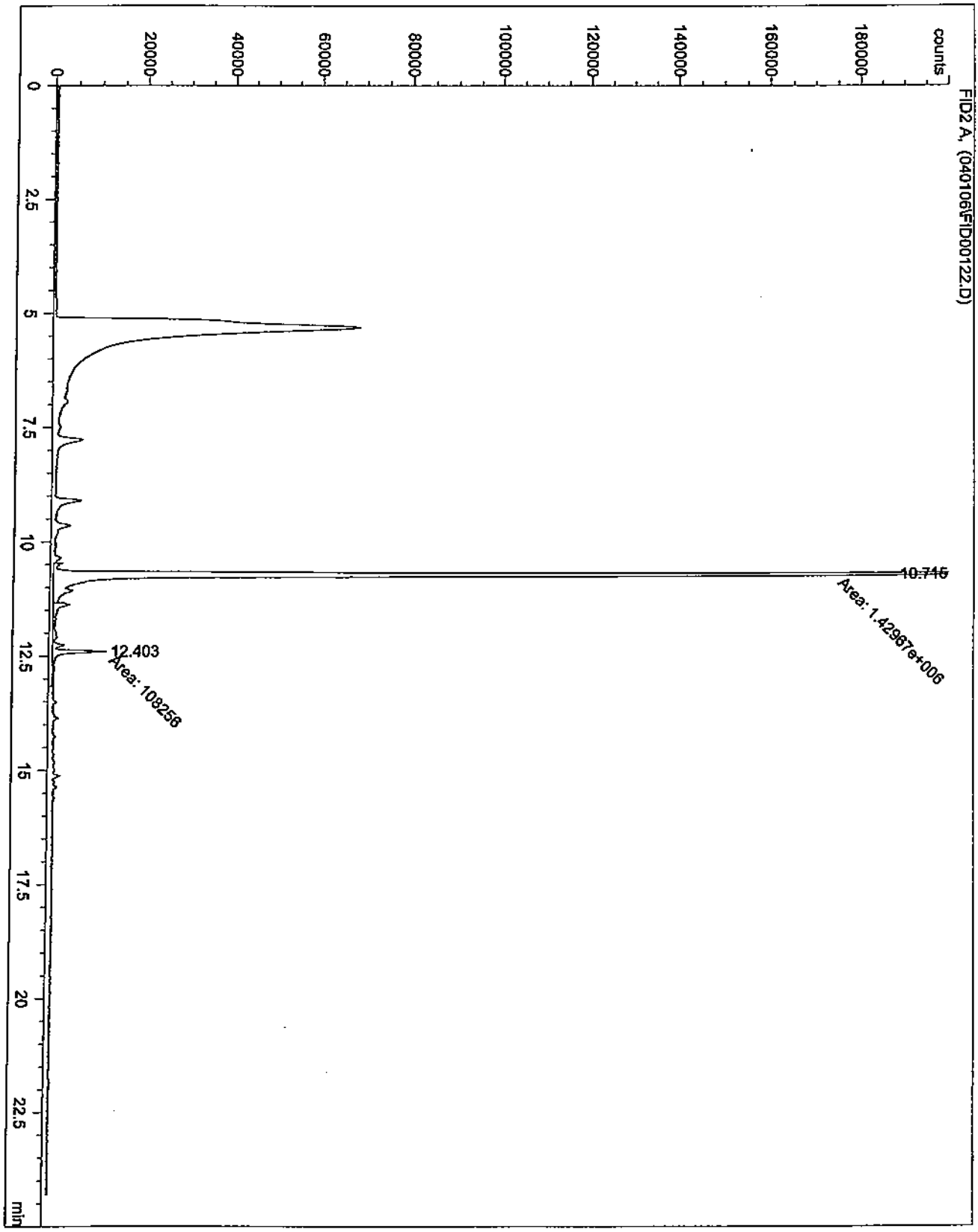


Data File C:\HPCHEM\1\DATA\040106\FID00122.D

Lab # 30241-15
VPH Aliphatics

Injection Date : 4/5/06 9:29:58 PM
Sample Name :
Vial : 2
Acq. Operator : LD
Inj Volume : Manually

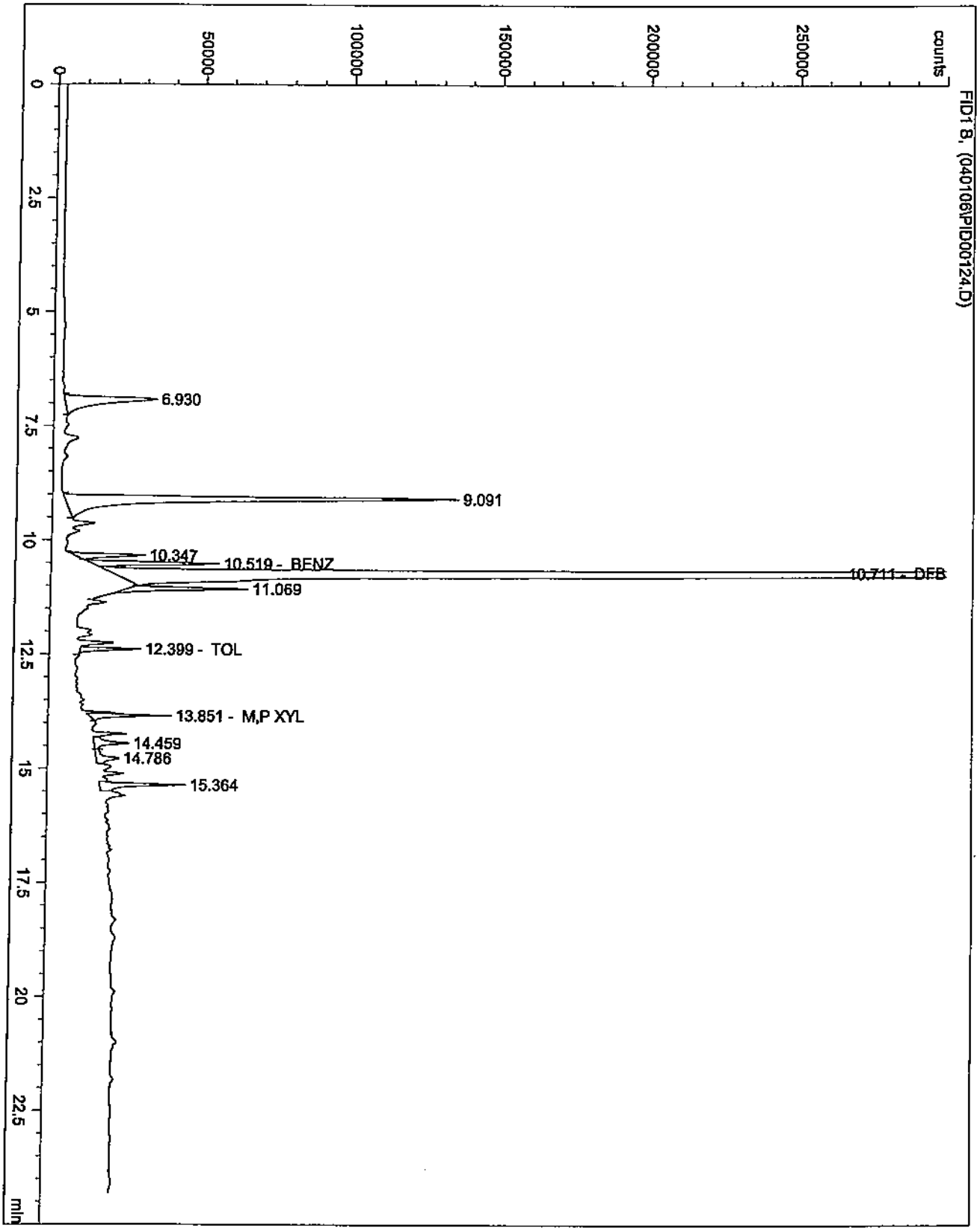
Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\VPH.M
Last changed : 4/6/06 7:08:08 AM by LD
(modified after loading)



Data File C:\HPCHEM\1\DATA\040106\PID00124.D

Lab # 30241-16
VPH Aromatics

Injection Date : 4/5/06 10:47:15 PM
Sample Name :
Vial : 1
Acq. Operator : LD
Inj Volume : Manually
Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 7:24:59 AM by LD
(modified after loading)



Data File C:\HPCHEM\1\DATA\040106\FID00124.D

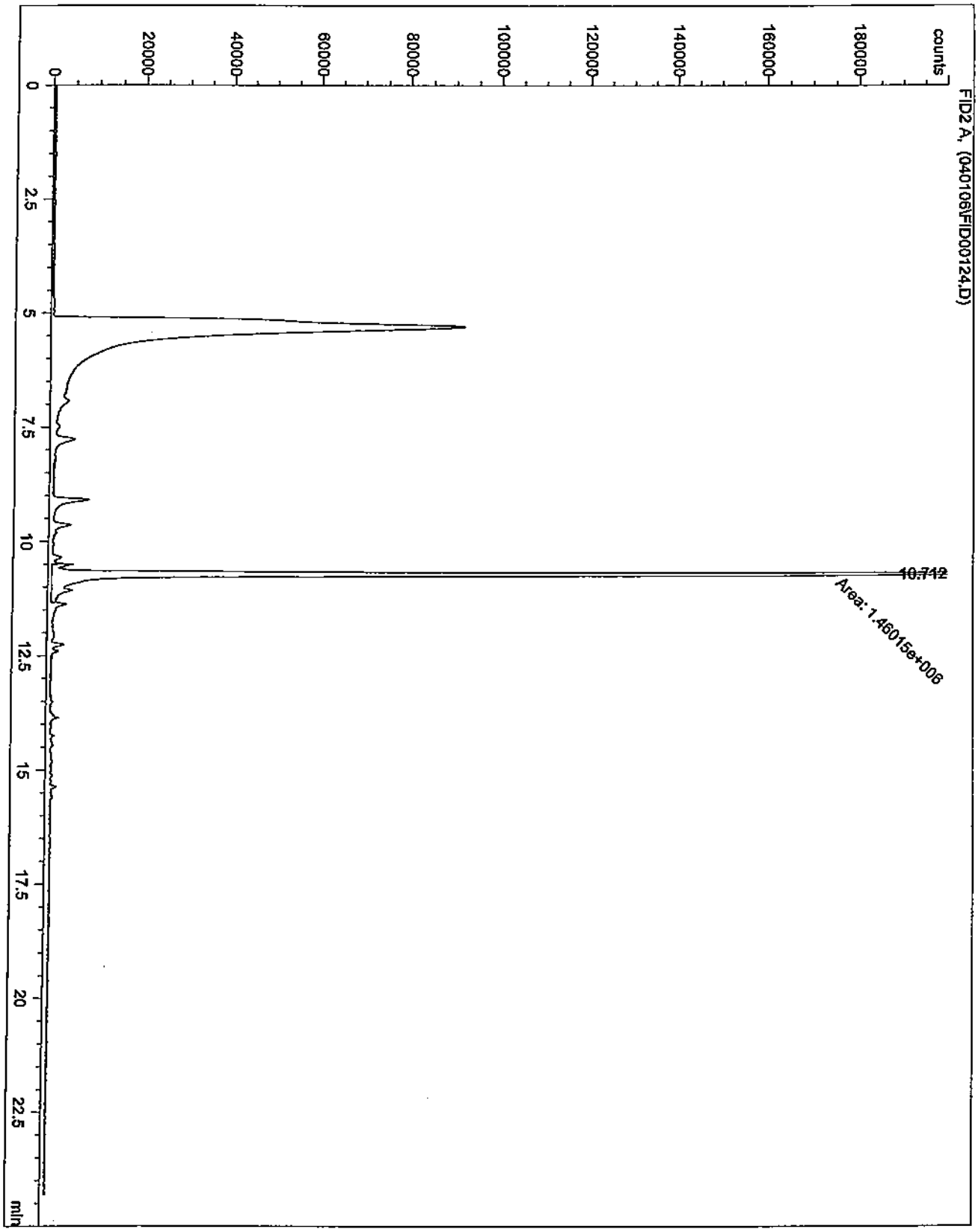
Injection Date : 4/5/06 10:47:15 PM
Sample Name :
Acq. Operator : LD

Vial : 2

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\VPH.M
Last changed : 4/6/06 7:08:08 AM by LD
(modified after loading)

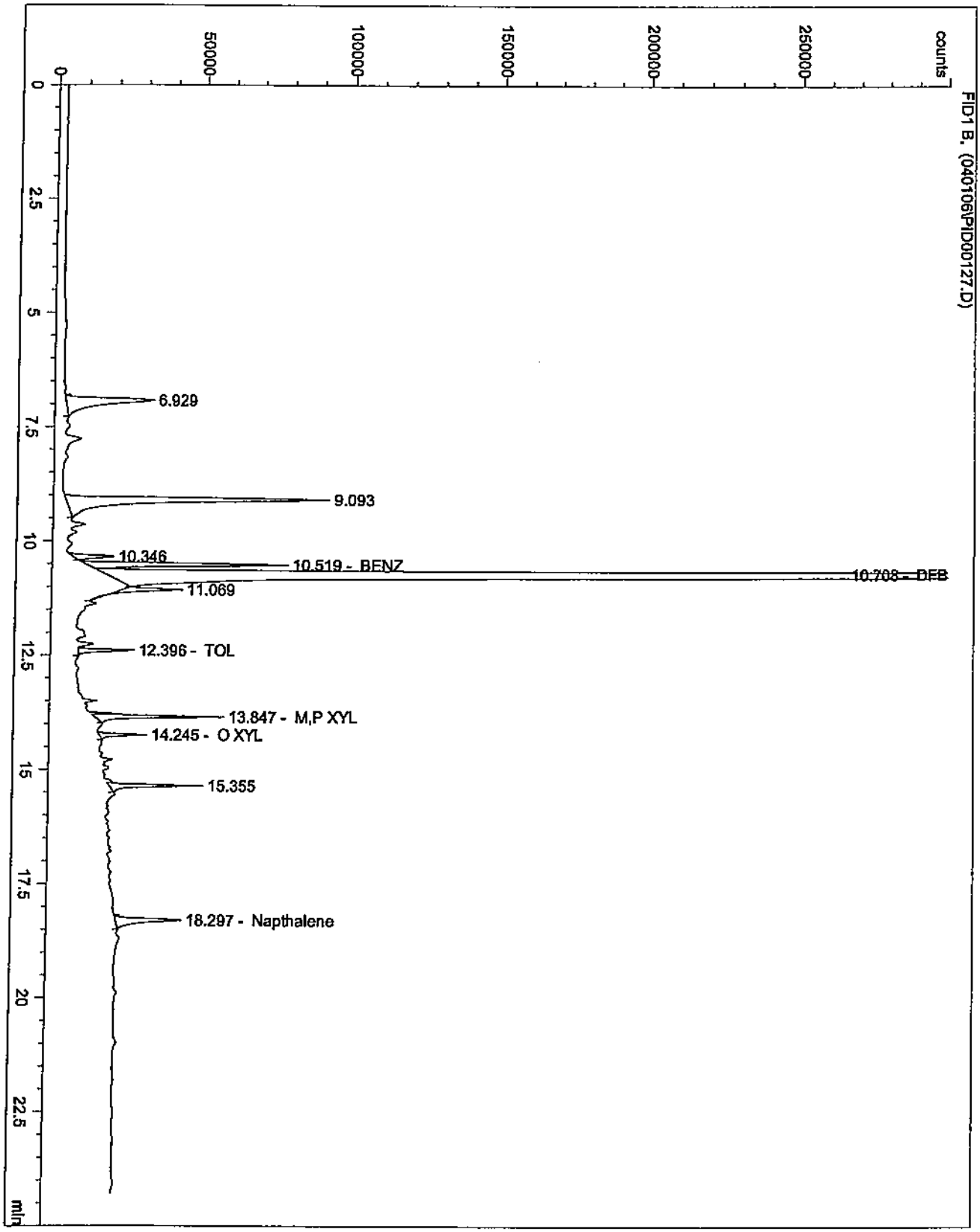
Lab #
30241-16
VPH
Aliphatics



Data File C:\HPCHEM\1\DATA\040106\PID00127.D

Injection Date	: 4/6/06 12:42:43 AM		
Sample Name	:	Vial :	1
Acq. Operator	: LD		
		Inj Volume :	Manually
Acq. Method	: C:\HPCHEM\1\METHODS\VPHRUN.M		
Last changed	: 2/13/06 3:29:28 PM by LD		
Analysis Method	: C:\HPCHEM\1\METHODS\090105LD.M		
Last changed	: 4/6/06 7:29:10 AM by LD (modified after loading)		

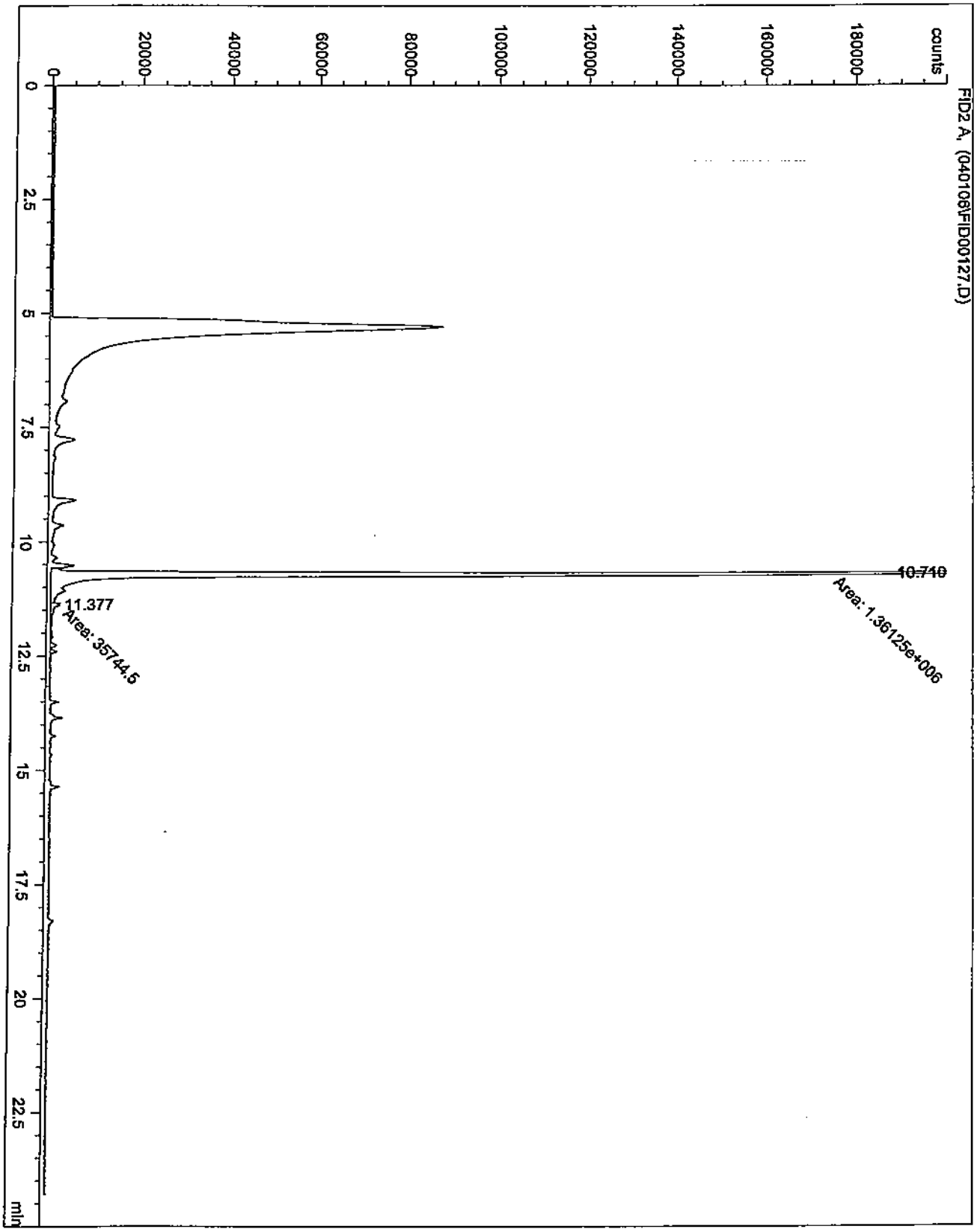
Lab #
30241-17
VPH
Aromatics



Data File C:\HPCHEM\1\DATA\040106\FID00127.D

Injection Date	: 4/6/06 12:42:43 AM		
Sample Name	:	Vial :	2
Acq. Operator	: LD		
		Inj Volume :	Manually
Acq. Method	: C:\HPCHEM\1\METHODS\VPHRUN.M		
Last changed	: 2/13/06 3:29:28 PM by LD		
Analysis Method	: C:\HPCHEM\1\METHODS\VPH.M		
Last changed	: 4/6/06 7:12:43 AM by LD (modified after loading)		

Lab # 30241-17
VPH
Aliphatics

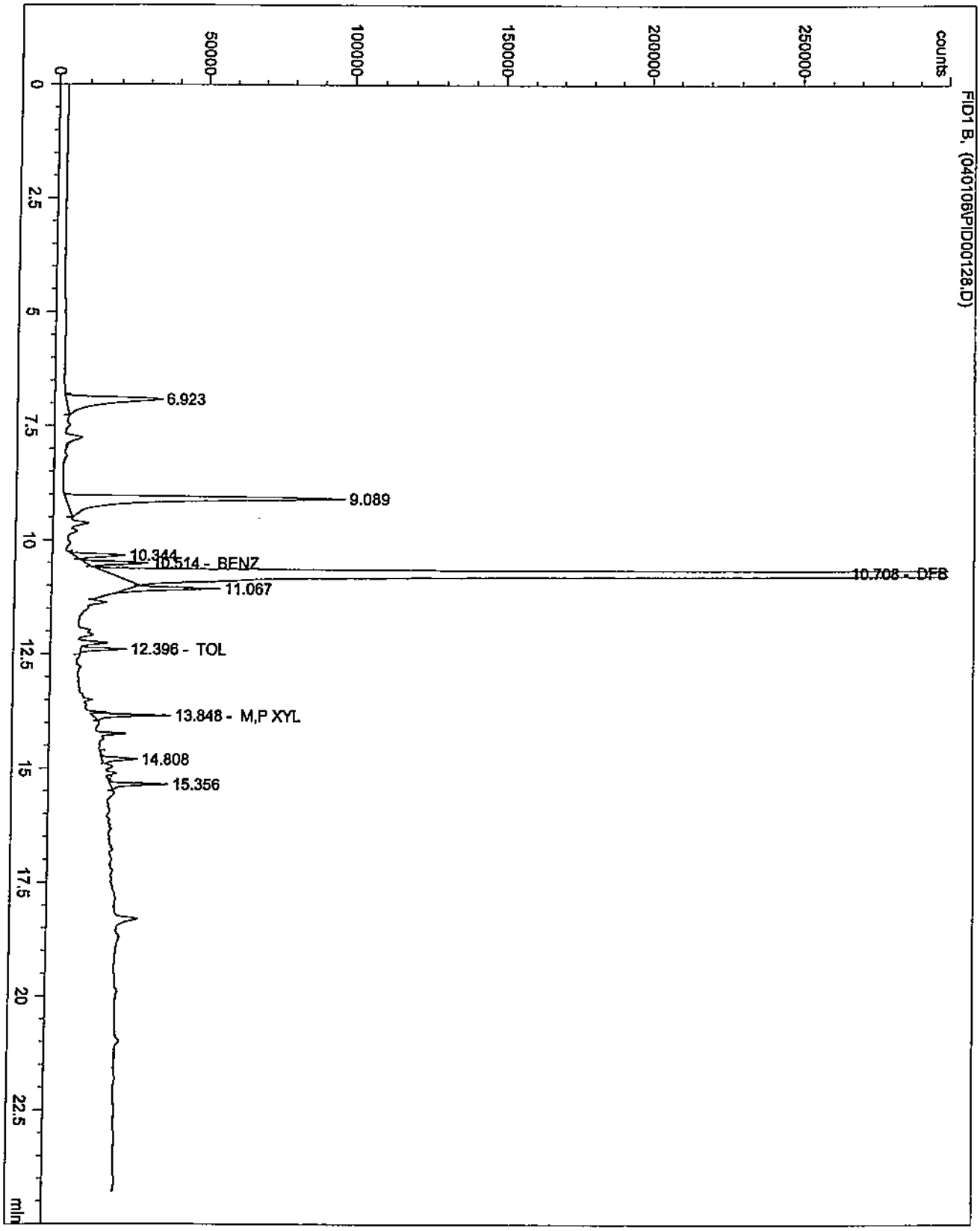


Data File C:\HPCHEM\1\DATA\040106\PID00128.D

Lab # 30241-18
VPH Aromatics

Injection Date : 4/6/06 1:21:11 AM
Sample Name :
Vial : 1
Acq. Operator : LD
Inj Volume : Manually

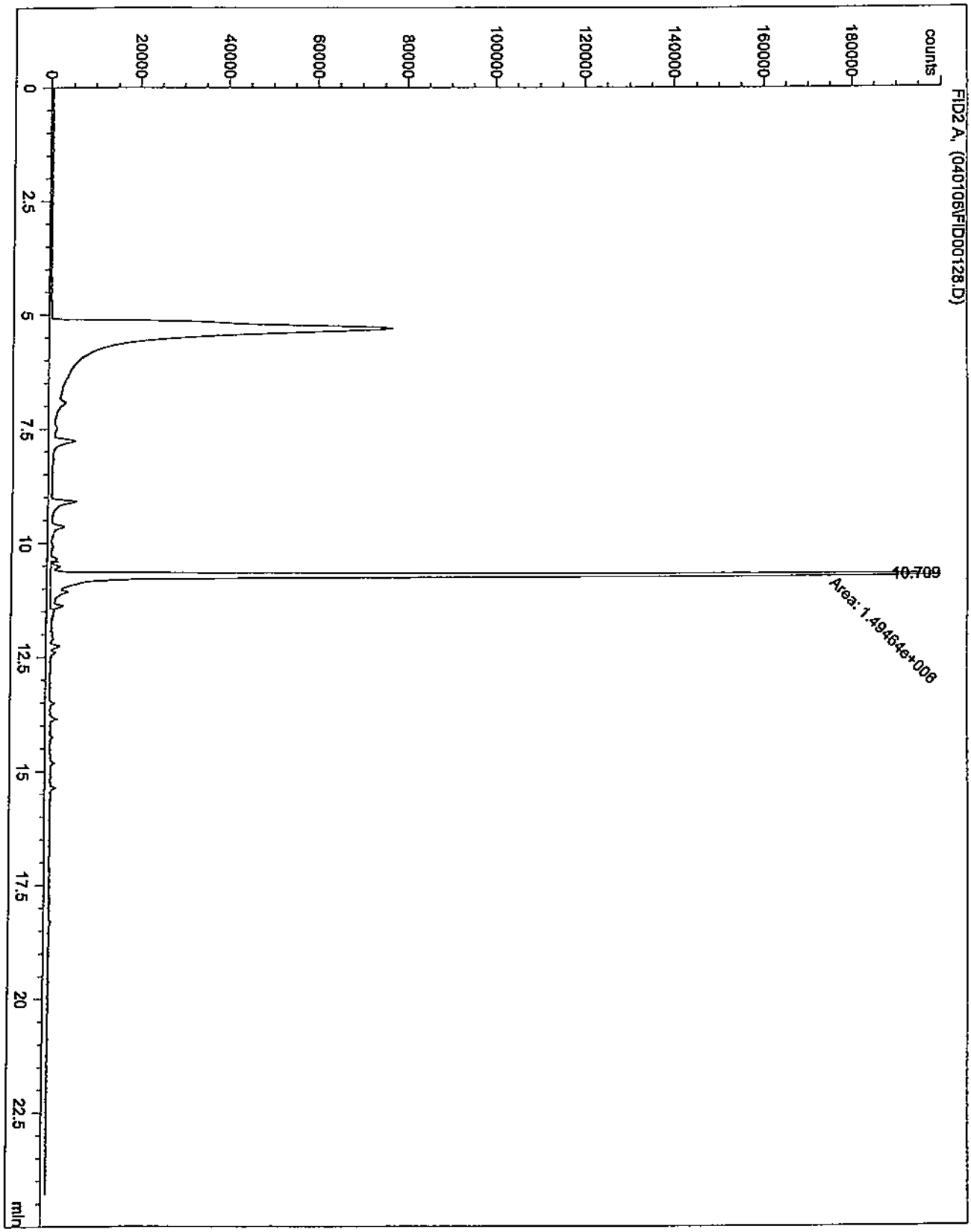
Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 7:29:10 AM by LD
(modified after loading)



Data File C:\HPCHEM\1\DATA\040106\FID00128.D

Injection Date	: 4/6/06 1:21:11 AM		
Sample Name	:	Vial :	2
Acq. Operator	: LD		
		Inj Volume :	Manually
Acq. Method	: C:\HPCHEM\1\METHODS\VPHRUN.M		
Last changed	: 2/13/06 3:29:28 PM by LD		
Analysis Method	: C:\HPCHEM\1\METHODS\VPH.M		
Last changed	: 4/6/06 7:12:43 AM by LD (modified after loading)		

Lab #
30841-18
VPH
Aliphatics

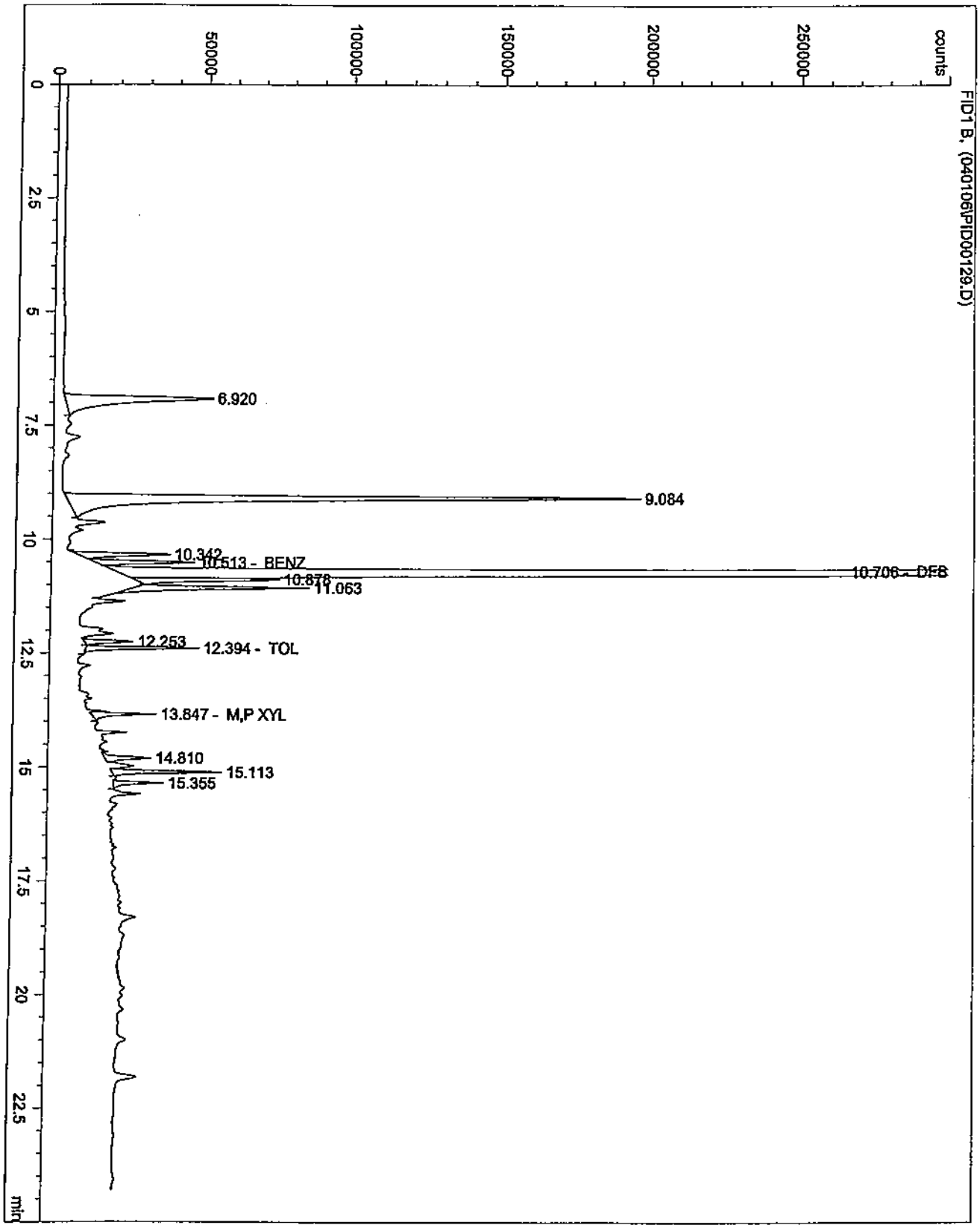


Data File C:\HPCHEM\1\DATA\040106\PID00129.D

Injection Date : 4/6/06 1:59:39 AM
Sample Name :
Acq. Operator : LD
Vial : 1
Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 7:29:10 AM by LD
(modified after loading)

Lab # 30241-19
VPH
Aromatics



Data File C:\HPCHEM\1\DATA\040106\FID00129.D

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Injection Date : 4/6/06 1:59:39 AM
Sample Name :
Acq. Operator : LD

Vial : 2

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\VPH.M
Last changed : 4/6/06 7:12:43 AM by LD
(modified after loading)

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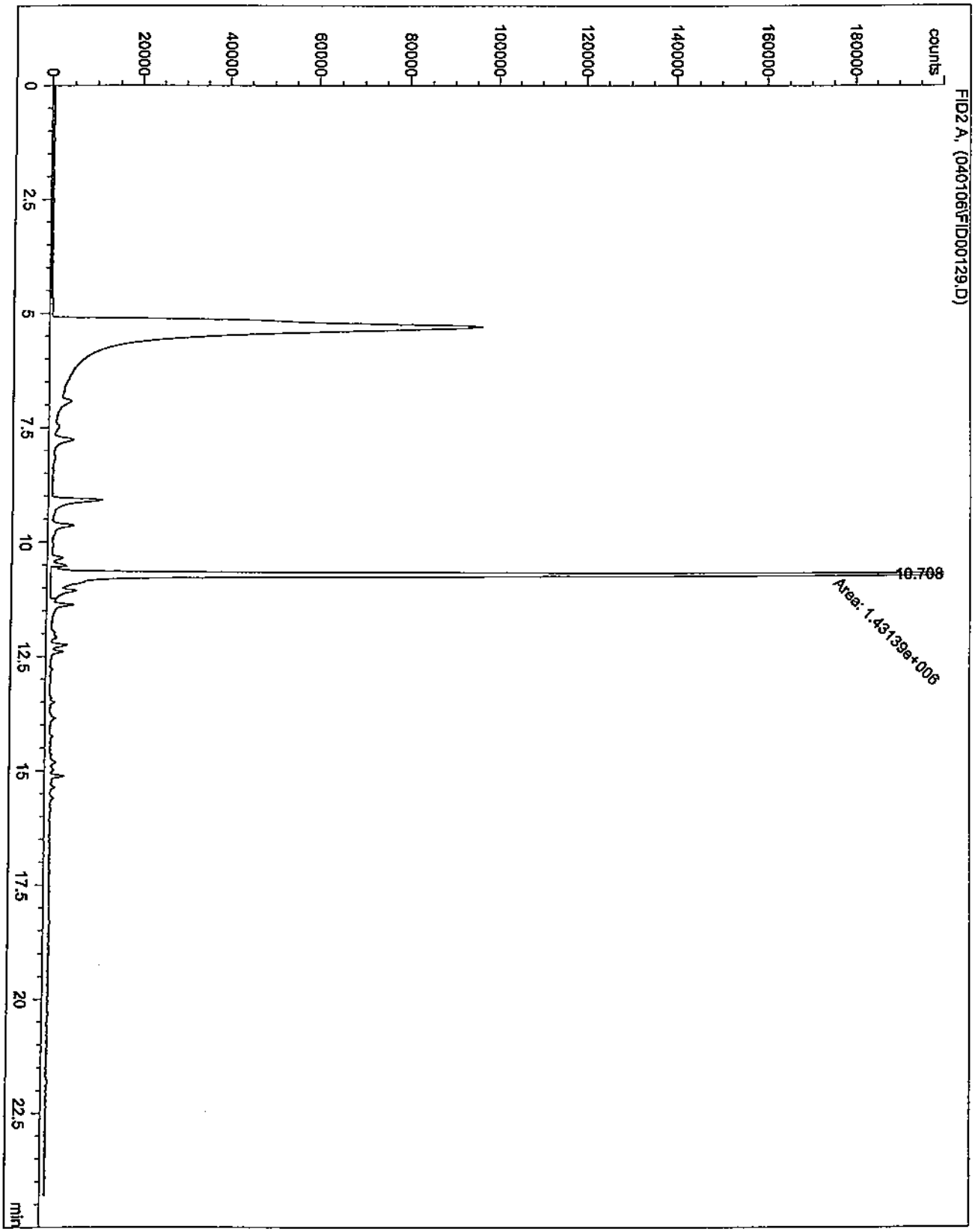
Lab #
30241-19
VPH
Aliphatics



Data File C:\HPCHEM\1\DATA\040106\PID00130.D

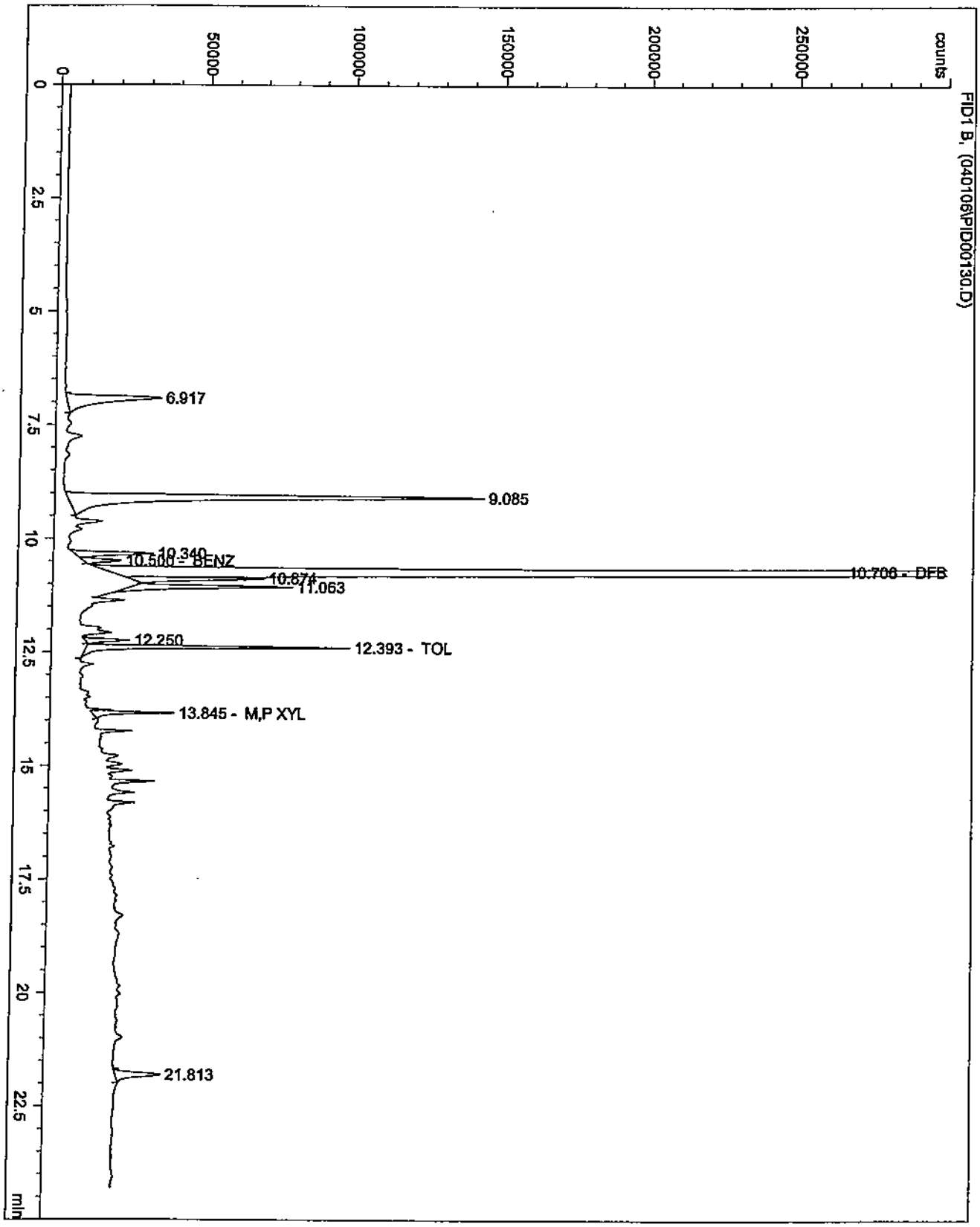
Injection Date : 4/6/06 2:38:06 AM
Sample Name :
Acq. Operator : LD

Vial : 1

Inj Volume : Manually

Lab # 30241-20
VPH
Aromatics

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/6/06 7:29:10 AM by LD
(modified after loading)



Data File C:\HPCHEM\1\DATA\040106\FID00130.D

==========

Injection Date : 4/6/06 2:38:06 AM

Sample Name :

Vial : 2

Acq. Operator : LD

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M

Last changed : 2/13/06 3:29:28 PM by LD

Analysis Method : C:\HPCHEM\1\METHODS\VPH.M

Last changed : 4/6/06 7:12:43 AM by LD

(modified after loading)

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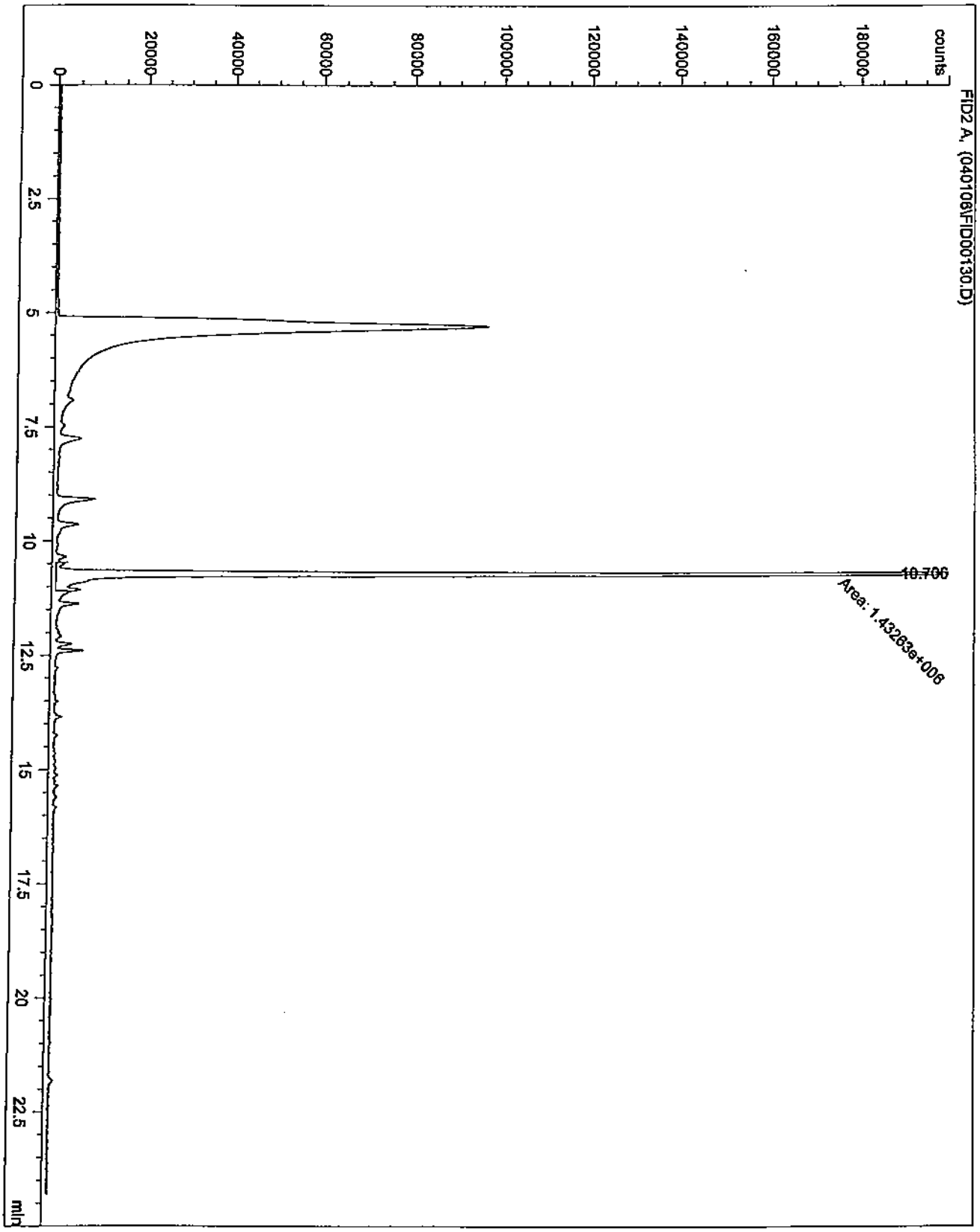
Lab # 30241-20
VPH
Aliphatics



NORTHERN
Analytical Laboratories, Inc.

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Billings, MT 59107
Telephone: (406) 254-7226
Fax: (406) 254-1389

REPORT TO:	ATTN: KEITH LARGE MT DEPT. OF ENVIRONMENTAL QUALITY P.O. BOX 200901 HELENA MT 59620-0901	**Revised:** **DATE:** **JOB NUMBER:** **PAGE:** **INVOICE NO.:**	May 15, 2006 April 26, 2006 90-933-19 1 of 38 6030242

REPORT OF: Water Analysis – Stimson Pond

CASE NARRATIVE:
On March 30, 2006, this water sample (laboratory number 2006030242-1) was received in our laboratory for analysis. Tests were conducted in accordance with the Massachusetts Department of Environmental Protection *"Method for the Determination of Volatile Petroleum Hydrocarbons (VPH)"* Jan. 1998; Massachusetts Department of Environmental Protection *"Method for the Determination of Extractable Petroleum Hydrocarbons (EPH)"* Jan. 1998; SW-846 *"Test Methods for Evaluating Solid Waste"*, 3rd Edition, updates I, II, IIA, IIB, III; EPA/600/4-79-020 *"Methods for Chemical Analysis of Water and Wastes"*; and *"Standard Methods for the Examination of Water and Wastewater"*, 18th Edition.

The results of the analysis are shown on the following pages. A < sign indicates the value reported was the practical quantitation limit for this sample using the method described. Concentrations of analyte, if present, below this were not quantifiable. Sample results are not corrected for analyte blank concentrations. Values in brackets are the quality control limits for the associated quality control test. RPD is the abbreviation for relative percent difference.

The condition of the sample upon receipt at the laboratory is noted on the attached sample receipt checklist. Chain of custody documentation is also enclosed. Chromatograms are attached for your reference.

Footnotes used in this report include the following:
(3) The recovery or replication is outside the stated quality control limit. Corrective action was not required. The associated sample results do not require qualification.

Revision: The client requested total molybdenum analysis be performed. The results are reported herein.

Reviewed by _____
Denise Jensen - Quality Assurance Coordinator

Electronic Copies To:
astine@olytech.com
fdurham@olytech.com

Attachments:
Chain of Custody
Sample Receipt Checklist

As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of our clients and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval. Test results apply specifically to the samples tested only. The entire report shall not be reproduced, except in full, without the written approval of the laboratory. Samples will be disposed of after testing is completed unless other arrangements are agreed to in writing.

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-1 **Description:** RINSATE BLANK **Matrix:** WATER

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH SCREEN IN WATER				
Batch #/Extract Date - EPH in Water	3983	-----	MDEP-EPH-98	04/06/2006
Total Extractable Hydrocarbons	<0.19	mg/l	MDEP-EPH-98	04/11/2006
EPH Screen Surrogate Recovery	89	% [40-140]	MDEP-EPH-98	04/11/2006
HERBICIDES IN WATER				
Batch #/Extract Date - Method 8151A (Water)	2689	-----	8151A	03/31/2006
2 4-D	<0.001	mg/l	8151A	04/12/2006
2 4-DB	<0.005	mg/l	8151A	04/12/2006
Dalapon	<0.003	mg/l	8151A	04/12/2006
Dicamba	<0.002	mg/l	8151A	04/12/2006
Dichlorprop	<0.005	mg/l	8151A	04/12/2006
Dinoseb	<0.001	mg/l	8151A	04/12/2006
MCPA	<0.5	mg/l	8151A	04/24/2006
MCPP	<0.5	mg/l	8151A	04/24/2006
Pentachlorophenol	<0.00005	mg/l	8151A	04/12/2006
Picloram	<0.001	mg/l	8151A	04/12/2006
2 4 5-T	<0.005	mg/l	8151A	04/12/2006
2 4 5-TP	<0.0001	mg/l	8151A	04/12/2006
DCAA (Surrogate)	96	% [32-158]	8151A	04/12/2006
INORGANICS				
Oxidation-Reduction Potential	195.6@25.0	mV@degrees	2580B	03/31/2006
pH	6.2	S.U.	150.1	03/31/2006
PCBs IN WATER				
Batch #/Extraction Date - Method 3510C	2690	-----	3510C	03/31/2006
Aroclor 1016	<0.001	mg/l	8082	04/01/2006
Aroclor 1221	<0.001	mg/l	8082	04/01/2006
Aroclor 1232	<0.001	mg/l	8082	04/01/2006
Aroclor 1242	<0.001	mg/l	8082	04/01/2006
Aroclor 1248	<0.001	mg/l	8082	04/01/2006
Aroclor 1254	<0.001	mg/l	8082	04/01/2006
Aroclor 1260	<0.001	mg/l	8082	04/01/2006
TCMX (Surrogate) 8082 Water	62	% [12-125]	8082	04/01/2006
DCB (Surrogate) 8082 Water	51	% [10-145]	8082	04/01/2006
PESTICIDES IN WATER				
Aldrin	<0.0001	mg/l	8081A	04/01/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-1 **Description:** RINSATE BLANK **Matrix:** WATER

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
A-BHC	<0.0001	mg/l	8081A	04/01/2006
B-BHC	<0.0001	mg/l	8081A	04/01/2006
D-BHC	<0.0001	mg/l	8081A	04/01/2006
Lindane (G-BHC)	<0.0001	mg/l	8081A	04/01/2006
A-Chlordane	<0.0001	mg/l	8081A	04/01/2006
G-Chlordane	<0.0001	mg/l	8081A	04/01/2006
4,4-DDD	<0.0002	mg/l	8081A	04/01/2006
4,4-DDE	<0.0002	mg/l	8081A	04/01/2006
4,4-DDT	<0.0002	mg/l	8081A	04/01/2006
Dieldrin	<0.0002	mg/l	8081A	04/01/2006
Endosulfan I	<0.0001	mg/l	8081A	04/01/2006
Endosulfan II	<0.0002	mg/l	8081A	04/01/2006
Endosulfan Sulfate	<0.0002	mg/l	8081A	04/01/2006
Endrin	<0.0002	mg/l	8081A	04/01/2006
Endrin Aldehyde	<0.0002	mg/l	8081A	04/01/2006
Heptachlor	<0.0001	mg/l	8081A	04/01/2006
Heptachlor Epoxide	<0.0001	mg/l	8081A	04/01/2006
Methoxychlor	<0.001	mg/l	8081A	04/01/2006
Toxaphene	<0.001	mg/l	8081A	04/01/2006
TCMX (Surrogate) 8081A Water	62	% [12-125]	8081A	04/01/2006
DCB (Surrogate) 8081A Water	51	% [10-145]	8081A	04/01/2006
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0411061013	-----	8270C	04/11/2006
Batch #/Extract Date - EPA 8270	4618	-----	3510C	04/04/2006
Acenaphthene (SV)	<0.01	mg/l	8270C	04/11/2006
Acenaphthylene (SV)	<0.01	mg/l	8270C	04/11/2006
Anthracene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzo[a]anthracene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzo[a]pyrene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzo[b]fluoranthene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzo[k]fluoranthene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzo[g,h,i]perylene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzoic acid (SV)	<0.1	mg/l	8270C	04/11/2006
Benzyl alcohol (SV)	<0.01	mg/l	8270C	04/11/2006
Bis(2-chloroethoxy)methane (SV)	<0.01	mg/l	8270C	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-1 **Description:** RINSATE BLANK **Matrix:** WATER

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Bis(2-chloroethyl)ether (SV)	<0.01	mg/l	8270C	04/11/2006
Bis(2-chloroisopropyl)ether (SV)	<0.01	mg/l	8270C	04/11/2006
Bis(2-ethylhexyl)phthalate (SV)	<0.01	mg/l	8270C	04/11/2006
4-Bromophenyl phenyl ether (SV)	<0.01	mg/l	8270C	04/11/2006
Butylbenzylphthalate (SV)	<0.01	mg/l	8270C	04/11/2006
Carbazole (SV)	<0.01	mg/l	8270C	04/11/2006
4-Chloroaniline (SV)	<0.02	mg/l	8270C	04/11/2006
4-Chloro-3-methylphenol (SV)	<0.02	mg/l	8270C	04/11/2006
2-Chloronaphthalene (SV)	<0.01	mg/l	8270C	04/11/2006
2-Chlorophenol (SV)	<0.01	mg/l	8270C	04/11/2006
4-Chlorophenyl phenyl ether (SV)	<0.01	mg/l	8270C	04/11/2006
Chrysene (SV)	<0.01	mg/l	8270C	04/11/2006
Dibenzofuran (SV)	<0.01	mg/l	8270C	04/11/2006
Dibenzo[a,h]anthracene (SV)	<0.01	mg/l	8270C	04/11/2006
Diethylphthalate (SV)	<0.01	mg/l	8270C	04/11/2006
1,2-Dichlorobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
Diphenylamine (SV)	<0.01	mg/l	8270C	04/11/2006
1,3-Dichlorobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
1,4-Dichlorobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
3,3'-Dichlorobenzidine (SV)	<0.07	mg/l	8270C	04/11/2006
2,4-Dichlorophenol (SV)	<0.01	mg/l	8270C	04/11/2006
2,4-Dimethylphenol (SV)	<0.01	mg/l	8270C	04/11/2006
Dimethylphthalate (SV)	<0.01	mg/l	8270C	04/11/2006
4,6-Dinitro-2-methylphenol (SV)	<0.05	mg/l	8270C	04/11/2006
2,4-Dinitrophenol (SV)	<0.05	mg/l	8270C	04/11/2006
Di-n-Butylphthalate (SV)	<0.01	mg/l	8270C	04/11/2006
2,4-Dinitrotoluene (SV)	<0.01	mg/l	8270C	04/11/2006
2,6-Dinitrotoluene (SV)	<0.01	mg/l	8270C	04/11/2006
Di-n-octylphthalate (SV)	<0.01	mg/l	8270C	04/11/2006
Fluoranthene (SV)	<0.01	mg/l	8270C	04/11/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
Fluorene (SV)	<0.01	mg/l	8270C	04/11/2006
Hexachlorobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
Hexachlorobutadiene (SV)	<0.01	mg/l	8270C	04/11/2006
Hexachlorocyclopentadiene (SV)	<0.01	mg/l	8270C	04/11/2006
Hexachloroethane (SV)	<0.01	mg/l	8270C	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-1 **Description:** RINSATE BLANK **Matrix:** WATER

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Indeno(1,2,3-c,d)pyrene (SV)	<0.01	mg/l	8270C	04/11/2006
Isophorone (SV)	<0.01	mg/l	8270C	04/11/2006
2-Methylnaphthalene (SV)	<0.01	mg/l	8270C	04/11/2006
2-Methylphenol o-cresol (SV)	<0.01	mg/l	8270C	04/11/2006
4-,3-Methylphenol p-,m-cresols (SV)	<0.01	mg/l	8270C	04/11/2006
Naphthalene (SV)	<0.01	mg/l	8270C	04/11/2006
2-Nitroaniline (SV)	<0.01	mg/l	8270C	04/11/2006
3-Nitroaniline (SV)	<0.01	mg/l	8270C	04/11/2006
4-Nitroaniline (SV)	<0.05	mg/l	8270C	04/11/2006
Nitrobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
2-Nitrophenol (SV)	<0.02	mg/l	8270C	04/11/2006
4-Nitrophenol (SV)	<0.05	mg/l	8270C	04/11/2006
N-Nitrosodimethylamine (SV)	<0.01	mg/l	8270C	04/11/2006
N-Nitrosodiphenylamine (SV)	<0.01	mg/l	8270C	04/11/2006
N-Nitrosodi-n-propyl amine (SV)	<0.01	mg/l	8270C	04/11/2006
Pentachlorophenol (SV)	<0.05	mg/l	8270C	04/11/2006
Phenanthrene (SV)	<0.01	mg/l	8270C	04/11/2006
Phenol (SV)	<0.01	mg/l	8270C	04/11/2006
Pyrene (SV)	<0.01	mg/l	8270C	04/11/2006
Pyridine (SV)	<0.05	mg/l	8270C	04/11/2006
1,2,4-Trichlorobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
2,4,5-Trichlorophenol (SV)	<0.01	mg/l	8270C	04/11/2006
2,4,6-Trichlorophenol (SV)	<0.01	mg/l	8270C	04/11/2006
2-Fluorophenol (Surrogate)	34	% [10-79]	8270C	04/11/2006
Phenol-d6 (Surrogate)	28	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (Surrogate)	78	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (Surrogate)	102	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (Surrogate)	54	% [30-141]	8270C	04/11/2006
Terphenyl-d14 (Surrogate)	80	% [33-138]	8270C	04/11/2006
TARGET ANALYTE LIST (TOTAL)				
Aluminum as Al (Total)	<0.05	mg/l	6020	04/04/2006
Antimony as Sb (Total)	<0.003	mg/l	6020	04/04/2006
Arsenic as As (Total)	<0.003	mg/l	6020	04/04/2006
Barium as Ba (Total)	<0.005	mg/l	6010B	04/04/2006
Beryllium as Be (Total)	<0.001	mg/l	6020	04/04/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-1 **Description:** RINSATE BLANK **Matrix:** WATER

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Cadmium as Cd (Total)	<0.0001	mg/l	6020	04/04/2006
Calcium as Ca (Total)	<1	mg/l	6010B	04/11/2006
Chromium as Cr (Total)	<0.001	mg/l	6020	04/04/2006
Cobalt as Co (Total)	<0.002	mg/l	6020	04/04/2006
Copper as Cu (Total)	0.002	mg/l	6020	04/04/2006
Iron as Fe (Total)	1.35	mg/l	6010B	04/04/2006
Lead as Pb (Total)	<0.003	mg/l	6020	04/04/2006
Magnesium as Mg (Total)	<1	mg/l	6010B	04/11/2006
Manganese as Mn (Total)	0.016	mg/l	6010B	04/04/2006
Mercury as Hg (Total)	<0.0002	mg/l	7470A	04/04/2006
Molybdenum as Mo (Total)	<0.01	mg/l	6020	04/04/2006
Nickel as Ni (Total)	<0.02	mg/l	6020	04/04/2006
Potassium as K (Total)	<1	mg/l	6010B	04/11/2006
Selenium as Se (Total)	<0.001	mg/l	6020	04/04/2006
Silver as Ag (Total)	<0.003	mg/l	6020	04/04/2006
Sodium as Na (Total)	<1	mg/l	6010B	04/11/2006
Thallium as Tl (Total)	<0.001	mg/l	6020	04/04/2006
Vanadium as V (Total)	<0.05	mg/l	6020	04/04/2006
Zinc as Zn (Total)	<0.01	mg/l	6010B	04/04/2006
ICP/AA Batch#/Digest Date	1018	-----	3010A	04/03/2006
ICPMS Batch#/Digest Date	1020	-----	3020A	04/03/2006
Mercury Batch #/Digest Date	441	-----	7470A	04/04/2006
VOLATILE ORGANIC COMPOUNDS EXTENDED LIST				
Data File Number-Volatiles	0407061008	-----	8260B	
Acetone	<0.020	mg/l	8260B	04/07/2006
Acrylonitrile	<0.020	mg/l	8260B	04/07/2006
Benzene	<0.0005	mg/l	8260B	04/07/2006
Bromobenzene	<0.001	mg/l	8260B	04/07/2006
Bromochloromethane	<0.001	mg/l	8260B	04/07/2006
Bromodichloromethane	<0.0005	mg/l	8260B	04/07/2006
Bromoform	<0.0005	mg/l	8260B	04/07/2006
Bromomethane	<0.0005	mg/l	8260B	04/07/2006
n-Butylbenzene	<0.001	mg/l	8260B	04/07/2006
sec-Butylbenzene	<0.001	mg/l	8260B	04/07/2006
t-Butylbenzene	<0.001	mg/l	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-1 **Description:** RINSATE BLANK **Matrix:** WATER

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Carbon disulfide	<0.005	mg/l	8260B	04/07/2006
Carbon tetrachloride	<0.0005	mg/l	8260B	04/07/2006
Chlorobenzene	<0.0005	mg/l	8260B	04/07/2006
Chloroethane	<0.001	mg/l	8260B	04/07/2006
Chloroform	<0.0005	mg/l	8260B	04/07/2006
Chloromethane (Methyl chloride)	<0.001	mg/l	8260B	04/07/2006
2-Chlorotoluene	<0.001	mg/l	8260B	04/07/2006
4-Chlorotoluene	<0.001	mg/l	8260B	04/07/2006
Dibromochloromethane	<0.0005	mg/l	8260B	04/07/2006
1,2-Dibromo-3-chloropropane	<0.005	mg/l	8260B	04/07/2006
1,2-Dibromoethane	<0.0005	mg/l	8260B	04/07/2006
Dibromomethane	<0.001	mg/l	8260B	04/07/2006
Dichlorodifluoromethane	<0.0005	mg/l	8260B	04/07/2006
1,2-Dichlorobenzene	<0.001	mg/l	8260B	04/07/2006
t-1,4-Dichloro-2-butene	<0.010	mg/l	8260B	04/07/2006
1,3-Dichlorobenzene	<0.001	mg/l	8260B	04/07/2006
1,4-Dichlorobenzene	<0.001	mg/l	8260B	04/07/2006
1,1-Dichloroethane	<0.001	mg/l	8260B	04/07/2006
1,2-Dichloroethane	<0.0005	mg/l	8260B	04/07/2006
1,1-Dichloroethene	<0.0005	mg/l	8260B	04/07/2006
c-1,2-Dichloroethene	<0.0005	mg/l	8260B	04/07/2006
t-1,2-Dichloroethene	<0.0005	mg/l	8260B	04/07/2006
1,2-Dichloropropane	<0.0005	mg/l	8260B	04/07/2006
1,3-Dichloropropane	<0.001	mg/l	8260B	04/07/2006
2,2-Dichloropropane	<0.001	mg/l	8260B	04/07/2006
1,1-Dichloropropene	<0.001	mg/l	8260B	04/07/2006
c-1,3-Dichloropropene	<0.0005	mg/l	8260B	04/07/2006
t-1,3-Dichloropropene	<0.0005	mg/l	8260B	04/07/2006
Ethylmethacrylate	<0.005	mg/l	8260B	04/07/2006
2-Hexanone (Methyl Butyl Ketone)	<0.020	mg/l	8260B	04/07/2006
Ethylbenzene	<0.0005	mg/l	8260B	04/07/2006
Iodomethane (Methyl Iodide)	<0.005	mg/l	8260B	04/07/2006
Hexachlorobutadiene	<0.001	mg/l	8260B	04/07/2006
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<0.020	mg/l	8260B	04/07/2006
Cumene (Isopropylbenzene)	<0.001	mg/l	8260B	04/07/2006
Methyl Ethyl Ketone (2-Butanone)	<0.020	mg/l	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-1 **Description:** RINSATE BLANK **Matrix:** WATER

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
Isopropyltoluene	<0.001	mg/l	8260B	04/07/2006
Methylene chloride	<0.005	mg/l	8260B	04/07/2006
Methyl-tert-butyl ether	<0.001	mg/l	8260B	04/07/2006
Naphthalene	<0.005	mg/l	8260B	04/07/2006
Styrene	<0.0005	mg/l	8260B	04/07/2006
n-Propylbenzene	<0.001	mg/l	8260B	04/07/2006
1,1,1,2-Tetrachloroethane	<0.001	mg/l	8260B	04/07/2006
1,1,2,2-Tetrachloroethane	<0.0005	mg/l	8260B	04/07/2006
Tetrachloroethene	<0.0005	mg/l	8260B	04/07/2006
Toluene	<0.0005	mg/l	8260B	04/07/2006
1,2,3-Trichlorobenzene	<0.001	mg/l	8260B	04/07/2006
1,2,4-Trichlorobenzene	<0.0005	mg/l	8260B	04/07/2006
1,1,1-Trichloroethane	<0.0005	mg/l	8260B	04/07/2006
1,1,2-Trichloroethane	<0.0005	mg/l	8260B	04/07/2006
Trichloroethene	<0.0005	mg/l	8260B	04/07/2006
Trichlorofluoromethane	<0.0005	mg/l	8260B	04/07/2006
1,2,3-Trichloropropane	<0.001	mg/l	8260B	04/07/2006
1,2,4-Trimethylbenzene	<0.001	mg/l	8260B	04/07/2006
Vinyl acetate	<0.010	mg/l	8260B	04/07/2006
1,3,5-Trimethylbenzene	<0.001	mg/l	8260B	04/07/2006
Vinyl chloride	<0.0005	mg/l	8260B	04/07/2006
Total Xylenes	<0.002	mg/l	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	84	% [72-122]	8260B	04/07/2006
Toluene-d8 (Surrogate)	98	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	90	% [86-114]	8260B	04/07/2006
VPH IN WATER BY MASSACHUSETTS METHOD				
Total Purgeable Hydrocarbons	<0.20	mg/l	MDEP-VPH-98	03/31/2006
Benzene	<0.001	mg/l	MDEP-VPH-98	03/31/2006
Ethylbenzene	<0.001	mg/l	MDEP-VPH-98	03/31/2006
Methyl-tert-butyl ether	<0.002	mg/l	MDEP-VPH-98	03/31/2006
Naphthalene	<0.005	mg/l	MDEP-VPH-98	03/31/2006
Toluene	<0.001	mg/l	MDEP-VPH-98	03/31/2006
Total Xylenes	<0.003	mg/l	MDEP-VPH-98	03/31/2006
Unadjusted C5-C8 Aliphatics	<0.10	mg/l	MDEP-VPH-98	03/31/2006
Unadjusted C9-C12 Aliphatics	<0.10	mg/l	MDEP-VPH-98	03/31/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-1 **Description:** RINSATE BLANK **Matrix:** WATER

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
C5-C8 Aliphatics	<0.10	mg/l	MDEP-VPH-98	03/31/2006
C9-C12 Aliphatics	<0.10	mg/l	MDEP-VPH-98	03/31/2006
C9-C10 Aromatics	<0.020	mg/l	MDEP-VPH-98	03/31/2006
PID Surrogate Recovery	96	% [70-130]	MDEP-VPH-98	03/31/2006
FID Surrogate Recovery	100	% [70-130]	MDEP-VPH-98	03/31/2006
VPH Arom. Batch Number	8120	-----	MDEP-VPH-98	03/31/2006
VPH Aliph. Batch Number	8120	-----	MDEP-VPH-98	

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-2 **Description:** MATRIX SPIKE OF RINSATE BLANK **Matrix:** WATER

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
INORGANICS				
Oxidation-Reduction Potential	NA	-----	-----	-----
pH	NA	-----	-----	-----
TARGET ANALYTE LIST (TOTAL)				
Aluminum as Al (Total)	99	% [64-136]	6020	04/04/2006
Antimony as Sb (Total)	100	% [72-128]	6020	04/04/2006
Arsenic as As (Total)	98	% [74-124]	6020	04/04/2006
Barium as Ba (Total)	98	% [75-125]	6010B	04/04/2006
Beryllium as Be (Total)	98	% [71-131]	6020	04/04/2006
Cadmium as Cd (Total)	99	% [81-114]	6020	04/04/2006
Calcium as Ca (Total)	101	% [84-112]	6010B	04/11/2006
Chromium as Cr (Total)	98	% [73-117]	6020	04/04/2006
Cobalt as Co (Total)	99	% [76-116]	6020	04/04/2006
Copper as Cu (Total)	88	% [67-118]	6020	04/05/2006
Iron as Fe (Total)	104	% [73-133]	6010B	04/04/2006
Lead as Pb (Total)	101	% [75-122]	6020	04/04/2006
Magnesium as Mg (Total)	103	% [85-112]	6010B	04/11/2006
Manganese as Mn (Total)	106	% [73-126]	6010B	04/04/2006
Mercury as Hg (Total)	106	% [70-126]	7470A	04/04/2006
Molybdenum as Mo (Total)	100	% [70-130]	6020	04/04/2006
Nickel as Ni (Total)	100	% [69-124]	6020	04/04/2006
Potassium as K (Total)	100	% [89-119]	6010B	04/11/2006
Selenium as Se (Total)	97	% [70-130]	6020	04/04/2006
Silver as Ag (Total)	101	% [75-125]	6020	04/04/2006
Sodium as Na (Total)	98	% [82-116]	6010B	04/11/2006
Thallium as Tl (Total)	102	% [78-127]	6020	04/04/2006
Vanadium as V (Total)	97	% [76-123]	6020	04/04/2006
Zinc as Zn (Total)	109	% [73-129]	6010B	04/04/2006
ICP/AA Batch#/Digest Date	1018	-----	3010A	04/03/2006
ICPMS Batch#/Digest Date	1020	-----	3020A	04/03/2006
Mercury Batch #/Digest Date	441	-----	7470A	04/04/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-3 **Description:** MATRIX SPIKE DUPLICATE OF RINSATE BLANK **Matrix:** WATER

Date Received: 03/30/2006

Date Collected: 03/29/2006 **Collected by:** FRITZ DURHAM

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
INORGANICS				
Oxidation-Reduction Potential	NA	-----	-----	-----
pH	NA	-----	-----	-----
TARGET ANALYTE LIST (TOTAL)				
Aluminum as Al (Total)	0	RPD [0-20]	6020	04/04/2006
Antimony as Sb (Total)	0	RPD [0-20]	6020	04/04/2006
Arsenic as As (Total)	0	RPD [0-20]	6020	04/04/2006
Barium as Ba (Total)	1	RPD [0-20]	6010B	04/04/2006
Beryllium as Be (Total)	0	RPD [0-20]	6020	04/04/2006
Cadmium as Cd (Total)	0	RPD [0-20]	6020	04/04/2006
Calcium as Ca (Total)	1	RPD [0-20]	6010B	04/11/2006
Chromium as Cr (Total)	0	RPD [0-20]	6020	04/04/2006
Cobalt as Co (Total)	0	RPD [0-20]	6020	04/04/2006
Copper as Cu (Total)	0	RPD [0-20]	6020	04/06/2006
Iron as Fe (Total)	3	RPD [0-20]	6010B	04/04/2006
Lead as Pb (Total)	0	RPD [0-20]	6020	04/04/2006
Magnesium as Mg (Total)	0	RPD [0-20]	6010B	04/11/2006
Manganese as Mn (Total)	1	RPD [0-20]	6010B	04/04/2006
Mercury as Hg (Total)	5	RPD [0-20]	7470A	04/04/2006
Molybdenum as Mo (Total)	0	RPD [0-20]	6020	04/04/2006
Nickel as Ni (Total)	0	RPD [0-20]	6020	04/04/2006
Potassium as K (Total)	0	RPD [0-20]	6010B	04/11/2006
Selenium as Se (Total)	0	RPD [0-20]	6020	04/04/2006
Silver as Ag (Total)	0	RPD [0-20]	6020	04/04/2006
Sodium as Na (Total)	0	RPD [0-20]	6010B	04/11/2006
Thallium as Tl (Total)	0	RPD [0-20]	6020	04/04/2006
Vanadium as V (Total)	0	RPD [0-20]	6020	04/04/2006
Zinc as Zn (Total)	1	RPD [0-20]	6010B	04/04/2006
ICP/AA Batch#/Digest Date	1018	-----	3010A	04/03/2006
ICPMS Batch#/Digest Date	1020	-----	3020A	04/03/2006
Mercury Batch #/Digest Date	441	-----	7470A	04/04/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-4 **Description:** METHOD BLANK **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
INORGANICS				
Oxidation-Reduction Potential	NA	-----	-----	-----
pH	NA	-----	-----	-----
TARGET ANALYTE LIST (TOTAL)				
Aluminum as Al (Total)	<0.05	mg/l	6020	04/04/2006
Antimony as Sb (Total)	<0.003	mg/l	6020	04/04/2006
Arsenic as As (Total)	<0.003	mg/l	6020	04/04/2006
Barium as Ba (Total)	<0.005	mg/l	6010B	04/04/2006
Beryllium as Be (Total)	<0.001	mg/l	6020	04/04/2006
Cadmium as Cd (Total)	<0.0001	mg/l	6020	04/04/2006
Calcium as Ca (Total)	<1	mg/l	6010B	04/11/2006
Chromium as Cr (Total)	<0.001	mg/l	6020	04/04/2006
Cobalt as Co (Total)	<0.002	mg/l	6020	04/04/2006
Copper as Cu (Total)	<0.001	mg/l	6020	04/05/2006
Iron as Fe (Total)	<0.01	mg/l	6010B	04/04/2006
Lead as Pb (Total)	<0.003	mg/l	6020	04/04/2006
Magnesium as Mg (Total)	<1	mg/l	6010B	04/11/2006
Manganese as Mn (Total)	<0.005	mg/l	6010B	04/04/2006
Mercury as Hg (Total)	<0.0002	mg/l	7470A	04/04/2006
Molybdenum as Mo (Total)	<0.01	mg/l	6020	04/04/2006
Nickel as Ni (Total)	<0.02	mg/l	6020	04/04/2006
Potassium as K (Total)	<1	mg/l	6010B	04/11/2006
Selenium as Se (Total)	<0.001	mg/l	6020	04/04/2006
Silver as Ag (Total)	<0.003	mg/l	6020	04/04/2006
Sodium as Na (Total)	<1	mg/l	6010B	04/11/2006
Thallium as Tl (Total)	<0.001	mg/l	6020	04/04/2006
Vanadium as V (Total)	<0.05	mg/l	6020	04/04/2006
Zinc as Zn (Total)	<0.01	mg/l	6010B	04/04/2006
ICP/AA Batch#/Digest Date	1018	-----	3010A	04/03/2006
ICPMS Batch#/Digest Date	1020	-----	3020A	04/03/2006
Mercury Batch #/Digest Date	441	-----	7470A	04/04/2006

Northern Analytical Laboratories, Inc.

Client Name: MT. DEPT. OF ENVIRO QUALITY

Project No.: NONE GIVEN

Project Name: STIMSON POND

Sample No.: 2006030242-5 **Description:** LABORATORY CONTROL SAMPLE **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
INORGANICS				
Oxidation-Reduction Potential	102	% [98-102]	2580B	03/31/2006
pH	99	% [99-101]	150.1	03/31/2006
TARGET ANALYTE LIST (TOTAL)				
Aluminum as Al (Total)	110	% [74-125]	6020	04/04/2006
Antimony as Sb (Total)	100	% [81-120]	6020	04/04/2006
Arsenic as As (Total)	99	% [76-116]	6020	04/04/2006
Barium as Ba (Total)	100	% [85-115]	6010B	04/04/2006
Beryllium as Be (Total)	101	% [84-120]	6020	04/04/2006
Cadmium as Cd (Total)	103	% [82-113]	6020	04/04/2006
Calcium as Ca (Total)	103	% [92-111]	6010B	04/11/2006
Chromium as Cr (Total)	99	% [82-116]	6020	04/04/2006
Cobalt as Co (Total)	101	% [82-118]	6020	04/04/2006
Copper as Cu (Total)	97	% [81-116]	6020	04/04/2006
Iron as Fe (Total)	106	% [91-119]	6010B	04/04/2006
Lead as Pb (Total)	104	% [81-116]	6020	04/04/2006
Magnesium as Mg (Total)	102	% [92-116]	6010B	04/11/2006
Manganese as Mn (Total)	106	% [89-118]	6010B	04/04/2006
Mercury as Hg (Total)	99	% [84-118]	7470A	04/04/2006
Molybdenum as Mo (Total)	103	% [84-114]	6020	04/04/2006
Nickel as Ni (Total)	99	% [81-117]	6020	04/04/2006
Potassium as K (Total)	98	% [93-109]	6010B	04/11/2006
Selenium as Se (Total)	98	% [81-116]	6020	04/04/2006
Silver as Ag (Total)	102	% [81-119]	6020	04/04/2006
Sodium as Na (Total)	99	% [88-112]	6010B	04/11/2006
Thallium as Tl (Total)	104	% [85-118]	6020	04/04/2006
Vanadium as V (Total)	99	% [82-120]	6020	04/04/2006
Zinc as Zn (Total)	106	% [84-118]	6010B	04/04/2006
ICP/AA Batch#/Digest Date	1018	-----	3010A	04/03/2006
ICPMS Batch#/Digest Date	1020	-----	3020A	04/03/2006
Mercury Batch #/Digest Date	441	-----	7470A	04/04/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8081A WATER QUALITY CONTROL

Sample No.: 2006010017-5 **Description:** METHOD BLANK; 8081/8082 BATCH 2690 **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
PCBs IN WATER				
Aroclor 1016	<1	ug/l	8082	04/01/2006
Aroclor 1221	<1	ug/l	8082	04/01/2006
Aroclor 1232	<1	ug/l	8082	04/01/2006
Aroclor 1242	<1	ug/l	8082	04/01/2006
Aroclor 1248	<1	ug/l	8082	04/01/2006
Aroclor 1254	<1	ug/l	8082	04/01/2006
Aroclor 1260	<1	ug/l	8082	04/01/2006
TCMX (Surrogate) 8082 Water	67	% [12-125]	8082	04/01/2006
DCB (Surrogate) 8082 Water	31	% [10-145]	8082	04/01/2006
PESTICIDES IN WATER				
Batch #/Extraction Date - Method 3510C	2690	-----	3510C	03/31/2006
Aldrin	<0.1	ug/l	8081A	04/01/2006
A-BHC	<0.1	ug/l	8081A	04/01/2006
B-BHC	<0.1	ug/l	8081A	04/01/2006
D-BHC	<0.1	ug/l	8081A	04/01/2006
Lindane (G-BHC)	<0.1	ug/l	8081A	04/01/2006
A-Chlordane	<0.1	ug/l	8081A	04/01/2006
G-Chlordane	<0.1	ug/l	8081A	04/01/2006
4,4-DDD	<0.2	ug/l	8081A	04/01/2006
4,4-DDE	<0.2	ug/l	8081A	04/01/2006
4,4-DDT	<0.2	ug/l	8081A	04/01/2006
Dieldrin	<0.2	ug/l	8081A	04/01/2006
Endosulfan I	<0.1	ug/l	8081A	04/01/2006
Endosulfan II	<0.2	ug/l	8081A	04/01/2006
Endosulfan Sulfate	<0.2	ug/l	8081A	04/01/2006
Endrin	<0.2	ug/l	8081A	04/01/2006
Endrin Aldehyde	<0.2	ug/l	8081A	04/01/2006
Heptachlor	<0.1	ug/l	8081A	04/01/2006
Heptachlor Epoxide	<0.1	ug/l	8081A	04/01/2006
Methoxychlor	<1	ug/l	8081A	04/01/2006
Toxaphene	<1	ug/l	8081A	04/01/2006
TCMX (Surrogate) 8081A Water	67	% [12-125]	8081A	04/01/2006
DCB (Surrogate) 8081A Water	31	% [10-145]	8081A	04/01/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8081A WATER QUALITY CONTROL

Sample No.: 2006010017-6 **Description:** LAB CONTROL SAMPLE; 8081/8082 BATCH 2690 **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
PCBs IN WATER				
Aroclor 1016	NA	-----	-----	-----
Aroclor 1221	NA	-----	-----	-----
Aroclor 1232	NA	-----	-----	-----
Aroclor 1242	NA	-----	-----	-----
Aroclor 1248	NA	-----	-----	-----
Aroclor 1254	NA	-----	-----	-----
Aroclor 1260	102	% [80-120]	8082	04/01/2006
TCMX (Surrogate) 8082 Water	64	% [12-125]	8082	04/01/2006
DCB (Surrogate) 8082 Water	34	% [10-145]	8082	04/01/2006
PESTICIDES IN WATER				
Batch #/Extraction Date - Method 3510C	2690	-----	3510C	03/31/2006
Aldrin	77	% [43-134]	8081A	04/01/2006
A-BHC	NA	-----	-----	-----
B-BHC	NA	-----	-----	-----
D-BHC	NA	-----	-----	-----
Lindane (G-BHC)	77	% [47-131]	8081A	04/01/2006
A-Chlordane	NA	-----	-----	-----
G-Chlordane	NA	-----	-----	-----
4,4-DDD	NA	-----	-----	-----
4,4-DDE	NA	-----	-----	-----
4,4-DDT	84	% [41-144]	8081A	04/01/2006
Dieldrin	85	% [61-132]	8081A	04/01/2006
Endosulfan I	NA	-----	-----	-----
Endosulfan II	NA	-----	-----	-----
Endosulfan Sulfate	NA	-----	-----	-----
Endrin	92	% [57-153]	8081A	04/01/2006
Endrin Aldehyde	NA	-----	-----	-----
Heptachlor	76	% [48-127]	8081A	04/01/2006
Heptachlor Epoxide	82	% [61-123]	8081A	04/01/2006
Methoxychlor	103	% [55-164]	8081A	04/01/2006
Toxaphene	133	% [61-144]	8081A	04/01/2006
TCMX (Surrogate) 8081A Water	64	% [12-125]	8081A	04/01/2006
DCB (Surrogate) 8081A Water	34	% [10-145]	8081A	04/01/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8081A WATER QUALITY CONTROL

Sample No.: 2006010017-7 **Description:** LAB CONTROL SAMPLE DUPLICATE; 8081/8082 BATCH 2690 **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
PCBs IN WATER				
Aroclor 1016	NA	-----	-----	-----
Aroclor 1221	NA	-----	-----	-----
Aroclor 1232	NA	-----	-----	-----
Aroclor 1242	NA	-----	-----	-----
Aroclor 1248	NA	-----	-----	-----
Aroclor 1254	NA	-----	-----	-----
Aroclor 1260	NA	-----	-----	-----
TCMX (Surrogate) 8082 Water	NA	-----	-----	-----
DCB (Surrogate) 8082 Water	NA	-----	-----	-----
PESTICIDES IN WATER				
Batch #/Extraction Date - Method 3510C	2690	-----	3510C	03/31/2006
Aldrin	3	RPD [0-20]	8081A	04/01/2006
A-BHC	NA	-----	-----	-----
B-BHC	NA	-----	-----	-----
D-BHC	NA	-----	-----	-----
Lindane (G-BHC)	3	RPD [0-20]	8081A	04/01/2006
A-Chlordane	NA	-----	-----	-----
G-Chlordane	NA	-----	-----	-----
4,4-DDD	NA	-----	-----	-----
4,4-DDE	NA	-----	-----	-----
4,4-DDT	4	RPD [0-20]	8081A	04/01/2006
Dieldrin	5	RPD [0-20]	8081A	04/01/2006
Endosulfan I	NA	-----	-----	-----
Endosulfan II	NA	-----	-----	-----
Endosulfan Sulfate	NA	-----	-----	-----
Endrin	6	RPD [0-20]	8081A	04/01/2006
Endrin Aldehyde	NA	-----	-----	-----
Heptachlor	5	RPD [0-20]	8081A	04/01/2006
Heptachlor Epoxide	5	RPD [0-20]	8081A	04/01/2006
Methoxychlor	4	RPD [0-20]	8081A	04/01/2006
Toxaphene	NA	-----	-----	-----
TCMX (Surrogate) 8081A Water	68	% [12-125]	8081A	04/01/2006
DCB (Surrogate) 8081A Water	46	% [10-145]	8081A	04/01/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8260B QUALITY CONTROL

Sample No.: 2006040003-21 **Description:** METHOD BLANK; [redacted] **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VOLATILE ORGANIC COMPOUNDS EXTENDED LIST				
Data File Number-Volatiles	0407061004	-----	8260B	
Acetone	<20	ug/l	8260B	04/07/2006
Acrylonitrile	<20	ug/l	8260B	04/07/2006
Benzene	<0.5	ug/l	8260B	04/07/2006
Bromobenzene	<1	ug/l	8260B	04/07/2006
Bromochloromethane	<1	ug/l	8260B	04/07/2006
Bromodichloromethane	<0.5	ug/l	8260B	04/07/2006
Bromoform	<0.5	ug/l	8260B	04/07/2006
Bromomethane	<0.5	ug/l	8260B	04/07/2006
n-Butylbenzene	<1	ug/l	8260B	04/07/2006
sec-Butylbenzene	<1	ug/l	8260B	04/07/2006
t-Butylbenzene	<1	ug/l	8260B	04/07/2006
Carbon disulfide	<5	ug/l	8260B	04/07/2006
Carbon tetrachloride	<0.5	ug/l	8260B	04/07/2006
Chlorobenzene	<0.5	ug/l	8260B	04/07/2006
Chloroethane	<1	ug/l	8260B	04/07/2006
Chloroform	<0.5	ug/l	8260B	04/07/2006
Chloromethane (Methyl chloride)	<1	ug/l	8260B	04/07/2006
2-Chlorotoluene	<1	ug/l	8260B	04/07/2006
4-Chlorotoluene	<1	ug/l	8260B	04/07/2006
Dibromochloromethane	<0.5	ug/l	8260B	04/07/2006
1,2-Dibromo-3-chloropropane	<5	ug/l	8260B	04/07/2006
1,2-Dibromoethane	<0.5	ug/l	8260B	04/07/2006
Dibromomethane	<1	ug/l	8260B	04/07/2006
Dichlorodifluoromethane	<0.5	ug/l	8260B	04/07/2006
1,2-Dichlorobenzene	<1	ug/l	8260B	04/07/2006
t-1,4-Dichloro-2-butene	<10	ug/l	8260B	04/07/2006
1,3-Dichlorobenzene	<1	ug/l	8260B	04/07/2006
1,4-Dichlorobenzene	<1	ug/l	8260B	04/07/2006
1,1-Dichloroethane	<1	ug/l	8260B	04/07/2006
1,2-Dichloroethane	<0.5	ug/l	8260B	04/07/2006
1,1-Dichloroethene	<0.5	ug/l	8260B	04/07/2006
c-1,2-Dichloroethene	<0.5	ug/l	8260B	04/07/2006
t-1,2-Dichloroethene	<0.5	ug/l	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8260B QUALITY CONTROL

Sample No.: 2006040003-21 **Description:** METHOD BLANK; BATCH 04/07/06 **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2-Dichloropropane	<0.5	ug/l	8260B	04/07/2006
1,3-Dichloropropane	<1	ug/l	8260B	04/07/2006
2,2-Dichloropropane	<1	ug/l	8260B	04/07/2006
1,1-Dichloropropene	<1	ug/l	8260B	04/07/2006
c-1,3-Dichloropropene	<0.5	ug/l	8260B	04/07/2006
t-1,3-Dichloropropene	<0.5	ug/l	8260B	04/07/2006
Ethylmethacrylate	<5	ug/l	8260B	04/07/2006
2-Hexanone (Methyl Butyl Ketone)	<20	ug/l	8260B	04/07/2006
Ethylbenzene	<0.5	ug/l	8260B	04/07/2006
Iodomethane (Methyl Iodide)	<5	ug/l	8260B	04/07/2006
Hexachlorobutadiene	<1	ug/l	8260B	04/07/2006
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	<20	ug/l	8260B	04/07/2006
Cumene (Isopropylbenzene)	<1	ug/l	8260B	04/07/2006
Methyl Ethyl Ketone (2-Butanone)	<20	ug/l	8260B	04/07/2006
Isopropyltoluene	<1	ug/l	8260B	04/07/2006
Methylene chloride	<5	ug/l	8260B	04/07/2006
Methyl-tert-butyl ether	<1	ug/l	8260B	04/07/2006
Naphthalene	<5	ug/l	8260B	04/07/2006
Styrene	<0.5	ug/l	8260B	04/07/2006
n-Propylbenzene	<1	ug/l	8260B	04/07/2006
1,1,1,2-Tetrachloroethane	<1	ug/l	8260B	04/07/2006
1,1,2,2-Tetrachloroethane	<0.5	ug/l	8260B	04/07/2006
Tetrachloroethene	<0.5	ug/l	8260B	04/07/2006
Toluene	<0.5	ug/l	8260B	04/07/2006
1,2,3-Trichlorobenzene	<1	ug/l	8260B	04/07/2006
1,2,4-Trichlorobenzene	<0.5	ug/l	8260B	04/07/2006
1,1,1-Trichloroethane	<0.5	ug/l	8260B	04/07/2006
1,1,2-Trichloroethane	<0.5	ug/l	8260B	04/07/2006
Trichloroethene	<0.5	ug/l	8260B	04/07/2006
Trichlorofluoromethane	<0.5	ug/l	8260B	04/07/2006
1,2,3-Trichloropropane	<1	ug/l	8260B	04/07/2006
1,2,4-Trimethylbenzene	<1	ug/l	8260B	04/07/2006
Vinyl acetate	<10	ug/l	8260B	04/07/2006
1,3,5-Trimethylbenzene	<1	ug/l	8260B	04/07/2006
Vinyl chloride	<0.5	ug/l	8260B	04/07/2006
Total Xylenes	<1.5	ug/l	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8260B QUALITY CONTROL

Sample No.: 2006040003-21 **Description:** METHOD BLANK; BATCH 04/07/06 **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
1,2-Dichloroethane-d4 (Surrogate)	98	% [72-122]	8260B	04/07/2006
Toluene-d8 (Surrogate)	98	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	94	% [86-114]	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8260B QUALITY CONTROL

Sample No.: 2006040003-22 **Description:** LABORATORY CONTROL SAMPLE; BATCH 04/07/06 TCLP COMPOUNDS **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
TCLP VOLATILE ORGANICS				
TCLP VOCs Batch#/Extraction Date	NA	-----	-----	
Benzene (TCLP)	104	% [80-116]	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	95	% [72-122]	8260B	04/07/2006
Carbon Tetrachloride (TCLP)	90	% [66-127]	8260B	04/07/2006
Chlorobenzene (TCLP)	99	% [82-109]	8260B	04/07/2006
Chloroform (TCLP)	91	% [75-121]	8260B	04/07/2006
1,4-Dichlorobenzene (TCLP)	98	% [70-130]	8260B	04/07/2006
1,2-Dichloroethane (TCLP)	96	% [67-125]	8260B	04/07/2006
1,1-Dichloroethene (TCLP)	103	% [60-115]	8260B	04/07/2006
Methyl Ethyl Ketone (TCLP)	87	% [62-128]	8260B	04/07/2006
Tetrachloroethene (TCLP)	95	% [71-120]	8260B	04/07/2006
Trichloroethene (TCLP)	95	% [76-109]	8260B	04/07/2006
Vinyl chloride (TCLP)	88	% [61-120]	8260B	04/07/2006
Toluene-d8 (Surrogate)	101	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	94	% [86-114]	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8260B QUALITY CONTROL

Sample No.: 2006040003-23 **Description:** MATRIX SPIKE OF 2006030241-22; BATCH 04/07/06 TCLP COMPOUNDS **Matrix:** WATER

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
TCLP VOLATILE ORGANICS				
Benzene (TCLP)	109	% [80-116]	8260B	04/07/2006
1,2-Dichloroethane-d4 (Surrogate)	82	% [72-122]	8260B	04/07/2006
Carbon Tetrachloride (TCLP)	96	% [66-127]	8260B	04/07/2006
Chlorobenzene (TCLP)	105	% [82-109]	8260B	04/07/2006
Chloroform (TCLP)	94	% [75-121]	8260B	04/07/2006
1,4-Dichlorobenzene (TCLP)	102	% [70-130]	8260B	04/07/2006
1,2-Dichloroethane (TCLP)	85	% [67-125]	8260B	04/07/2006
1,1-Dichloroethene (TCLP)	112	% [60-115]	8260B	04/07/2006
Methyl Ethyl Ketone (TCLP)	76	% [62-128]	8260B	04/07/2006
Tetrachloroethene (TCLP)	96	% [71-120]	8260B	04/07/2006
Trichloroethene (TCLP)	101	% [76-109]	8260B	04/07/2006
Vinyl chloride (TCLP)	92	% [61-120]	8260B	04/07/2006
Toluene-d8 (Surrogate)	100	% [89-112]	8260B	04/07/2006
4-Bromofluorobenzene (Surrogate)	93	% [86-114]	8260B	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-1 **Description:** METHOD BLANK **Matrix:** WATER

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
SEMIVOLATILE ORGANIC COMPOUNDS				
Data File Number-Semivolatiles	0411061011	-----	8270C	04/11/2006
Batch #/Extract Date - EPA 8270	[redacted]	-----	3510C	04/04/2006
Acenaphthene (SV)	<0.01	mg/l	8270C	04/11/2006
Acenaphthylene (SV)	<0.01	mg/l	8270C	04/11/2006
Anthracene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzo[a]anthracene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzo[a]pyrene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzo[b]fluoranthene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzo[k]fluoranthene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzo[g,h,i]perylene (SV)	<0.01	mg/l	8270C	04/11/2006
Benzoic acid (SV)	<0.1	mg/l	8270C	04/11/2006
Benzyl alcohol (SV)	<0.01	mg/l	8270C	04/11/2006
Bis(2-chloroethoxy)methane (SV)	<0.01	mg/l	8270C	04/11/2006
Bis(2-chloroethyl)ether (SV)	<0.01	mg/l	8270C	04/11/2006
Bis(2-chloroisopropyl)ether (SV)	<0.01	mg/l	8270C	04/11/2006
Bis(2-ethylhexyl)phthalate (SV)	<0.01	mg/l	8270C	04/11/2006
4-Bromophenyl phenyl ether (SV)	<0.01	mg/l	8270C	04/11/2006
Butylbenzylphthalate (SV)	<0.01	mg/l	8270C	04/11/2006
Carbazole (SV)	<0.01	mg/l	8270C	04/11/2006
4-Chloroaniline (SV)	<0.02	mg/l	8270C	04/11/2006
4-Chloro-3-methylphenol (SV)	<0.02	mg/l	8270C	04/11/2006
2-Chloronaphthalene (SV)	<0.01	mg/l	8270C	04/11/2006
2-Chlorophenol (SV)	<0.01	mg/l	8270C	04/11/2006
4-Chlorophenyl phenyl ether (SV)	<0.01	mg/l	8270C	04/11/2006
Chrysene (SV)	<0.01	mg/l	8270C	04/11/2006
Dibenzofuran (SV)	<0.01	mg/l	8270C	04/11/2006
Dibenzo[a,h]anthracene (SV)	<0.01	mg/l	8270C	04/11/2006
Diethylphthalate (SV)	<0.01	mg/l	8270C	04/11/2006
1,2-Dichlorobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
Diphenylamine (SV)	<0.01	mg/l	8270C	04/11/2006
1,3-Dichlorobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
1,4-Dichlorobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
3,3'-Dichlorobenzidine (SV)	<0.07	mg/l	8270C	04/11/2006
2,4-Dichlorophenol (SV)	<0.01	mg/l	8270C	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-1 **Description:** METHOD BLANK **Matrix:** WATER

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4-Dimethylphenol (SV)	<0.011	mg/l	8270C	04/11/2006
Dimethylphthalate (SV)	<0.01	mg/l	8270C	04/11/2006
4,6-Dinitro-2-methylphenol (SV)	<0.05	mg/l	8270C	04/11/2006
2,4-Dinitrophenol (SV)	<0.05	mg/l	8270C	04/11/2006
Di-n-Butylphthalate (SV)	<0.01	mg/l	8270C	04/11/2006
2,4-Dinitrotoluene (SV)	<0.01	mg/l	8270C	04/11/2006
2,6-Dinitrotoluene (SV)	<0.01	mg/l	8270C	04/11/2006
Di-n-octylphthalate (SV)	<0.01	mg/l	8270C	04/11/2006
Fluoranthene (SV)	<0.01	mg/l	8270C	04/11/2006
1,2-Diphenylhydrazine as Azobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
Fluorene (SV)	<0.01	mg/l	8270C	04/11/2006
Hexachlorobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
Hexachlorobutadiene (SV)	<0.01	mg/l	8270C	04/11/2006
Hexachlorocyclopentadiene (SV)	<0.01	mg/l	8270C	04/11/2006
Hexachloroethane (SV)	<0.01	mg/l	8270C	04/11/2006
Indeno(1,2,3-c,d)pyrene (SV)	<0.01	mg/l	8270C	04/11/2006
Isophorone (SV)	<0.01	mg/l	8270C	04/11/2006
2-Methylnaphthalene (SV)	<0.01	mg/l	8270C	04/11/2006
2-Methylphenol o-cresol (SV)	<0.01	mg/l	8270C	04/11/2006
4-,3-Methylphenol p-,m-cresols (SV)	<0.01	mg/l	8270C	04/11/2006
Naphthalene (SV)	<0.01	mg/l	8270C	04/11/2006
2-Nitroaniline (SV)	<0.01	mg/l	8270C	04/11/2006
3-Nitroaniline (SV)	<0.01	mg/l	8270C	04/11/2006
4-Nitroaniline (SV)	<0.05	mg/l	8270C	04/11/2006
Nitrobenzene (SV)	<0.01	mg/l	8270C	04/11/2006
2-Nitrophenol (SV)	<0.02	mg/l	8270C	04/11/2006
4-Nitrophenol (SV)	<0.05	mg/l	8270C	04/11/2006
N-Nitrosodimethylamine (SV)	<0.01	mg/l	8270C	04/11/2006
N-Nitrosodiphenylamine (SV)	<0.01	mg/l	8270C	04/11/2006
N-Nitrosodi-n-propyl amine (SV)	<0.01	mg/l	8270C	04/11/2006
Pentachlorophenol (SV)	<0.05	mg/l	8270C	04/11/2006
Phenanthrene (SV)	<0.01	mg/l	8270C	04/11/2006
Phenol (SV)	<0.01	mg/l	8270C	04/11/2006
Pyrene (SV)	<0.01	mg/l	8270C	04/11/2006
Pyridine (SV)	<0.05	mg/l	8270C	04/11/2006
1,2,4-Trichlorobenzene (SV)	<0.01	mg/l	8270C	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-1 **Description:** METHOD BLANK **Matrix:** WATER

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
2,4,5-Trichlorophenol (SV)	<0.01	mg/l	8270C	04/11/2006
2,4,6-Trichlorophenol (SV)	<0.01	mg/l	8270C	04/11/2006
2-Fluorophenol (Surrogate)	30	% [10-79]	8270C	04/11/2006
Phenol-d6 (Surrogate)	26	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (Surrogate)	70	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (Surrogate)	100	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (Surrogate)	56	% [30-141]	8270C	04/11/2006
Terphenyl-d14 (Surrogate)	94	% [33-138]	8270C	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-2 **Description:** LABORATORY CONTROL SAMPLE; TCLP BATCH 4618 **Matrix:** WATER

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
TCLP SEMIVOLATILE ORGANICS				
TCLP SVOCs Batch#/Extraction Date	NA	-----	-----	
Extraction Date-TCLP SVOCs by 8270	4618	-----	3510C	04/04/2006
Total Cresol (TCLP)	85	% [24-118]	8270C	04/11/2006
1,4-Dichlorobenzene (TCLP)	82	% [36-114]	8270C	04/11/2006
2,4-Dinitrotoluene (TCLP)	79	% [26-123]	8270C	04/11/2006
Hexachlorobutadiene (TCLP)	72	% [24-100]	8270C	04/11/2006
Hexachlorobenzene (TCLP)	80	% [15-127]	8270C	04/11/2006
Hexachloroethane (TCLP)	59	% [19-94]	8270C	04/11/2006
Nitrobenzene (TCLP)	78	% [27-101]	8270C	04/11/2006
Pyridine (TCLP)	30	% [10-94]	8270C	04/11/2006
Pentachlorophenol (TCLP)	41	% [20-118]	8270C	04/11/2006
2,4,5-Trichlorophenol (TCLP)	76	% [31-105]	8270C	04/11/2006
2,4,6-Trichlorophenol (TCLP)	78	% [34-103]	8270C	04/11/2006
2-Fluorophenol (TCLP Surrogate)	39	% [10-79]	8270C	04/11/2006
Phenol-d6 (TCLP Surrogate)	32	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (TCLP Surrogate)	88	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (TCLP Surrogate)	93	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (TCLP Surrogate)	80	% [30-141]	8270C	04/11/2006
Terphenyl-d14 (TCLP Surrogate)	111	% [33-138]	8270C	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-3 **Description:** MATRIX SPIKE OF 2006030241-22; TCLP BATCH 4618 **Matrix:** WATER

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
TCLP SEMIVOLATILE ORGANICS				
TCLP SVOCs Batch#/Extraction Date	NA	-----	-----	
Extraction Date-TCLP SVOCs by 8270	4618	-----	3510C	04/05/2006
Total Cresol (TCLP)	82	% [24-118]	8270C	04/11/2006
1,4-Dichlorobenzene (TCLP)	82	% [36-114]	8270C	04/11/2006
2,4-Dinitrotoluene (TCLP)	82	% [26-123]	8270C	04/11/2006
Hexachlorobutadiene (TCLP)	72	% [24-100]	8270C	04/11/2006
Hexachlorobenzene (TCLP)	88	% [15-127]	8270C	04/11/2006
Hexachloroethane (TCLP)	62	% [19-94]	8270C	04/11/2006
Nitrobenzene (TCLP)	77	% [27-101]	8270C	04/11/2006
Pyridine (TCLP)	36	% [10-94]	8270C	04/11/2006
Pentachlorophenol (TCLP)	26	% [20-118]	8270C	04/11/2006
2,4,5-Trichlorophenol (TCLP)	76	% [31-105]	8270C	04/11/2006
2,4,6-Trichlorophenol (TCLP)	77	% [34-103]	8270C	04/11/2006
2-Fluorophenol (TCLP Surrogate)	39	% [10-79]	8270C	04/11/2006
Phenol-d6 (TCLP Surrogate)	31	% [10-92]	8270C	04/11/2006
Nitrobenzene-d5 (TCLP Surrogate)	72	% [37-115]	8270C	04/11/2006
2-Fluorobiphenyl (TCLP Surrogate)	96	% [40-126]	8270C	04/11/2006
2,4,6-Tribromophenol (TCLP Surrogate)	80	% [30-141]	8270C	04/11/2006
Terphenyl-d14 (TCLP Surrogate)	95	% [33-138]	8270C	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: 8270C QUALITY CONTROL

Sample No.: 2006040004-4 **Description:** MATRIX SPIKE OF 2006030250-1; TCLP BATCH 4618 **Matrix:** WATER

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
TCLP SEMIVOLATILE ORGANICS				
TCLP SVOCs Batch#/Extraction Date	NA	-----	-----	
Extraction Date-TCLP SVOCs by 8270	4618	-----	3510C	04/04/2006
Total Cresol (TCLP)	91	% [24-118]	8270C	04/12/2006
1,4-Dichlorobenzene (TCLP)	87	% [36-114]	8270C	04/12/2006
2,4-Dinitrotoluene (TCLP)	75	% [26-123]	8270C	04/12/2006
Hexachlorobutadiene (TCLP)	77	% [24-100]	8270C	04/12/2006
Hexachlorobenzene (TCLP)	78	% [15-127]	8270C	04/12/2006
Hexachloroethane (TCLP)	69	% [19-94]	8270C	04/12/2006
Nitrobenzene (TCLP)	85	% [27-101]	8270C	04/12/2006
Pyridine (TCLP)	48	% [10-94]	8270C	04/12/2006
Pentachlorophenol (TCLP)	72	% [20-118]	8270C	04/12/2006
2,4,5-Trichlorophenol (TCLP)	80	% [31-105]	8270C	04/12/2006
2,4,6-Trichlorophenol (TCLP)	81	% [34-103]	8270C	04/12/2006
2-Fluorophenol (TCLP Surrogate)	47	% [10-79]	8270C	04/12/2006
Phenol-d6 (TCLP Surrogate)	35	% [10-92]	8270C	04/12/2006
Nitrobenzene-d5 (TCLP Surrogate)	100	% [37-115]	8270C	04/12/2006
2-Fluorobiphenyl (TCLP Surrogate)	93	% [40-126]	8270C	04/12/2006
2,4,6-Tribromophenol (TCLP Surrogate)	88	% [30-141]	8270C	04/12/2006
Terphenyl-d14 (TCLP Surrogate)	52	% [33-138]	8270C	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: VPH WATER QUALITY CONTROL

Sample No.: 2006030007-33 **Description:** METHOD BLANK, VPH BATCH 8120 **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VPH BY MASSACHUSETTS METHOD				
Total Purgeable Hydrocarbons	<200	ug/l	MDEP-VPH-98	03/31/2006
Benzene	<1	ug/l	MDEP-VPH-98	03/31/2006
Ethylbenzene	<1	ug/l	MDEP-VPH-98	03/31/2006
Methyl-tert-butyl ether	<2	ug/l	MDEP-VPH-98	03/31/2006
Naphthalene	<5	ug/l	MDEP-VPH-98	03/31/2006
Toluene	<1	ug/l	MDEP-VPH-98	03/31/2006
Total Xylenes	<3	ug/l	MDEP-VPH-98	03/31/2006
Unadjusted C5-C8 Aliphatics	<100	ug/l	MDEP-VPH-98	03/31/2006
Unadjusted C9-C12 Aliphatics	<100	ug/l	MDEP-VPH-98	03/31/2006
C5-C8 Aliphatics	<100	ug/l	MDEP-VPH-98	03/31/2006
C9-C12 Aliphatics	<100	ug/l	MDEP-VPH-98	03/31/2006
C9-C10 Aromatics	<20	ug/l	MDEP-VPH-98	03/31/2006
PID Surrogate Recovery	92	% [70-130]	MDEP-VPH-98	03/31/2006
FID Surrogate Recovery	96	% [70-130]	MDEP-VPH-98	03/31/2006
VPH Arom. Batch Number	8120	-----	MDEP-VPH-98	03/31/2006
VPH Aliph. Batch Number	8120	-----	MDEP-VPH-98	03/31/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: VPH WATER QUALITY CONTROL

Sample No.: 2006030007-34 **Description:** LABORATORY CONTROL SAMPLE, VPH BATCH 8120 **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VPH BY MASSACHUSETTS METHOD				
Total Purgeable Hydrocarbons	94	% [70-130]	MDEP-VPH-98	03/31/2006
Benzene	93	% [70-130]	MDEP-VPH-98	03/31/2006
Ethylbenzene	79	% [70-130]	MDEP-VPH-98	03/31/2006
Methyl-tert-butyl ether	91	% [70-130]	MDEP-VPH-98	03/31/2006
Naphthalene	86	% [70-130]	MDEP-VPH-98	03/31/2006
Toluene	93	% [70-130]	MDEP-VPH-98	03/31/2006
Total Xylenes	77	% [70-130]	MDEP-VPH-98	03/31/2006
Unadjusted C5-C8 Aliphatics	104	% [70-130]	MDEP-VPH-98	03/31/2006
Unadjusted C9-C12 Aliphatics	87	% [70-130]	MDEP-VPH-98	03/31/2006
C5-C8 Aliphatics	NA	-----	-----	-----
C9-C12 Aliphatics	NA	-----	-----	-----
C9-C10 Aromatics	99	% [70-130]	MDEP-VPH-98	03/31/2006
PID Surrogate Recovery	103	% [70-130]	MDEP-VPH-98	03/31/2006
FID Surrogate Recovery	96	% [70-130]	MDEP-VPH-98	03/31/2006
VPH Arom. Batch Number	8120	-----	MDEP-VPH-98	03/31/2006
VPH Aliph. Batch Number	8120	-----	MDEP-VPH-98	03/31/2006

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: VPH WATER QUALITY CONTROL

Sample No.: 2006030007-35 **Description:** MATRIX SPIKE OF 2006030258-4, VPH BATCH 8120 **Matrix:** WATER

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VPH BY MASSACHUSETTS METHOD				
Total Purgeable Hydrocarbons	107	% [70-130]	MDEP-VPH-98	03/31/2006
Benzene	103	% [70-130]	MDEP-VPH-98	03/31/2006
Ethylbenzene	88	% [70-130]	MDEP-VPH-98	03/31/2006
Methyl-tert-butyl ether	102	% [70-130]	MDEP-VPH-98	03/31/2006
Naphthalene	101	% [70-130]	MDEP-VPH-98	03/31/2006
Toluene	99	% [70-130]	MDEP-VPH-98	03/31/2006
Total Xylenes	79	% [70-130]	MDEP-VPH-98	03/31/2006
Unadjusted C5-C8 Aliphatics	111	% [70-130]	MDEP-VPH-98	03/31/2006
Unadjusted C9-C12 Aliphatics	103	% [70-130]	MDEP-VPH-98	03/31/2006
C5-C8 Aliphatics	NA	----	-----	-----
C9-C12 Aliphatics	NA	----	-----	-----
C9-C10 Aromatics	101	% [70-130]	MDEP-VPH-98	03/31/2006
PID Surrogate Recovery	124	% [70-130]	MDEP-VPH-98	03/31/2006
FID Surrogate Recovery	122	% [70-130]	MDEP-VPH-98	03/31/2006
VPH Arom. Batch Number	8120	----	MDEP-VPH-98	03/31/2006
VPH Aliph. Batch Number	8120	----	MDEP-VPH-98	03/31/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: VPH WATER QUALITY CONTROL

Sample No.: 2006030007-36 **Description:** DUPLICATE OF 2006030258-6, VPH BATCH 8120 **Matrix:** WATER

Date Received: 03/31/2006

Date Collected: 03/30/2006 **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
VPH BY MASSACHUSETTS METHOD				
Total Purgeable Hydrocarbons	2	RPD [0-50]	MDEP-VPH-98	03/31/2006
Benzene	0	RPD [0-50]	MDEP-VPH-98	03/31/2006
Ethylbenzene	1	RPD [0-50]	MDEP-VPH-98	03/31/2006
Methyl-tert-butyl ether	2	RPD [0-50]	MDEP-VPH-98	03/31/2006
Naphthalene	19	RPD [0-50]	MDEP-VPH-98	03/31/2006
Toluene	0	RPD [0-50]	MDEP-VPH-98	03/31/2006
Total Xylenes	0	RPD [0-50]	MDEP-VPH-98	03/31/2006
Unadjusted C5-C8 Aliphatics	5	RPD [0-50]	MDEP-VPH-98	03/31/2006
Unadjusted C9-C12 Aliphatics	4	RPD [0-50]	MDEP-VPH-98	03/31/2006
C5-C8 Aliphatics	NA	-----	-----	-----
C9-C12 Aliphatics	NA	-----	-----	-----
C9-C10 Aromatics	2	RPD [0-50]	MDEP-VPH-98	03/31/2006
PID Surrogate Recovery	95	% [70-130]	MDEP-VPH-98	03/31/2006
FID Surrogate Recovery	103	% [70-130]	MDEP-VPH-98	03/31/2006
VPH Arom. Batch Number	8120	-----	MDEP-VPH-98	03/31/2006
VPH Aliph. Batch Number	8120	-----	MDEP-VPH-98	03/31/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: EPH WATER QUALITY CONTROL

Sample No.: 2006040006-5 **Description:** METHOD BLANK, BATCH 3983 **Matrix:** WATER

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS AND PAHs IN WATER				
Acenaphthene (SV)	NA	-----	-----	
Anthracene (SV)	NA	-----	-----	
Benzo[a]anthracene (SV)	NA	-----	-----	
Benzo[a]pyrene (SV)	NA	-----	-----	
Benzo[b]fluoranthene (SV)	NA	-----	-----	
Benzo[k]fluoranthene (SV)	NA	-----	-----	
Chrysene (SV)	NA	-----	-----	
Dibenzo[a,h]anthracene (SV)	NA	-----	-----	
Fluoranthene (SV)	NA	-----	-----	
Fluorene (SV)	NA	-----	-----	
Indeno(1,2,3-c,d)pyrene (SV)	NA	-----	-----	
Naphthalene (SV)	NA	-----	-----	
Pyrene (SV)	NA	-----	-----	
C9-C18 Aliphatics	NA	-----	-----	
C19-C36 Aliphatics	NA	-----	-----	
Unadjusted C11-C22 Aromatics	NA	-----	-----	
C11-C22 Aromatics	NA	-----	-----	
Aliphatic Surrogate Recovery	NA	-----	-----	
Aromatic Surrogate Recovery	NA	-----	-----	
Fractionation Surrogate Recovery (FBP)	NA	-----	-----	
Fractionation Surrogate Recovery (BN)	NA	-----	-----	
EPH SCREEN IN WATER				
Batch #/Extract Date - EPH in Water	3983	-----	MDEP-EPH-98	04/06/2006
Total Extractable Hydrocarbons	<200	ug/l	MDEP-EPH-98	04/11/2006
EPH Screen Surrogate Recovery	93	% [40-140]	MDEP-EPH-98	04/11/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: EPH WATER QUALITY CONTROL

Sample No.: 2006040006-6 **Description:** LABORATORY CONTROL SAMPLE, BATCH 3983 **Matrix:** WATER

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS AND PAHs IN WATER				
Acenaphthene (SV)	NA	-----	-----	
Anthracene (SV)	NA	-----	-----	
Benzo[a]anthracene (SV)	NA	-----	-----	
Benzo[a]pyrene (SV)	NA	-----	-----	
Benzo[b]fluoranthene (SV)	NA	-----	-----	
Benzo[k]fluoranthene (SV)	NA	-----	-----	
Chrysene (SV)	NA	-----	-----	
Dibenzo[a,h]anthracene (SV)	NA	-----	-----	
Fluoranthene (SV)	NA	-----	-----	
Fluorene (SV)	NA	-----	-----	
Indeno(1,2,3-c,d)pyrene (SV)	NA	-----	-----	
Naphthalene (SV)	NA	-----	-----	
Pyrene (SV)	NA	-----	-----	
C9-C18 Aliphatics	NA	-----	-----	
C19-C36 Aliphatics	NA	-----	-----	
Unadjusted C11-C22 Aromatics	NA	-----	-----	
C11-C22 Aromatics	NA	-----	-----	
Aliphatic Surrogate Recovery	NA	-----	-----	
Aromatic Surrogate Recovery	NA	-----	-----	
Fractionation Surrogate Recovery (FBP)	NA	-----	-----	
Fractionation Surrogate Recovery (BN)	NA	-----	-----	
EPH SCREEN IN WATER				
Batch #/Extract Date - EPH in Water	3983	-----	MDEP-EPH-98	04/05/2006
Total Extractable Hydrocarbons	66	% [40-140]	MDEP-EPH-98	04/07/2006
EPH Screen Surrogate Recovery	83	% [40-140]	MDEP-EPH-98	04/07/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: EPH WATER QUALITY CONTROL

Sample No.: 2006040006-7 **Description:** MATRIX SPIKE OF 2006030262-5, BATCH 3893 **Matrix:** WATER

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS AND PAHs IN WATER				
Acenaphthene (SV)	NA	-----	-----	
Anthracene (SV)	NA	-----	-----	
Benzo[a]anthracene (SV)	NA	-----	-----	
Benzo[a]pyrene (SV)	NA	-----	-----	
Benzo[b]fluoranthene (SV)	NA	-----	-----	
Benzo[k]fluoranthene (SV)	NA	-----	-----	
Chrysene (SV)	NA	-----	-----	
Dibenzo[a,h]anthracene (SV)	NA	-----	-----	
Fluoranthene (SV)	NA	-----	-----	
Fluorene (SV)	NA	-----	-----	
Indeno(1,2,3-c,d)pyrene (SV)	NA	-----	-----	
Naphthalene (SV)	NA	-----	-----	
Pyrene (SV)	NA	-----	-----	
C9-C18 Aliphatics	NA	-----	-----	
C19-C36 Aliphatics	NA	-----	-----	
Unadjusted C11-C22 Aromatics	NA	-----	-----	
C11-C22 Aromatics	NA	-----	-----	
Aliphatic Surrogate Recovery	NA	-----	-----	
Aromatic Surrogate Recovery	NA	-----	-----	
Fractionation Surrogate Recovery (FBP)	NA	-----	-----	
Fractionation Surrogate Recovery (BN)	NA	-----	-----	
EPH SCREEN IN WATER				
Batch #/Extract Date - EPH in Water	3983	-----	MDEP-EPH-98	04/07/2006
Total Extractable Hydrocarbons	62	% [40-140]	MDEP-EPH-98	04/13/2006
EPH Screen Surrogate Recovery	85	% [40-140]	MDEP-EPH-98	04/13/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY CONTROL

Project No.: 59-100

Project Name: EPH WATER QUALITY CONTROL

Sample No.: 2006040006-8 **Description:** DUPLICATE 2006030262-4, BATCH 3893 **Matrix:** WATER

Date Received: 04/01/2006

Date Collected: ----- **Collected by:** CLIENT

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
EPH FRACTIONS AND PAHs IN WATER				
Acenaphthene (SV)	NA	-----	-----	
Anthracene (SV)	NA	-----	-----	
Benzo[a]anthracene (SV)	NA	-----	-----	
Benzo[a]pyrene (SV)	NA	-----	-----	
Benzo[b]fluoranthene (SV)	NA	-----	-----	
Benzo[k]fluoranthene (SV)	NA	-----	-----	
Chrysene (SV)	NA	-----	-----	
Dibenzo[a,h]anthracene (SV)	NA	-----	-----	
Fluoranthene (SV)	NA	-----	-----	
Fluorene (SV)	NA	-----	-----	
Indeno(1,2,3-c,d)pyrene (SV)	NA	-----	-----	
Naphthalene (SV)	NA	-----	-----	
Pyrene (SV)	NA	-----	-----	
C9-C18 Aliphatics	NA	-----	-----	
C19-C36 Aliphatics	NA	-----	-----	
Unadjusted C11-C22 Aromatics	NA	-----	-----	
C11-C22 Aromatics	NA	-----	-----	
Aliphatic Surrogate Recovery	NA	-----	-----	
Aromatic Surrogate Recovery	NA	-----	-----	
Fractionation Surrogate Recovery (FBP)	NA	-----	-----	
Fractionation Surrogate Recovery (BN)	NA	-----	-----	
EPH SCREEN IN WATER				
Batch #/Extract Date - EPH in Water	3983	-----	MDEP-EPH-98	04/06/2006
Total Extractable Hydrocarbons	0	RPD [0-50]	MDEP-EPH-98	04/12/2006
EPH Screen Surrogate Recovery	85	% [40-140]	MDEP-EPH-98	04/12/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8151A WATER QUALITY CONTROL

Sample No.: 2006010019-9 **Description:** METHOD BLANK **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
HERBICIDES IN WATER				
Batch #/Extract Date - Method 8151A (Water)	2689	-----	8151A	03/30/2006
2 4-D	<0.001	mg/l	8151A	04/18/2006
2 4-DB	<0.005	mg/l	8151A	04/24/2006
Dalapon	<0.003	mg/l	8151A	04/18/2006
Dicamba	<0.002	mg/l	8151A	04/18/2006
Dichlorprop	<0.005	mg/l	8151A	04/18/2006
Dinoseb	<0.001	mg/l	8151A	04/18/2006
MCPA	<0.5	mg/l	8151A	04/24/2006
MCPP	<0.5	mg/l	8151A	04/24/2006
Pentachlorophenol	<0.00005	mg/l	8151A	04/18/2006
Picloram	<0.001	mg/l	8151A	04/18/2006
2 4 5-T	<0.005	mg/l	8151A	04/18/2006
2 4 5-TP	<0.0001	mg/l	8151A	04/18/2006
DCAA (Surrogate)	88	% [32-158]	8151A	04/18/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8151A WATER QUALITY CONTROL

Sample No.: 2006010019-10 **Description:** LABORATORY CONTROL SAMPLE **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** LABORATORY

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
HERBICIDES IN WATER				
Batch #/Extract Date - Method 8151A (Water)	2689	-----	8151A	03/30/2006
2 4-D	109	% [48-214]	8151A	04/18/2006
2 4-DB	NA	-----	-----	-----
Dalapon	70	% [40-160]	8151A	04/18/2006
Dicamba	77	% [38-232]	8151A	04/18/2006
Dichlorprop	90	% [46-168]	8151A	04/18/2006
Dinoseb	69	% [10-85]	8151A	04/18/2006
MCPA	NA	-----	-----	-----
MCPP	NA	-----	-----	-----
Pentachlorophenol	85	% [36-224]	8151A	04/18/2006
Picloram	116	% [44-138]	8151A	04/18/2006
2 4 5-T	98	% [42-226]	8151A	04/18/2006
2 4 5-TP	95	% [68-166]	8151A	04/18/2006
DCAA (Surrogate)	93	% [32-158]	8151A	04/18/2006

Northern Analytical Laboratories, Inc.

Client Name: QUALITY ASSURANCE

Project No.: 59-100

Project Name: 8151A WATER QUALITY CONTROL

Sample No.: 2006010019-11 **Description:** LABORATORY CONTROL SAMPLE DUPLICATE **Matrix:** WATER

Date Received: -----

Date Collected: ----- **Collected by:** PREPARED BY LAB

Laboratory Test	Measured Value	Test Units	Test Method	Date of Analysis
HERBICIDES IN WATER				
Batch #/Extract Date - Method 8151A (Water)	2689	-----	8151A	03/30/2006
2 4-D	12	RPD [0-20]	8151A	04/18/2006
2 4-DB	NA	-----	-----	-----
Dalapon	36 (3)	RPD [0-20]	8151A	04/18/2006
Dicamba	1	RPD [0-20]	8151A	04/18/2006
Dichlorprop	8	RPD [0-20]	8151A	04/18/2006
Dinoseb	30 (3)	RPD [0-20]	8151A	04/18/2006
MCPA	NA	-----	-----	-----
MCPP	NA	-----	-----	-----
Pentachlorophenol	3	RPD [0-20]	8151A	04/18/2006
Picloram	15	RPD [0-20]	8151A	04/18/2006
2 4 5-T	18	RPD [0-20]	8151A	04/18/2006
2 4 5-TP	7	RPD [0-20]	8151A	04/18/2006
DCAA (Surrogate)	89	% [32-158]	8151A	04/18/2006

Olympus Technical Services, Inc.
Billings, MT • Boise, ID • Havre, MT • Helena, MT

Billings, Montana: 547 S. 20th St. West, 59102 — Phone (406) 245-3554 Fax (406) 245-3555
Boise, Idaho: 5956 West Victory Road, 83709 — Phone (208) 562-5500 Fax (208) 562-5503
Helena, Montana, 765 Colleen, 59601 — Phone (406) 443-3087 Fax (406) 443-0232

CHAIN OF CUSTODY RECORD

CLIENT/PROJECT NAME: DEQ / STIMPSON POND
LOCATION: BONNER, IDAHO
SAMPLER (PRINT): FRITZ DURHAM

REPORT RESULTS TO: ALAN STONE
- [ ] Billings, Montana
- [ ] Boise, Idaho
- [x] Helena, Montana

SAMPLER (SIGNATURE): R R

WORK ORDER No.: A1534
LOGBOOK No.: A1534 - FED
CUSTODY SEAL No.: FED032906

ANALYSES REQUESTED

2006
030242

Sample Identification	Date	Time	Sample Matrix	Container Type	No. of Containers	Preservative	Laboratory Sample Identification	Semi Volatile Organic Compounds SW 8270	Organochlorine Pesticides SW 8081A	Total Metals 8010	HOLD			COMMENTS
METALS [redacted]	3/29/06	1400	WATER	500ML PLASTIC	1	NITRIC					X			HOLD FOR ANALYSES
PESTICIDE	↓	↓	↓	1 LITER AMBER	1	NONE		X			X			REQUEST FROM
HERBICIDE	↓	↓	↓	1 LITER AMBER	1	NONE					X			OLYMPUS
EPH	↓	↓	↓	1 LITER AMBER	1	HCL					X			— /
SVOC	↓	↓	↓	1 LITER AMBER	1	NONE		X			X			
VOC/VPH	↓	↓	↓	40ML AMBER VIALS	6	HCL					X			
mw 3/30/06														MS - 2
														MSD - 3
														MB - 4
														LCS - 5

pH, ch, TAL Metals
VPH, EPH, [redacted]
Pest, PCB Herb

JP 3/31/06

Relinquished by (Print)	Date	Time	Relinquished by (Signature)	Received by (Print)	Date	Time	Received by (Signature)
FRITZ DURHAM	3/29/06	1800	R R TO GREYHOUND				
Bus	3/30/06			KA Smit	3/30/06	0830	[signature]

ANALYTICAL LABORATORY
Name: NORTHERN ANALYTICAL LABORATORY
Address: 602 SOUTH 25th STREET
BILLINGS, MONTANA 59101
Phone: 406-254-7226

COMMENTS/REQUESTS
HOLD ALL SAMPLES PER ANALYSES REQUEST FROM OLYMPUS TECHNICAL SERVICES.

Return Cooler to: NA

LABORATORY RECEIVING INFORMATION
Proceed with all but TCLP and reactivity

Page 1 of 1

NORTHERN
Analytical Laboratories, Inc.

SAMPLE RECEIPT CHECKLIST

Dear Valued Client: This checklist documents the condition of your sample(s) as it (they) arrived at our lab. Please review it and familiarize yourself with its contents. Should you have any questions or comments, please contact us. Thank you for your use of our services.

Client Name: OlympusTech
Date/Time Received: 3/30/06 0830 (Date / Time)
Project: DEQ - Stimson
Received by: KS
Laboratory Number(s): 030241 & 242
Carrier Name: Bus
Checklist Completed by: MW 3/30/06 (Initials / Date)
Sample Type: H2O / Soil

	YES	NO
1. Shipping container in good condition?	✓	
2. Custody seals present on shipping container? Condition: Intact ✗ Broken ___	✓	
3. Chain of custody present?	✓	
4. Chain of custody signed when relinquished and received?	✓	
5. Chain of custody agrees with sample labels?	✓	
6. Custody seals on sample bottles? Condition: Intact ___ Broken ___		✓
7. Samples in proper container/bottle?*	✓	
8. Sample containers intact?*	✓	
9. Sufficient sample volume for indicated test?*	✓	
10. Ice/Frozen Blue Ice present in shipping container? (circle one)	✓	
container temperature 1. 4.2C 2. 3.0C 3. 3.2C * (if <0 or>10)		
11. All samples rec'd within holding time?*	✓	
12. VOA vials have zero headspace? * (if contains >5mm headspace)	✓	
13. Trip Blank received?		✓

	YES	NO
14. pH check performed by: _____		
15. Metals bottle(s) pH <2?	✓	
16. Nutrient bottle(s) pH <2?	NA	
17. Cyanide bottle(s) pH >12?		
18. Sulfide bottle(s) pH >9?		
19. TOC bottle(s) pH <2?		
20. Phenolics bottle(s) pH <2?		
21. Oil & grease bottle(s) pH <2? (checked by analyst)		
22. EPH/DRO bottle(s) pH <2? (checked by analyst)	✓	
23. Volatiles (VOA) pH <2? (checked by analyst)	✓	
24. Semivolatiles (525) pH <2? (checked by analyst)	NA	
25. Other test types	NA	
26. Client contacted?	✓	
27. Person contacted	faxed COC & Check List	
28. Date contacted	3/30/06 @ 10:20 MW	

NOTES: **Samples may be affected when not transported at the temperature recommended by the EPA for the test you've selected. Please contact the lab if you have concerns about the temperature of your samples.**

*** Critical item - if marked "NO" contact lab manager.**

COMMENTS: _____

Data File C:\HPCHEM\1\DATA\040106\PID00025.D

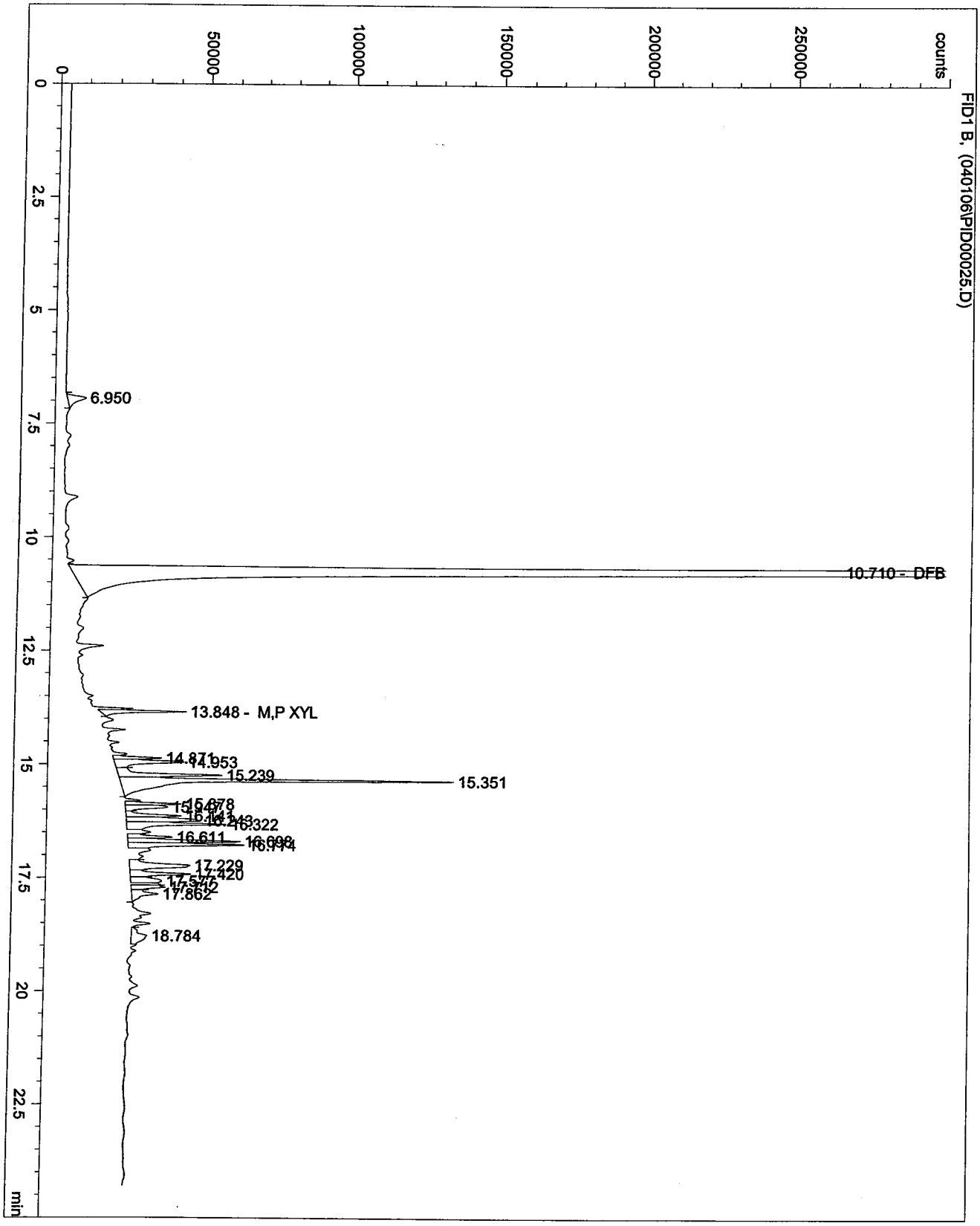
Injection Date : 3/31/06 11:35:59 PM
Sample Name :
Acq. Operator : LD

Vial : 1

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M
Last changed : 2/13/06 3:29:28 PM by LD
Analysis Method : C:\HPCHEM\1\METHODS\090105LD.M
Last changed : 4/3/06 7:00:16 AM by LD
(modified after loading)

Lab # 30242-1
VPH Aromatics



Data File C:\HPCHEM\1\DATA\040106\FID00025.D

==========

Injection Date : 3/31/06 11:35:59 PM

Sample Name :

Vial : 2

Acq. Operator : LD

Inj Volume : Manually

Acq. Method : C:\HPCHEM\1\METHODS\VPHRUN.M

Last changed : 2/13/06 3:29:28 PM by LD

Analysis Method : C:\HPCHEM\1\METHODS\VPH.M

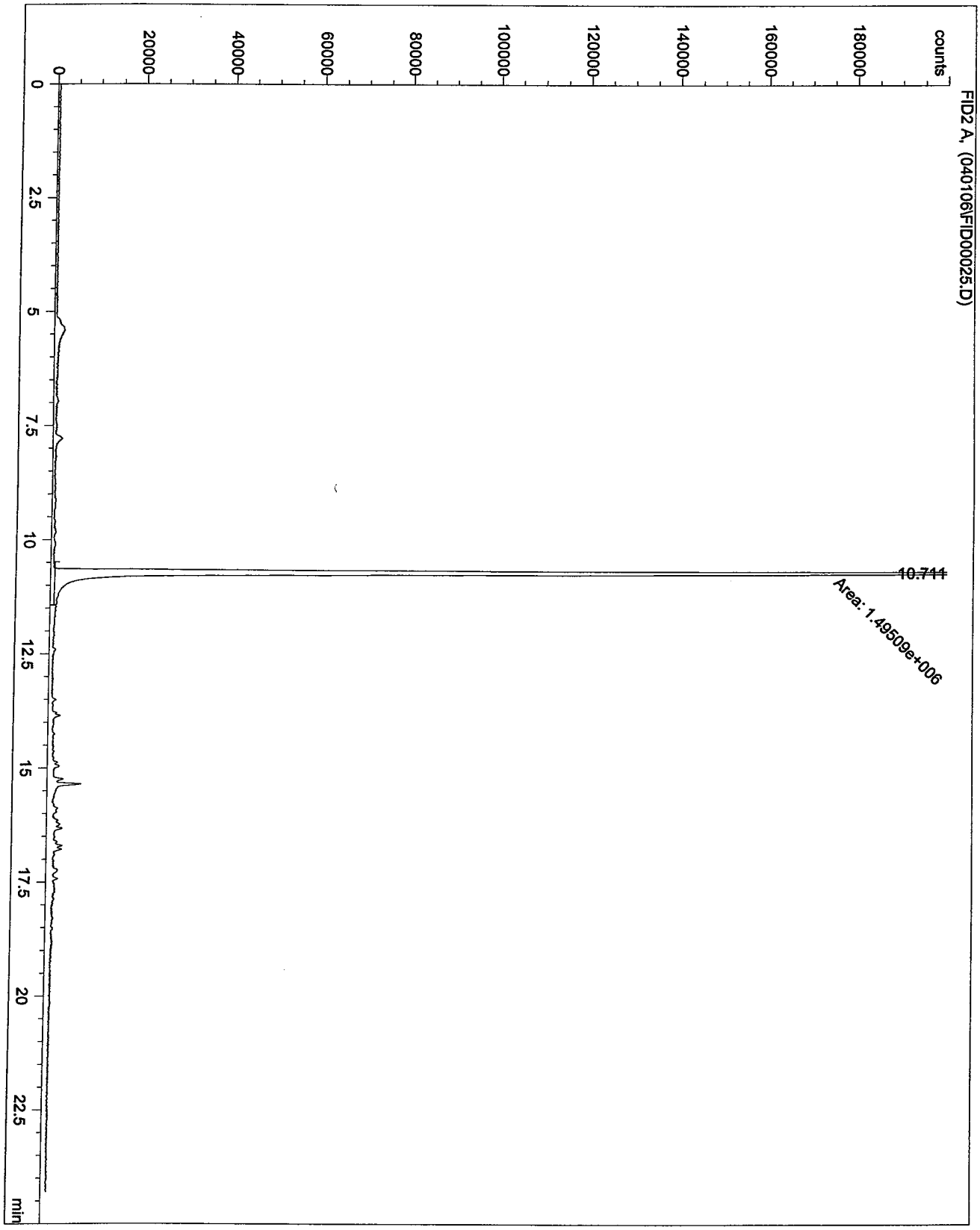
Last changed : 4/3/06 7:07:40 AM by LD

(modified after loading)

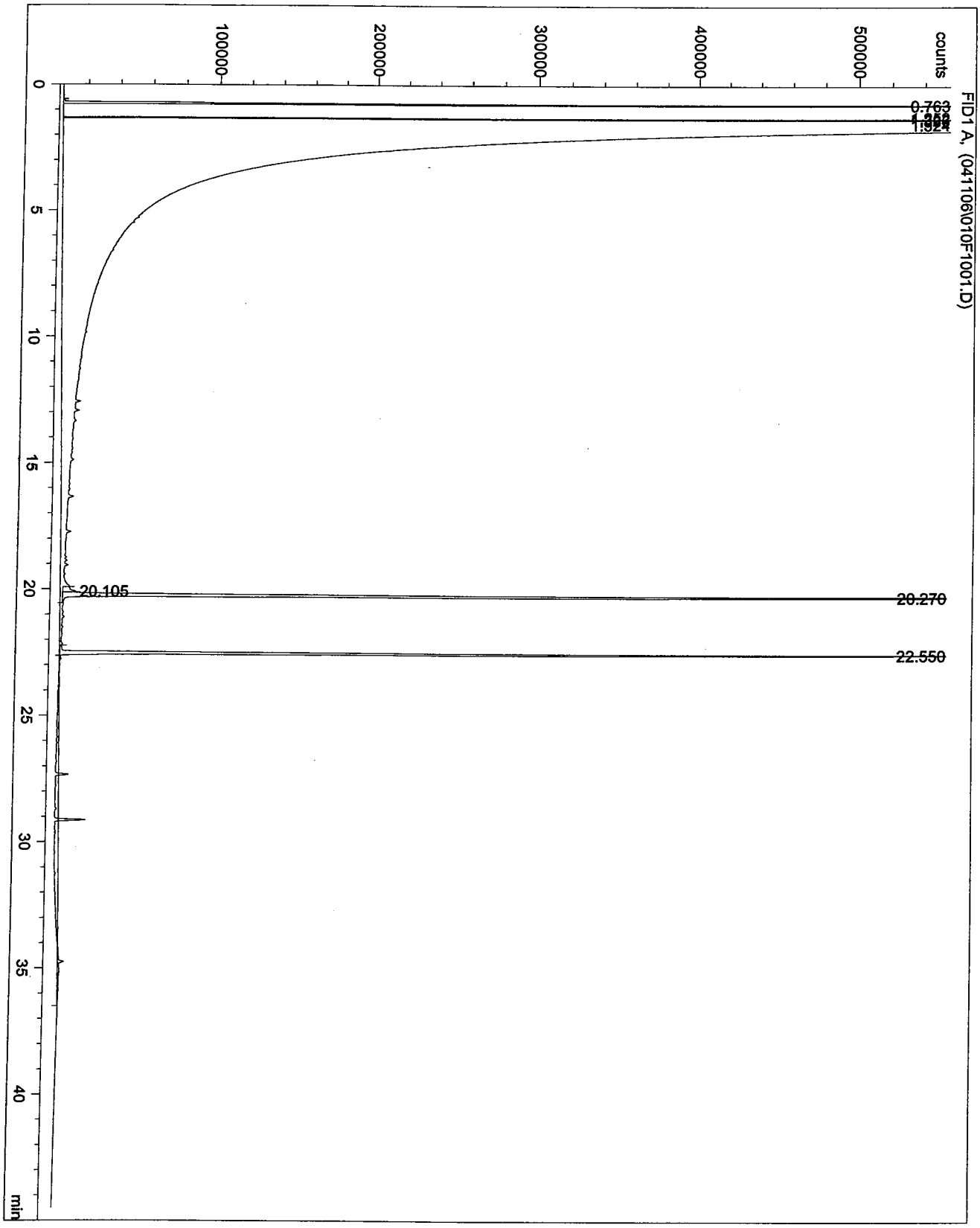
==========

Lab # 30242-1

VPH Aliphatics



Injection Date	: 4/11/06 10:26:17 PM	Seq. Line :	10
Sample Name	: 30242-1 EPH	Vial :	10
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/12/06 7:22:01 AM by CJONES (modified after loading)		



NORTHERN
Analytical Laboratories, Inc.

602 South 25th Street
P O Box 30315
Billings, MT 59101
Telephone: (406) 254-7226
Fax: (406) 254-1389

REPORT TO:	ATTN: KEITH LARGE MONTANA DEPT. OF ENVIRONMENTAL QUALITY P.O. BOX 200901 HELENA, MT 59620-0901	**DATE:** **JOB NUMBER:** **PAGE:** **INVOICE NO.:**	May 3, 2006 90-933-19 1 of 1 6030241A

REPORT OF: Soil Analysis – Stimson Pond

CASE NARRATIVE:

On March 30 and 31, 2006 these soil samples (laboratory numbers 2006030241-1 through -22) were received in our laboratory for analysis. The condition of the samples upon receipt at the laboratory is noted on the attached sample receipt checklist. Chain of custody documentation is enclosed. Instructions for compositing and analysis of samples were provided on April 3, 2006. Tests were conducted in general accordance with SW-846 *"Test Methods for Evaluating Solid Waste"*, 3rd Edition with updates I II, IIA, IIB, III; Massachusetts Department of Environmental Protection *"Method for the Determination of Volatile Petroleum Hydrocarbons (VPH)"* and *"Method for the Determination of Extractable Petroleum Hydrocarbons (EPH)"*; Western States Laboratory Proficiency Testing Program, *"Soil and Plant Analytical Methods"* and *"Standard Methods for the Examination of Water and Wastewater"*, 18th Edition.

The results of the analysis are given in a separate report. At the client's request, chromatograms generated in the EPH analysis were compared to reference chromatograms prepared using the same chromatographic conditions. The reference chromatograms were prepared using known petroleum fuels and petroleum products. The comparison was made in order to identify the source of the petroleum present in the samples collected from the project site.

Our review of the sample chromatograms as compared to the references results in the following professional opinion. The hydrocarbons present in the samples from this site have boiling points in the range of lubricating and hydraulic oils. The boiling point ranges of the hydrocarbons are not entirely consistent with those of the components of hydraulic and lubricating oil references but they are greatly different than the boiling point ranges of the hydrocarbons present in unleaded gasoline, Stoddard solvent, JP-4, jet fuel A, #1,2 4 or 5 diesel fuel, weathered #2 diesel fuel and a crude oil. The series of peaks eluting in the 20 to 24 minute range are attributable to the polychlorinated biphenyls present in the samples.

Prepared by _____
Kathleen A. Smit Laboratory Manager

Reviewed by _____
Denise Jensen / Quality Assurance Coordinator

PDF To: Al Stine, Olympus Technical Services
Fritz Durham, Olympus Technical Services

Attachments: Chain of Custody (3)
Compositing Instructions
Chromatograms
Sample receipt checklists (2)

As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of our clients and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval. Test results apply specifically to the samples tested only. The entire report shall not be reproduced, except in full, without the written approval of the laboratory. Samples will be disposed of after testing is completed unless other arrangements are agreed to in writing.

Olympus Technical Services, Inc.
Billings, MT • Boise, ID • Havre, MT • Helena, MT

Billings, Montana: 547 S. 20th St. West, 59102 — Phone (406) 245-3554 Fax (406) 245-3555
Boise, Idaho: 5956 West Victory Road, 83709 — Phone (208) 562-5500 Fax (208) 562-5503
Helena, Montana, 765 Colleen, 59601 — Phone (406) 443-3087 Fax (406) 443-0232

CHAIN OF CUSTODY RECORD

CLIENT/PROJECT NAME: DEQ/STIMPSON COOLING POND

LOCATION: BONNER, MONTANA

SAMPLER (PRINT): FRITZ DURHAM

REPORT RESULTS TO: ALAN STONE

- [ ] Billings, Montana
- [ ] Boise, Idaho
- [x] Helena, Montana

SAMPLER (SIGNATURE): [signature]

WORK ORDER No.: A1534

LOGBOOK No.: A1534-F&D

CUSTODY SEAL No.: FED 032906

ANALYSES REQUESTED

order # is correct 2006 030241 5/4/06

Sample Identification	Date	Time	Sample Matrix	Container Type	No. of Containers	Preservative	Laboratory Sample Identification	Hold						COMMENTS
B1-S-1	3/28/06	1155	SOIL	8-OZ JAR, TEFLON LID	3	NONE								1
B1-S-2	↓	1230	↓	↓	3	↓								HOLD FOR ANALYSES 2
B1-S-3	↓	1315	↓	↓	1	↓								REQUEST FROM OLYMPUS 3
B1-S-4	↓	1335	↓	↓	1	↓								4
B2-S-1	3/29/06	0850	↓	↓	3	↓								5
B2-S-2	3/29/05	0910	↓	↓	3	↓								6
B2-S-3	3/29/05	0955	↓	↓	3	↓								7
B2-S-4	3/29/05	1010	↓	↓	2	↓		↓						8

See 3/31/06 set of CofC

Relinquished by (Print)	Date	Time	Relinquished by (Signature)	Received by (Print)	Date	Time	Received by (Signature)
FRITZ DURHAM	3/29/06	1800	[signature] TO GREYHOUND				
Bus	3/30/06			KAsmit	3/30/06	0830	KASMIT

ANALYTICAL LABORATORY
Name: NORTHERN ANALYTICAL LABORATORIES, INC.
Address: 602 SOUTH 25th STREET, BILLINGS, MONTANA 59101
Phone: 406-254-7226

COMMENTS/REQUESTS

Return Cooler to: MA

LABORATORY RECEIVING INFORMATION

Page 1 of 1

Olympus Technical Services, Inc.
Billings, MT • Boise, ID • Havre, MT • Helena, MT

Billings, Montana: 547 S. 20th St. West, 59102 — Phone (406) 245-3554 Fax (406) 245-3555
Boise, Idaho: 5956 West Victory Road, 83709 — Phone (208) 562-5500 Fax (208) 562-5503
Helena, Montana, 765 Colleen, 59601 — Phone (406) 443-3087 Fax (406) 443-0232

CHAIN OF CUSTODY RECORD

CLIENT/PROJECT NAME: DEQ/STIMPSON COOLING POND
LOCATION: BONNER, MONTANA
SAMPLER (PRINT): FRITZ DURHAM

REPORT RESULTS TO: ALAN STINE
- [ ] Billings, Montana
- [ ] Boise, Idaho
- [x] Helena, Montana

SAMPLER (SIGNATURE): [signature]

WORK ORDER No.: A1534
LOGBOOK No.: A1534-FED
CUSTODY SEAL No.: FED032906

ANALYSES REQUESTED

order # 2006 030241 5/4/06

Sample Identification	Date	Time	Sample Matrix	Container Type	No. of Containers	Preservative	Laboratory Sample Identification	HOLD						COMMENTS
B3-S-1	3/29/06	1255	SOIL	8-OZ TAR TEFLON LID	3	NONE		X						9
B3-S-2	↓	1325	↓	↓	3	↓		X						HOLD PENDING 10
B3-S-3	↓	1345	↓	↓	2	↓		X						ANALYSIS REQUEST 11
B3-S-4	↓	1420	↓	↓	2	↓		X						FROM OLYMPUS 12
B3-S-5	↓	1440	↓	↓	2	↓		X						13

Use 3/31/06 set of CofC

Relinquished by (Print)	Date	Time	Relinquished by (Signature)	Received by (Print)	Date	Time	Received by (Signature)
FRITZ DURHAM	3/29/06	1800	[signature] TO GREYHOUND				
Bus	3/30/06			KA Smit	3/30/06	0830	[signature]

ANALYTICAL LABORATORY
Name: NORTHERN ANALYTICAL LABORATORIES, INC.
Address: 60 SOUTH 25th STREET, BILLINGS, MONTANA 59101
Phone: 406-425-7226

COMMENTS/REQUESTS
HOLD SAMPLES FOR ANALYSES REQUEST FROM OLYMPUS.

Return Cooler to: NA

LABORATORY RECEIVING INFORMATION

Page 1 of 1

Olympus Technical Services, Inc.
Billings, MT • Boise, ID • Havre, MT • Helena, MT

Billings, Montana: 547 S. 20th St. West, 59102 — Phone (406) 245-3554 Fax (406) 245-3555
Boise, Idaho: 5956 West Victory Road, 83709 — Phone (208) 562-5500 Fax (208) 562-5503
Helena, Montana, 765 Colleen, 59601 — Phone (406) 443-3087 Fax (406) 443-0232

CHAIN OF CUSTODY RECORD

CLIENT/PROJECT NAME: DEQ / STIMPSON POND

LOCATION: BONNER, MONTANA

SAMPLER (PRINT): FRIZ DURHAM

REPORT RESULTS TO: ALAN STINE

- [ ] Billings, Montana
- [ ] Boise, Idaho
- [x] Helena, Montana

SAMPLER (SIGNATURE): [signature]

WORK ORDER No.: A1534

LOGBOOK No.: A1534-FED

CUSTODY SEAL No.: FED 033006

ANALYSES REQUESTED: 2006 030241

Sample Identification	Date	Time	Sample Matrix	Container Type	No. of Containers	Preservative	Laboratory Sample Identification	COMMENTS
B4-S-1	3/30/06	0845	SOIL	8-OZ JARS, TEFLON LID	3	NONE		HOLD FOR ANALYSES
B4-S-2	↓	0910	↓	↓	3	NONE		REQUEST FROM OLYMPUS.
B4-S-3	↓	0930	↓	↓	3	NONE		
B4-S-4	↓	0945	↓	↓	3	NONE		
B4-S-5	↓	0955	↓	↓	3	NONE		
B4-S-6	↓	1040	↓	↓	2	NONE		
B4-S-7	↓	1055	↓	↓	1	NONE		
B4-S-8	↓	1105	↓	↓	1	NONE		

USI 3/31/06 set of C of C

Relinquished by (Print)	Date	Time	Relinquished by (Signature)	Received by (Print)	Date	Time	Received by (Signature)
FRIZ DURHAM	3/30/06	1700.	[signature] TO GREYHOUND.				
Relinquished by (Print)	Date	Time	Relinquished by (Signature)	Received by (Print)	Date	Time	Received by (Signature)

ANALYTICAL LABORATORY
Name: NORTHERN ANALYTICAL LABORATORIES
Address: 602 SOUTH 25th STREET
BILLINGS, MONTANA 59101
Phone: 406-~~234~~-7226

COMMENTS/REQUESTS
ANALYSES REQUESTS ON ACCOMPANYING CHAIN OF CUSTODY (2).

Return Cooler to: NA

LABORATORY RECEIVING INFORMATION
[signature] 3/31/06 0830
BUS

Page 1 of 1

Lab# 2006030241

		A	B	C	D	
1	B1-S-1	x				✓
2	B1-S-2			x		✓
3	Comp. B1-S-2, B1-S-3, & B1-S-4		x			✓
4	Comp. B1-S-1, B1-S-2, B1-S-3, B1-S-4				x	✓
5	B2-S-1	x				✓
6	B2-S-2	x				✓
7	B2-S-3			x		✓
8	Comp. B2-S-3, B2-S-4		x			✓
9	Comp. B2-S-1, B2-S-2, B2-S-3, B2-S-4				x	✓
10	B3-S-1	x				✓
11	B3-S-2	x				✓
12	Comp. B3-S-4, B3-S-5		x			✓
13	B3-S-5			x		✓
14	Comp. B3-S-1, B3-S-2, B3-S-3, B3-S-4, B3-S-5				x	✓
15	B4-S-1	x				✓
16	B4-S-2	x				✓
17	B4-S-3	x				✓
18	B4-S-4	x				✓
19	B4-S-5	x				✓
20	B4-S-6			x		✓
21	Comp. B4-S-6, B4-S-7, B4-S-8		x			✓
22	Comp. B4-S-1, B4-S-2, B4-S-3, B4-S-4, B4-S-5, B4-S-6, B4-S-7, B4-S-8				x	✓
	Analytical Suite A - Total Metals, Herbicides, Pesticides, PCBs, VOCs, VPH, TEH Screen, EPH, SVOCs, Eh, pH					
	Analytical Suite B - Total Metals, Herbicides, Pesticides, PCBs, TEH Screen, EPH, SVOCs, eH, pH					
	Analytical Suite C- VPH, VOCs					
	Analytical Suite D - TCLP Metals, TCLP SVOCs, TCLP VOCs, TCLP Pesticides, TCLP Herbicides, Reactivity					

23 MS #1
24 MSD #1
25 Dup #3
26 MS #22
27 Ext Blk
28 MB
29 LCS

23 MS of #1
24 MSD of #1
25 MS of #22
26 Ext Blk
27 MB
28 LCS

6/4/06

NORTHERN
Analytical Laboratories, Inc.

SAMPLE RECEIPT CHECKLIST

Dear Valued Client: This checklist documents the condition of your sample(s) as it (they) arrived at our lab. Please review it and familiarize yourself with its contents. Should you have any questions or comments, please contact us. Thank you for your use of our services.

Client Name: OlympusTech
Project: DEQ - Stimson
Laboratory Number(s): 030241 & 242
Checklist Completed by: MW 3/30/06 (Initials / Date)

Date/Time Received: 3/30/06 0830 (Date / Time)
Received by: KS
Carrier Name: Bus
Sample Type: H2O / Soil

	YES	NO
1. Shipping container in good condition?	✓	
2. Custody seals present on shipping container? Condition: Intact ✗ Broken ____	✓	
3. Chain of custody present?	✓	
4. Chain of custody signed when relinquished and received?	✓	
5. Chain of custody agrees with sample labels?	✓	
6. Custody seals on sample bottles? Condition: Intact ____ Broken ____		✓
7. Samples in proper container/bottle?*	✓	
8. Sample containers intact?*	✓	
9. Sufficient sample volume for indicated test?*	✓	
10. Ice/Frozen Blue Ice present in shipping container? (circle one)	✓	
container temperature 1. 4.2C 2. 3.0C 3. 3.2C * (if <0 or>10)		
11. All samples rec'd within holding time?*	✓	
12. VOA vials have zero headspace? * (if contains >5mm headspace)	✓	
13. Trip Blank received?		✓

	YES	NO
14. pH check performed by: _____		
15. Metals bottle(s) pH <2?	✓	
16. Nutrient bottle(s) pH <2?	NA	
17. Cyanide bottle(s) pH >12?		
18. Sulfide bottle(s) pH >9?		
19. TOC bottle(s) pH <2?		
20. Phenolics bottle(s) pH <2?		
21. Oil & grease bottle(s) pH <2? (checked by analyst)		
22. EPH/DRO bottle(s) pH <2? (checked by analyst)	✓	
23. Volatiles (VOA) pH <2? (checked by analyst)	✓	
24. Semivolatiles (525) pH <2? (checked by analyst)	NA	
25. Other test types	NA	
26. Client contacted?	✓	
27. Person contacted	faxed CofC & Check List	
28. Date contacted	3/30/06 @ 10:20 MW	

NOTES: **Samples may be affected when not transported at the temperature recommended by the EPA for the test you've selected. Please contact the lab if you have concerns about the temperature of your samples.**

*** Critical item - if marked "NO" contact lab manager.**

COMMENTS: _____

NORTHERN
Analytical Laboratories, Inc.

SAMPLE RECEIPT CHECKLIST

Dear Valued Client: This checklist documents the condition of your sample(s) as it (they) arrived at our lab. Please review it and familiarize yourself with its contents. Should you have any questions or comments, please contact us. Thank you for your use of our services.

Client Name: Olympus / MDEQ
Date/Time Received: 3/31/06 0830 (Date / Time)
Project: Stimpson
Received by: SS
Laboratory Number(s): 030241
Carrier Name: Bus
Checklist Completed by: MW 5/4/06 (Initials / Date)
Sample Type: ~~H2O~~ / Soils MW

	YES	NO
1. Shipping container in good condition?	✓	
2. Custody seals present on shipping container? Condition: Intact ____ Broken ____	✓	
3. Chain of custody present?	✓	
4. Chain of custody signed when relinquished and received?	✓	
5. Chain of custody agrees with sample labels?	✓	
6. Custody seals on sample bottles? Condition: Intact ____ Broken ____		✓
7. Samples in proper container/bottle?*	✓	
8. Sample containers intact?*	✓	
9. Sufficient sample volume for indicated test?*	✓	
10. Ice/Frozen Blue Ice present in shipping container? (circle one) rec on ice; no cooler temp available; container temperature 1.____ 2.____ 3.____ MW 5/4/06; * (if <0 or>10)		
11. All samples rec'd within holding time?*	✓	
12. VOA vials have zero headspace? * (if contains >5mm headspace)	NA	
13. Trip Blank received?		

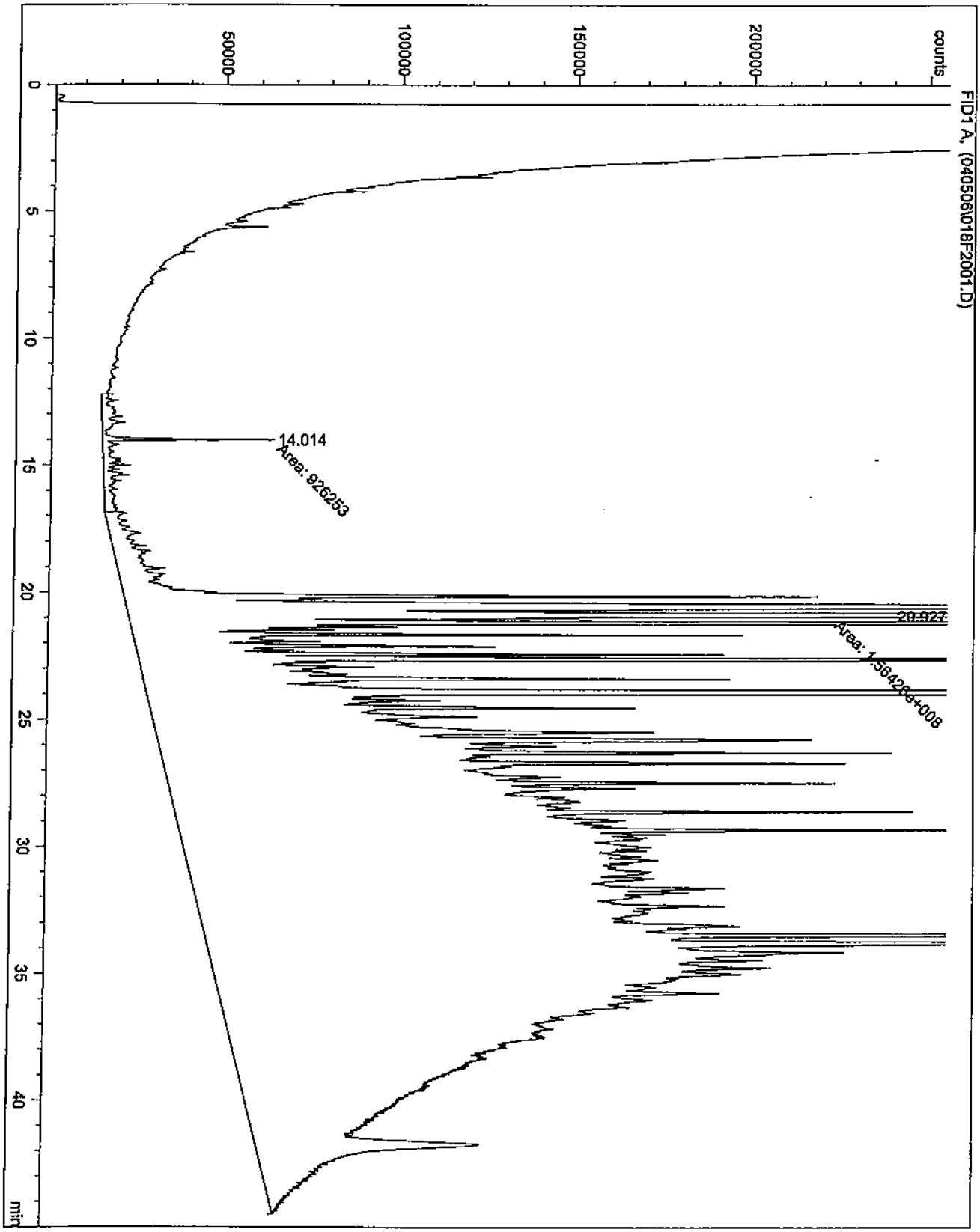
	YES	NO
14. pH check performed by: ____		
15. Metals bottle(s) pH <2?	NA	
16. Nutrient bottle(s) pH <2?		
17. Cyanide bottle(s) pH >12?		
18. Sulfide bottle(s) pH >9?		
19. TOC bottle(s) pH <2?		
20. Phenolics bottle(s) pH <2?		
21. Oil & grease bottle(s) pH <2? (checked by analyst)		
22. EPH/DRO bottle(s) pH <2? (checked by analyst)		
23. Volatiles (VOA) pH <2? (checked by analyst)		
24. Semivolatiles (525) pH <2? (checked by analyst)		
25. Other test types		
26. Client contacted?		
27. Person contacted		
28. Date contacted		

NOTES: **Samples may be affected when not transported at the temperature recommended by the EPA for the test you've selected. Please contact the lab if you have concerns about the temperature of your samples.**

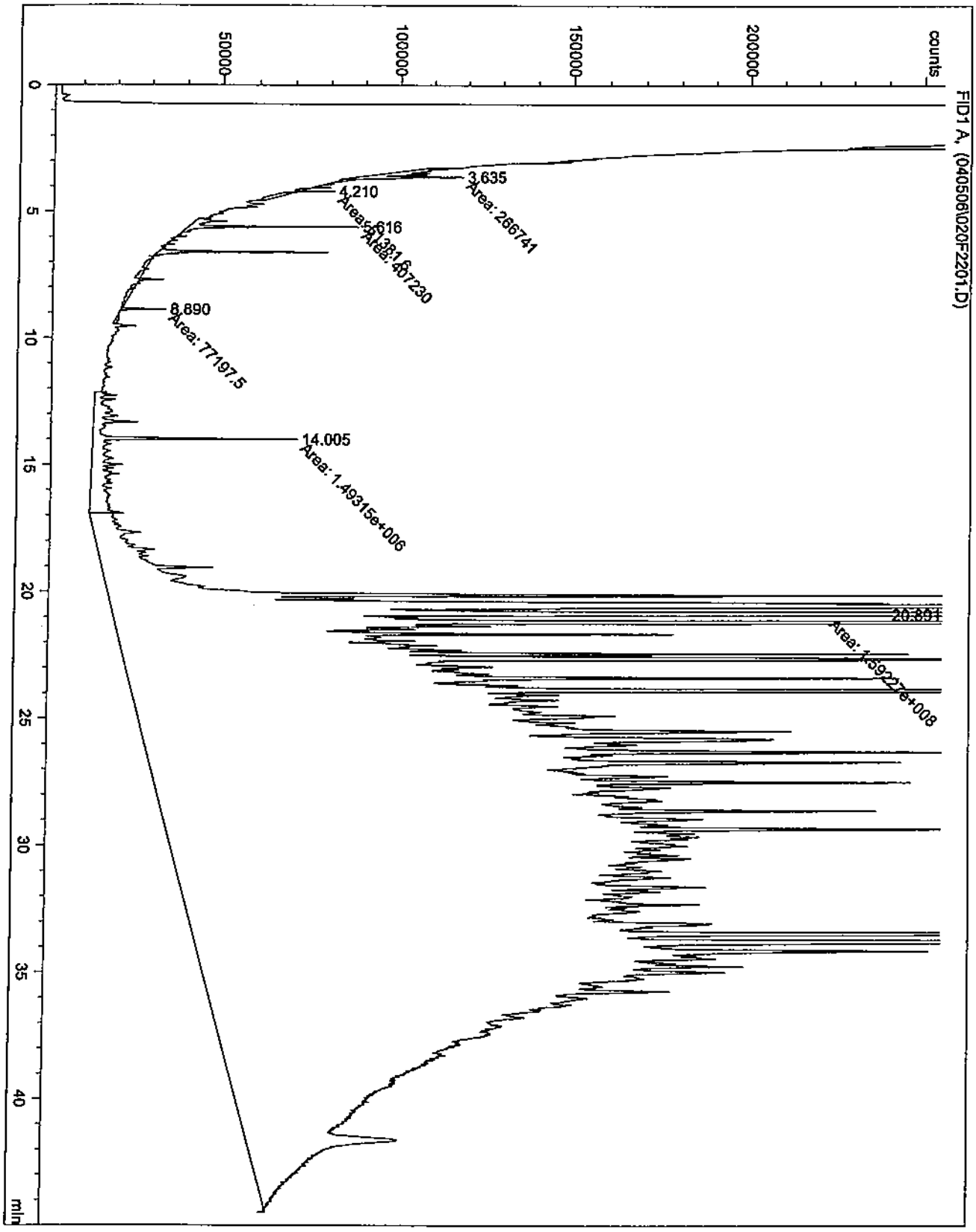
*** Critical item - if marked "NO" contact lab manager.**

COMMENTS: original receipt checklist has been lost

Injection Date	: 4/6/06 9:20:04 AM	Seq. Line :	20
Sample Name	: 30241-1 EPH	Vial :	18
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		

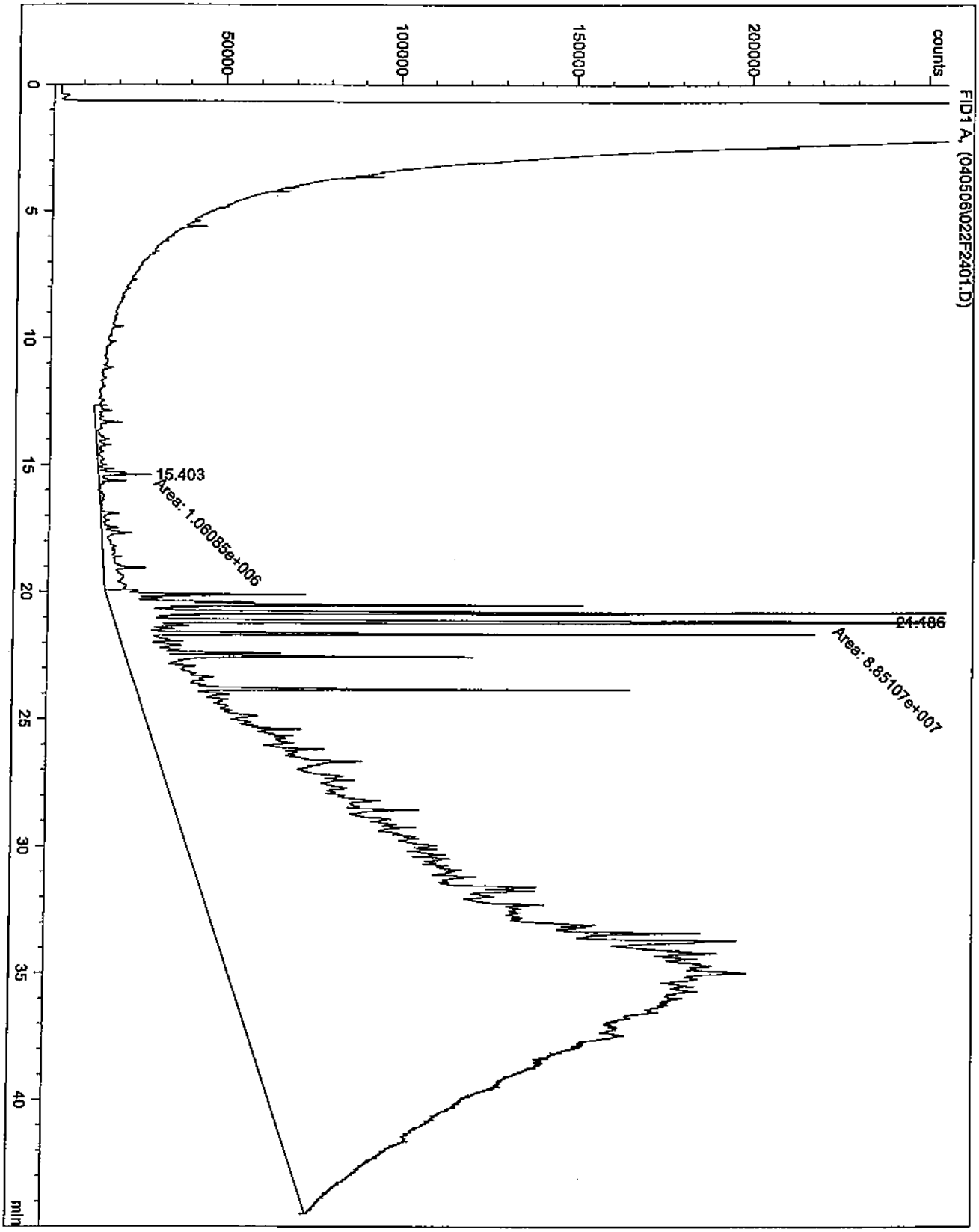


Injection Date	: 4/6/06 11:09:21 AM	Seq. Line :	22
Sample Name	: 30241-3 EPH	Vial :	20
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		

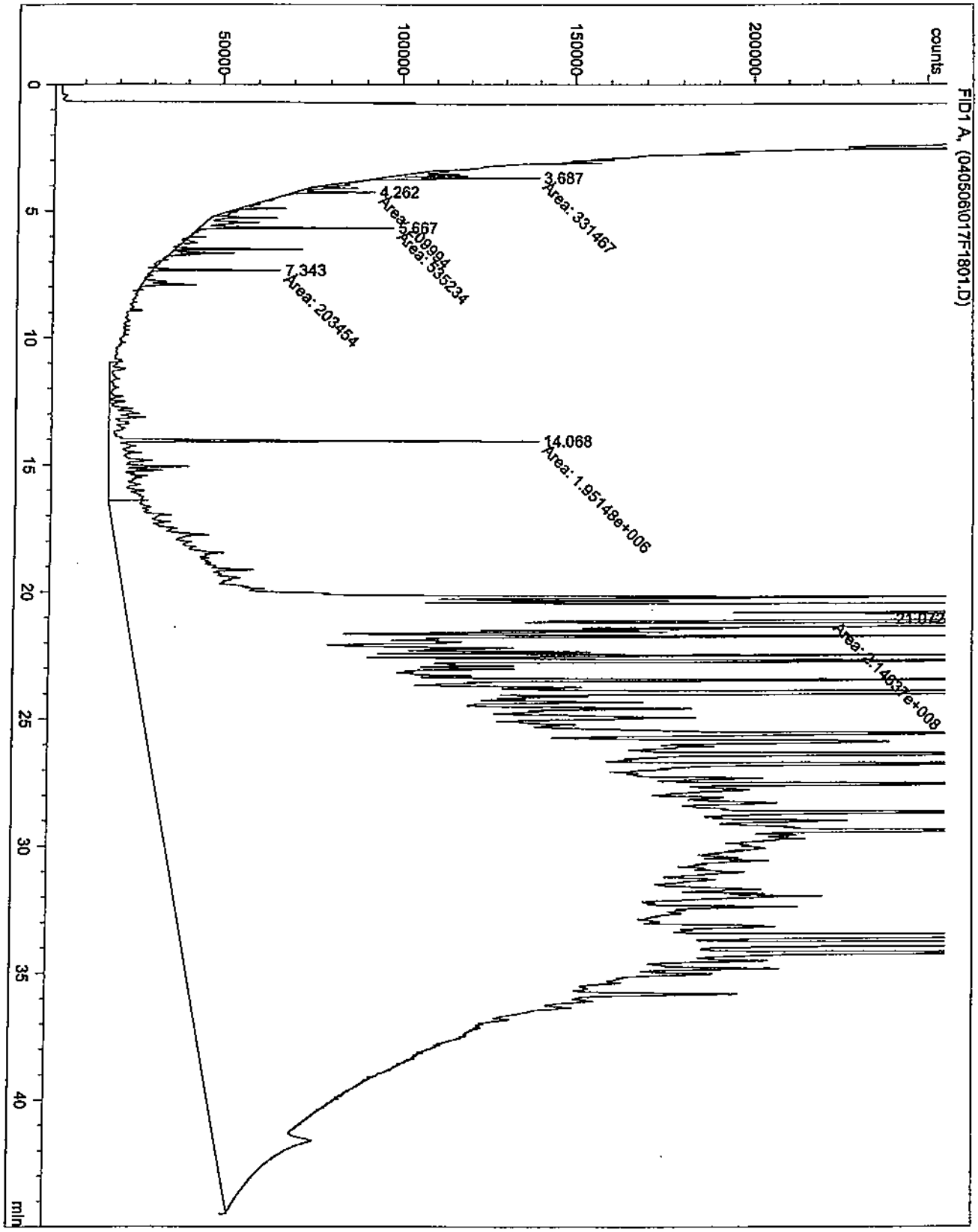


Injection Date	: 4/6/06 12:58:59 PM	Seq. Line :	24
Sample Name	: 30241-5 X5 EPH	Vial :	22
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl

Acq. Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 7/7/05 12:52:11 PM by cj
Analysis Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 4/6/06 7:13:06 AM by CJONES
(modified after loading)

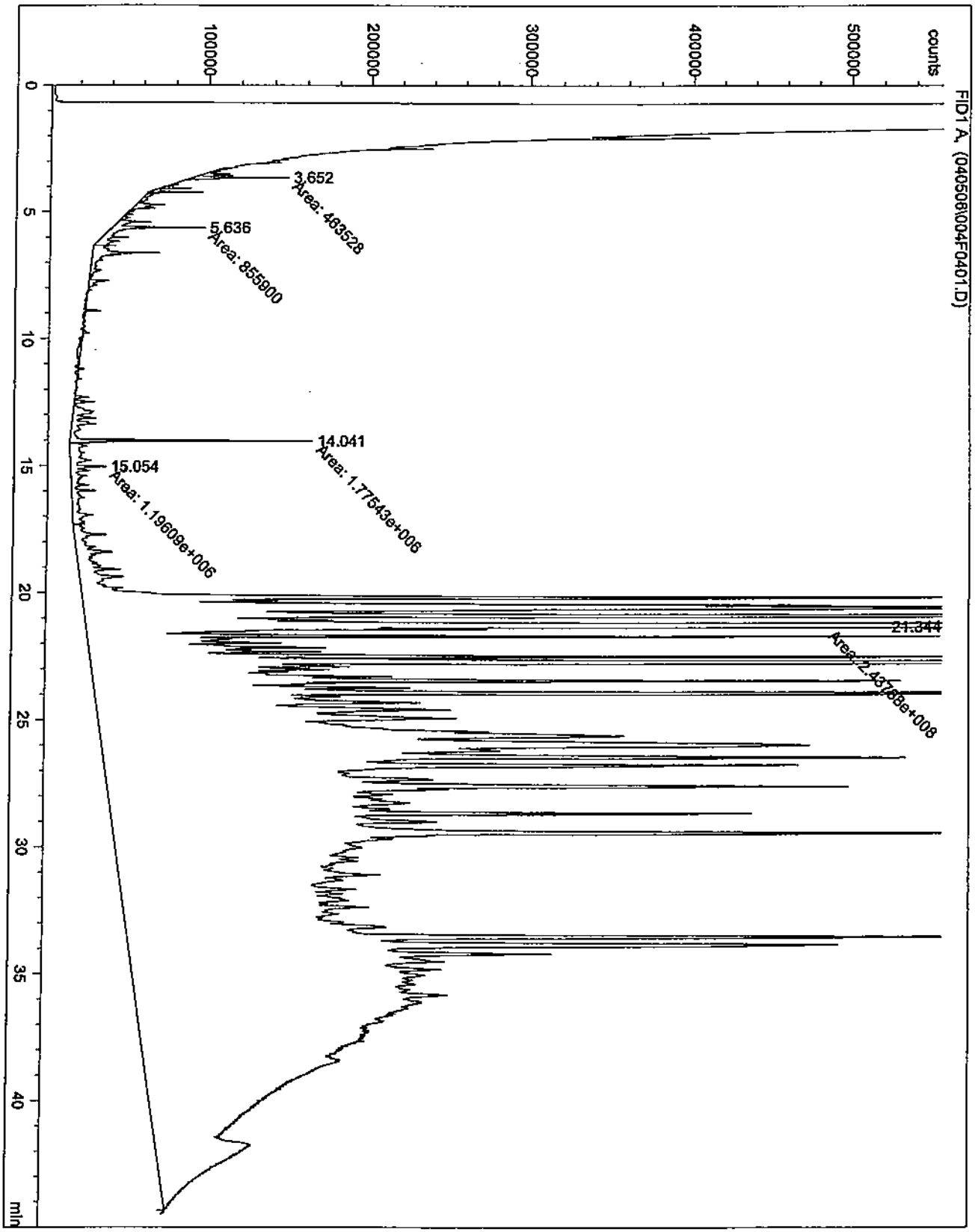


Injection Date	: 4/6/06 2:33:20 AM	Seq. Line :	18
Sample Name	: 30241-6 EPH	Vial :	17
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



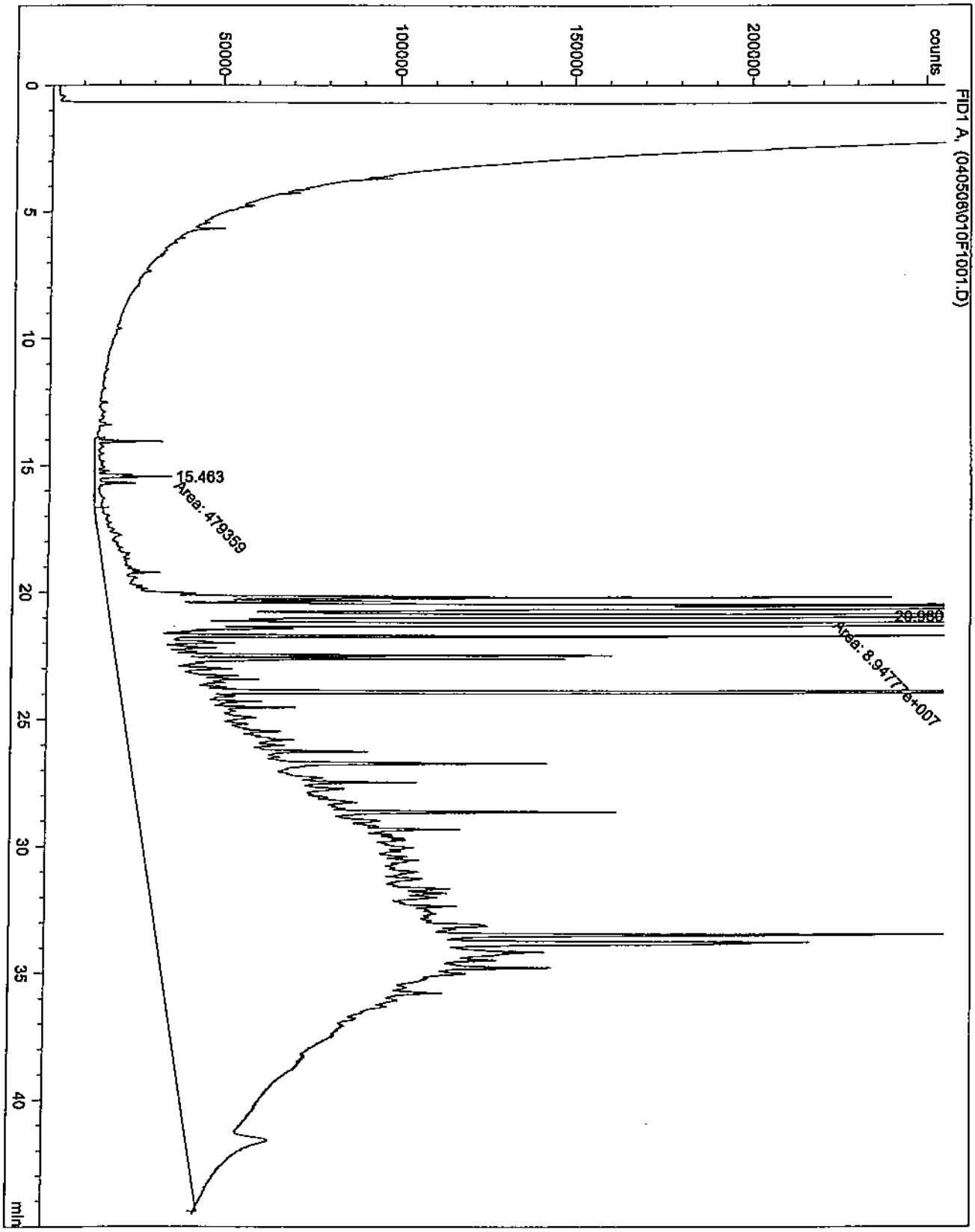
Injection Date	: 4/5/06 12:49:02 PM	Seq. Line :	4
Sample Name	: 30241-8 EPH	Vial :	4
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl

Acq. Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 7/7/05 12:52:11 PM by cj
Analysis Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 4/5/06 2:28:03 PM by CJONES
(modified after loading)

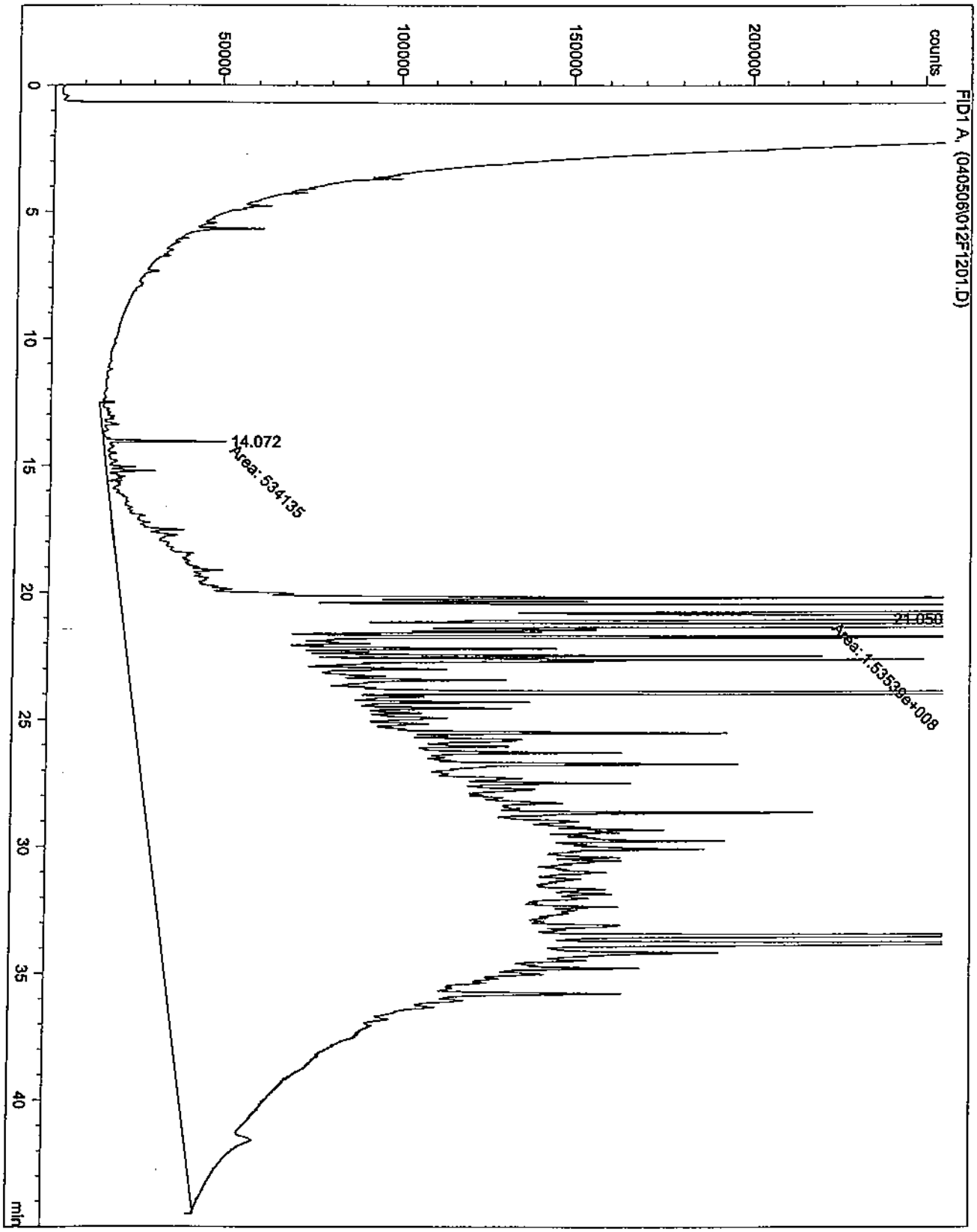


Injection Date	: 4/5/06 6:40:03 PM	Seq. Line :	10
Sample Name	: 30241-10 X5 EPH	Vial :	10
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl

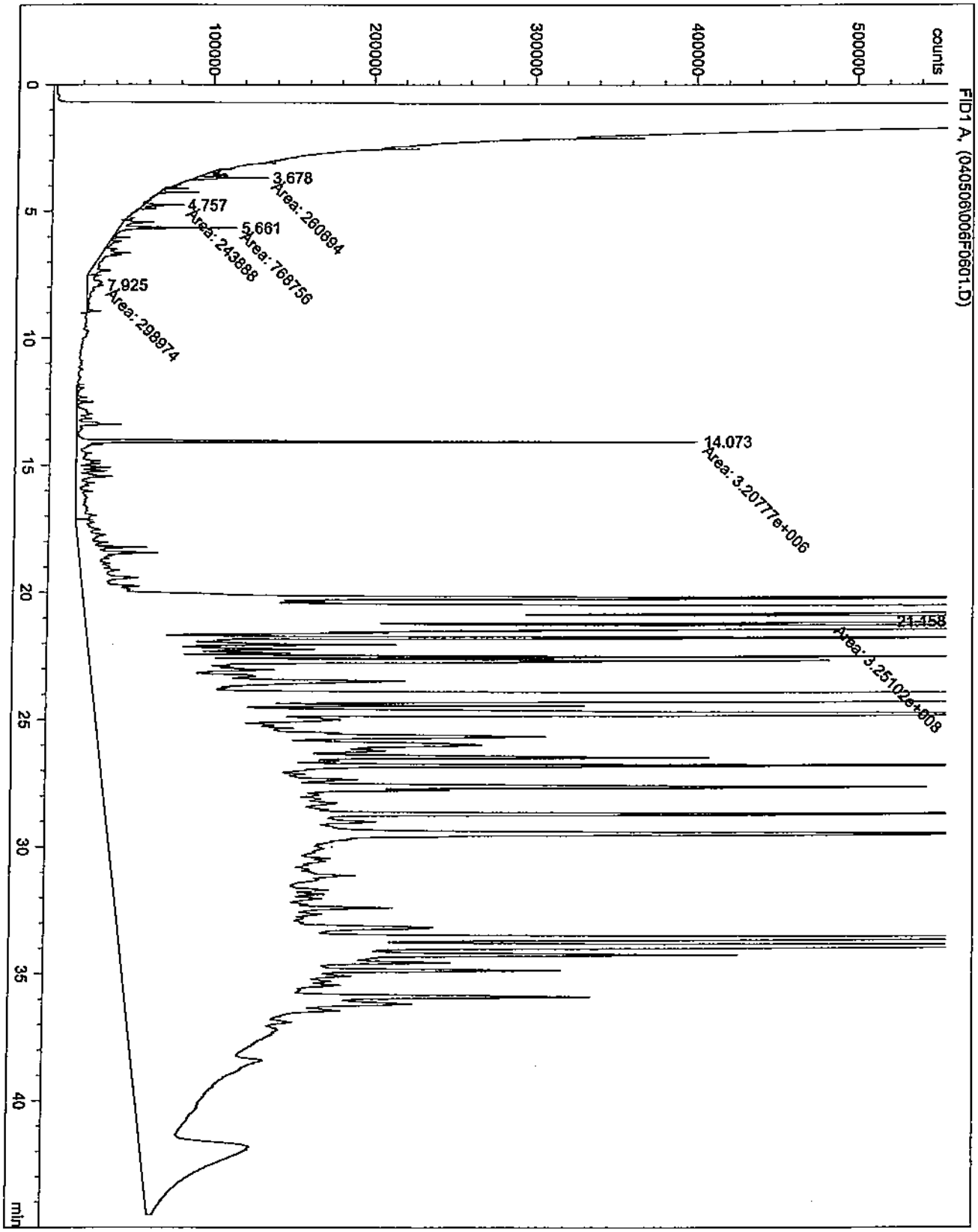
Acq. Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 7/7/05 12:52:11 PM by cj
Analysis Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 4/6/06 7:13:06 AM by CJONES
(modified after loading)



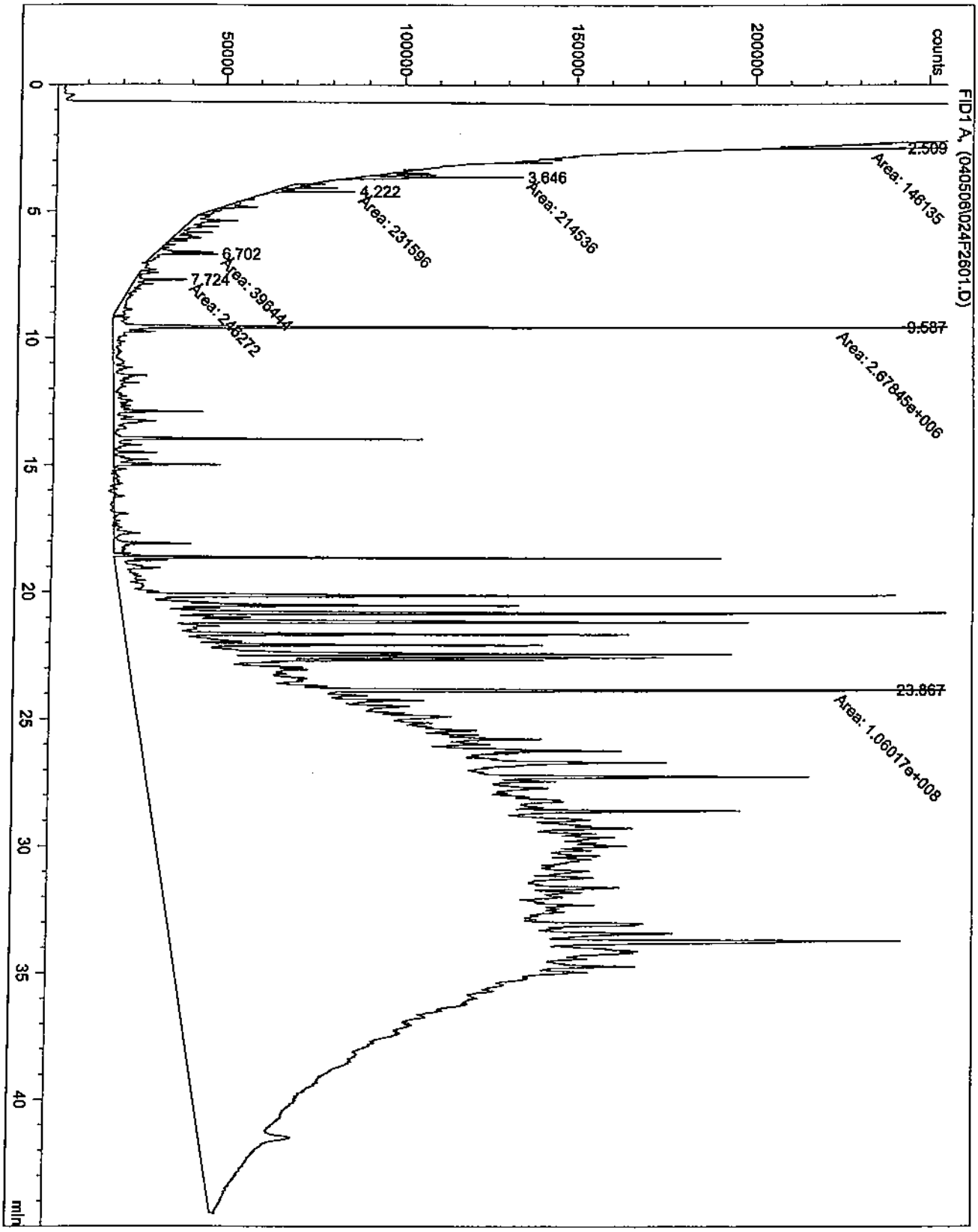
Injection Date	: 4/5/06 8:39:07 PM	Seq. Line :	12
Sample Name	: 30241-11 X5 EPH	Vial :	12
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



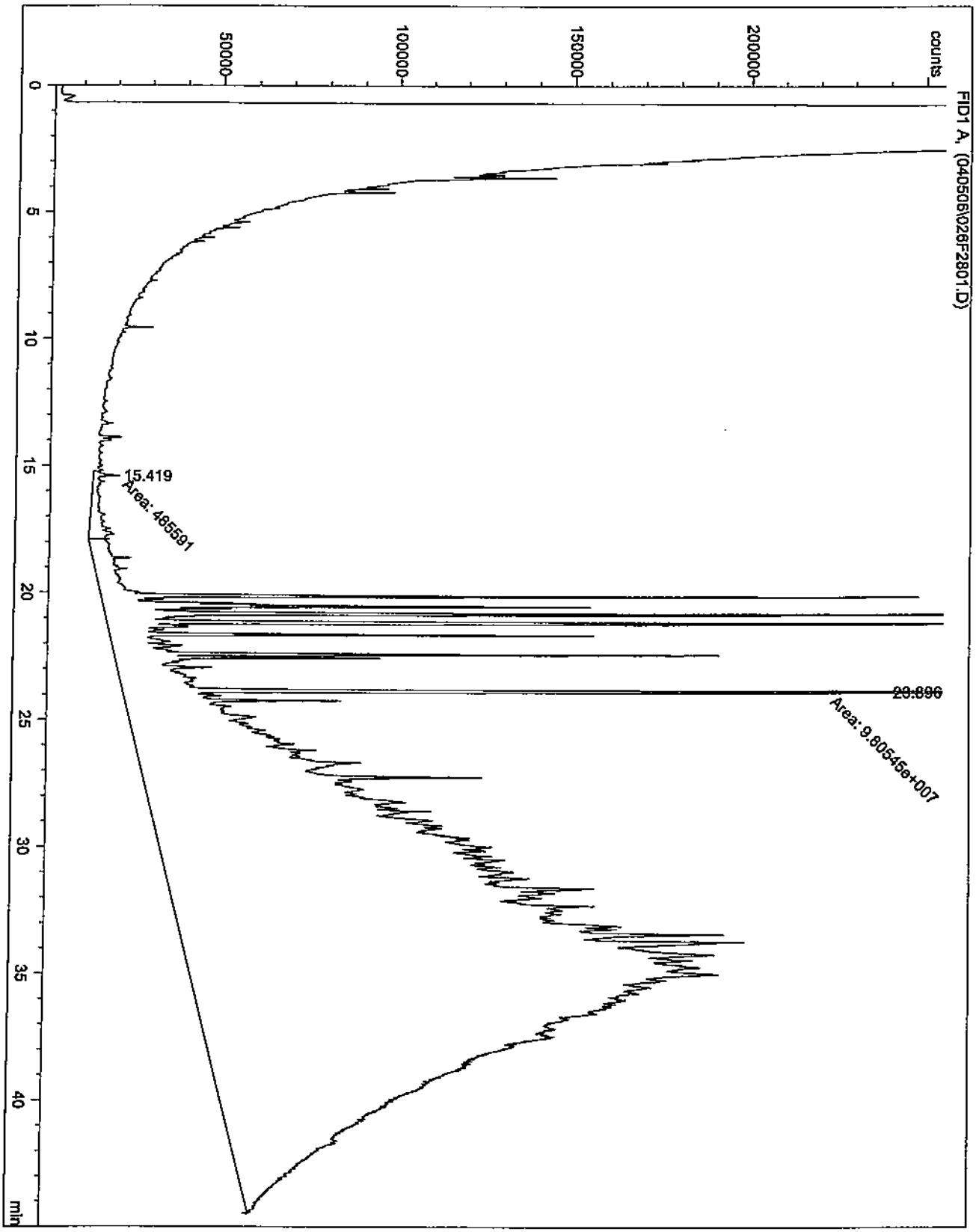
Injection Date	: 4/5/06 2:44:35 PM	Seq. Line :	6
Sample Name	: 30241-12 EPH	Vial :	6
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/5/06 2:28:03 PM by CJONES (modified after loading)		



Injection Date	: 4/6/06 2:49:00 PM	Seq. Line :	26
Sample Name	: 30241-15 EPH	Vial :	24
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		

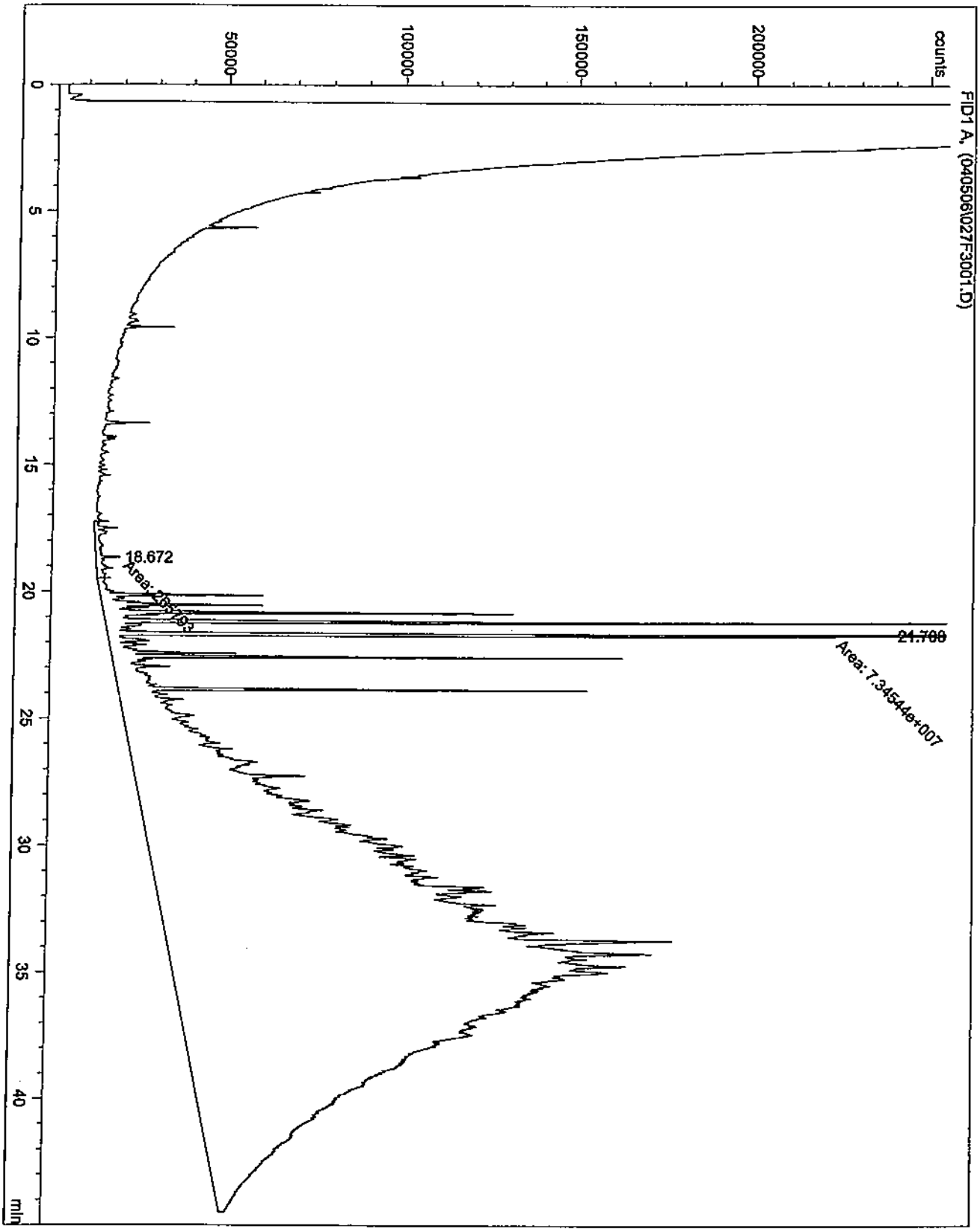


Injection Date	: 4/6/06 4:39:13 PM	Seq. Line :	28
Sample Name	: 30241-16 EPH	Vial :	26
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		

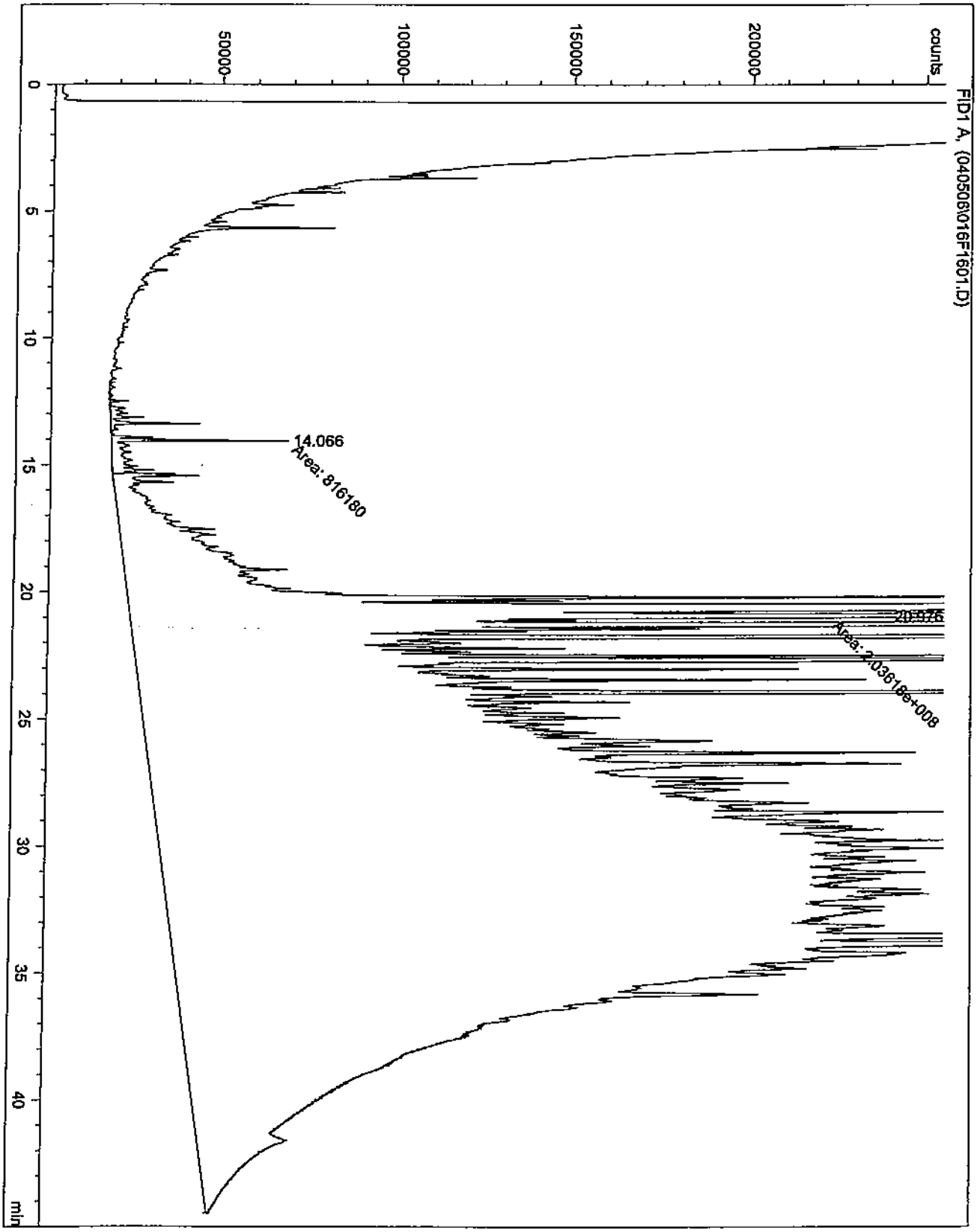


Injection Date	: 4/6/06 6:31:45 PM	Seq. Line :	30
Sample Name	: 30241-17 X5 EPH	Vial :	27
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl

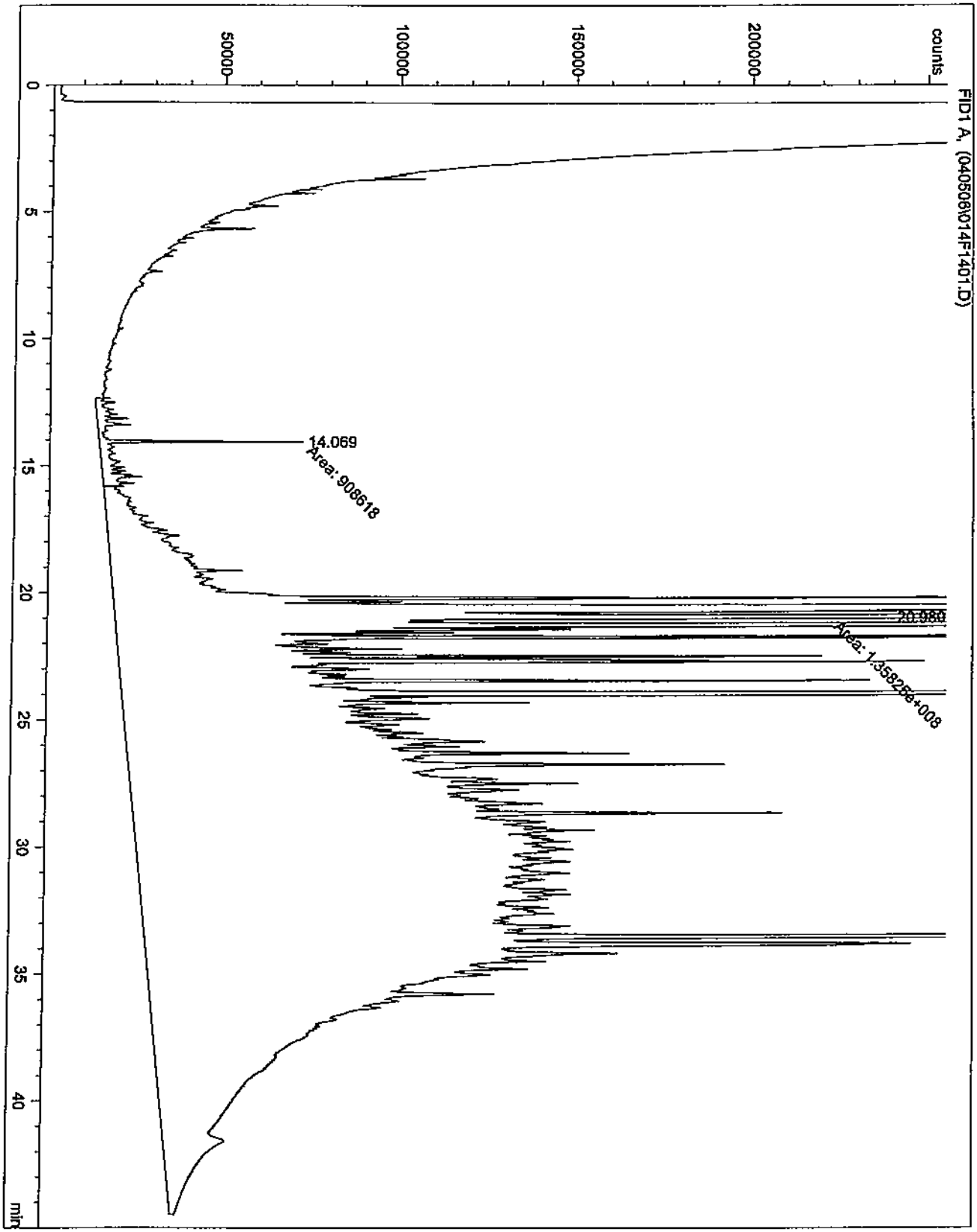
Acq. Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 7/7/05 12:52:11 PM by cj
Analysis Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 4/6/06 7:13:06 AM by CJONES
(modified after loading)



Injection Date	: 4/6/06 12:35:27 AM	Seq. Line :	16
Sample Name	: 30241-18 X5 EPH	Vial :	16
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		

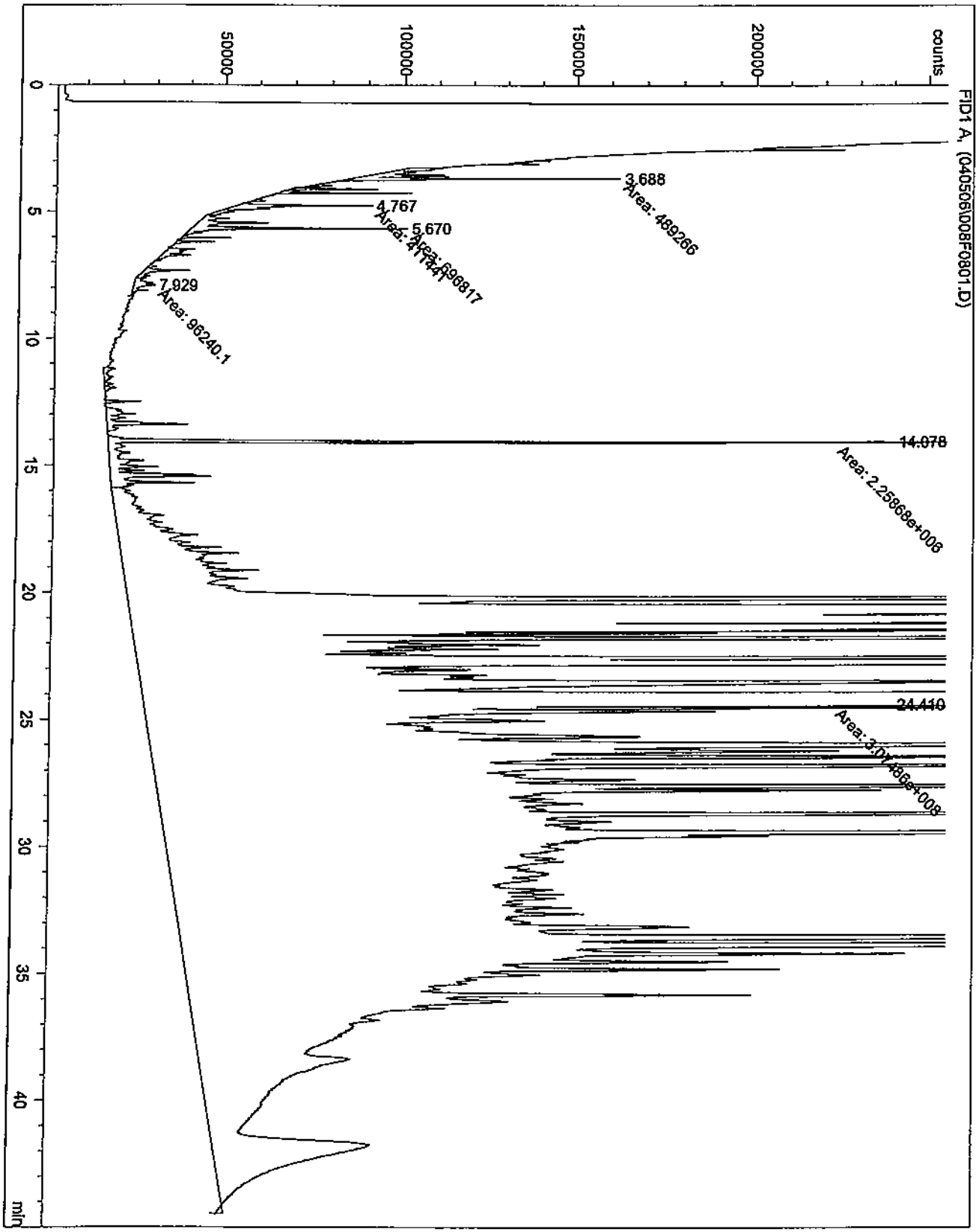


Injection Date	: 4/5/06 10:37:26 PM	Seq. Line :	14
Sample Name	: 30241-19 X5 EPH	Vial :	14
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		

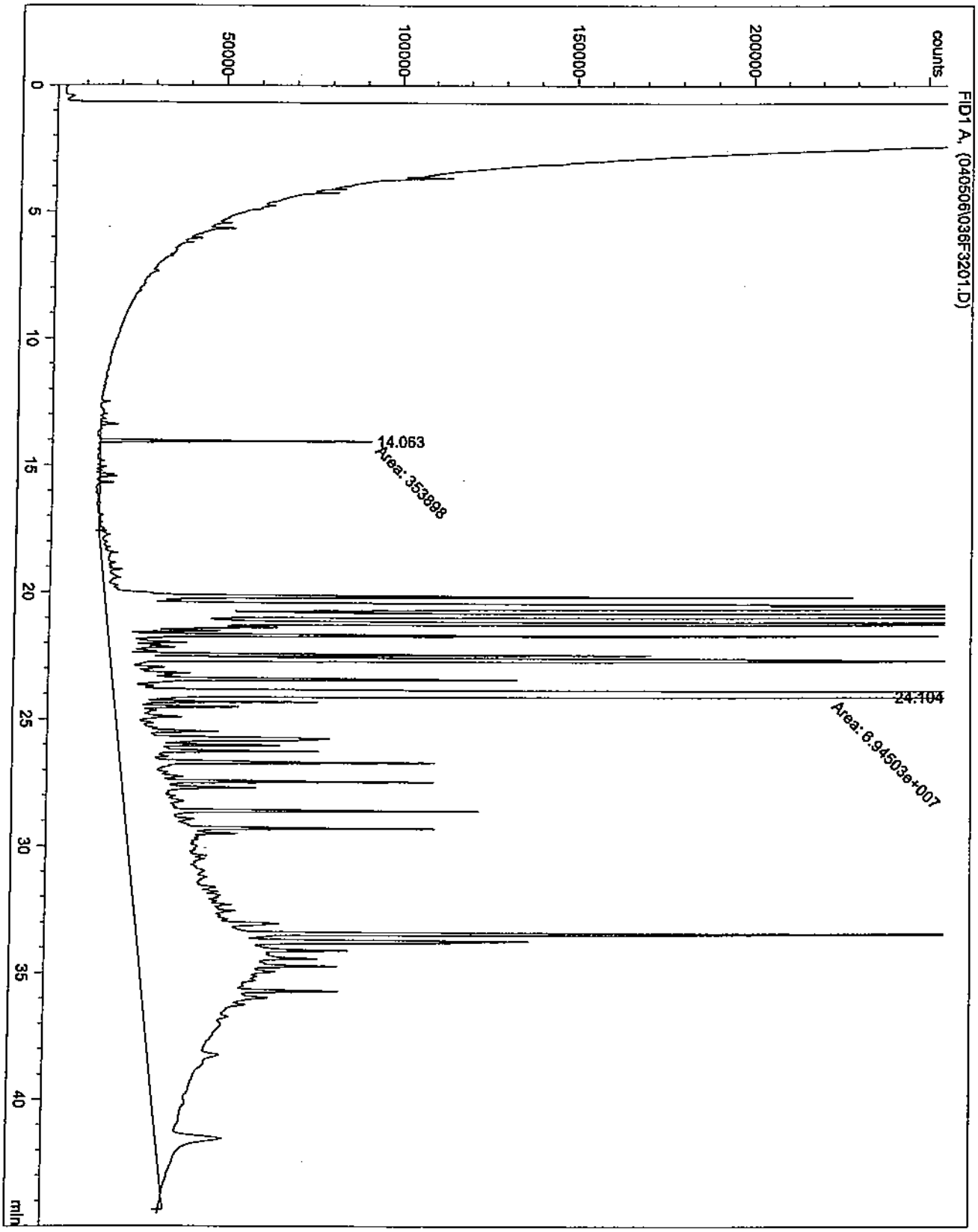


Injection Date	: 4/5/06 4:41:50 PM	Seq. Line :	8
Sample Name	: 30241-21 EPH	Vial :	8
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl

Acq. Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 7/7/05 12:52:11 PM by cj
Analysis Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 4/6/06 7:13:06 AM by CJONES
(modified after loading)



Injection Date	: 4/6/06 8:25:19 PM	Seq. Line :	32
Sample Name	: 30241-21 X5 EPH	Vial :	36
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/6/06 7:13:06 AM by CJONES (modified after loading)		



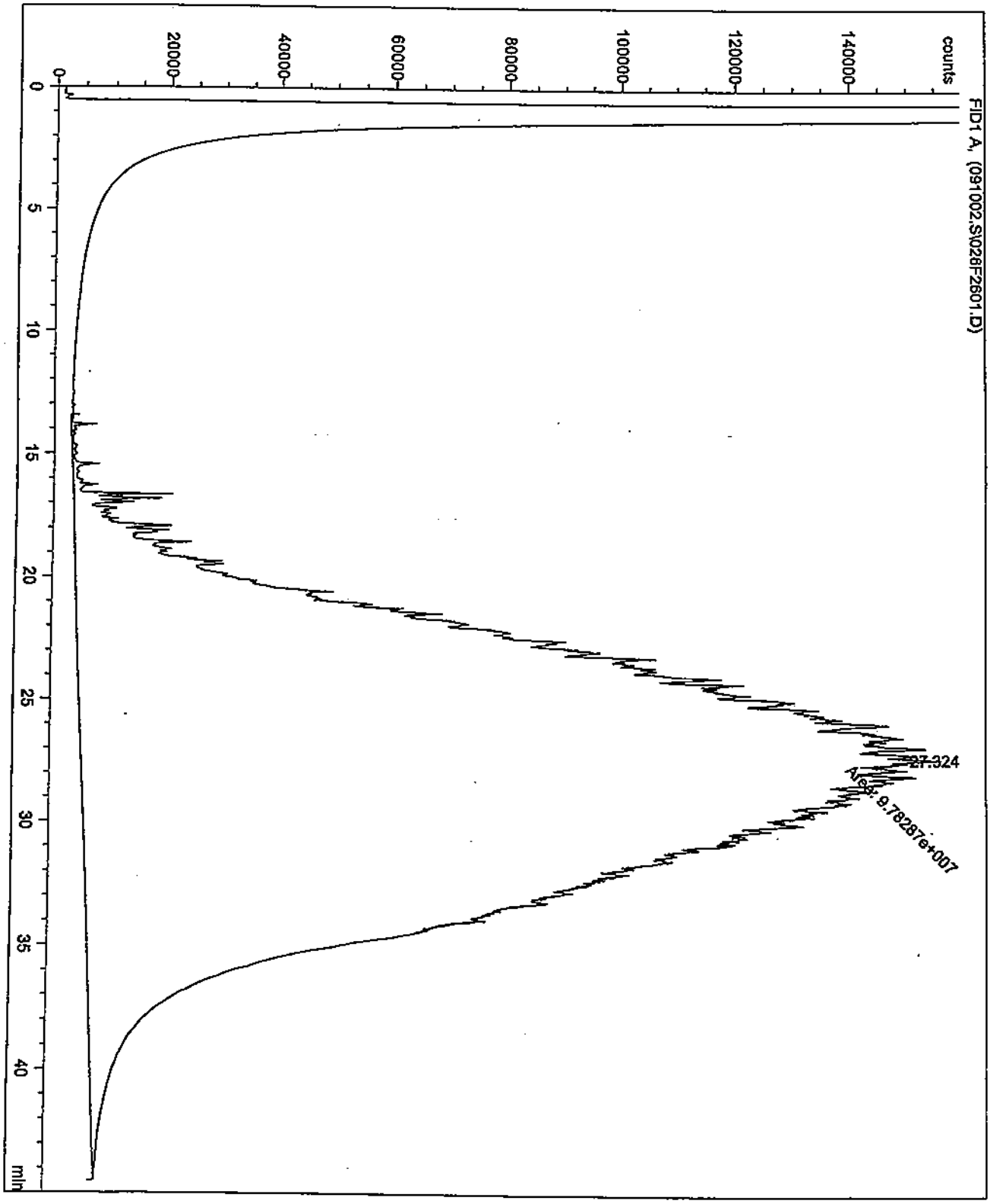
REFERENCE CHROMATOGRAMS

Injection Date : 9/11/02 7:33:18 AM
Sample Name : Lub Oil ref
Acq. Operator : a holm

Acq. Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 4/5/02 8:38:13 AM by A HOLM
Analysis Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 9/11/02 10:47:14 AM by a holm
(modified after loading)

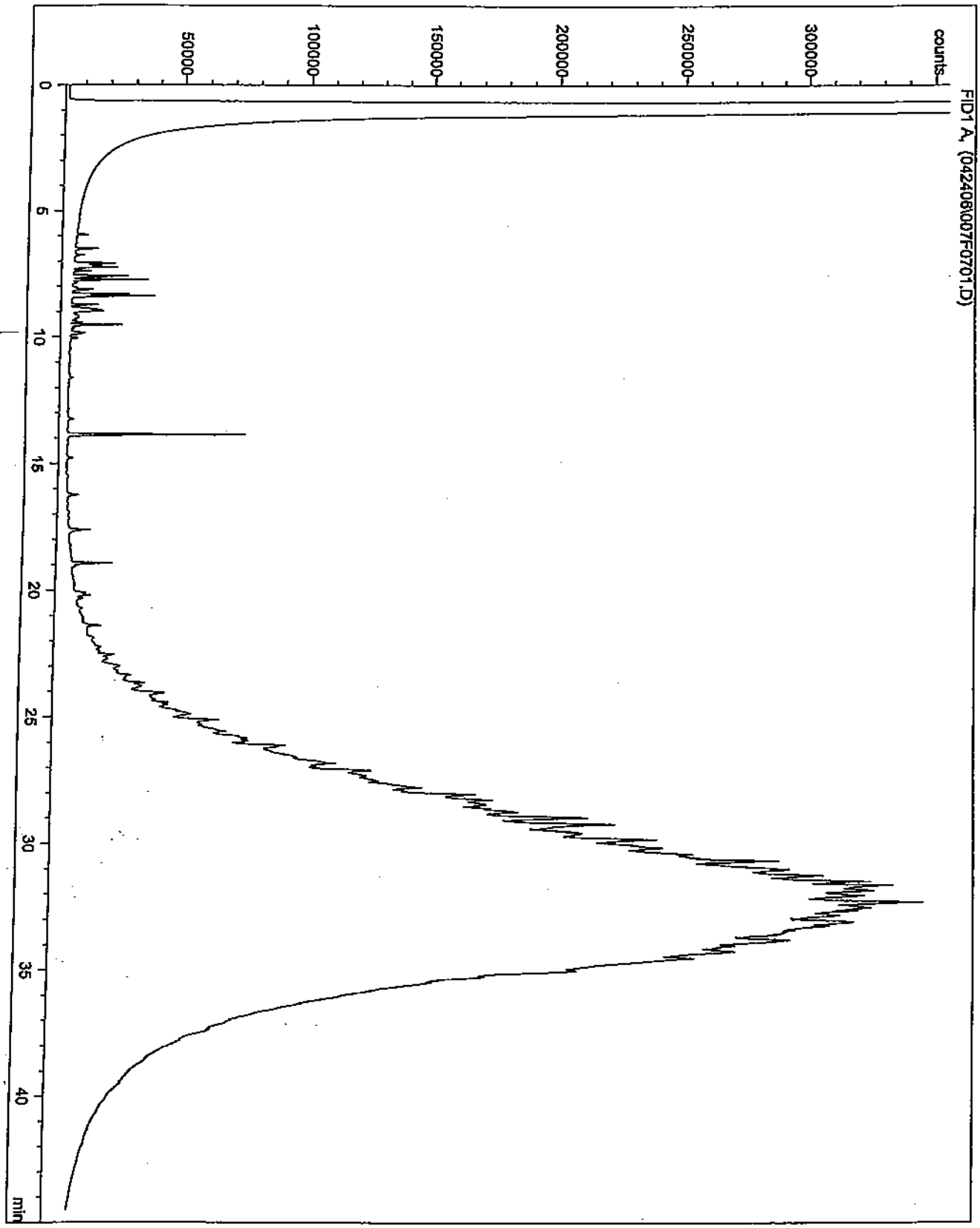
Seq. Line : 26
Vial : 26
Inj : 1
Inj Volume : 4 µl

Reference Chromatogram: Lubricating Oil



Injection Date	: 4/24/06 12:04:25 PM	Seq. Line :	7
Sample Name	: HYDRAULIC JACK O	Vial :	7
Acq. Operator	: CJONES	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 7/7/05 12:52:11 PM by cj		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/24/06 2:09:19 PM by CJONES (modified after loading)		

Reference Chromatogram: Hydraulic Jack Oil



ata File C:\HPCHEM\1\DATA\042103.S\022F2401.D Sample Name: unleaded gas

==========

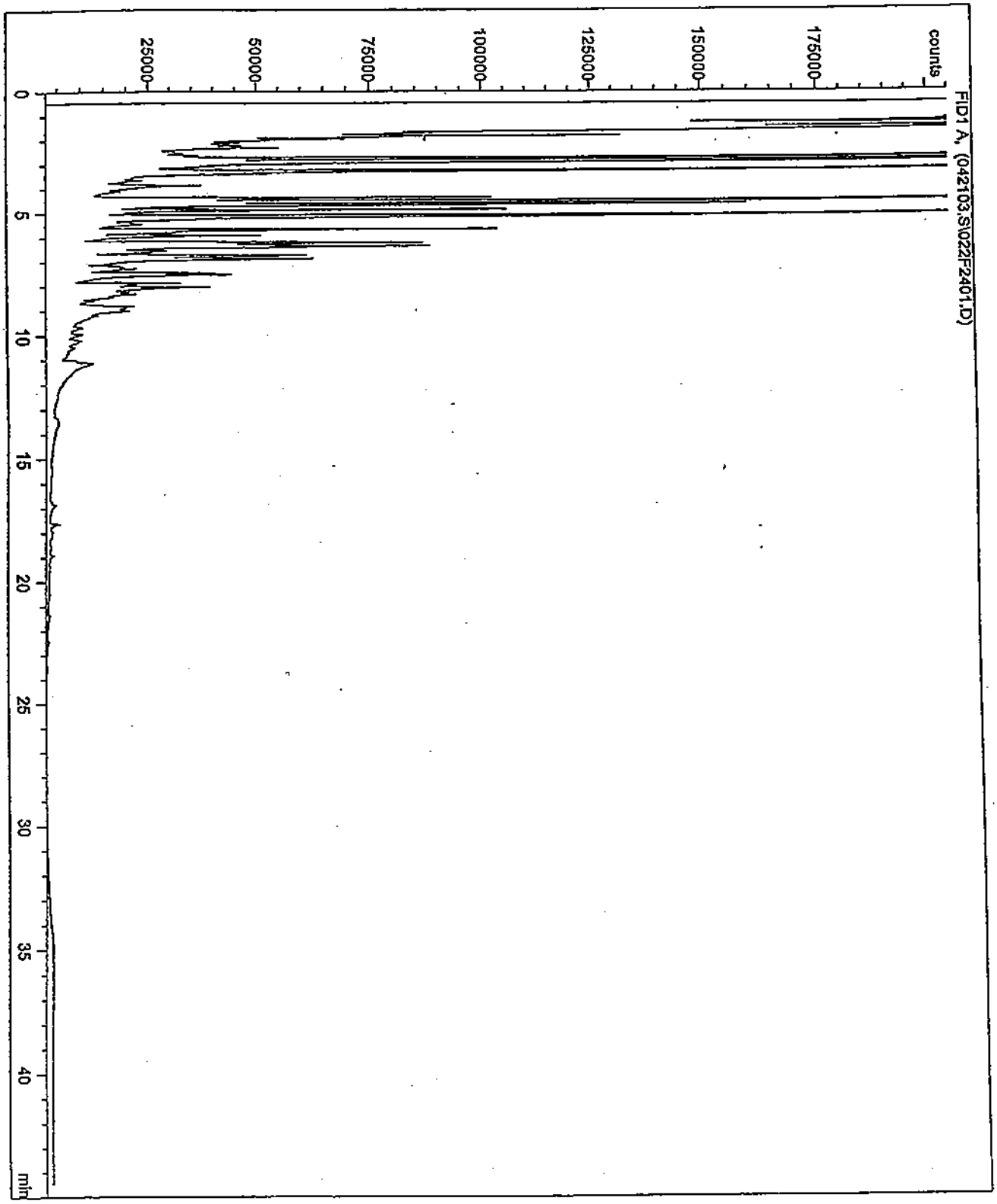
Injection Date : 4/22/03 4:15:10 PM
Sample Name : unleaded gas
Acq. Operator : a holm

Seq. Line : 24
Vial : 22
Inj : 1
Inj Volume : 4 µl

Acq. Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 1/23/03 11:03:31 AM by a holm
Analysis Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 4/30/03 10:46:58 AM by a holm
(modified after loading)

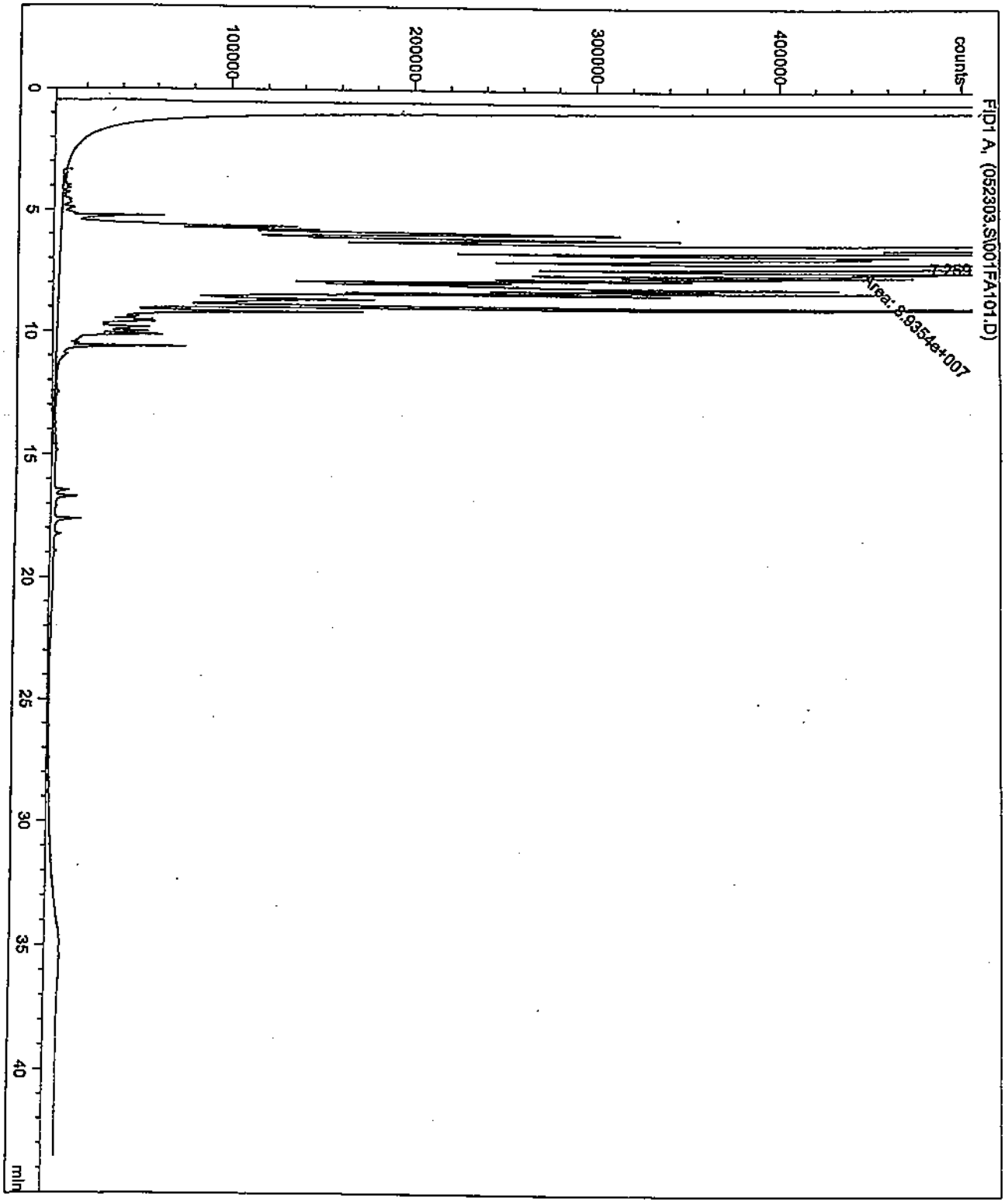
Reference Chromatogram: Unleaded Gasoline by EPH Method

==========



Injection Date	: 5/27/03 3:13:14 PM	Seq. Line	: 101
Sample Name	: stoddard solvent	Vial	: 1
Acq. Operator	: a holm	Inj	: 1
		Inj Volume	: 4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 5/27/03 3:45:13 PM by a holm (modified after loading)		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 5/27/03 3:58:39 PM by a holm (modified after loading)		

Reference Chromatogram: Stoddard Solvent

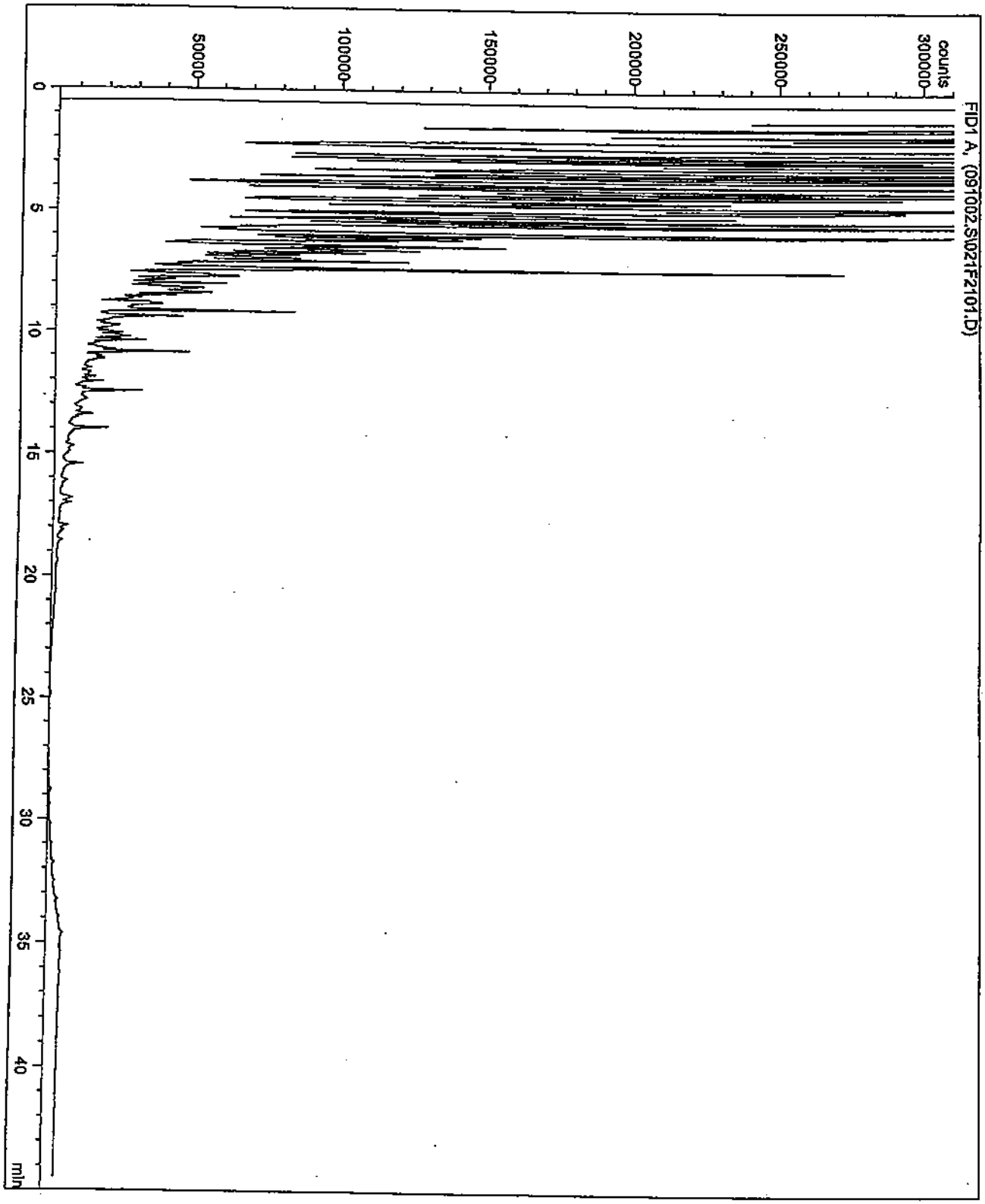


Injection Date : 9/11/02 2:59:09 AM
Sample Name : JP 4 reference
Acq. Operator : a holm

Seq. Line : 21
Vial : 21
Inj : 1
Inj Volume : 4 µl

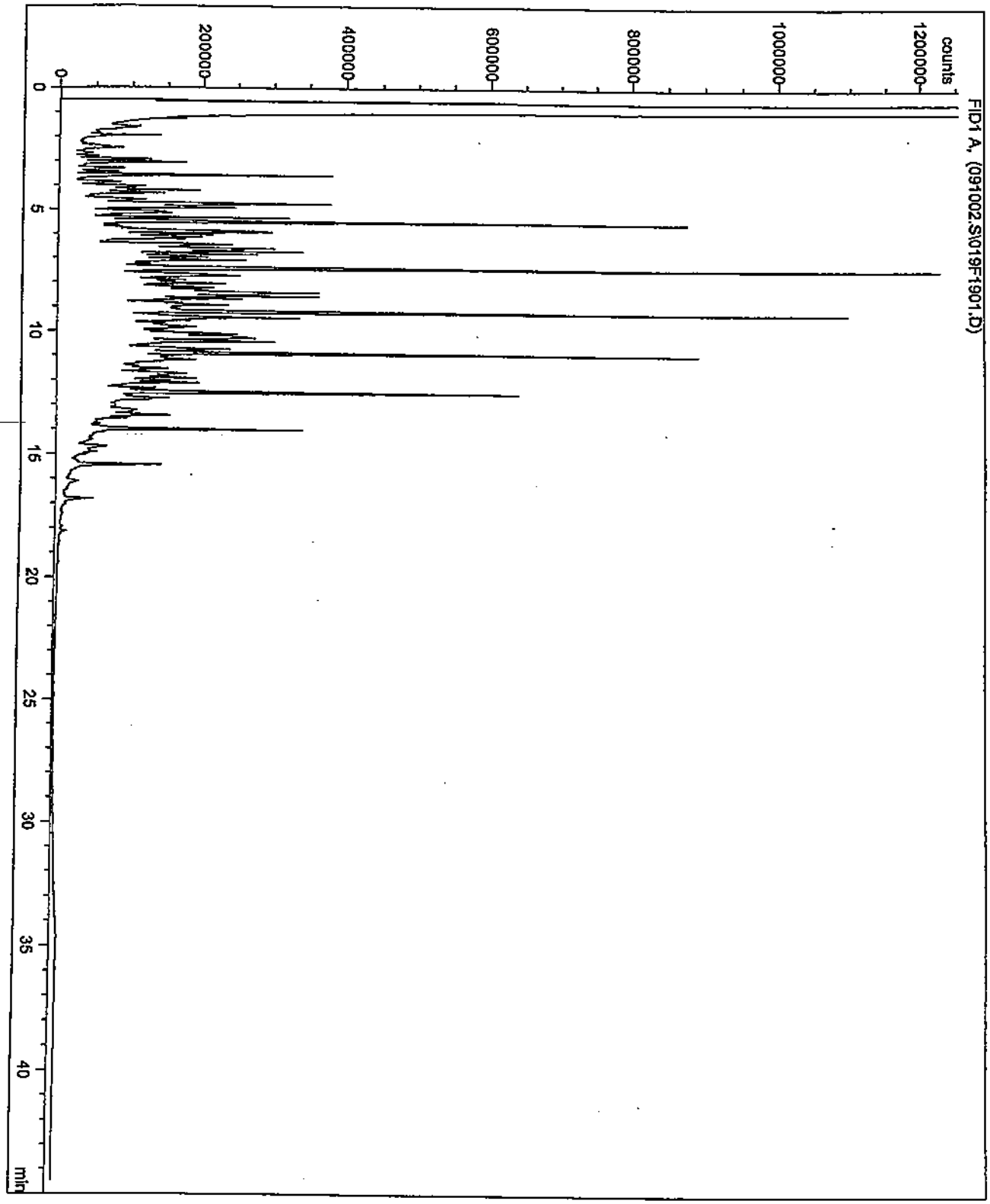
Acq. Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 4/5/02 8:38:13 AM by A HOLM
Analysis Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 9/11/02 10:48:39 AM by a holm
(modified after loading)

Reference Chromatogram: JP 4



Injection Date	: 9/11/02 1:09:41 AM	Seq. Line :	19
Sample Name	: Jet Fuel A ref	Vial :	19
Acq. Operator	: a holm	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/5/02 8:38:13 AM by A HOLM		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 9/11/02 10:49:33 AM by a holm (modified after loading)		

Reference Chromatogram: Jet Fuel A

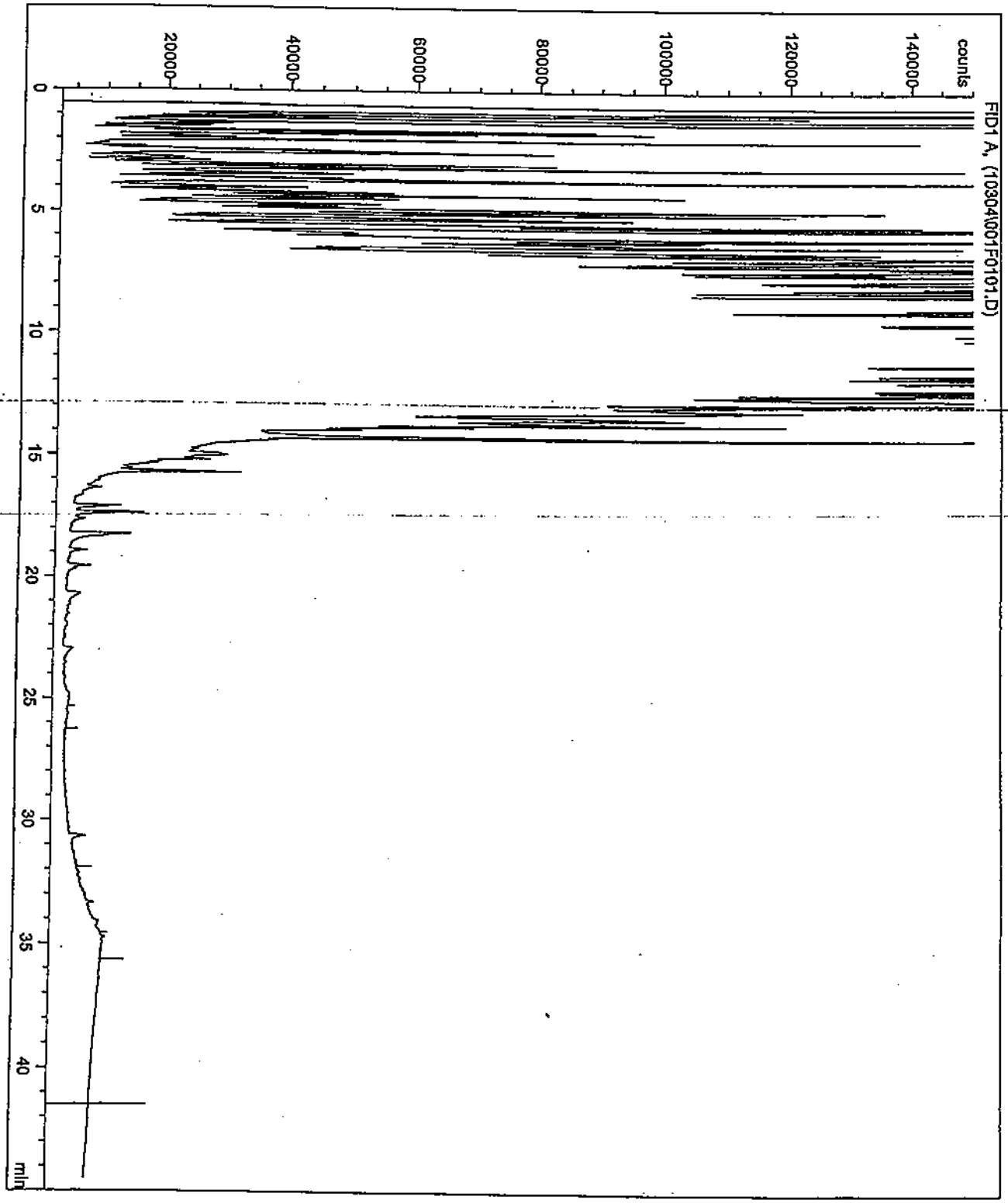


Injection Date : 1/2/04 3:04:22 PM
Sample Name : #1 DIESEL FUEL
Acq. Operator : a holm

Seq. Line : 1
Vial : 1
Inj : 1
Inj Volume : 4 µl

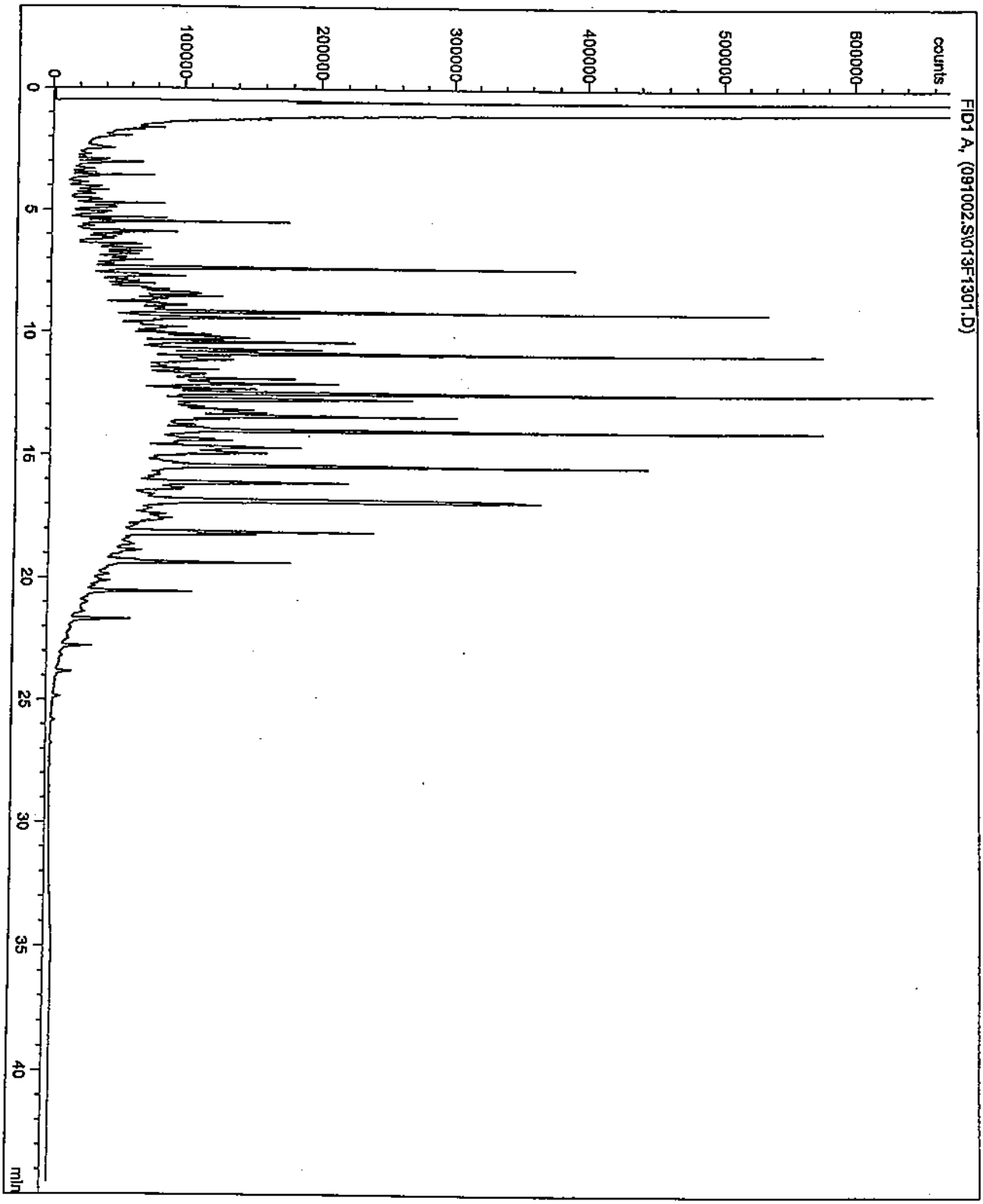
Different Inj Volume from Sequence ! Actual Inj Volume : 2 µl
Acq. Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 1/23/03 11:03:31 AM by a holm
Analysis Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 1/9/04 7:48:18 AM by a holm
(modified after loading)

Reference Chromatogram: #1 Diesel Fuel



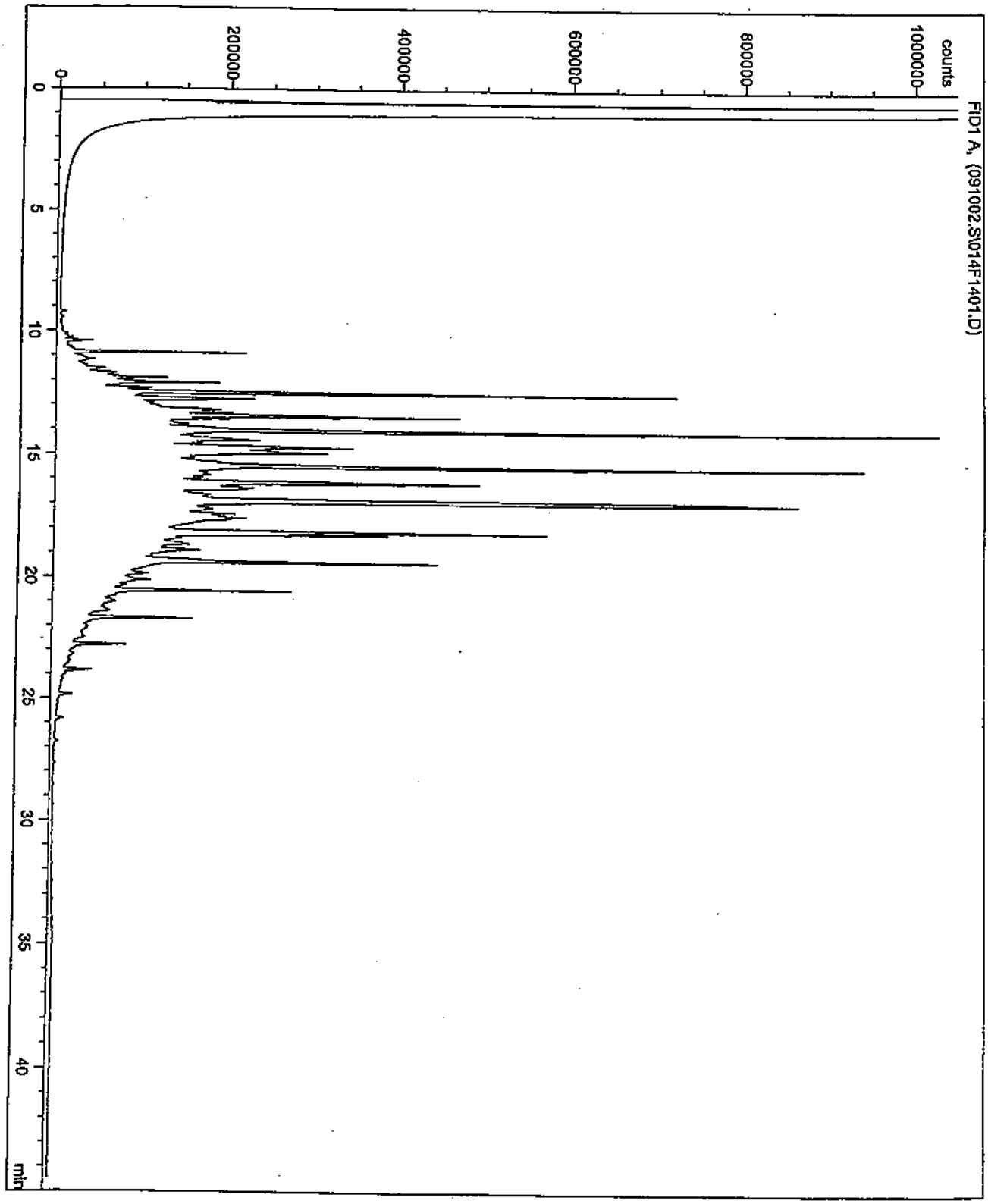
Injection Date	: 9/10/02 7:40:22 PM	Seq. Line :	13
Sample Name	: #2 dsl reference	Vial :	13
Acq. Operator	: a holm	Inj :	1
		Inj Volume :	4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/5/02 8:38:13 AM by A HOLM		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 9/11/02 10:49:33 AM by a holm (modified after loading)		

Reference Chromatogram: #2 Diesel Fuel



Injection Date	: 9/10/02 8:34:59 PM	Seq. Line	: 14
Sample Name	: #2dsl 50%weather	Vial	: 14
Acq. Operator	: a holm	Inj	: 1
		Inj Volume	: 4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/5/02 8:38:13 AM by A HOLM		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 9/11/02 10:49:33 AM by a holm (modified after loading)		

Reference Chromatogram: #2 Diesel Fuel; 50% Weathered



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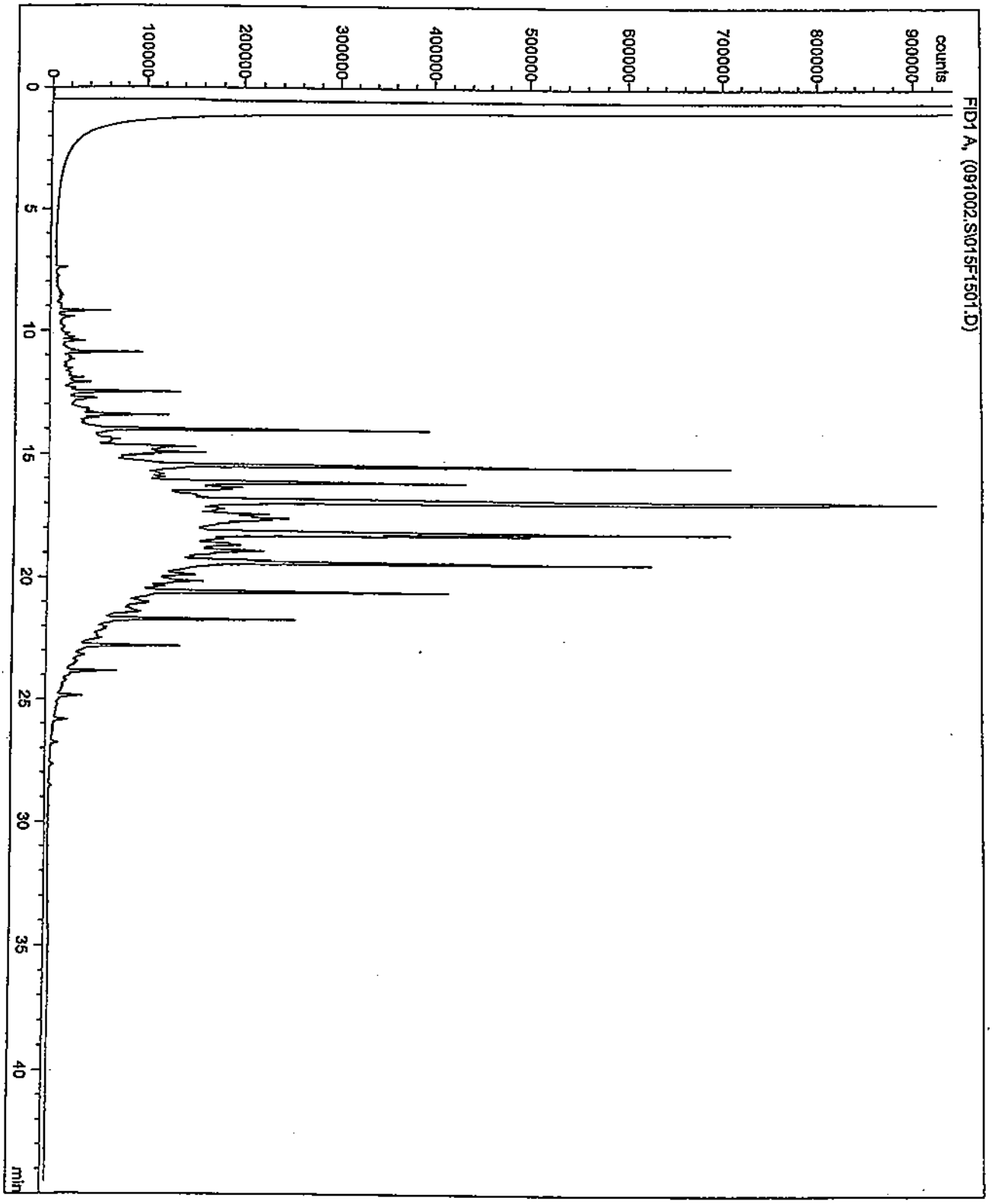
==================================================================
Injection Date  : 9/10/02 9:30:04 PM          Seq. Line :  15
Sample Name     : #2dsl 75%weather                Vial :  15
Acq. Operator   : a holm                           Inj :   1
                                             Inj Volume : 4 µl

Acq. Method     : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed    : 4/5/02 8:38:13 AM by A HOLM
Analysis Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed    : 9/11/02 10:49:33 AM by a holm
                  (modified after loading)
==================================================================
```

Reference Chromatogram:
#2 Diesel Fuel;
75% Weathered

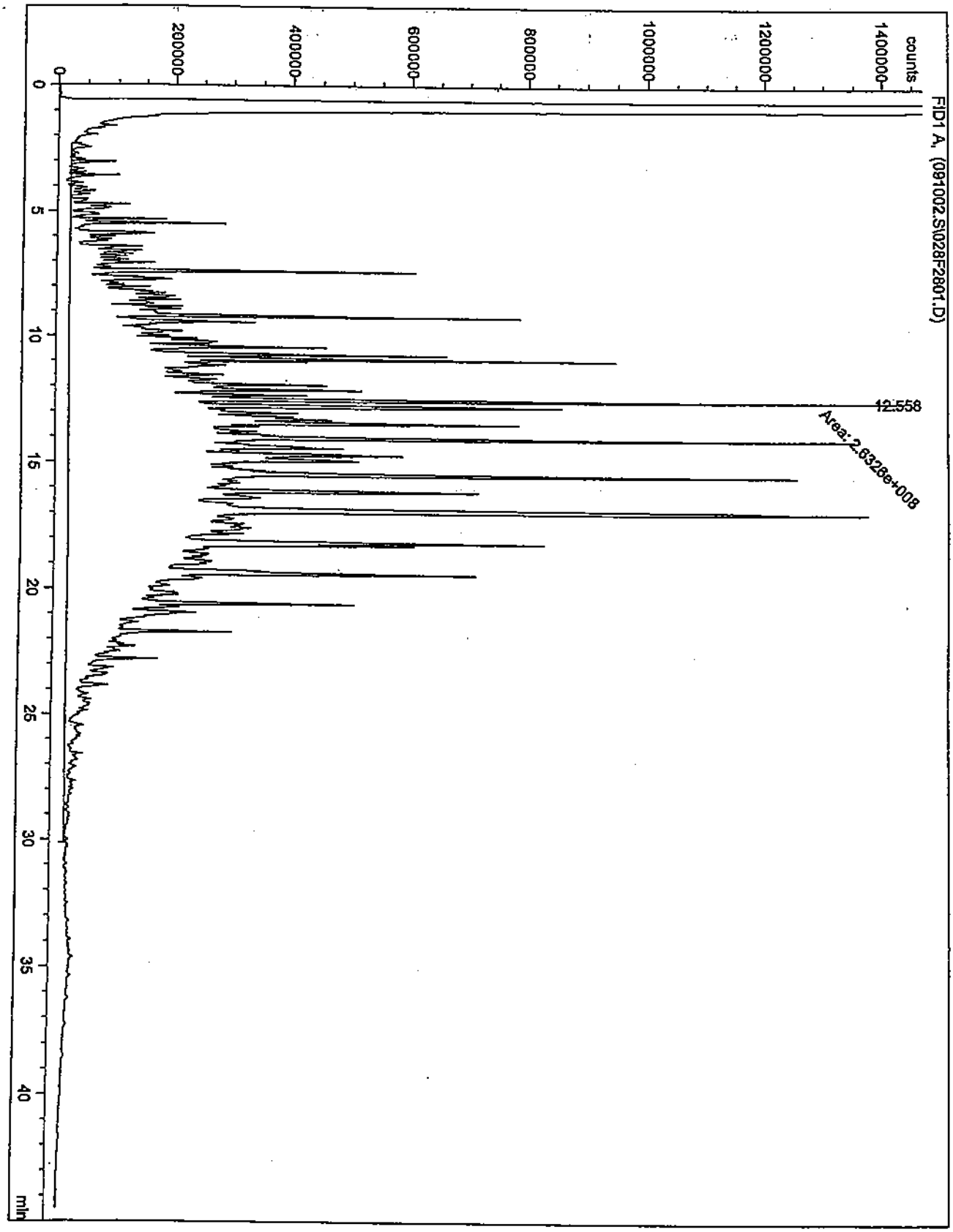


Injection Date : 9/11/02 9:23:27 AM
Sample Name : Fuel Oil 4 ref
Acq. Operator : a holm

Seq. Line : 28
Vial : 28
Inj : 1
Inj Volume : 4 µl

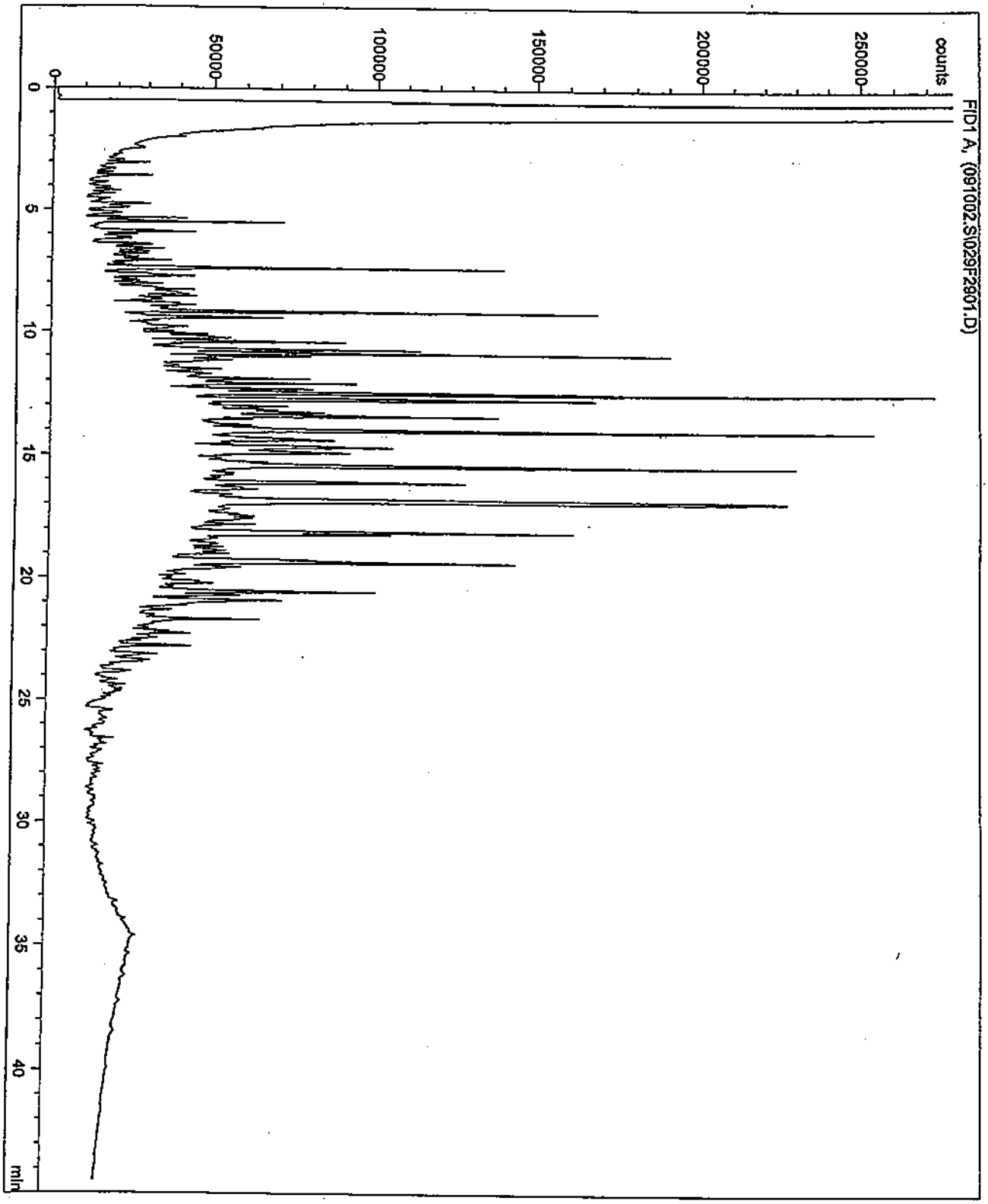
Reference Chromatogram: #4 Fuel Oil

Method : C:\HPCHEM\1\METHODS\MASSAL.M
Last changed : 4/5/02 8:38:13 AM by A HOLM



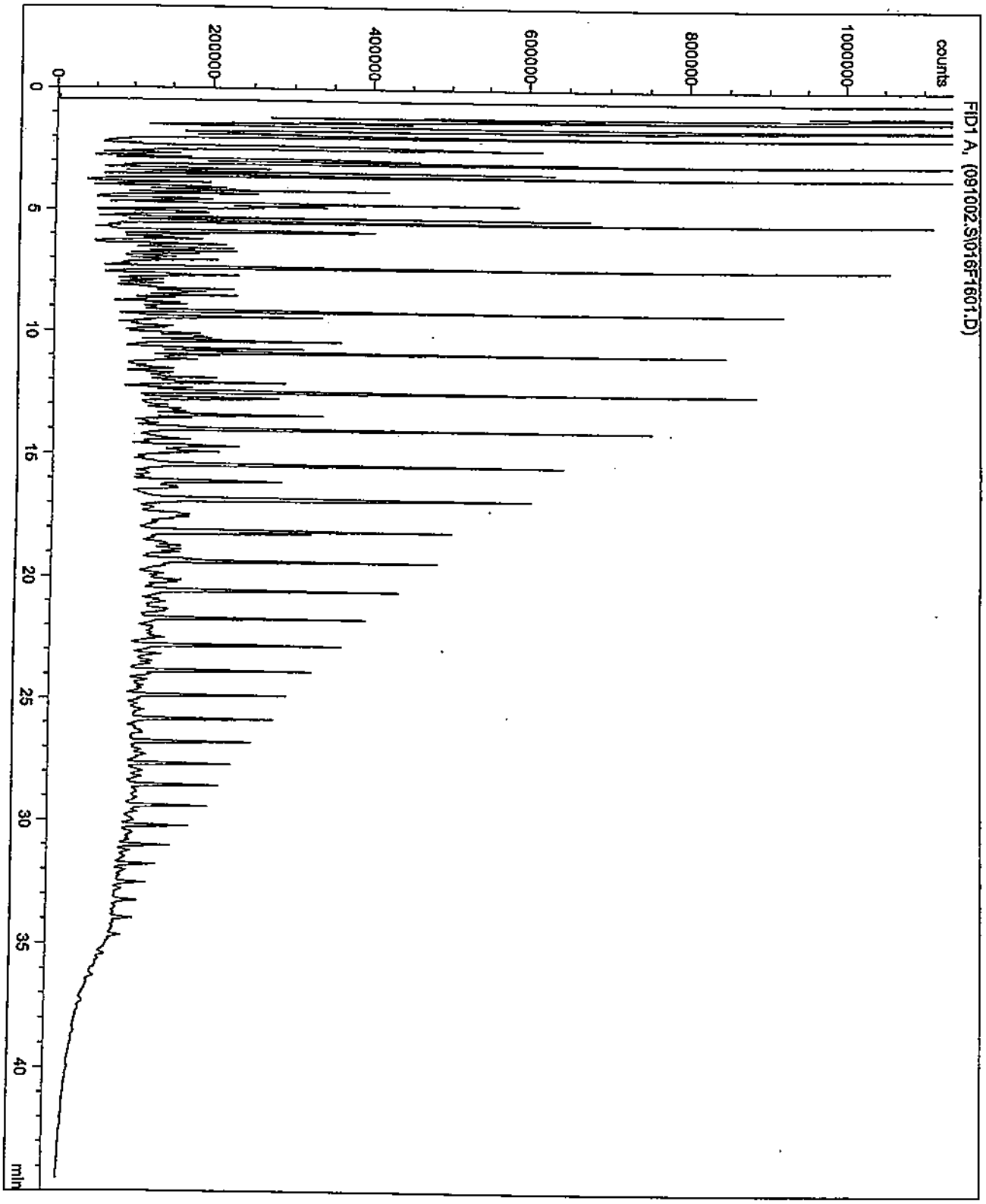
Injection Date	: 9/11/02 10:18:10 AM	Seq. Line	: 29
Sample Name	: Fuel Oil 5 ref	Vial	: 29
Acq. Operator	: a holm	Inj	: 1
		Inj Volume	: 4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/5/02 8:38:13 AM by A HOLM		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 9/11/02 10:49:33 AM by a holm (modified after loading)		

Reference Chromatogram: #5 Fuel Oil



Injection Date	: 9/10/02 10:24:52 PM	Seq. Line	: 16
Sample Name	: Conoco crude ref	Vial	: 16
Acq. Operator	: a holm	Inj	: 1
		Inj Volume	: 4 µl
Acq. Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 4/5/02 8:38:13 AM by A HOLM		
Analysis Method	: C:\HPCHEM\1\METHODS\MASSAL.M		
Last changed	: 9/11/02 10:49:33 AM by a holm (modified after loading)		

Reference Chromatogram: Crude Oil



ENERGY LABORATORIES, INC. • P.O. Box 5688 • 3161 East Lyndale Ave. • Helena, MT 59604
877-472-0711 • 406-442-0711 • 406-442-0712 fax • helena@energylab.com

ANALYTICAL SUMMARY REPORT

April 25, 2006

Stimson Lumber Co
2772 Seltice Way
Coeur d'Alene, ID 83814

Workorder No.: H06030235 Quote ID: H140 - Sediment analysis

Project Name: Stimson Cooling Pond B12409

Energy Laboratories Inc received the following 4 samples from Stimson Lumber Co on 3/31/2006 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
H06030235-001	B1-S-2-D	03/28/06 17:00	03/31/06	Sediment	Saturated Paste Electrical Conductivity EPH-Ultrasonic Extraction Methanol Extraction for Volatiles EPH-Fractionation Hydrocarbons, Ext Petroleum, Aliphatics Hydrocarbons, Ext Petroleum, Aromatics Hydrocarbons, Extractable Petroleum-Scrn Volatile Petroleum Hydrocarbons 8151-Herbicides, Chlorinated Moisture Polychlorinated Biphenyls (PCB's) Saturated Paste pH Saturated Paste Extraction Sonication Extraction Sonication Extraction 8081A-Organochlorine Pesticides Soil Sonication Extraction Semi-Volatile Organic Compounds Volatile Organics, Methanol Extraction 8260-Volatile Organic Compounds-Extended List
H06030235-002	B2-S-2-D	03/29/06 17:00	03/31/06	Sediment	Same As Above
H06030235-003	B3-S-1-D	03/29/06 17:00	03/31/06	Sediment	Same As Above
H06030235-004	B4-S-1-D	03/30/06 17:00	03/31/06	Sediment	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: Jonathan Hager

Jonathan Hager
Assistant Lab Manager

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-001
Client Sample ID: B1-S-2-D

Report Date: 04/25/06
Collection Date: 03/28/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE							
pH, sat. paste	6.7	s.u.		0.1		ASAM10-3.2	04/10/06 15:02 / jjm
Conductivity, sat. paste	3.85	mmhos/cm		0.01		ASAM10-3	04/10/06 15:02 / jjm
VOLATILE ORGANIC COMPOUNDS							
Acetonitrile	ND	mg/kg		6.40		SW8260B	04/10/06 16:50 / sbd
Acetone	ND	mg/kg		6.40		SW8260B	04/10/06 16:50 / sbd
Acrolein	ND	mg/kg		6.40		SW8260B	04/10/06 16:50 / sbd
Acrylonitrile	ND	mg/kg		6.40		SW8260B	04/10/06 16:50 / sbd
Benzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Bromobenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Bromochloromethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Bromodichloromethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Bromoform	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Bromomethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
n-Butylbenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
sec-Butylbenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
tert-Butylbenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Carbon disulfide	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Carbon tetrachloride	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Chlorobenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Chlorodibromomethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Chloroethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
2-Chloroethyl vinyl ether	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Chloroform	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Chloromethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
2-Chlorotoluene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
4-Chlorotoluene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,2-Dibromo-3-chloropropane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,2-Dibromoethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Dibromomethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,2-Dichlorobenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,3-Dichlorobenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,4-Dichlorobenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Dichlorodifluoromethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,1-Dichloroethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,2-Dichloroethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,1-Dichloroethene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
cis-1,2-Dichloroethene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
trans-1,2-Dichloroethene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,2-Dichloropropane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,3-Dichloropropane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-001
Client Sample ID: B1-S-2-D

Report Date: 04/25/06
Collection Date: 03/28/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
2,2-Dichloropropane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,1-Dichloropropene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
cis-1,3-Dichloropropene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
trans-1,3-Dichloropropene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Ethylbenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Hexachlorobutadiene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
2-Hexanone	ND	mg/kg		6.40		SW8260B	04/10/06 16:50 / sbd
Iodomethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Isopropylbenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
p-Isopropyltoluene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Methyl tert-butyl ether (MTBE)	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Methyl ethyl ketone	ND	mg/kg		6.40		SW8260B	04/10/06 16:50 / sbd
Methyl isobutyl ketone	ND	mg/kg		6.40		SW8260B	04/10/06 16:50 / sbd
Methylene chloride	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Naphthalene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
n-Propylbenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Styrene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,1,1,2-Tetrachloroethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,1,2,2-Tetrachloroethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Tetrachloroethene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Toluene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,2,3-Trichlorobenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,2,4-Trichlorobenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,1,1-Trichloroethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,1,2-Trichloroethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Trichloroethene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Trichlorofluoromethane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,2,3-Trichloropropane	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,2,4-Trimethylbenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
1,3,5-Trimethylbenzene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Vinyl acetate	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Vinyl chloride	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
m+p-Xylenes	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
o-Xylene	ND	mg/kg		0.320		SW8260B	04/10/06 16:50 / sbd
Surr: 1,2-Dichloroethane-d4	113	%REC			60-136	SW8260B	04/10/06 16:50 / sbd
Surr: Dibromofluoromethane	115	%REC			70-132	SW8260B	04/10/06 16:50 / sbd
Surr: p-Bromofluorobenzene	102	%REC			78-160	SW8260B	04/10/06 16:50 / sbd
Surr: Toluene-d8	104	%REC			75-138	SW8260B	04/10/06 16:50 / sbd
-Results are corrected for the high level of moisture in the sample.							
SEMI-VOLATILE ORGANIC COMPOUNDS							
1,2,4-Trichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-001
Client Sample ID: B1-S-2-D

Report Date: 04/25/06
Collection Date: 03/28/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SEMI-VOLATILE ORGANIC COMPOUNDS							
1,2-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
1,3-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
1,4-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
1-Methylnaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
2,4,5-Trichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
2,4,6-Trichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
2,4-Dichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
2,4-Dimethylphenol	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
2,4-Dinitrophenol	ND	mg/kg		1.7		SW8270C	04/10/06 17:44 / sm
2,4-Dinitrotoluene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
2,6-Dinitrotoluene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
2-Chloronaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
2-Chlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
2-Methylnaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
2-Nitrophenol	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
3,3'-Dichlorobenzidine	ND	mg/kg		0.67		SW8270C	04/10/06 17:44 / sm
4,6-Dinitro-2-methylphenol	ND	mg/kg		1.7		SW8270C	04/10/06 17:44 / sm
4-Bromophenyl phenyl ether	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
4-Chloro-3-methylphenol	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
4-Chlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
4-Chlorophenyl phenyl ether	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
4-Nitrophenol	ND	mg/kg		1.7		SW8270C	04/10/06 17:44 / sm
Acenaphthene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Acenaphthylene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Azobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Benzidine	ND	mg/kg		0.67		SW8270C	04/10/06 17:44 / sm
Benzo(a)anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Benzo(a)pyrene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Benzo(b)fluoranthene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Benzo(g,h,i)perylene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Benzo(k)fluoranthene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
bis(-2-chloroethoxy)Methane	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
bis(-2-chloroethyl)Ether	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
bis(2-chloroisopropyl)Ether	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
bis(2-ethylhexyl)Phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Butylbenzylphthalate	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Chrysene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Dibenzo(a,h)anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Diethyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Dimethyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm

Report Definitions:
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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-001
Client Sample ID: B1-S-2-D

Report Date: 04/25/06
Collection Date: 03/28/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SEMI-VOLATILE ORGANIC COMPOUNDS							
Di-n-butyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Di-n-octyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Fluoranthene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Fluorene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Hexachlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Hexachlorobutadiene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Hexachlorocyclopentadiene	ND	mg/kg		0.67		SW8270C	04/10/06 17:44 / sm
Hexachloroethane	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Indeno(1,2,3-cd)pyrene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Isophorone	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
m+p-Cresols	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Naphthalene	0.055	mg/kg	J	0.33		SW8270C	04/10/06 17:44 / sm
Nitrobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
n-Nitrosodimethylamine	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
n-Nitroso-di-n-propylamine	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
n-Nitrosodiphenylamine	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
o-Cresol	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Pentachlorophenol	ND	mg/kg		1.7		SW8270C	04/10/06 17:44 / sm
Phenanthrene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Phenol	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Pyrene	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Pyridine	ND	mg/kg		0.33		SW8270C	04/10/06 17:44 / sm
Surr: 2,4,6-Tribromophenol	76.0	%REC			19-122	SW8270C	04/10/06 17:44 / sm
Surr: 2-Fluorobiphenyl	69.0	%REC			30-115	SW8270C	04/10/06 17:44 / sm
Surr: 2-Fluorophenol	78.0	%REC			25-121	SW8270C	04/10/06 17:44 / sm
Surr: Nitrobenzene-d5	71.0	%REC			23-120	SW8270C	04/10/06 17:44 / sm
Surr: Phenol-d5	79.0	%REC			24-113	SW8270C	04/10/06 17:44 / sm
Surr: Terphenyl-d14	58.0	%REC			18-137	SW8270C	04/10/06 17:44 / sm
HERBICIDES, CHLORINATED							
2,4,5-T	ND	mg/kg		0.0040		SW8151A	04/15/06 00:57 / jml
2,4,5-TP (Silvex)	ND	mg/kg		0.0040		SW8151A	04/15/06 00:57 / jml
2,4-D	ND	mg/kg		0.020		SW8151A	04/15/06 00:57 / jml
2,4-DB	ND	mg/kg		0.050		SW8151A	04/15/06 00:57 / jml
3,5-Dichlorobenzoic Acid	ND	mg/kg		0.010		SW8151A	04/15/06 00:57 / jml
4-Nitrophenol	ND	mg/kg		0.010		SW8151A	04/15/06 00:57 / jml
Acifluorfen	ND	mg/kg		0.010		SW8151A	04/15/06 00:57 / jml
Bentazon	ND	mg/kg		0.050		SW8151A	04/15/06 00:57 / jml
Chloramben	ND	mg/kg		0.010		SW8151A	04/15/06 00:57 / jml
Dacthal	ND	mg/kg		0.020		SW8151A	04/15/06 00:57 / jml
Dalapon	ND	mg/kg		0.050		SW8151A	04/15/06 00:57 / jml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
J - Estimated value. The analyte was present but less than the reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-001
Client Sample ID: B1-S-2-D

Report Date: 04/25/06
Collection Date: 03/28/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
HERBICIDES, CHLORINATED							
Dicamba	ND	mg/kg		0.0050		SW8151A	04/15/06 00:57 / jml
Dichlorprop	ND	mg/kg		0.020		SW8151A	04/15/06 00:57 / jml
Dinoseb	ND	mg/kg		0.020		SW8151A	04/15/06 00:57 / jml
MCPA	ND	mg/kg		4.0		SW8151A	04/15/06 00:57 / jml
MCPP	ND	mg/kg		4.0		SW8151A	04/15/06 00:57 / jml
Pentachlorophenol	ND	mg/kg		0.0020		SW8151A	04/15/06 00:57 / jml
Picloram	ND	mg/kg		0.010		SW8151A	04/15/06 00:57 / jml
Surr: DCAA	103	%REC			45-130	SW8151A	04/15/06 00:57 / jml
ORGANOCHLORINE PESTICIDES							
4,4´-DDD	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
4,4´-DDE	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
4,4´-DDT	ND	mg/kg		1.2		SW8081A	04/11/06 18:24 / lw
Aldrin	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
alpha-BHC	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
alpha-Chlordane	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
beta-BHC	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
Chlordane	ND	mg/kg		1.7		SW8081A	04/11/06 18:24 / lw
delta-BHC	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
Dieldrin	ND	mg/kg		0.69		SW8081A	04/11/06 18:24 / lw
Endosulfan I	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
Endosulfan II	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
Endosulfan sulfate	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
Endrin	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
Endrin aldehyde	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
Endrin ketone	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
gamma-BHC (Lindane)	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
gamma-Chlordane	ND	mg/kg		0.38		SW8081A	04/11/06 18:24 / lw
Heptachlor	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
Heptachlor epoxide	ND	mg/kg		0.17		SW8081A	04/11/06 18:24 / lw
Methoxychlor	ND	mg/kg		0.35		SW8081A	04/11/06 18:24 / lw
Toxaphene	ND	mg/kg		17		SW8081A	04/11/06 18:24 / lw
Surr: Decachlorobiphenyl	0	%REC	O		50-126	SW8081A	04/11/06 18:24 / lw
Surr: Tetrachloro-m-xylene	0	%REC	O		42-115	SW8081A	04/11/06 18:24 / lw
Reporting Limits were raised for certain compounds due to sample matrix interferences.							
POLYCHLORINATED BIPHENYLS (PCB'S)							
Aroclor 1016	ND	mg/kg		1.7		SW8082	04/10/06 14:19 / lw
Aroclor 1221	ND	mg/kg		1.7		SW8082	04/10/06 14:19 / lw
Aroclor 1232	ND	mg/kg		1.7		SW8082	04/10/06 14:19 / lw
Aroclor 1242	ND	mg/kg		1.7		SW8082	04/10/06 14:19 / lw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
O - Diluted out.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-001
Client Sample ID: B1-S-2-D

Report Date: 04/25/06
Collection Date: 03/28/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
POLYCHLORINATED BIPHENYLS (PCB'S)							
Aroclor 1248	ND	mg/kg		1.7		SW8082	04/10/06 14:19 / lw
Aroclor 1254	11	mg/kg		1.7		SW8082	04/10/06 14:19 / lw
Aroclor 1260	ND	mg/kg		1.7		SW8082	04/10/06 14:19 / lw
Aroclor 1262	ND	mg/kg		1.7		SW8082	04/10/06 14:19 / lw
Aroclor 1268	ND	mg/kg		1.7		SW8082	04/10/06 14:19 / lw
Surr: Decachlorobiphenyl	213	%REC	S		50-126	SW8082	04/07/06 18:35 / lw
Surr: Tetrachloro-m-xylene	63.0	%REC			42-115	SW8082	04/07/06 18:35 / lw

The high percent recovery of Decachlorobiphenyl is due to sample matrix interferences. Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-002
Client Sample ID: B2-S-2-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE							
pH, sat. paste	6.6	s.u.		0.1		ASAM10-3.2	04/10/06 15:02 / jjm
Conductivity, sat. paste	2.92	mmhos/cm		0.01		ASAM10-3	04/10/06 15:02 / jjm
VOLATILE ORGANIC COMPOUNDS							
Acetonitrile	ND	mg/kg		6.64		SW8260B	04/10/06 17:24 / sbd
Acetone	ND	mg/kg		6.64		SW8260B	04/10/06 17:24 / sbd
Acrolein	ND	mg/kg		6.64		SW8260B	04/10/06 17:24 / sbd
Acrylonitrile	ND	mg/kg		6.64		SW8260B	04/10/06 17:24 / sbd
Benzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Bromobenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Bromochloromethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Bromodichloromethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Bromoform	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Bromomethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
n-Butylbenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
sec-Butylbenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
tert-Butylbenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Carbon disulfide	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Carbon tetrachloride	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Chlorobenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Chlorodibromomethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Chloroethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
2-Chloroethyl vinyl ether	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Chloroform	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Chloromethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
2-Chlorotoluene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
4-Chlorotoluene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,2-Dibromo-3-chloropropane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,2-Dibromoethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Dibromomethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,2-Dichlorobenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,3-Dichlorobenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,4-Dichlorobenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Dichlorodifluoromethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,1-Dichloroethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,2-Dichloroethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,1-Dichloroethene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
cis-1,2-Dichloroethene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
trans-1,2-Dichloroethene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,2-Dichloropropane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,3-Dichloropropane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-002
Client Sample ID: B2-S-2-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
2,2-Dichloropropane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,1-Dichloropropene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
cis-1,3-Dichloropropene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
trans-1,3-Dichloropropene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Ethylbenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Hexachlorobutadiene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
2-Hexanone	ND	mg/kg		6.64		SW8260B	04/10/06 17:24 / sbd
Iodomethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Isopropylbenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
p-Isopropyltoluene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Methyl tert-butyl ether (MTBE)	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Methyl ethyl ketone	ND	mg/kg		6.64		SW8260B	04/10/06 17:24 / sbd
Methyl isobutyl ketone	ND	mg/kg		6.64		SW8260B	04/10/06 17:24 / sbd
Methylene chloride	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Naphthalene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
n-Propylbenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Styrene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,1,1,2-Tetrachloroethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,1,2,2-Tetrachloroethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Tetrachloroethene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Toluene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,2,3-Trichlorobenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,2,4-Trichlorobenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,1,1-Trichloroethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,1,2-Trichloroethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Trichloroethene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Trichlorofluoromethane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,2,3-Trichloropropane	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,2,4-Trimethylbenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
1,3,5-Trimethylbenzene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Vinyl acetate	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Vinyl chloride	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
m+p-Xylenes	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
o-Xylene	ND	mg/kg		0.332		SW8260B	04/10/06 17:24 / sbd
Surr: 1,2-Dichloroethane-d4	107	%REC			60-136	SW8260B	04/10/06 17:24 / sbd
Surr: Dibromofluoromethane	109	%REC			70-132	SW8260B	04/10/06 17:24 / sbd
Surr: p-Bromofluorobenzene	92.0	%REC			78-160	SW8260B	04/10/06 17:24 / sbd
Surr: Toluene-d8	97.0	%REC			75-138	SW8260B	04/10/06 17:24 / sbd
-Results are corrected for the high level of moisture in the sample.							
SEMI-VOLATILE ORGANIC COMPOUNDS							
1,2,4-Trichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-002
Client Sample ID: B2-S-2-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SEMI-VOLATILE ORGANIC COMPOUNDS							
1,2-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
1,3-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
1,4-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
1-Methylnaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
2,4,5-Trichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
2,4,6-Trichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
2,4-Dichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
2,4-Dimethylphenol	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
2,4-Dinitrophenol	ND	mg/kg		1.7		SW8270C	04/10/06 18:15 / sm
2,4-Dinitrotoluene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
2,6-Dinitrotoluene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
2-Chloronaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
2-Chlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
2-Methylnaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
2-Nitrophenol	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
3,3'-Dichlorobenzidine	ND	mg/kg		0.67		SW8270C	04/10/06 18:15 / sm
4,6-Dinitro-2-methylphenol	ND	mg/kg		1.7		SW8270C	04/10/06 18:15 / sm
4-Bromophenyl phenyl ether	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
4-Chloro-3-methylphenol	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
4-Chlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
4-Chlorophenyl phenyl ether	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
4-Nitrophenol	ND	mg/kg		1.7		SW8270C	04/10/06 18:15 / sm
Acenaphthene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Acenaphthylene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Azobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Benzidine	ND	mg/kg		0.67		SW8270C	04/10/06 18:15 / sm
Benzo(a)anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Benzo(a)pyrene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Benzo(b)fluoranthene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Benzo(g,h,i)perylene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Benzo(k)fluoranthene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
bis(-2-chloroethoxy)Methane	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
bis(-2-chloroethyl)Ether	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
bis(2-chloroisopropyl)Ether	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
bis(2-ethylhexyl)Phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Butylbenzylphthalate	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Chrysene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Dibenzo(a,h)anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Diethyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Dimethyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-002
Client Sample ID: B2-S-2-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SEMI-VOLATILE ORGANIC COMPOUNDS							
Di-n-butyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Di-n-octyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Fluoranthene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Fluorene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Hexachlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Hexachlorobutadiene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Hexachlorocyclopentadiene	ND	mg/kg		0.67		SW8270C	04/10/06 18:15 / sm
Hexachloroethane	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Indeno(1,2,3-cd)pyrene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Isophorone	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
m+p-Cresols	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Naphthalene	0.056	mg/kg	J	0.33		SW8270C	04/10/06 18:15 / sm
Nitrobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
n-Nitrosodimethylamine	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
n-Nitroso-di-n-propylamine	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
n-Nitrosodiphenylamine	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
o-Cresol	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Pentachlorophenol	ND	mg/kg		1.7		SW8270C	04/10/06 18:15 / sm
Phenanthrene	0.068	mg/kg	J	0.33		SW8270C	04/10/06 18:15 / sm
Phenol	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Pyrene	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Pyridine	ND	mg/kg		0.33		SW8270C	04/10/06 18:15 / sm
Surr: 2,4,6-Tribromophenol	78.0	%REC			19-122	SW8270C	04/10/06 18:15 / sm
Surr: 2-Fluorobiphenyl	64.0	%REC			30-115	SW8270C	04/10/06 18:15 / sm
Surr: 2-Fluorophenol	67.0	%REC			25-121	SW8270C	04/10/06 18:15 / sm
Surr: Nitrobenzene-d5	63.0	%REC			23-120	SW8270C	04/10/06 18:15 / sm
Surr: Phenol-d5	71.0	%REC			24-113	SW8270C	04/10/06 18:15 / sm
Surr: Terphenyl-d14	59.0	%REC			18-137	SW8270C	04/10/06 18:15 / sm
HERBICIDES, CHLORINATED							
2,4,5-T	ND	mg/kg		0.0040		SW8151A	04/15/06 02:25 / jml
2,4,5-TP (Silvex)	ND	mg/kg		0.0040		SW8151A	04/15/06 02:25 / jml
2,4-D	ND	mg/kg		0.020		SW8151A	04/15/06 02:25 / jml
2,4-DB	ND	mg/kg		0.050		SW8151A	04/15/06 02:25 / jml
3,5-Dichlorobenzoic Acid	ND	mg/kg		0.010		SW8151A	04/15/06 02:25 / jml
4-Nitrophenol	ND	mg/kg		0.010		SW8151A	04/15/06 02:25 / jml
Acifluorfen	ND	mg/kg		0.010		SW8151A	04/15/06 02:25 / jml
Bentazon	ND	mg/kg		0.050		SW8151A	04/15/06 02:25 / jml
Chloramben	ND	mg/kg		0.010		SW8151A	04/15/06 02:25 / jml
Dacthal	ND	mg/kg		0.020		SW8151A	04/15/06 02:25 / jml
Dalapon	ND	mg/kg		0.050		SW8151A	04/15/06 02:25 / jml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
J - Estimated value. The analyte was present but less than the reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-002
Client Sample ID: B2-S-2-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
HERBICIDES, CHLORINATED							
Dicamba	ND	mg/kg		0.0050		SW8151A	04/15/06 02:25 / jml
Dichlorprop	ND	mg/kg		0.020		SW8151A	04/15/06 02:25 / jml
Dinoseb	ND	mg/kg		0.020		SW8151A	04/15/06 02:25 / jml
MCPA	ND	mg/kg		4.0		SW8151A	04/15/06 02:25 / jml
MCPP	ND	mg/kg		4.0		SW8151A	04/15/06 02:25 / jml
Pentachlorophenol	ND	mg/kg		0.0020		SW8151A	04/15/06 02:25 / jml
Picloram	ND	mg/kg		0.010		SW8151A	04/15/06 02:25 / jml
Surr: DCAA	94.0	%REC			45-130	SW8151A	04/15/06 02:25 / jml
ORGANOCHLORINE PESTICIDES							
4,4'-DDD	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
4,4'-DDE	ND	mg/kg		0.63		SW8081A	04/11/06 17:17 / lw
4,4'-DDT	ND	mg/kg		0.84		SW8081A	04/11/06 17:17 / lw
Aldrin	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
alpha-BHC	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
alpha-Chlordane	ND	mg/kg		0.092		SW8081A	04/11/06 17:17 / lw
beta-BHC	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
Chlordane	ND	mg/kg		1.7		SW8081A	04/11/06 17:17 / lw
delta-BHC	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
Dieldrin	ND	mg/kg		2.2		SW8081A	04/11/06 17:17 / lw
Endosulfan I	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
Endosulfan II	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
Endosulfan sulfate	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
Endrin	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
Endrin aldehyde	ND	mg/kg		0.32		SW8081A	04/11/06 17:17 / lw
Endrin ketone	ND	mg/kg		0.40		SW8081A	04/11/06 17:17 / lw
gamma-BHC (Lindane)	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
gamma-Chlordane	ND	mg/kg		0.64		SW8081A	04/11/06 17:17 / lw
Heptachlor	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
Heptachlor epoxide	ND	mg/kg		0.17		SW8081A	04/11/06 17:17 / lw
Methoxychlor	ND	mg/kg		1.3		SW8081A	04/11/06 17:17 / lw
Toxaphene	ND	mg/kg		17		SW8081A	04/11/06 17:17 / lw
Surr: Decachlorobiphenyl	0	%REC	O		50-126	SW8081A	04/11/06 17:17 / lw
Surr: Tetrachloro-m-xylene	0	%REC	O		42-115	SW8081A	04/11/06 17:17 / lw
Reporting Limits were raised for certain compounds due to sample matrix interferences.							
POLYCHLORINATED BIPHENYLS (PCB'S)							
Aroclor 1016	ND	mg/kg		1.7		SW8082	04/10/06 13:46 / lw
Aroclor 1221	ND	mg/kg		1.7		SW8082	04/10/06 13:46 / lw
Aroclor 1232	ND	mg/kg		1.7		SW8082	04/10/06 13:46 / lw
Aroclor 1242	ND	mg/kg		1.7		SW8082	04/10/06 13:46 / lw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
O - Diluted out.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-002
Client Sample ID: B2-S-2-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
POLYCHLORINATED BIPHENYLS (PCB'S)							
Aroclor 1248	ND	mg/kg		1.7		SW8082	04/10/06 13:46 / lw
Aroclor 1254	24	mg/kg		1.7		SW8082	04/10/06 13:46 / lw
Aroclor 1260	ND	mg/kg		1.7		SW8082	04/10/06 13:46 / lw
Aroclor 1262	ND	mg/kg		1.7		SW8082	04/10/06 13:46 / lw
Aroclor 1268	ND	mg/kg		1.7		SW8082	04/10/06 13:46 / lw
Surr: Decachlorobiphenyl	461	%REC	S		50-126	SW8082	04/07/06 19:09 / lw
Surr: Tetrachloro-m-xylene	74.0	%REC			42-115	SW8082	04/07/06 19:09 / lw

The high percent recovery of Decachlorobiphenyl is due to sample matrix interferences. Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-003
Client Sample ID: B3-S-1-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE							
pH, sat. paste	7.0	s.u.		0.1		ASAM10-3.2	04/10/06 15:02 / jjm
Conductivity, sat. paste	3.59	mmhos/cm		0.01		ASAM10-3	04/10/06 15:02 / jjm
VOLATILE ORGANIC COMPOUNDS							
Acetonitrile	ND	mg/kg		40.0		SW8260B	04/12/06 11:46 / sbd
Acetone	ND	mg/kg		40.0		SW8260B	04/12/06 11:46 / sbd
Acrolein	ND	mg/kg		40.0		SW8260B	04/12/06 11:46 / sbd
Acrylonitrile	ND	mg/kg		40.0		SW8260B	04/12/06 11:46 / sbd
Benzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Bromobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Bromochloromethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Bromodichloromethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Bromoform	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Bromomethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
n-Butylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
sec-Butylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
tert-Butylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Carbon disulfide	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Carbon tetrachloride	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Chlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Chlorodibromomethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Chloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
2-Chloroethyl vinyl ether	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Chloroform	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Chloromethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
2-Chlorotoluene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
4-Chlorotoluene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,2-Dibromo-3-chloropropane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,2-Dibromoethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Dibromomethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,2-Dichlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,3-Dichlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,4-Dichlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Dichlorodifluoromethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,1-Dichloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,2-Dichloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,1-Dichloroethene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
cis-1,2-Dichloroethene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
trans-1,2-Dichloroethene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,2-Dichloropropane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,3-Dichloropropane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-003
Client Sample ID: B3-S-1-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
2,2-Dichloropropane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,1-Dichloropropene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
cis-1,3-Dichloropropene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
trans-1,3-Dichloropropene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Ethylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Hexachlorobutadiene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
2-Hexanone	ND	mg/kg		40.0		SW8260B	04/12/06 11:46 / sbd
Iodomethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Isopropylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
p-Isopropyltoluene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Methyl tert-butyl ether (MTBE)	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Methyl ethyl ketone	ND	mg/kg		40.0		SW8260B	04/12/06 11:46 / sbd
Methyl isobutyl ketone	ND	mg/kg		40.0		SW8260B	04/12/06 11:46 / sbd
Methylene chloride	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Naphthalene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
n-Propylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Styrene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,1,1,2-Tetrachloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,1,2,2-Tetrachloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Tetrachloroethene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Toluene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,2,3-Trichlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,2,4-Trichlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,1,1-Trichloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,1,2-Trichloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Trichloroethene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Trichlorofluoromethane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,2,3-Trichloropropane	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,2,4-Trimethylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
1,3,5-Trimethylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Vinyl acetate	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Vinyl chloride	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
m+p-Xylenes	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
o-Xylene	ND	mg/kg		2.00		SW8260B	04/12/06 11:46 / sbd
Surr: 1,2-Dichloroethane-d4	96.0	%REC			60-136	SW8260B	04/12/06 11:46 / sbd
Surr: Dibromofluoromethane	97.0	%REC			70-132	SW8260B	04/12/06 11:46 / sbd
Surr: p-Bromofluorobenzene	97.0	%REC			78-160	SW8260B	04/12/06 11:46 / sbd
Surr: Toluene-d8	94.0	%REC			75-138	SW8260B	04/12/06 11:46 / sbd

- The reporting limit reflects a 10 times dilution. The sample was diluted due to low surrogate recovery from the sample matrix.

SEMI-VOLATILE ORGANIC COMPOUNDS							
1,2,4-Trichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-003
Client Sample ID: B3-S-1-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SEMI-VOLATILE ORGANIC COMPOUNDS							
1,2-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
1,3-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
1,4-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
1-Methylnaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
2,4,5-Trichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
2,4,6-Trichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
2,4-Dichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
2,4-Dimethylphenol	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
2,4-Dinitrophenol	ND	mg/kg		1.7		SW8270C	04/10/06 19:48 / sm
2,4-Dinitrotoluene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
2,6-Dinitrotoluene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
2-Chloronaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
2-Chlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
2-Methylnaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
2-Nitrophenol	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
3,3'-Dichlorobenzidine	ND	mg/kg		0.67		SW8270C	04/10/06 19:48 / sm
4,6-Dinitro-2-methylphenol	ND	mg/kg		1.7		SW8270C	04/10/06 19:48 / sm
4-Bromophenyl phenyl ether	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
4-Chloro-3-methylphenol	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
4-Chlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
4-Chlorophenyl phenyl ether	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
4-Nitrophenol	ND	mg/kg		1.7		SW8270C	04/10/06 19:48 / sm
Acenaphthene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Acenaphthylene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Azobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Benzidine	ND	mg/kg		0.67		SW8270C	04/10/06 19:48 / sm
Benzo(a)anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Benzo(a)pyrene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Benzo(b)fluoranthene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Benzo(g,h,i)perylene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Benzo(k)fluoranthene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
bis(-2-chloroethoxy)Methane	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
bis(-2-chloroethyl)Ether	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
bis(2-chloroisopropyl)Ether	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
bis(2-ethylhexyl)Phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Butylbenzylphthalate	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Chrysene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Dibenzo(a,h)anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Diethyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Dimethyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-003
Client Sample ID: B3-S-1-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SEMI-VOLATILE ORGANIC COMPOUNDS							
Di-n-butyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Di-n-octyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Fluoranthene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Fluorene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Hexachlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Hexachlorobutadiene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Hexachlorocyclopentadiene	ND	mg/kg		0.67		SW8270C	04/10/06 19:48 / sm
Hexachloroethane	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Indeno(1,2,3-cd)pyrene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Isophorone	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
m+p-Cresols	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Naphthalene	0.15	mg/kg	J	0.33		SW8270C	04/10/06 19:48 / sm
Nitrobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
n-Nitrosodimethylamine	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
n-Nitroso-di-n-propylamine	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
n-Nitrosodiphenylamine	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
o-Cresol	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Pentachlorophenol	ND	mg/kg		1.7		SW8270C	04/10/06 19:48 / sm
Phenanthrene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Phenol	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Pyrene	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Pyridine	ND	mg/kg		0.33		SW8270C	04/10/06 19:48 / sm
Surr: 2,4,6-Tribromophenol	89.0	%REC			19-122	SW8270C	04/10/06 19:48 / sm
Surr: 2-Fluorobiphenyl	75.0	%REC			30-115	SW8270C	04/10/06 19:48 / sm
Surr: 2-Fluorophenol	78.0	%REC			25-121	SW8270C	04/10/06 19:48 / sm
Surr: Nitrobenzene-d5	76.0	%REC			23-120	SW8270C	04/10/06 19:48 / sm
Surr: Phenol-d5	80.0	%REC			24-113	SW8270C	04/10/06 19:48 / sm
Surr: Terphenyl-d14	73.0	%REC			18-137	SW8270C	04/10/06 19:48 / sm
HERBICIDES, CHLORINATED							
2,4,5-T	ND	mg/kg		0.0040		SW8151A	04/15/06 02:54 / jml
2,4,5-TP (Silvex)	ND	mg/kg		0.0040		SW8151A	04/15/06 02:54 / jml
2,4-D	ND	mg/kg		0.020		SW8151A	04/15/06 02:54 / jml
2,4-DB	ND	mg/kg		0.050		SW8151A	04/15/06 02:54 / jml
3,5-Dichlorobenzoic Acid	ND	mg/kg		0.010		SW8151A	04/15/06 02:54 / jml
4-Nitrophenol	ND	mg/kg		0.010		SW8151A	04/15/06 02:54 / jml
Acifluorfen	ND	mg/kg		0.010		SW8151A	04/15/06 02:54 / jml
Bentazon	ND	mg/kg		0.050		SW8151A	04/15/06 02:54 / jml
Chloramben	ND	mg/kg		0.010		SW8151A	04/15/06 02:54 / jml
Dacthal	ND	mg/kg		0.020		SW8151A	04/15/06 02:54 / jml
Dalapon	ND	mg/kg		0.050		SW8151A	04/15/06 02:54 / jml

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
J - Estimated value. The analyte was present but less than the reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-003
Client Sample ID: B3-S-1-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
HERBICIDES, CHLORINATED							
Dicamba	ND	mg/kg		0.0050		SW8151A	04/15/06 02:54 / jml
Dichlorprop	ND	mg/kg		0.020		SW8151A	04/15/06 02:54 / jml
Dinoseb	ND	mg/kg		0.020		SW8151A	04/15/06 02:54 / jml
MCPA	ND	mg/kg		4.0		SW8151A	04/15/06 02:54 / jml
MCPP	ND	mg/kg		4.0		SW8151A	04/15/06 02:54 / jml
Pentachlorophenol	0.0028	mg/kg		0.0020		SW8151A	04/15/06 02:54 / jml
Picloram	ND	mg/kg		0.010		SW8151A	04/15/06 02:54 / jml
Surr: DCAA	84.0	%REC			45-130	SW8151A	04/15/06 02:54 / jml
ORGANOCHLORINE PESTICIDES							
4,4'-DDD	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
4,4'-DDE	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
4,4'-DDT	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Aldrin	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
alpha-BHC	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
alpha-Chlordane	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
beta-BHC	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Chlordane	ND	mg/kg		1.7		SW8081A	04/11/06 17:51 / lw
delta-BHC	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Dieldrin	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Endosulfan I	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Endosulfan II	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Endosulfan sulfate	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Endrin	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Endrin aldehyde	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Endrin ketone	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
gamma-BHC (Lindane)	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
gamma-Chlordane	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Heptachlor	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Heptachlor epoxide	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Methoxychlor	ND	mg/kg		0.17		SW8081A	04/11/06 17:51 / lw
Toxaphene	ND	mg/kg		17		SW8081A	04/11/06 17:51 / lw
Surr: Decachlorobiphenyl	0	%REC	O		50-126	SW8081A	04/11/06 17:51 / lw
Surr: Tetrachloro-m-xylene	0	%REC	O		42-115	SW8081A	04/11/06 17:51 / lw
POLYCHLORINATED BIPHENYLS (PCB'S)							
Aroclor 1016	ND	mg/kg		1.7		SW8082	04/10/06 15:27 / lw
Aroclor 1221	ND	mg/kg		1.7		SW8082	04/10/06 15:27 / lw
Aroclor 1232	ND	mg/kg		1.7		SW8082	04/10/06 15:27 / lw
Aroclor 1242	ND	mg/kg		1.7		SW8082	04/10/06 15:27 / lw
Aroclor 1248	ND	mg/kg		1.7		SW8082	04/10/06 15:27 / lw

Report Definitions:
RL - Analyte reporting limit.
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O - Diluted out.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-003
Client Sample ID: B3-S-1-D

Report Date: 04/25/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
POLYCHLORINATED BIPHENYLS (PCB'S)							
Aroclor 1254	2.1	mg/kg		1.7		SW8082	04/10/06 15:27 / lw
Aroclor 1260	ND	mg/kg		1.7		SW8082	04/10/06 15:27 / lw
Aroclor 1262	ND	mg/kg		1.7		SW8082	04/10/06 15:27 / lw
Aroclor 1268	ND	mg/kg		1.7		SW8082	04/10/06 15:27 / lw
Surr: Decachlorobiphenyl	110	%REC			50-126	SW8082	04/07/06 20:48 / lw
Surr: Tetrachloro-m-xylene	70.0	%REC			42-115	SW8082	04/07/06 20:48 / lw

Because the sample amount was significantly higher than the spike amount, the Matrix Spike samples were calculated as Duplicate samples based on the spike amount added plus the original sample concentration. Poor matrix spike performance is attributed to a non-homogeneous sample matrix. Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
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MCL - Maximum contaminant level.
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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-004
Client Sample ID: B4-S-1-D

Report Date: 04/25/06
Collection Date: 03/30/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE							
pH, sat. paste	7.4	s.u.		0.1		ASAM10-3.2	04/10/06 15:02 / jjm
Conductivity, sat. paste	3.71	mmhos/cm		0.01		ASAM10-3	04/10/06 15:02 / jjm
VOLATILE ORGANIC COMPOUNDS							
Acetonitrile	ND	mg/kg		40.0		SW8260B	04/12/06 12:20 / sbd
Acetone	ND	mg/kg		40.0		SW8260B	04/12/06 12:20 / sbd
Acrolein	ND	mg/kg		40.0		SW8260B	04/12/06 12:20 / sbd
Acrylonitrile	ND	mg/kg		40.0		SW8260B	04/12/06 12:20 / sbd
Benzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Bromobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Bromochloromethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Bromodichloromethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Bromoform	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Bromomethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
n-Butylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
sec-Butylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
tert-Butylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Carbon disulfide	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Carbon tetrachloride	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Chlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Chlorodibromomethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Chloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
2-Chloroethyl vinyl ether	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Chloroform	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Chloromethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
2-Chlorotoluene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
4-Chlorotoluene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,2-Dibromo-3-chloropropane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,2-Dibromoethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Dibromomethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,2-Dichlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,3-Dichlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,4-Dichlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Dichlorodifluoromethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,1-Dichloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,2-Dichloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,1-Dichloroethene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
cis-1,2-Dichloroethene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
trans-1,2-Dichloroethene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,2-Dichloropropane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,3-Dichloropropane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd

Report Definitions:
RL - Analyte reporting limit.
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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-004
Client Sample ID: B4-S-1-D

Report Date: 04/25/06
Collection Date: 03/30/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
2,2-Dichloropropane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,1-Dichloropropene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
cis-1,3-Dichloropropene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
trans-1,3-Dichloropropene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Ethylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Hexachlorobutadiene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
2-Hexanone	ND	mg/kg		40.0		SW8260B	04/12/06 12:20 / sbd
Iodomethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Isopropylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
p-Isopropyltoluene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Methyl tert-butyl ether (MTBE)	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Methyl ethyl ketone	ND	mg/kg		40.0		SW8260B	04/12/06 12:20 / sbd
Methyl isobutyl ketone	ND	mg/kg		40.0		SW8260B	04/12/06 12:20 / sbd
Methylene chloride	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Naphthalene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
n-Propylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Styrene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,1,1,2-Tetrachloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,1,2,2-Tetrachloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Tetrachloroethene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Toluene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,2,3-Trichlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,2,4-Trichlorobenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,1,1-Trichloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,1,2-Trichloroethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Trichloroethene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Trichlorofluoromethane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,2,3-Trichloropropane	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,2,4-Trimethylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
1,3,5-Trimethylbenzene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Vinyl acetate	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Vinyl chloride	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
m+p-Xylenes	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
o-Xylene	ND	mg/kg		2.00		SW8260B	04/12/06 12:20 / sbd
Surr: 1,2-Dichloroethane-d4	98.0	%REC			60-136	SW8260B	04/12/06 12:20 / sbd
Surr: Dibromofluoromethane	99.0	%REC			70-132	SW8260B	04/12/06 12:20 / sbd
Surr: p-Bromofluorobenzene	85.0	%REC			78-160	SW8260B	04/12/06 12:20 / sbd
Surr: Toluene-d8	88.0	%REC			75-138	SW8260B	04/12/06 12:20 / sbd

- The reporting limit reflects a 10 times dilution. The sample was diluted due to low surrogate recovery from the sample matrix.

SEMI-VOLATILE ORGANIC COMPOUNDS							
1,2,4-Trichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm

Report Definitions:
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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-004
Client Sample ID: B4-S-1-D

Report Date: 04/25/06
Collection Date: 03/30/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SEMI-VOLATILE ORGANIC COMPOUNDS							
1,2-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
1,3-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
1,4-Dichlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
1-Methylnaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
2,4,5-Trichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
2,4,6-Trichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
2,4-Dichlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
2,4-Dimethylphenol	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
2,4-Dinitrophenol	ND	mg/kg		1.7		SW8270C	04/10/06 20:19 / sm
2,4-Dinitrotoluene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
2,6-Dinitrotoluene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
2-Chloronaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
2-Chlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
2-Methylnaphthalene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
2-Nitrophenol	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
3,3'-Dichlorobenzidine	ND	mg/kg		0.67		SW8270C	04/10/06 20:19 / sm
4,6-Dinitro-2-methylphenol	ND	mg/kg		1.7		SW8270C	04/10/06 20:19 / sm
4-Bromophenyl phenyl ether	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
4-Chloro-3-methylphenol	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
4-Chlorophenol	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
4-Chlorophenyl phenyl ether	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
4-Nitrophenol	ND	mg/kg		1.7		SW8270C	04/10/06 20:19 / sm
Acenaphthene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Acenaphthylene	0.17	mg/kg	J	0.33		SW8270C	04/10/06 20:19 / sm
Anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Azobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Benzidine	ND	mg/kg		0.67		SW8270C	04/10/06 20:19 / sm
Benzo(a)anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Benzo(a)pyrene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Benzo(b)fluoranthene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Benzo(g,h,i)perylene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Benzo(k)fluoranthene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
bis(-2-chloroethoxy)Methane	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
bis(-2-chloroethyl)Ether	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
bis(2-chloroisopropyl)Ether	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
bis(2-ethylhexyl)Phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Butylbenzylphthalate	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Chrysene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Dibenzo(a,h)anthracene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Diethyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Dimethyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-004
Client Sample ID: B4-S-1-D

Report Date: 04/25/06
Collection Date: 03/30/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
SEMI-VOLATILE ORGANIC COMPOUNDS							
Di-n-butyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Di-n-octyl phthalate	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Fluoranthene	0.080	mg/kg	J	0.33		SW8270C	04/10/06 20:19 / sm
Fluorene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Hexachlorobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Hexachlorobutadiene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Hexachlorocyclopentadiene	ND	mg/kg		0.67		SW8270C	04/10/06 20:19 / sm
Hexachloroethane	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Indeno(1,2,3-cd)pyrene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Isophorone	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
m+p-Cresols	0.39	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Naphthalene	1.3	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Nitrobenzene	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
n-Nitrosodimethylamine	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
n-Nitroso-di-n-propylamine	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
n-Nitrosodiphenylamine	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
o-Cresol	0.095	mg/kg	J	0.33		SW8270C	04/10/06 20:19 / sm
Pentachlorophenol	ND	mg/kg		1.7		SW8270C	04/10/06 20:19 / sm
Phenanthrene	0.19	mg/kg	J	0.33		SW8270C	04/10/06 20:19 / sm
Phenol	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Pyrene	0.082	mg/kg	J	0.33		SW8270C	04/10/06 20:19 / sm
Pyridine	ND	mg/kg		0.33		SW8270C	04/10/06 20:19 / sm
Surr: 2,4,6-Tribromophenol	97.0	%REC			19-122	SW8270C	04/10/06 20:19 / sm
Surr: 2-Fluorobiphenyl	86.0	%REC			30-115	SW8270C	04/10/06 20:19 / sm
Surr: 2-Fluorophenol	94.0	%REC			25-121	SW8270C	04/10/06 20:19 / sm
Surr: Nitrobenzene-d5	86.0	%REC			23-120	SW8270C	04/10/06 20:19 / sm
Surr: Phenol-d5	100	%REC			24-113	SW8270C	04/10/06 20:19 / sm
Surr: Terphenyl-d14	91.0	%REC			18-137	SW8270C	04/10/06 20:19 / sm
HERBICIDES, CHLORINATED							
2,4,5-T	ND	mg/kg		0.0040		SW8151A	04/15/06 03:23 / jml
2,4,5-TP (Silvex)	ND	mg/kg		0.0040		SW8151A	04/15/06 03:23 / jml
2,4-D	ND	mg/kg		0.020		SW8151A	04/15/06 03:23 / jml
2,4-DB	ND	mg/kg		0.050		SW8151A	04/15/06 03:23 / jml
3,5-Dichlorobenzoic Acid	ND	mg/kg		0.010		SW8151A	04/15/06 03:23 / jml
4-Nitrophenol	ND	mg/kg		0.010		SW8151A	04/15/06 03:23 / jml
Acifluorfen	ND	mg/kg		0.010		SW8151A	04/15/06 03:23 / jml
Bentazon	ND	mg/kg		0.050		SW8151A	04/15/06 03:23 / jml
Chloramben	ND	mg/kg		0.010		SW8151A	04/15/06 03:23 / jml
Dacthal	ND	mg/kg		0.020		SW8151A	04/15/06 03:23 / jml
Dalapon	ND	mg/kg		0.050		SW8151A	04/15/06 03:23 / jml

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-004
Client Sample ID: B4-S-1-D

Report Date: 04/25/06
Collection Date: 03/30/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
HERBICIDES, CHLORINATED							
Dicamba	ND	mg/kg		0.0050		SW8151A	04/15/06 03:23 / jml
Dichlorprop	ND	mg/kg		0.020		SW8151A	04/15/06 03:23 / jml
Dinoseb	ND	mg/kg		0.020		SW8151A	04/15/06 03:23 / jml
MCPA	ND	mg/kg		4.0		SW8151A	04/15/06 03:23 / jml
MCPP	ND	mg/kg		4.0		SW8151A	04/15/06 03:23 / jml
Pentachlorophenol	0.0019	mg/kg	J	0.0020		SW8151A	04/15/06 03:23 / jml
Picloram	ND	mg/kg		0.010		SW8151A	04/15/06 03:23 / jml
Surr: DCAA	90.0	%REC			45-130	SW8151A	04/15/06 03:23 / jml
ORGANOCHLORINE PESTICIDES							
4,4'-DDD	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
4,4'-DDE	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
4,4'-DDT	ND	mg/kg		0.0033		SW8081A	04/11/06 16:11 / lw
Aldrin	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
alpha-BHC	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
alpha-Chlordane	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
beta-BHC	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
Chlordane	ND	mg/kg		0.017		SW8081A	04/11/06 16:11 / lw
delta-BHC	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
Dieldrin	ND	mg/kg		0.010		SW8081A	04/11/06 16:11 / lw
Endosulfan I	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
Endosulfan II	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
Endosulfan sulfate	ND	mg/kg		0.0022		SW8081A	04/11/06 16:11 / lw
Endrin	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
Endrin aldehyde	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
Endrin ketone	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
gamma-BHC (Lindane)	ND	mg/kg		0.0020		SW8081A	04/11/06 16:11 / lw
gamma-Chlordane	ND	mg/kg		0.0020		SW8081A	04/11/06 16:11 / lw
Heptachlor	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
Heptachlor epoxide	ND	mg/kg		0.0017		SW8081A	04/11/06 16:11 / lw
Methoxychlor	ND	mg/kg		0.0054		SW8081A	04/11/06 16:11 / lw
Toxaphene	ND	mg/kg		0.17		SW8081A	04/11/06 16:11 / lw
Surr: Decachlorobiphenyl	76.0	%REC			50-126	SW8081A	04/11/06 16:11 / lw
Surr: Tetrachloro-m-xylene	64.0	%REC			42-115	SW8081A	04/11/06 16:11 / lw
Reporting Limits were raised for certain compounds due to sample matrix interferences.							
POLYCHLORINATED BIPHENYLS (PCB'S)							
Aroclor 1016	ND	mg/kg		0.017		SW8082	04/10/06 12:39 / lw
Aroclor 1221	ND	mg/kg		0.017		SW8082	04/10/06 12:39 / lw
Aroclor 1232	ND	mg/kg		0.017		SW8082	04/10/06 12:39 / lw
Aroclor 1242	ND	mg/kg		0.017		SW8082	04/10/06 12:39 / lw

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MCL - Maximum contaminant level.
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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-004
Client Sample ID: B4-S-1-D

Report Date: 04/25/06
Collection Date: 03/30/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
POLYCHLORINATED BIPHENYLS (PCB'S)							
Aroclor 1248	ND	mg/kg		0.017		SW8082	04/10/06 12:39 / lw
Aroclor 1254	0.11	mg/kg		0.017		SW8082	04/10/06 12:39 / lw
Aroclor 1260	ND	mg/kg		0.017		SW8082	04/10/06 12:39 / lw
Aroclor 1262	ND	mg/kg		0.017		SW8082	04/10/06 12:39 / lw
Aroclor 1268	ND	mg/kg		0.017		SW8082	04/10/06 12:39 / lw
Surr: Decachlorobiphenyl	84.0	%REC			50-126	SW8082	04/10/06 12:39 / lw
Surr: Tetrachloro-m-xylene	72.0	%REC			42-115	SW8082	04/10/06 12:39 / lw

Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report Definitions:
RL - Analyte reporting limit.
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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8081A									Batch: B_20504
Sample ID: MB-20504	Method Blank				Run: SUB-B74277				04/11/06 13:23
4,4´-DDD	ND	mg/kg	0.0017						
4,4´-DDE	ND	mg/kg	0.0017						
4,4´-DDT	ND	mg/kg	0.0017						
Aldrin	ND	mg/kg	0.0017						
alpha-BHC	ND	mg/kg	0.0017						
alpha-Chlordane	ND	mg/kg	0.0017						
beta-BHC	ND	mg/kg	0.0017						
Chlordane	ND	mg/kg	0.017						
delta-BHC	ND	mg/kg	0.0017						
Dieldrin	ND	mg/kg	0.0017						
Endosulfan I	ND	mg/kg	0.0017						
Endosulfan II	ND	mg/kg	0.0017						
Endosulfan sulfate	ND	mg/kg	0.0017						
Endrin	ND	mg/kg	0.0017						
Endrin aldehyde	ND	mg/kg	0.0017						
Endrin ketone	ND	mg/kg	0.0017						
gamma-BHC (Lindane)	ND	mg/kg	0.0017						
gamma-Chlordane	ND	mg/kg	0.0017						
Heptachlor	ND	mg/kg	0.0017						
Heptachlor epoxide	ND	mg/kg	0.0017						
Methoxychlor	ND	mg/kg	0.0017						
Toxaphene	ND	mg/kg	0.17						
Surr: Decachlorobiphenyl			0.0017	86	50	126			
Surr: Tetrachloro-m-xylene			0.0017	71	42	115			
Sample ID: LCS-20504	Laboratory Control Spike				Run: SUB-B74277				04/11/06 13:57
4,4´-DDD	0.0268	mg/kg	0.0017	80	66	141			
4,4´-DDE	0.0267	mg/kg	0.0017	80	63	140			
4,4´-DDT	0.0313	mg/kg	0.0017	94	71	146			
Aldrin	0.0239	mg/kg	0.0017	72	56	121			
alpha-BHC	0.0260	mg/kg	0.0017	78	47	122			
alpha-Chlordane	0.0263	mg/kg	0.0017	79	68	126			
beta-BHC	0.0275	mg/kg	0.0017	82	48	145			
delta-BHC	0.0269	mg/kg	0.0017	81	47	144			
Dieldrin	0.0257	mg/kg	0.0017	77	72	140			
Endosulfan I	0.0252	mg/kg	0.0017	76	51	153			
Endosulfan II	0.0245	mg/kg	0.0017	73	62	148			
Endosulfan sulfate	0.0247	mg/kg	0.0017	74	58	147			
Endrin	0.0283	mg/kg	0.0017	85	61	161			
Endrin aldehyde	0.0227	mg/kg	0.0017	68	38	144			
Endrin ketone	0.0266	mg/kg	0.0017	80	68	142			

Qualifiers:

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8081A									Batch: B_20504
Sample ID: LCS-20504	Laboratory Control Spike				Run: SUB-B74277				04/11/06 13:57
gamma-BHC (Lindane)	0.0281	mg/kg	0.0017	84	54	126			
gamma-Chlordane	0.0268	mg/kg	0.0017	80	72	121			
Heptachlor	0.0280	mg/kg	0.0017	84	52	128			
Heptachlor epoxide	0.0265	mg/kg	0.0017	79	70	126			
Methoxychlor	0.0403	mg/kg	0.0017	121	68	142			
Surr: Decachlorobiphenyl			0.0017	73	50	126			
Surr: Tetrachloro-m-xylene			0.0017	61	42	115			
Due to the high level of target compounds present the Matrix Spike samples for pesticides were diluted out of range at analysis.									
Sample ID: LCS3-20504	Laboratory Control Spike				Run: SUB-B74277				04/11/06 14:31
Toxaphene	0.145	mg/kg	0.17	87	55	121			
Surr: Decachlorobiphenyl			0.0017	86	50	126			
Surr: Tetrachloro-m-xylene			0.0017	69	42	115			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8082								Batch: B_20504	
Sample ID: MB-20504	Method Blank				Run: SUB-B74022			04/07/06 16:55	
Aroclor 1016	ND	mg/kg	0.017						
Aroclor 1221	ND	mg/kg	0.017						
Aroclor 1232	ND	mg/kg	0.017						
Aroclor 1242	ND	mg/kg	0.017						
Aroclor 1248	ND	mg/kg	0.017						
Aroclor 1254	ND	mg/kg	0.017						
Aroclor 1260	ND	mg/kg	0.017						
Aroclor 1262	ND	mg/kg	0.017						
Aroclor 1268	ND	mg/kg	0.017						
Surr: Decachlorobiphenyl			0.0017	111	50	126			
Surr: Tetrachloro-m-xylene			0.0017	75	42	115			
Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Sample ID: LCS1-20504	Laboratory Control Spike				Run: SUB-B74022			04/07/06 17:29	
Aroclor 1248	0.340	mg/kg	0.017	102	66	113			
Surr: Decachlorobiphenyl			0.0017	111	50	126			
Surr: Tetrachloro-m-xylene			0.0017	75	42	115			
Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Sample ID: H06030235-003A	Sample Duplicate				Run: SUB-B74059			04/10/06 16:00	
Aroclor 1016	ND	mg/kg	1.7				0	40	
Aroclor 1221	ND	mg/kg	1.7				0	40	
Aroclor 1232	ND	mg/kg	1.7				0	40	
Aroclor 1242	ND	mg/kg	1.7				0	40	
Aroclor 1248	ND	mg/kg	1.7				0	40	
Aroclor 1254	2.85	mg/kg	1.7				14	40	
Aroclor 1260	ND	mg/kg	1.7				0	40	
Aroclor 1262	ND	mg/kg	1.7				0	40	
Aroclor 1268	ND	mg/kg	1.7				0	40	
Because the sample amount was significantly higher than the spike amount, the Matrix Spike samples were calculated as Duplicate samples based on the spike amount added plus the original sample concentration. Poor matrix spike performance is attributed to a non-homogeneous sample matrix. Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.									
Sample ID: H06030235-003A	Sample Duplicate				Run: SUB-B74059			04/10/06 16:34	
Aroclor 1016	ND	mg/kg	1.7				0	40	
Aroclor 1221	ND	mg/kg	1.7				0	40	
Aroclor 1232	ND	mg/kg	1.7				0	40	
Aroclor 1242	ND	mg/kg	1.7				0	40	
Aroclor 1248	ND	mg/kg	1.7				0	40	
Aroclor 1254	4.43	mg/kg	1.7				57	40	R
Aroclor 1260	ND	mg/kg	1.7				0	40	
Aroclor 1262	ND	mg/kg	1.7				0	40	
Aroclor 1268	ND	mg/kg	1.7				0	40	

Qualifiers:

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
R - RPD exceeds advisory limit.

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877-472-0711 • 406-442-0711 • 406-442-0712 fax • helena@energylab.com

QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual

Method: **SW8082** Batch: B_20504

Sample ID: **H06030235-003A** Sample Duplicate Run: SUB-B74059 04/10/06 16:34

Because the sample amount was significantly higher than the spike amount, the Matrix Spike samples were calculated as Duplicate samples based on the spike amount added plus the original sample concentration. Poor matrix spike performance is attributed to a non-homogeneous sample matrix. Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8151A									Batch: B_20535
Sample ID: MB-20535	Method Blank				Run: SUB-B74606				04/14/06 23:58
2,4,5-T	ND	mg/kg	0.0040						
2,4,5-TP (Silvex)	ND	mg/kg	0.0040						
2,4-D	ND	mg/kg	0.020						
2,4-DB	ND	mg/kg	0.050						
3,5-Dichlorobenzoic Acid	ND	mg/kg	0.010						
4-Nitrophenol	ND	mg/kg	0.010						
Acifluorfen	ND	mg/kg	0.010						
Bentazon	ND	mg/kg	0.050						
Chloramben	ND	mg/kg	0.010						
Dacthal	ND	mg/kg	0.020						
Dalapon	ND	mg/kg	0.050						
Dicamba	ND	mg/kg	0.0050						
Dichlorprop	ND	mg/kg	0.020						
Dinoseb	ND	mg/kg	0.020						
MCPA	ND	mg/kg	4.0						
MCPP	ND	mg/kg	4.0						
Pentachlorophenol	ND	mg/kg	0.0020						
Picloram	ND	mg/kg	0.010						
Surr: DCAA			0.0020	84	45	130			
Sample ID: LCS-20535	Laboratory Control Spike				Run: SUB-B74606				04/15/06 00:27
2,4,5-T	0.0514	mg/kg	0.0040	51	36	127			
2,4,5-TP (Silvex)	0.0608	mg/kg	0.0040	61	33	128			
2,4-D	0.0536	mg/kg	0.020	54	35	114			
2,4-DB	0.0246	mg/kg	0.050	25	32	155			S
3,5-Dichlorobenzoic Acid	0.0968	mg/kg	0.010	97	49	118			
4-Nitrophenol	0.0842	mg/kg	0.010	84	19	106			
Acifluorfen	0.101	mg/kg	0.010	101	46	117			
Bentazon	0.0986	mg/kg	0.050	99	36	111			
Chloramben	0.0874	mg/kg	0.010	87	1	138			
Dacthal	0.107	mg/kg	0.020	107	52	134			
Dalapon	0.0780	mg/kg	0.050	78	14	119			
Dicamba	0.100	mg/kg	0.0050	100	55	130			
Dichlorprop	0.0668	mg/kg	0.020	67	39	140			
Dinoseb	0.0748	mg/kg	0.020	75	5	116			
MCPA	4.32	mg/kg	4.0	43	20	130			
MCPP	7.76	mg/kg	4.0	78	13	146			
Pentachlorophenol	0.0864	mg/kg	0.0020	86	48	101			
Picloram	0.0848	mg/kg	0.010	85	64	117			
Surr: DCAA			0.0020	97	45	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8151A								Batch: B_20535	
Sample ID: H06030235-001A	Sample Matrix Spike				Run: SUB-B74606			04/15/06 01:26	
2,4,5-T	0.0794	mg/kg	0.0040	79	50	150			
2,4,5-TP (Silvex)	0.0758	mg/kg	0.0040	76	45	145			
2,4-D	0.0770	mg/kg	0.020	77	30	140			
2,4-DB	0.0704	mg/kg	0.050	70	25	160			
3,5-Dichlorobenzoic Acid	0.0820	mg/kg	0.010	82	35	130			
4-Nitrophenol	0.0756	mg/kg	0.010	76	5	95			
Acifluorfen	0.0924	mg/kg	0.010	92	30	145			
Bentazon	0.0680	mg/kg	0.050	68	25	135			
Chloramben	0.0248	mg/kg	0.010	25	1	140			
Dacthal	0.0794	mg/kg	0.020	79	35	150			
Dalapon	0.0738	mg/kg	0.050	74	25	135			
Dicamba	0.0880	mg/kg	0.0050	88	55	140			
Dichlorprop	0.0778	mg/kg	0.020	78	60	140			
Dinoseb	0.0640	mg/kg	0.020	64	5	120			
MCPA	16.4	mg/kg	4.0	164	10	130			S
MCPP	11.4	mg/kg	4.0	114	30	140			
Pentachlorophenol	0.0768	mg/kg	0.0020	77	10	145			
Picloram	0.0714	mg/kg	0.010	71	55	150			
Surr: DCAA			0.0020	102	45	130			
Sample ID: H06030235-001A	Sample Matrix Spike Duplicate				Run: SUB-B74606			04/15/06 01:55	
2,4,5-T	0.0840	mg/kg	0.0040	84	50	150	5.6	40	
2,4,5-TP (Silvex)	0.0818	mg/kg	0.0040	82	45	145	7.6	40	
2,4-D	0.0840	mg/kg	0.020	84	30	140	8.7	40	
2,4-DB	0.0738	mg/kg	0.050	74	25	160	4.7	40	
3,5-Dichlorobenzoic Acid	0.0916	mg/kg	0.010	92	35	130	11	40	
4-Nitrophenol	0.0880	mg/kg	0.010	88	5	95	15	40	
Acifluorfen	0.107	mg/kg	0.010	107	30	145	15	40	
Bentazon	0.0766	mg/kg	0.050	77	25	135	12	40	
Chloramben	0.0318	mg/kg	0.010	32	1	140	25	40	
Dacthal	0.104	mg/kg	0.020	104	35	150	26	40	
Dalapon	0.0958	mg/kg	0.050	96	25	135	26	40	
Dicamba	0.0922	mg/kg	0.0050	92	55	140	4.7	40	
Dichlorprop	0.0832	mg/kg	0.020	83	60	140	6.7	40	
Dinoseb	0.0718	mg/kg	0.020	72	5	120	11	40	
MCPA	17.2	mg/kg	4.0	172	10	130	4.5	40	S
MCPP	10.5	mg/kg	4.0	105	30	140	8.2	40	
Pentachlorophenol	0.0822	mg/kg	0.0020	82	10	145	6.8	40	
Picloram	0.0800	mg/kg	0.010	80	55	150	11	40	
Surr: DCAA			0.0020	104	45	130	0	40	

Qualifiers:

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_20570
Sample ID: LCS-20570	Laboratory Control Spike				Run: SUB-B74126				04/10/06 15:08
1,2,4-Trimethylbenzene	1.00	mg/kg	0.20	100	67	125			
1,3,5-Trimethylbenzene	0.992	mg/kg	0.20	99	71	131			
2-Chloroethyl vinyl ether	1.15	mg/kg	0.20	115	41	149			
2-Chlorotoluene	0.952	mg/kg	0.20	95	74	135			
4-Chlorotoluene	0.992	mg/kg	0.20	99	75	136			
Bromobenzene	1.00	mg/kg	0.20	100	70	135			
Isopropylbenzene	0.984	mg/kg	0.20	98	70	133			
n-Butylbenzene	1.04	mg/kg	0.20	104	71	134			
n-Propylbenzene	0.944	mg/kg	0.20	94	72	134			
p-Isopropyltoluene	0.992	mg/kg	0.20	99	70	131			
sec-Butylbenzene	0.976	mg/kg	0.20	98	67	132			
tert-Butylbenzene	0.960	mg/kg	0.20	96	68	134			
Acetone	9.68	mg/kg	4.0	97	49	145			
Acetonitrile	8.96	mg/kg	4.0	90	60	130			
Acrolein	13.0	mg/kg	4.0	130	20	197			
Acrylonitrile	10.6	mg/kg	4.0	106	45	146			
Benzene	1.02	mg/kg	0.20	102	70	127			
Bromochloromethane	1.09	mg/kg	0.20	109	60	130			
Bromodichloromethane	0.904	mg/kg	0.20	90	56	136			
Bromoform	0.952	mg/kg	0.20	95	59	132			
Bromomethane	1.02	mg/kg	0.20	102	18	134			
Carbon disulfide	0.992	mg/kg	0.20	99	32	141			
Carbon tetrachloride	1.06	mg/kg	0.20	106	60	140			
Chlorobenzene	0.976	mg/kg	0.20	98	75	132			
Chlorodibromomethane	0.968	mg/kg	0.20	97	62	133			
Chloroethane	0.984	mg/kg	0.20	98	45	139			
Chloroform	1.02	mg/kg	0.20	102	62	132			
Chloromethane	0.976	mg/kg	0.20	98	41	138			
1,2-Dibromo-3-chloropropane	0.960	mg/kg	0.20	96	57	123			
1,2-Dibromoethane	0.976	mg/kg	0.20	98	60	135			
Dibromomethane	0.968	mg/kg	0.20	97	60	135			
1,2-Dichlorobenzene	1.00	mg/kg	0.20	100	70	130			
1,3-Dichlorobenzene	0.976	mg/kg	0.20	98	71	132			
1,4-Dichlorobenzene	0.976	mg/kg	0.20	98	71	131			
Dichlorodifluoromethane	0.684	mg/kg	0.20	68	31	123			
1,1-Dichloroethane	1.08	mg/kg	0.20	108	66	130			
1,2-Dichloroethane	1.06	mg/kg	0.20	106	51	140			
1,1-Dichloroethene	0.992	mg/kg	0.20	99	64	133			
cis-1,2-Dichloroethene	1.02	mg/kg	0.20	102	63	131			
trans-1,2-Dichloroethene	1.10	mg/kg	0.20	110	66	133			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_20570
Sample ID: LCS-20570	Laboratory Control Spike				Run: SUB-B74126				04/10/06 15:08
1,2-Dichloropropane	0.960	mg/kg	0.20	96	60	130			
1,3-Dichloropropane	0.992	mg/kg	0.20	99	59	135			
2,2-Dichloropropane	1.15	mg/kg	0.20	115	39	157			
1,1-Dichloropropene	1.02	mg/kg	0.20	102	65	132			
cis-1,3-Dichloropropene	1.02	mg/kg	0.20	102	55	134			
trans-1,3-Dichloropropene	1.14	mg/kg	0.20	114	58	146			
Ethylbenzene	1.00	mg/kg	0.20	100	74	136			
Hexachlorobutadiene	1.06	mg/kg	0.20	106	52	133			
2-Hexanone	8.96	mg/kg	4.0	90	54	129			
Iodomethane	1.12	mg/kg	0.20	112	53	128			
Methyl tert-butyl ether (MTBE)	1.08	mg/kg	0.20	108	43	152			
Methyl ethyl ketone	8.88	mg/kg	4.0	89	43	148			
Methyl isobutyl ketone	9.28	mg/kg	4.0	93	54	127			
Methylene chloride	0.992	mg/kg	0.20	99	51	134			
Naphthalene	0.880	mg/kg	0.20	88	15	171			
Styrene	1.02	mg/kg	0.20	102	70	135			
1,1,1,2-Tetrachloroethane	0.984	mg/kg	0.20	98	35	156			
1,1,2,2-Tetrachloroethane	0.944	mg/kg	0.20	94	59	135			
Tetrachloroethene	1.00	mg/kg	0.20	100	64	139			
Toluene	0.992	mg/kg	0.20	99	73	137			
1,2,4-Trichlorobenzene	0.976	mg/kg	0.20	98	34	150			
1,1,1-Trichloroethane	1.03	mg/kg	0.20	103	63	134			
1,1,2-Trichloroethane	0.992	mg/kg	0.20	99	56	136			
Trichloroethene	0.992	mg/kg	0.20	99	65	134			
Trichlorofluoromethane	0.864	mg/kg	0.20	86	48	140			
1,2,3-Trichloropropane	0.960	mg/kg	0.20	96	56	142			
Vinyl acetate	1.01	mg/kg	0.20	101	28	123			
Vinyl chloride	1.06	mg/kg	0.20	106	32	136			
m+p-Xylenes	2.00	mg/kg	0.20	100	75	136			
o-Xylene	1.01	mg/kg	0.20	101	72	134			
Surr: 1,2-Dichloroethane-d4			0.20	114	60	136			
Surr: Dibromofluoromethane			0.20	113	70	132			
Surr: p-Bromofluorobenzene			0.20	102	78	160			
Surr: Toluene-d8			0.20	108	75	138			
Sample ID: MB-20570	Method Blank				Run: SUB-B74126				04/10/06 21:26
1,2,4-Trimethylbenzene	ND	mg/kg	0						
1,3,5-Trimethylbenzene	ND	mg/kg	0						
2-Chloroethyl vinyl ether	ND	mg/kg	0						
2-Chlorotoluene	ND	mg/kg	0						
4-Chlorotoluene	ND	mg/kg	0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_20570
Sample ID: MB-20570	Method Blank				Run: SUB-B74126				04/10/06 21:26
Bromobenzene	ND	mg/kg	0						
Isopropylbenzene	ND	mg/kg	0						
n-Butylbenzene	ND	mg/kg	0						
n-Propylbenzene	ND	mg/kg	0						
p-Isopropyltoluene	ND	mg/kg	0						
sec-Butylbenzene	ND	mg/kg	0						
tert-Butylbenzene	ND	mg/kg	0						
Acetone	ND	mg/kg	0						
Acetonitrile	ND	mg/kg	0						
Acrolein	ND	mg/kg	0						
Acrylonitrile	ND	mg/kg	0						
Benzene	ND	mg/kg	0						
Bromochloromethane	ND	mg/kg	0						
Bromodichloromethane	ND	mg/kg	0						
Bromoform	ND	mg/kg	0						
Bromomethane	ND	mg/kg	0						
Carbon disulfide	ND	mg/kg	0						
Carbon tetrachloride	ND	mg/kg	0						
Chlorobenzene	ND	mg/kg	0						
Chlorodibromomethane	ND	mg/kg	0						
Chloroethane	ND	mg/kg	0						
Chloroform	ND	mg/kg	0						
Chloromethane	ND	mg/kg	0						
1,2-Dibromo-3-chloropropane	ND	mg/kg	0						
1,2-Dibromoethane	ND	mg/kg	0						
Dibromomethane	ND	mg/kg	0						
1,2-Dichlorobenzene	ND	mg/kg	0						
1,3-Dichlorobenzene	ND	mg/kg	0						
1,4-Dichlorobenzene	ND	mg/kg	0						
Dichlorodifluoromethane	ND	mg/kg	0						
1,1-Dichloroethane	ND	mg/kg	0						
1,2-Dichloroethane	ND	mg/kg	0						
1,1-Dichloroethene	ND	mg/kg	0						
cis-1,2-Dichloroethene	ND	mg/kg	0						
trans-1,2-Dichloroethene	ND	mg/kg	0						
1,2-Dichloropropane	ND	mg/kg	0						
1,3-Dichloropropane	ND	mg/kg	0						
2,2-Dichloropropane	ND	mg/kg	0						
1,1-Dichloropropene	ND	mg/kg	0						
cis-1,3-Dichloropropene	ND	mg/kg	0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_20570
Sample ID: MB-20570	Method Blank				Run: SUB-B74126				04/10/06 21:26
trans-1,3-Dichloropropene	ND	mg/kg	0						
Ethylbenzene	ND	mg/kg	0						
Hexachlorobutadiene	ND	mg/kg	0						
2-Hexanone	ND	mg/kg	0						
Iodomethane	ND	mg/kg	0						
Methyl tert-butyl ether (MTBE)	ND	mg/kg	0						
Methyl ethyl ketone	ND	mg/kg	0						
Methyl isobutyl ketone	ND	mg/kg	0						
Methylene chloride	ND	mg/kg	0						
Naphthalene	ND	mg/kg	0						
Styrene	ND	mg/kg	0						
1,1,1,2-Tetrachloroethane	ND	mg/kg	0						
1,1,2,2-Tetrachloroethane	ND	mg/kg	0						
Tetrachloroethene	ND	mg/kg	0						
Toluene	ND	mg/kg	0						
1,2,4-Trichlorobenzene	ND	mg/kg	0						
1,1,1-Trichloroethane	ND	mg/kg	0						
1,1,2-Trichloroethane	ND	mg/kg	0						
Trichloroethene	ND	mg/kg	0						
Trichlorofluoromethane	ND	mg/kg	0						
1,2,3-Trichloropropane	ND	mg/kg	0						
Vinyl acetate	ND	mg/kg	0						
Vinyl chloride	ND	mg/kg	0						
m+p-Xylenes	ND	mg/kg	0						
o-Xylene	ND	mg/kg	0						
Surr: 1,2-Dichloroethane-d4			0	128	60	136			
Surr: Dibromofluoromethane			0	132	70	132			
Surr: p-Bromofluorobenzene			0	126	78	160			
Surr: Toluene-d8			0	126	75	138			
Sample ID: H06030235-001A	Sample Matrix Spike				Run: SUB-B74126				04/10/06 19:09
Acetonitrile	11.0	mg/kg	6.4	110	60	130			
Acetone	10.7	mg/kg	6.4	107	49	145			
Acrolein	2.88	mg/kg	6.4	29	20	197			
Acrylonitrile	11.2	mg/kg	6.4	112	45	146			
Benzene	0.945	mg/kg	0.32	94	70	127			
Bromobenzene	0.858	mg/kg	0.32	86	70	135			
Bromochloromethane	0.968	mg/kg	0.32	97	60	130			
Bromodichloromethane	0.818	mg/kg	0.32	82	56	136			
Bromoform	0.818	mg/kg	0.32	82	59	132			
Bromomethane	1.11	mg/kg	0.32	111	18	134			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_20570
Sample ID: H06030235-001A	Sample Matrix Spike				Run: SUB-B74126				04/10/06 19:09
n-Butylbenzene	0.735	mg/kg	0.32	73	71	134			
sec-Butylbenzene	0.758	mg/kg	0.32	76	67	132			
tert-Butylbenzene	0.781	mg/kg	0.32	78	68	134			
Carbon disulfide	0.776	mg/kg	0.32	78	32	141			
Carbon tetrachloride	0.864	mg/kg	0.32	86	60	140			
Chlorobenzene	0.864	mg/kg	0.32	86	75	132			
Chlorodibromomethane	0.820	mg/kg	0.32	82	62	133			
Chloroethane	0.937	mg/kg	0.32	94	45	139			
2-Chloroethyl vinyl ether	0.929	mg/kg	0.32	93	41	149			
Chloroform	0.960	mg/kg	0.32	96	62	132			
Chloromethane	0.986	mg/kg	0.32	99	41	138			
2-Chlorotoluene	0.808	mg/kg	0.32	81	74	135			
4-Chlorotoluene	0.804	mg/kg	0.32	80	75	136			
1,2-Dibromo-3-chloropropane	0.856	mg/kg	0.32	86	57	123			
1,2-Dibromoethane	0.887	mg/kg	0.32	89	60	135			
Dibromomethane	0.874	mg/kg	0.32	87	60	135			
1,2-Dichlorobenzene	0.822	mg/kg	0.32	82	70	130			
1,3-Dichlorobenzene	0.754	mg/kg	0.32	75	71	132			
1,4-Dichlorobenzene	0.776	mg/kg	0.32	78	71	131			
Dichlorodifluoromethane	0.323	mg/kg	0.32	32	31	123			
1,1-Dichloroethane	1.00	mg/kg	0.32	100	66	130			
1,2-Dichloroethane	0.972	mg/kg	0.32	97	51	140			
1,1-Dichloroethene	0.860	mg/kg	0.32	86	64	133			
cis-1,2-Dichloroethene	0.933	mg/kg	0.32	93	63	131			
trans-1,2-Dichloroethene	0.924	mg/kg	0.32	92	66	133			
1,2-Dichloropropane	0.940	mg/kg	0.32	94	60	130			
1,3-Dichloropropane	0.922	mg/kg	0.32	92	59	135			
2,2-Dichloropropane	0.992	mg/kg	0.32	99	39	157			
1,1-Dichloropropene	0.916	mg/kg	0.32	92	65	132			
cis-1,3-Dichloropropene	0.909	mg/kg	0.32	91	55	134			
trans-1,3-Dichloropropene	0.966	mg/kg	0.32	97	58	146			
Ethylbenzene	0.904	mg/kg	0.32	90	74	136			
Hexachlorobutadiene	0.637	mg/kg	0.32	64	52	133			
2-Hexanone	9.27	mg/kg	6.4	93	54	129			
Iodomethane	1.06	mg/kg	0.32	106	53	128			
Isopropylbenzene	0.833	mg/kg	0.32	83	70	133			
p-Isopropyltoluene	0.760	mg/kg	0.32	76	70	131			
Methyl tert-butyl ether (MTBE)	1.07	mg/kg	0.32	107	43	152			
Methyl ethyl ketone	9.42	mg/kg	6.4	94	43	148			
Methyl isobutyl ketone	9.38	mg/kg	6.4	94	54	127			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_20570
Sample ID: H06030235-001A	Sample Matrix Spike				Run: SUB-B74126				04/10/06 19:09
Methylene chloride	0.970	mg/kg	0.32	97	51	134			
Naphthalene	0.636	mg/kg	0.32	64	15	171			
n-Propylbenzene	0.782	mg/kg	0.32	78	72	134			
Styrene	0.865	mg/kg	0.32	87	70	135			
1,1,1,2-Tetrachloroethane	0.879	mg/kg	0.32	88	35	156			
1,1,2,2-Tetrachloroethane	0.909	mg/kg	0.32	91	59	135			
Tetrachloroethene	0.803	mg/kg	0.32	80	64	139			
Toluene	0.984	mg/kg	0.32	98	73	137			
1,2,3-Trichlorobenzene	0.525	mg/kg	0.32	52	24	153			
1,2,4-Trichlorobenzene	0.579	mg/kg	0.32	58	34	150			
1,1,1-Trichloroethane	0.916	mg/kg	0.32	92	63	134			
1,1,2-Trichloroethane	0.906	mg/kg	0.32	91	56	136			
Trichloroethene	0.908	mg/kg	0.32	91	65	134			
Trichlorofluoromethane	0.696	mg/kg	0.32	70	48	140			
1,2,3-Trichloropropane	0.908	mg/kg	0.32	91	56	142			
1,2,4-Trimethylbenzene	0.800	mg/kg	0.32	80	67	125			
1,3,5-Trimethylbenzene	0.791	mg/kg	0.32	79	71	131			
Vinyl acetate	0.748	mg/kg	0.32	75	28	123			
Vinyl chloride	0.893	mg/kg	0.32	89	32	136			
m+p-Xylenes	1.70	mg/kg	0.32	85	75	136			
o-Xylene	0.855	mg/kg	0.32	86	72	134			
Surr: 1,2-Dichloroethane-d4			0.32	105	60	136			
Surr: Dibromofluoromethane			0.32	110	70	132			
Surr: p-Bromofluorobenzene			0.32	92	78	160			
Surr: Toluene-d8			0.32	99	75	138			
-Results are corrected for the high level of moisture in the sample.									
Sample ID: H06030235-001A	Sample Matrix Spike Duplicate				Run: SUB-B74126				04/10/06 19:43
Acetonitrile	11.6	mg/kg	6.4	116	60	140	5.5	20	
Acetone	10.8	mg/kg	6.4	108	49	145	1.2	20	
Acrolein	1.41	mg/kg	6.4	14	19	197	0	20	S
Acrylonitrile	11.5	mg/kg	6.4	115	45	149	2.4	20	
Benzene	0.952	mg/kg	0.32	95	70	127	0.8	20	
Bromobenzene	0.832	mg/kg	0.32	83	70	135	3.0	20	
Bromochloromethane	0.980	mg/kg	0.32	98	60	130	1.3	20	
Bromodichloromethane	0.804	mg/kg	0.32	80	56	136	1.7	20	
Bromoform	0.812	mg/kg	0.32	81	59	132	0.8	20	
Bromomethane	1.06	mg/kg	0.32	106	18	134	4.4	20	
n-Butylbenzene	0.637	mg/kg	0.32	64	71	134	14	20	S
sec-Butylbenzene	0.675	mg/kg	0.32	67	67	132	12	20	
tert-Butylbenzene	0.713	mg/kg	0.32	71	68	134	9.1	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_20570
Sample ID: H06030235-001A	Sample Matrix Spike Duplicate				Run: SUB-B74126			04/10/06 19:43	
Carbon disulfide	0.735	mg/kg	0.32	73	32	141	5.4	20	
Carbon tetrachloride	0.826	mg/kg	0.32	83	60	140	4.5	20	
Chlorobenzene	0.858	mg/kg	0.32	86	73	132	0.7	20	
Chlorodibromomethane	0.815	mg/kg	0.32	82	62	133	0.6	20	
Chloroethane	0.920	mg/kg	0.32	92	45	139	1.8	20	
2-Chloroethyl vinyl ether	0.896	mg/kg	0.32	90	41	149	3.6	20	
Chloroform	0.969	mg/kg	0.32	97	62	132	0.9	20	
Chloromethane	0.913	mg/kg	0.32	91	41	138	7.7	20	
2-Chlorotoluene	0.763	mg/kg	0.32	76	74	135	5.7	20	
4-Chlorotoluene	0.773	mg/kg	0.32	77	75	136	3.9	20	
1,2-Dibromo-3-chloropropane	0.927	mg/kg	0.32	93	57	123	7.9	20	
1,2-Dibromoethane	0.863	mg/kg	0.32	86	60	135	2.8	20	
Dibromomethane	0.897	mg/kg	0.32	90	60	135	2.6	20	
1,2-Dichlorobenzene	0.780	mg/kg	0.32	78	70	130	5.3	20	
1,3-Dichlorobenzene	0.735	mg/kg	0.32	73	71	132	2.6	20	
1,4-Dichlorobenzene	0.723	mg/kg	0.32	72	71	131	7.0	20	
Dichlorodifluoromethane	0.282	mg/kg	0.32	28	31	123	0	20	S
1,1-Dichloroethane	1.01	mg/kg	0.32	101	66	130	0.8	20	
1,2-Dichloroethane	0.979	mg/kg	0.32	98	51	140	0.8	20	
1,1-Dichloroethene	0.872	mg/kg	0.32	87	64	133	1.3	20	
cis-1,2-Dichloroethene	0.951	mg/kg	0.32	95	63	131	1.9	20	
trans-1,2-Dichloroethene	0.952	mg/kg	0.32	95	66	133	3.0	20	
1,2-Dichloropropane	0.948	mg/kg	0.32	95	60	130	0.9	20	
1,3-Dichloropropane	0.946	mg/kg	0.32	95	59	135	2.6	20	
2,2-Dichloropropane	0.961	mg/kg	0.32	96	39	157	3.1	20	
1,1-Dichloropropene	0.888	mg/kg	0.32	89	65	132	3.1	20	
cis-1,3-Dichloropropene	0.905	mg/kg	0.32	90	55	134	0.4	20	
trans-1,3-Dichloropropene	0.978	mg/kg	0.32	98	58	147	1.2	20	
Ethylbenzene	0.838	mg/kg	0.32	84	74	136	7.5	20	
Hexachlorobutadiene	0.544	mg/kg	0.32	54	52	133	16	20	
2-Hexanone	9.73	mg/kg	6.4	97	54	129	4.9	20	
Iodomethane	1.07	mg/kg	0.32	107	53	128	0.7	20	
Isopropylbenzene	0.787	mg/kg	0.32	79	70	133	5.7	20	
p-Isopropyltoluene	0.681	mg/kg	0.32	68	69	131	11	20	S
Methyl tert-butyl ether (MTBE)	1.13	mg/kg	0.32	113	43	152	5.6	20	
Methyl ethyl ketone	9.68	mg/kg	6.4	97	43	148	2.7	20	
Methyl isobutyl ketone	9.96	mg/kg	6.4	100	54	127	6.0	20	
Methylene chloride	0.960	mg/kg	0.32	96	51	134	1.1	20	
Naphthalene	0.724	mg/kg	0.32	72	15	171	13	20	
n-Propylbenzene	0.723	mg/kg	0.32	72	72	134	7.8	20	

Qualifiers:

RL - Analyte reporting limit.

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S - Spike recovery outside of advisory limits.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_20570
Sample ID: H06030235-001A	Sample Matrix Spike Duplicate				Run: SUB-B74126			04/10/06 19:43	
Styrene	0.838	mg/kg	0.32	84	70	135	3.2	20	
1,1,1,2-Tetrachloroethane	0.856	mg/kg	0.32	86	35	156	2.7	20	
1,1,2,2-Tetrachloroethane	0.892	mg/kg	0.32	89	59	135	1.8	20	
Tetrachloroethene	0.750	mg/kg	0.32	75	64	139	6.8	20	
Toluene	0.920	mg/kg	0.32	92	73	137	6.7	20	
1,2,3-Trichlorobenzene	0.637	mg/kg	0.32	64	24	153	19	20	
1,2,4-Trichlorobenzene	0.596	mg/kg	0.32	60	34	150	3.1	20	
1,1,1-Trichloroethane	0.891	mg/kg	0.32	89	63	134	2.8	20	
1,1,2-Trichloroethane	0.937	mg/kg	0.32	94	56	136	3.3	20	
Trichloroethene	0.909	mg/kg	0.32	91	65	134	0.1	20	
Trichlorofluoromethane	0.663	mg/kg	0.32	66	48	140	4.9	20	
1,2,3-Trichloropropane	0.928	mg/kg	0.32	93	56	142	2.2	20	
1,2,4-Trimethylbenzene	0.735	mg/kg	0.32	73	67	125	8.5	20	
1,3,5-Trimethylbenzene	0.710	mg/kg	0.32	71	71	130	11	20	
Vinyl acetate	0.737	mg/kg	0.32	74	28	123	1.4	20	
Vinyl chloride	0.870	mg/kg	0.32	87	32	136	2.6	20	
m+p-Xylenes	1.64	mg/kg	0.32	82	75	136	3.8	20	
o-Xylene	0.846	mg/kg	0.32	85	72	134	1.1	20	
Surr: 1,2-Dichloroethane-d4			0.32	101	60	136			
Surr: Dibromofluoromethane			0.32	102	70	132			
Surr: p-Bromofluorobenzene			0.32	86	78	160			
Surr: Toluene-d8			0.32	94	75	138			

-Results are corrected for the high level of moisture in the sample.

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8270C									Batch: B_20552
Sample ID: MB-20552	Method Blank				Run: SUB-B74062				04/10/06 16:42
1,2,4-Trichlorobenzene	ND	mg/kg	0.33						
1,2-Dichlorobenzene	ND	mg/kg	0.33						
1,3-Dichlorobenzene	ND	mg/kg	0.33						
1,4-Dichlorobenzene	ND	mg/kg	0.33						
1-Methylnaphthalene	ND	mg/kg	0.33						
2,4,5-Trichlorophenol	ND	mg/kg	0.33						
2,4,6-Trichlorophenol	ND	mg/kg	0.33						
2,4-Dichlorophenol	ND	mg/kg	0.33						
2,4-Dimethylphenol	ND	mg/kg	0.33						
2,4-Dinitrophenol	ND	mg/kg	1.7						
2,4-Dinitrotoluene	ND	mg/kg	0.33						
2,6-Dinitrotoluene	ND	mg/kg	0.33						
2-Chloronaphthalene	ND	mg/kg	0.33						
2-Chlorophenol	ND	mg/kg	0.33						
2-Methylnaphthalene	ND	mg/kg	0.33						
2-Nitrophenol	ND	mg/kg	0.33						
3,3´-Dichlorobenzidine	ND	mg/kg	0.67						
4,6-Dinitro-2-methylphenol	ND	mg/kg	1.7						
4-Bromophenyl phenyl ether	ND	mg/kg	0.33						
4-Chloro-3-methylphenol	ND	mg/kg	0.33						
4-Chlorophenol	ND	mg/kg	0.33						
4-Chlorophenyl phenyl ether	ND	mg/kg	0.33						
4-Nitrophenol	ND	mg/kg	1.7						
Acenaphthene	ND	mg/kg	0.33						
Acenaphthylene	ND	mg/kg	0.33						
Anthracene	ND	mg/kg	0.33						
Azobenzene	ND	mg/kg	0.33						
Benzidine	ND	mg/kg	0.67						
Benzo(a)anthracene	ND	mg/kg	0.33						
Benzo(a)pyrene	ND	mg/kg	0.33						
Benzo(b)fluoranthene	ND	mg/kg	0.33						
Benzo(g,h,i)perylene	ND	mg/kg	0.33						
Benzo(k)fluoranthene	ND	mg/kg	0.33						
bis(-2-chloroethoxy)Methane	ND	mg/kg	0.33						
bis(-2-chloroethyl)Ether	ND	mg/kg	0.33						
bis(2-chloroisopropyl)Ether	ND	mg/kg	0.33						
bis(2-ethylhexyl)Phthalate	ND	mg/kg	0.33						
Butylbenzylphthalate	ND	mg/kg	0.33						
Chrysene	ND	mg/kg	0.33						
Dibenzo(a,h)anthracene	ND	mg/kg	0.33						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8270C									Batch: B_20552
Sample ID: MB-20552	Method Blank				Run: SUB-B74062				04/10/06 16:42
Diethyl phthalate	ND	mg/kg	0.33						
Dimethyl phthalate	ND	mg/kg	0.33						
Di-n-butyl phthalate	ND	mg/kg	0.33						
Di-n-octyl phthalate	ND	mg/kg	0.33						
Fluoranthene	ND	mg/kg	0.33						
Fluorene	ND	mg/kg	0.33						
Hexachlorobenzene	ND	mg/kg	0.33						
Hexachlorobutadiene	ND	mg/kg	0.33						
Hexachlorocyclopentadiene	ND	mg/kg	0.67						
Hexachloroethane	ND	mg/kg	0.33						
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.33						
Isophorone	ND	mg/kg	0.33						
m+p-Cresols	ND	mg/kg	0.33						
Naphthalene	ND	mg/kg	0.33						
Nitrobenzene	ND	mg/kg	0.33						
n-Nitrosodimethylamine	ND	mg/kg	0.33						
n-Nitroso-di-n-propylamine	ND	mg/kg	0.33						
n-Nitrosodiphenylamine	ND	mg/kg	0.33						
o-Cresol	ND	mg/kg	0.33						
Pentachlorophenol	ND	mg/kg	1.7						
Phenanthrene	ND	mg/kg	0.33						
Phenol	ND	mg/kg	0.33						
Pyrene	ND	mg/kg	0.33						
Pyridine	ND	mg/kg	0.33						
Surr: 2,4,6-Tribromophenol			0.33	73	19	122			
Surr: 2-Fluorobiphenyl			0.33	69	30	115			
Surr: 2-Fluorophenol			0.33	77	25	121			
Surr: Nitrobenzene-d5			0.33	72	23	120			
Surr: Phenol-d5			0.33	76	24	113			
Surr: Terphenyl-d14			0.33	82	18	137			
Sample ID: LCS-20552	Laboratory Control Spike				Run: SUB-B74062				04/10/06 17:13
1,2,4-Trichlorobenzene	2.46	mg/kg	0.33	74	46	94			
1,2-Dichlorobenzene	2.41	mg/kg	0.33	72	32	99			
1,3-Dichlorobenzene	2.34	mg/kg	0.33	70	28	95			
1,4-Dichlorobenzene	2.31	mg/kg	0.33	69	28	101			
2,4,5-Trichlorophenol	3.47	mg/kg	0.33	104	34	123			
2,4,6-Trichlorophenol	2.94	mg/kg	0.33	88	34	123			
2,4-Dichlorophenol	2.57	mg/kg	0.33	77	32	110			
2,4-Dimethylphenol	2.78	mg/kg	0.33	83	31	95			
2,4-Dinitrophenol	2.24	mg/kg	1.7	67	10	122			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8270C									Batch: B_20552
Sample ID: LCS-20552	Laboratory Control Spike				Run: SUB-B74062				04/10/06 17:13
2,4-Dinitrotoluene	3.14	mg/kg	0.33	94	47	118			
2,6-Dinitrotoluene	3.10	mg/kg	0.33	93	50	115			
2-Chloronaphthalene	2.86	mg/kg	0.33	86	53	98			
2-Chlorophenol	2.53	mg/kg	0.33	76	30	104			
2-Methylnaphthalene	2.61	mg/kg	0.33	78	30	130			
2-Nitrophenol	2.45	mg/kg	0.33	74	35	97			
4,6-Dinitro-2-methylphenol	2.87	mg/kg	1.7	86	10	121			
4-Bromophenyl phenyl ether	3.04	mg/kg	0.33	91	54	108			
4-Chloro-3-methylphenol	2.96	mg/kg	0.33	89	41	116			
4-Chlorophenyl phenyl ether	2.96	mg/kg	0.33	89	49	110			
4-Nitrophenol	2.31	mg/kg	1.7	69	19	120			
Acenaphthene	2.83	mg/kg	0.33	85	51	112			
Acenaphthylene	2.70	mg/kg	0.33	81	45	108			
Anthracene	2.96	mg/kg	0.33	89	51	114			
Azobenzene	2.81	mg/kg	0.33	84	10	227			
Benzo(a)anthracene	2.72	mg/kg	0.33	82	53	119			
Benzo(a)pyrene	3.15	mg/kg	0.33	95	48	121			
Benzo(b)fluoranthene	2.96	mg/kg	0.33	89	48	122			
Benzo(g,h,i)perylene	3.20	mg/kg	0.33	96	46	116			
Benzo(k)fluoranthene	3.32	mg/kg	0.33	100	47	121			
bis(-2-chloroethoxy)Methane	2.78	mg/kg	0.33	83	29	121			
bis(-2-chloroethyl)Ether	2.97	mg/kg	0.33	89	20	116			
bis(2-chloroisopropyl)Ether	2.57	mg/kg	0.33	77	33	103			
bis(2-ethylhexyl)Phthalate	3.09	mg/kg	0.33	93	52	120			
Butylbenzylphthalate	3.07	mg/kg	0.33	92	50	121			
Chrysene	3.33	mg/kg	0.33	100	53	124			
Dibenzo(a,h)anthracene	3.01	mg/kg	0.33	90	41	118			
Diethyl phthalate	3.06	mg/kg	0.33	92	50	111			
Dimethyl phthalate	2.97	mg/kg	0.33	89	51	112			
Di-n-butyl phthalate	3.06	mg/kg	0.33	92	50	113			
Di-n-octyl phthalate	3.20	mg/kg	0.33	96	50	128			
Fluoranthene	3.19	mg/kg	0.33	96	54	119			
Fluorene	2.97	mg/kg	0.33	89	53	109			
Hexachlorobenzene	3.02	mg/kg	0.33	91	43	114			
Hexachlorobutadiene	2.52	mg/kg	0.33	76	44	105			
Hexachlorocyclopentadiene	2.63	mg/kg	0.67	79	21	98			
Hexachloroethane	2.31	mg/kg	0.33	69	31	106			
Indeno(1,2,3-cd)pyrene	3.16	mg/kg	0.33	95	24	130			
Isophorone	2.90	mg/kg	0.33	87	24	130			
m+p-Cresols	2.95	mg/kg	0.33	89	30	130			

Qualifiers:

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ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8270C									Batch: B_20552
Sample ID: LCS-20552	Laboratory Control Spike				Run: SUB-B74062				04/10/06 17:13
Naphthalene	2.60	mg/kg	0.33	78	32	116			
Nitrobenzene	2.62	mg/kg	0.33	79	21	123			
n-Nitrosodimethylamine	2.30	mg/kg	0.33	69	17	109			
n-Nitroso-di-n-propylamine	3.47	mg/kg	0.33	104	10	139			
o-Cresol	2.89	mg/kg	0.33	87	30	130			
Pentachlorophenol	2.84	mg/kg	1.7	85	10	114			
Phenanthrene	3.09	mg/kg	0.33	93	57	109			
Phenol	2.85	mg/kg	0.33	85	22	115			
Pyrene	2.99	mg/kg	0.33	90	59	117			
Surr: 2,4,6-Tribromophenol			0.33	93	19	122			
Surr: 2-Fluorobiphenyl			0.33	80	30	115			
Surr: 2-Fluorophenol			0.33	84	25	121			
Surr: Nitrobenzene-d5			0.33	77	23	120			
Surr: Phenol-d5			0.33	88	24	113			
Surr: Terphenyl-d14			0.33	86	18	137			
Sample ID: H06030235-002A	Sample Matrix Spike Duplicate				Run: SUB-B74062				04/10/06 19:17
1,2,4-Trichlorobenzene	2.22	mg/kg	0.33	67	38	107	13	23	
1,4-Dichlorobenzene	2.04	mg/kg	0.33	61	28	104	7.6	27	
2,4-Dinitrotoluene	2.42	mg/kg	0.33	73	28	89	1.1	47	
2-Chlorophenol	3.43	mg/kg	0.33	69	25	102	7.1	50	
4-Chloro-3-methylphenol	4.20	mg/kg	0.33	84	26	103	13	33	
4-Nitrophenol	2.77	mg/kg	1.7	55	11	114	1.6	50	
Acenaphthene	2.46	mg/kg	0.33	74	31	137	3.0	19	
n-Nitroso-di-n-propylamine	2.92	mg/kg	0.33	88	41	126	31	38	
Pentachlorophenol	3.77	mg/kg	1.7	75	17	109	3.6	47	
Phenol	3.70	mg/kg	0.33	74	26	90	0.9	35	
Pyrene	2.11	mg/kg	0.33	63	35	142	8.9	36	
Surr: 2,4,6-Tribromophenol			0.33	81	19	122			
Surr: 2-Fluorobiphenyl			0.33	70	30	115			
Surr: 2-Fluorophenol			0.33	75	25	121			
Surr: Nitrobenzene-d5			0.33	71	23	120			
Surr: Phenol-d5			0.33	80	24	113			
Surr: Terphenyl-d14			0.33	57	18	137			
Sample ID: H06030235-002A	Sample Matrix Spike				Run: SUB-B74094				04/11/06 14:49
1,2,4-Trichlorobenzene	1.96	mg/kg	0.33	59	38	107			
1,4-Dichlorobenzene	1.89	mg/kg	0.33	57	28	104			
2,4-Dinitrotoluene	2.39	mg/kg	0.33	72	28	89			
2-Chlorophenol	3.20	mg/kg	0.33	64	25	102			
4-Chloro-3-methylphenol	3.70	mg/kg	0.33	74	26	103			

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/25/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8270C									Batch: B_20552
Sample ID: H06030235-002A	Sample Matrix Spike				Run: SUB-B74094				04/11/06 14:49
4-Nitrophenol	2.72	mg/kg	1.7	54	11	114			
Acenaphthene	2.38	mg/kg	0.33	72	31	137			
n-Nitroso-di-n-propylamine	2.12	mg/kg	0.33	64	41	126			
Pentachlorophenol	3.63	mg/kg	1.7	73	17	109			
Phenol	3.67	mg/kg	0.33	73	26	90			
Pyrene	1.93	mg/kg	0.33	58	35	142			
Surr: 2,4,6-Tribromophenol			0.33	74	19	122			
Surr: 2-Fluorobiphenyl			0.33	67	30	115			
Surr: 2-Fluorophenol			0.33	69	25	121			
Surr: Nitrobenzene-d5			0.33	66	23	120			
Surr: Phenol-d5			0.33	74	24	113			
Surr: Terphenyl-d14			0.33	54	18	137			

Qualifiers:

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-001
Client Sample ID: B1-S-2-D

Report Date: 04/13/06
Collection Date: 03/28/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	49.3	wt%		0.1		SW3550A	04/03/06 09:46 / abb
EXTRACTABLE PETROLEUM HYDROCARBONS-SCREEN ANALYSIS							
Total Extractable Hydrocarbons	1280	mg/kg	*	20	50	SW8015M	04/06/06 12:13 / jdh
Surr: o-Terphenyl	101	%REC			40-140	SW8015M	04/06/06 12:13 / jdh
- Note: Total Extractable Hydrocarbons are defined as the total hydrocarbon responses regardless of elution time.							
EXTRACTABLE PETROLEUM HYDROCARBONS							
C9 to C18 Aliphatics	23	mg/kg		10	100	MA-EPH	04/06/06 23:52 / jdh
C19 to C36 Aliphatics	564	mg/kg		10	2500	MA-EPH	04/06/06 23:52 / jdh
Surr: 1-Chloro-octadecane	114	%REC			40-140	MA-EPH	04/06/06 23:52 / jdh
C11 to C22 Aromatics	132	mg/kg	*	10	70	MA-EPH	04/07/06 00:35 / jdh
Total Extractable Hydrocarbons	868	mg/kg		10		MA-EPH	04/07/06 00:35 / jdh
Surr: 2-Bromonaphthalene	75.0	%REC			40-140	MA-EPH	04/07/06 00:35 / jdh
Surr: 2-Fluorobiphenyl	84.0	%REC			40-140	MA-EPH	04/07/06 00:35 / jdh
Surr: o-Terphenyl	66.0	%REC			40-140	MA-EPH	04/07/06 00:35 / jdh
- Note: Total Extractable Hydrocarbons are defined as the total hydrocarbon responses regardless of elution time.							

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
* - The result exceeds the MCL.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-002
Client Sample ID: B2-S-2-D

Report Date: 04/13/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	62.6	wt%		0.1		SW3550A	04/03/06 09:46 / abb
EXTRACTABLE PETROLEUM HYDROCARBONS-SCREEN ANALYSIS							
Total Extractable Hydrocarbons	851	mg/kg	*	50	50	SW8015M	04/06/06 12:55 / jdh
Surr: o-Terphenyl	78.4	%REC			40-140	SW8015M	04/06/06 12:55 / jdh
- Note: Total Extractable Hydrocarbons are defined as the total hydrocarbon responses regardless of elution time.							
EXTRACTABLE PETROLEUM HYDROCARBONS							
C9 to C18 Aliphatics	19	mg/kg	J	20	100	MA-EPH	04/11/06 10:36 / jdh
C19 to C36 Aliphatics	597	mg/kg		20	2500	MA-EPH	04/11/06 10:36 / jdh
Surr: 1-Chloro-octadecane	111	%REC			40-140	MA-EPH	04/11/06 10:36 / jdh
C11 to C22 Aromatics	200	mg/kg	*	10	70	MA-EPH	04/07/06 01:59 / jdh
Total Extractable Hydrocarbons	889	mg/kg		10		MA-EPH	04/07/06 01:59 / jdh
Surr: 2-Bromonaphthalene	84.0	%REC			40-140	MA-EPH	04/07/06 01:59 / jdh
Surr: 2-Fluorobiphenyl	94.0	%REC			40-140	MA-EPH	04/07/06 01:59 / jdh
Surr: o-Terphenyl	77.0	%REC			40-140	MA-EPH	04/07/06 01:59 / jdh
- Note: Total Extractable Hydrocarbons are defined as the total hydrocarbon responses regardless of elution time.							

Report Definitions:

RL - Analyte reporting limit.
QCL - Quality control limit.
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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
J - Estimated value. The analyte was present but less than the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-003
Client Sample ID: B3-S-1-D

Report Date: 04/13/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	72.9	wt%		0.1		SW3550A	04/03/06 09:46 / abb
EXTRACTABLE PETROLEUM HYDROCARBONS-SCREEN ANALYSIS							
Total Extractable Hydrocarbons	1200	mg/kg	*	50	50	SW8015M	04/06/06 13:37 / jdh
Surr: o-Terphenyl	109	%REC			40-140	SW8015M	04/06/06 13:37 / jdh
- Note: Total Extractable Hydrocarbons are defined as the total hydrocarbon responses regardless of elution time.							
EXTRACTABLE PETROLEUM HYDROCARBONS							
C9 to C18 Aliphatics	27	mg/kg		10	100	MA-EPH	04/07/06 02:41 / jdh
C19 to C36 Aliphatics	667	mg/kg		10	2500	MA-EPH	04/07/06 02:41 / jdh
Surr: 1-Chloro-octadecane	130	%REC			40-140	MA-EPH	04/07/06 02:41 / jdh
C11 to C22 Aromatics	180	mg/kg	*	10	70	MA-EPH	04/07/06 03:23 / jdh
Total Extractable Hydrocarbons	1060	mg/kg		10		MA-EPH	04/07/06 03:23 / jdh
Surr: 2-Bromonaphthalene	86.0	%REC			40-140	MA-EPH	04/07/06 03:23 / jdh
Surr: 2-Fluorobiphenyl	90.0	%REC			40-140	MA-EPH	04/07/06 03:23 / jdh
Surr: o-Terphenyl	73.0	%REC			40-140	MA-EPH	04/07/06 03:23 / jdh
- Note: Total Extractable Hydrocarbons are defined as the total hydrocarbon responses regardless of elution time.							

Report Definitions:
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QCL - Quality control limit.
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MCL - Maximum contaminant level.
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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-004
Client Sample ID: B4-S-1-D

Report Date: 04/13/06
Collection Date: 03/30/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL CHARACTERISTICS							
Moisture	59.9	wt%		0.1		SW3550A	04/07/06 13:55 / abb
EXTRACTABLE PETROLEUM HYDROCARBONS-SCREEN ANALYSIS							
Total Extractable Hydrocarbons	1300	mg/kg	*	20	50	SW8015M	04/06/06 14:18 / jdh
Surr: o-Terphenyl	100	%REC			40-140	SW8015M	04/06/06 14:18 / jdh
- Note: Total Extractable Hydrocarbons are defined as the total hydrocarbon responses regardless of elution time.							
EXTRACTABLE PETROLEUM HYDROCARBONS							
C9 to C18 Aliphatics	7.0	mg/kg	J	10	100	MA-EPH	04/07/06 04:06 / jdh
C19 to C36 Aliphatics	581	mg/kg		10	2500	MA-EPH	04/07/06 04:06 / jdh
Surr: 1-Chloro-octadecane	77.0	%REC			40-140	MA-EPH	04/07/06 04:06 / jdh
C11 to C22 Aromatics	151	mg/kg	*	10	70	MA-EPH	04/07/06 04:48 / jdh
Total Extractable Hydrocarbons	991	mg/kg		10		MA-EPH	04/07/06 04:48 / jdh
Surr: 2-Bromonaphthalene	83.0	%REC			40-140	MA-EPH	04/07/06 04:48 / jdh
Surr: 2-Fluorobiphenyl	77.0	%REC			40-140	MA-EPH	04/07/06 04:48 / jdh
Surr: o-Terphenyl	77.0	%REC			40-140	MA-EPH	04/07/06 04:48 / jdh
- Note: Total Extractable Hydrocarbons are defined as the total hydrocarbon responses regardless of elution time.							

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/13/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: MA-EPH									Batch: 1823
Sample ID: MB-1823	Method Blank				Run: HHP_060401A				04/01/06 13:12
C9 to C18 Aliphatics	ND	mg/kg	10						
C19 to C36 Aliphatics	ND	mg/kg	10						
Surr: 1-Chloro-octadecane			0.33	74.2	40	140			
Sample ID: LCS-1823	Laboratory Control Spike				Run: HHP_060401A				04/01/06 14:37
n-Decane	4.21	mg/kg	0.33	63.1	40	140			
n-Dodecane	4.37	mg/kg	0.33	65.5	40	140			
n-Tetradecane	4.68	mg/kg	0.33	70.2	40	140			
n-Hexadecane	4.86	mg/kg	0.33	72.8	40	140			
n-Octadecane	5.14	mg/kg	0.33	77.1	40	140			
n-Eicosane	5.23	mg/kg	0.33	78.5	40	140			
n-Docosane	5.26	mg/kg	0.33	78.9	40	140			
n-Tetracosane	5.47	mg/kg	0.33	82	40	140			
n-Hexacosane	5.44	mg/kg	0.33	81.5	40	140			
n-Octacosane	5.39	mg/kg	0.33	80.9	40	140			
Surr: 1-Chloro-octadecane			0.33	83.6	40	140			
Sample ID: MB-1823	Method Blank				Run: HHP_060401A				04/01/06 13:54
C11 to C22 Aromatics	ND	mg/kg	10						
Total Extractable Hydrocarbons	ND	mg/kg	10						
Naphthalene	ND	mg/kg	0.33						
2-MethylNaphthalene	ND	mg/kg	0.33						
Acenaphthylene	ND	mg/kg	0.33						
Acenaphthene	ND	mg/kg	0.33						
Fluorene	ND	mg/kg	0.33						
Phenanthrene	ND	mg/kg	0.33						
Anthracene	ND	mg/kg	0.33						
Fluoranthene	ND	mg/kg	0.33						
Pyrene	ND	mg/kg	0.33						
Benzo(a)Anthracene	ND	mg/kg	0.33						
Chrysene	ND	mg/kg	0.33						
Benzo(b)Fluoranthene/Benzo(k)Fluoran	ND	mg/kg	0.67						
Benzo(a)Pyrene	ND	mg/kg	0.33						
Dibenz(a,h)anthracene/Indeno(1,2,3-cd	ND	mg/kg	0.67						
Benzo(g,h,I)perylene	ND	mg/kg	0.33						
Surr: 2-Bromonaphthalene			0.33	75.5	40	140			
Surr: 2-Fluorobiphenyl			0.33	84.2	40	140			
Surr: o-Terphenyl			0.33	70.3	40	140			
Sample ID: LCS-1823	Laboratory Control Spike				Run: HHP_060401A				04/01/06 15:20
Naphthalene	3.55	mg/kg	0.33	53.3	40	140			

Qualifiers:

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/13/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: MA-EPH									Batch: 1823
Sample ID: LCS-1823	Laboratory Control Spike				Run: HHP_060401A				04/01/06 15:20
Acenaphthylene	4.15	mg/kg	0.33	62.2	40	140			
Acenaphthene	4.37	mg/kg	0.33	65.5	40	140			
Fluorene	3.46	mg/kg	0.33	51.9	40	140			
Phenanthrene	3.48	mg/kg	0.33	52.2	40	140			
Anthracene	4.01	mg/kg	0.33	60.2	40	140			
Fluoranthene	4.92	mg/kg	0.33	73.9	40	140			
Pyrene	5.05	mg/kg	0.33	75.8	40	140			
Benzo(a)Anthracene	3.86	mg/kg	0.33	57.9	40	140			
Chrysene	3.55	mg/kg	0.33	53.3	40	140			
Benzo(b)Fluoranthene/Benzo(k)Fluoran	10.6	mg/kg	0.67	80.6	40	140			
Benzo(a)Pyrene	5.26	mg/kg	0.33	79	40	140			
Dibenz(a,h)anthracene/Indeno(1,2,3-cd	10.6	mg/kg	0.67	80.4	40	140			
Benzo(g,h,I)perylene	5.20	mg/kg	0.33	78	40	140			
Surr: 2-Bromonaphthalene			0.33	40.8	40	140			
Surr: 2-Fluorobiphenyl			0.33	70.5	40	140			
Surr: o-Terphenyl			0.33	73.7	40	140			
Sample ID: H06030175-005AMSD	Sample Matrix Spike Duplicate				Run: HHP_060402A				04/02/06 20:34
n-Decane	2.66	mg/kg	0.17	39.8	40	140	0.3	40	
n-Dodecane	3.32	mg/kg	0.17	49.8	40	140	0.4	40	
n-Tetradecane	3.85	mg/kg	0.17	57.7	40	140	0.9	30	
n-Hexadecane	4.34	mg/kg	0.17	65	40	140	1.9	20	
n-Octadecane	4.88	mg/kg	0.17	73.2	40	140	2.7	20	
n-Eicosane	5.34	mg/kg	0.17	80.1	40	140	3.5	20	
n-Docosane	5.56	mg/kg	0.17	83.3	40	140	4.0	20	
n-Tetracosane	5.82	mg/kg	0.17	87.3	40	140	4.8	20	
n-Hexacosane	5.80	mg/kg	0.17	87	40	140	4.9	20	
n-Octacosane	5.76	mg/kg	0.17	86.4	40	140	5.9	20	
Surr: 1-Chloro-octadecane			0.17	84.2	40	140			
Sample ID: H06030175-005AMS	Sample Matrix Spike				Run: HHP_060402A				04/02/06 19:52
Naphthalene	2.78	mg/kg	0.17	41.7	40	140			
Acenaphthylene	3.71	mg/kg	0.17	55.7	40	140			
Acenaphthene	3.92	mg/kg	0.17	58.8	40	140			
Fluorene	3.10	mg/kg	0.17	46.6	40	140			
Phenanthrene	3.10	mg/kg	0.17	46.5	40	140			
Anthracene	3.73	mg/kg	0.17	55.9	40	140			
Fluoranthene	4.69	mg/kg	0.17	70.3	40	140			
Pyrene	4.83	mg/kg	0.17	72.5	40	140			
Benzo(a)Anthracene	3.58	mg/kg	0.17	53.8	40	140			
Chrysene	3.32	mg/kg	0.17	49.8	40	140			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/13/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: MA-EPH									Batch: 1823
Sample ID: H06030175-005AMS	Sample Matrix Spike				Run: HHP_060402A				04/02/06 19:52
Benzo(b)Fluoranthene/Benzo(k)Fluoran	10.2	mg/kg	0.33	77.2	40	140			
Benzo(a)Pyrene	4.89	mg/kg	0.17	73.3	40	140			
Dibenz(a,h)anthracene/Indeno(1,2,3-cd	10.1	mg/kg	0.33	76.7	40	140			
Benzo(g,h,I)perylene	4.97	mg/kg	0.17	74.6	40	140			
Surr: 2-Bromonaphthalene			0.17	55	40	140			
Surr: 2-Fluorobiphenyl			0.17	88.5	40	140			
Surr: o-Terphenyl			0.17	72.4	40	140			
Sample ID: H06030175-005AMSD	Sample Matrix Spike Duplicate				Run: HHP_060402A				04/02/06 21:15
Naphthalene	3.38	mg/kg	0.17	50.7	40	140	19	40	
Acenaphthylene	4.30	mg/kg	0.17	64.6	40	140	15	20	
Acenaphthene	4.57	mg/kg	0.17	68.6	40	140	15	20	
Fluorene	3.62	mg/kg	0.17	54.2	40	140	15	20	
Phenanthrene	3.52	mg/kg	0.17	52.8	40	140	13	20	
Anthracene	4.24	mg/kg	0.17	63.6	40	140	13	20	
Fluoranthene	5.21	mg/kg	0.17	78.2	40	140	11	20	
Pyrene	5.35	mg/kg	0.17	80.2	40	140	10	20	
Benzo(a)Anthracene	4.05	mg/kg	0.17	60.8	40	140	12	20	
Chrysene	3.75	mg/kg	0.17	56.2	40	140	12	20	
Benzo(b)Fluoranthene/Benzo(k)Fluoran	11.3	mg/kg	0.33	85.4	40	140	10	20	
Benzo(a)Pyrene	5.39	mg/kg	0.17	80.9	40	140	9.9	20	
Dibenz(a,h)anthracene/Indeno(1,2,3-cd	11.3	mg/kg	0.33	85.2	40	140	11	20	
Benzo(g,h,I)perylene	5.53	mg/kg	0.17	82.9	40	140	11	20	
Surr: 2-Bromonaphthalene			0.17	58.1	40	140			
Surr: 2-Fluorobiphenyl			0.17	94	40	140			
Surr: o-Terphenyl			0.17	78.4	40	140			
Sample ID: H06030175-005AMS	Sample Matrix Spike				Run: HHP_060402A				04/04/06 15:28
n-Decane	2.66	mg/kg	0.17	39.9	40	140			
n-Dodecane	3.31	mg/kg	0.17	49.6	40	140			
n-Tetradecane	3.81	mg/kg	0.17	57.2	40	140			
n-Hexadecane	4.25	mg/kg	0.17	63.8	40	140			
n-Octadecane	4.75	mg/kg	0.17	71.2	40	140			
n-Eicosane	5.16	mg/kg	0.17	77.4	40	140			
n-Docosane	5.34	mg/kg	0.17	80	40	140			
n-Tetracosane	5.55	mg/kg	0.17	83.2	40	140			
n-Hexacosane	5.52	mg/kg	0.17	82.8	40	140			
n-Octacosane	5.43	mg/kg	0.17	81.5	40	140			
Surr: 1-Chloro-octadecane			0.17	81.2	40	140			

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/13/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: MA-EPH								Analytical Run: HHP_060406B	
Sample ID: CCV_0406GC115r-S	Continuing Calibration Verification								04/06/06 22:27
n-Nonane	5.70	mg/kg	0.17	85	75	125			
n-Decane	5.82	mg/kg	0.17	87	75	125			
n-Dodecane	6.02	mg/kg	0.17	90	75	125			
n-Tetradecane	6.25	mg/kg	0.17	94	75	125			
n-Hexadecane	6.44	mg/kg	0.17	97	75	125			
n-Octadecane	6.56	mg/kg	0.17	98	75	125			
n-Nonadecane	6.62	mg/kg	0.17	99	75	125			
n-Eicosane	6.70	mg/kg	0.17	100	75	125			
n-Docosane	6.75	mg/kg	0.17	101	75	125			
n-Tetracosane	6.84	mg/kg	0.17	103	75	125			
n-Hexacosane	6.88	mg/kg	0.17	103	75	125			
n-Octacosane	6.96	mg/kg	0.17	104	75	125			
n-Triacontane	7.02	mg/kg	0.17	105	75	125			
n-Hexatriacontane	6.47	mg/kg	0.17	97	75	125			
Surr: 1-Chloro-octadecane			0.17	112	75	125			
Sample ID: CCV_0406GC116r-S	Continuing Calibration Verification								04/06/06 23:09
Naphthalene	5.85	mg/kg	0.17	88	75	125			
2-MethylNaphthalene	5.86	mg/kg	0.17	88	75	125			
Acenaphthylene	5.79	mg/kg	0.17	87	75	125			
Acenaphthene	6.09	mg/kg	0.17	91	75	125			
Fluorene	5.78	mg/kg	0.17	87	75	125			
Phenanthrene	6.07	mg/kg	0.17	91	75	125			
Anthracene	6.22	mg/kg	0.17	93	75	125			
Fluoranthene	6.28	mg/kg	0.17	94	75	125			
Pyrene	6.18	mg/kg	0.17	93	75	125			
Benzo(a)Anthracene	6.65	mg/kg	0.17	100	75	125			
Chrysene	6.23	mg/kg	0.17	93	75	125			
Benzo(b)Fluoranthene/Benzo(k)Fluoran	12.9	mg/kg	0.33	97	75	125			
Benzo(a)Pyrene	6.41	mg/kg	0.17	96	75	125			
Dibenz(a,h)anthracene/Indeno(1,2,3-cd	13.5	mg/kg	0.33	101	75	125			
Benzo(g,h,I)perylene	6.47	mg/kg	0.17	97	75	125			
Surr: 2-Bromonaphthalene			0.17	96	40	140			
Surr: 2-Fluorobiphenyl			0.17	96	40	140			
Surr: o-Terphenyl			0.17	94	40	140			
Sample ID: CCV_0411GC101r-S	Continuing Calibration Verification								04/11/06 09:54
n-Nonane	6.02	mg/kg	0.17	90	75	125			
n-Decane	6.22	mg/kg	0.17	93	75	125			
n-Dodecane	6.43	mg/kg	0.17	97	75	125			
n-Tetradecane	6.68	mg/kg	0.17	100	75	125			

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/13/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: MA-EPH								Analytical Run: HHP_060406B	
Sample ID: CCV_0411GC101r-S	Continuing Calibration Verification							04/11/06 09:54	
n-Hexadecane	6.84	mg/kg	0.17	103	75	125			
n-Octadecane	6.97	mg/kg	0.17	105	75	125			
n-Nonadecane	7.06	mg/kg	0.17	106	75	125			
n-Eicosane	7.22	mg/kg	0.17	108	75	125			
n-Docosane	7.17	mg/kg	0.17	107	75	125			
n-Tetracosane	7.23	mg/kg	0.17	108	75	125			
n-Hexacosane	7.25	mg/kg	0.17	109	75	125			
n-Octacosane	7.32	mg/kg	0.17	110	75	125			
n-Triacontane	7.37	mg/kg	0.17	111	75	125			
n-Hexatriacontane	6.93	mg/kg	0.17	104	75	125			
Surr: 1-Chloro-octadecane			0.17	119	75	125			
Method: SW8015M								Batch: 1805	
Sample ID: MB-1805	Method Blank				Run: HHP_060326A			03/26/06 16:50	
Total Extractable Hydrocarbons	ND	mg/kg	10						
Surr: o-Terphenyl			0.17	96.7	40	140			
Sample ID: LCS-1805	Laboratory Control Spike				Run: HHP_060326A			03/26/06 17:32	
Total Extractable Hydrocarbons	182	mg/kg	10	117	60	140			
Surr: o-Terphenyl			0.17	105	40	140			
Sample ID: H06030175-005AMS	Sample Matrix Spike				Run: HHP_060326A			03/26/06 23:12	
Total Extractable Hydrocarbons	171	mg/kg	10	109	60	140			
Surr: o-Terphenyl			0.17	98.7	40	140			
Sample ID: H06030175-005AMSD	Sample Matrix Spike Duplicate				Run: HHP_060326A			03/26/06 23:54	
Total Extractable Hydrocarbons	157	mg/kg	10	101	60	140	8.1	20	
Surr: o-Terphenyl			0.17	93.4	40	140			

Qualifiers:

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/13/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8015M								Analytical Run: HHP_060406A	
Sample ID: CCV_0406GC101r-S	Continuing Calibration Verification							04/06/06 11:31	
n-Nonane	6.80	mg/kg	0.17	102	75	125			
n-Decane	6.97	mg/kg	0.17	105	75	125			
n-Dodecane	7.13	mg/kg	0.17	107	75	125			
n-Tetradecane	7.33	mg/kg	0.17	110	75	125			
n-Hexadecane	7.52	mg/kg	0.17	113	75	125			
n-Octadecane	7.63	mg/kg	0.17	114	75	125			
n-Nonadecane	7.68	mg/kg	0.17	115	75	125			
n-Eicosane	7.76	mg/kg	0.17	116	75	125			
n-Docosane	7.81	mg/kg	0.17	117	75	125			
n-Tetracosane	7.89	mg/kg	0.17	118	75	125			
n-Hexacosane	7.90	mg/kg	0.17	119	75	125			
n-Octacosane	7.90	mg/kg	0.17	119	75	125			
n-Triacontane	7.71	mg/kg	0.17	116	75	125			
n-Hexatriacontane	7.32	mg/kg	0.17	110	75	125			
Surr: o-Terphenyl			0.17	125	75	125			

Qualifiers:

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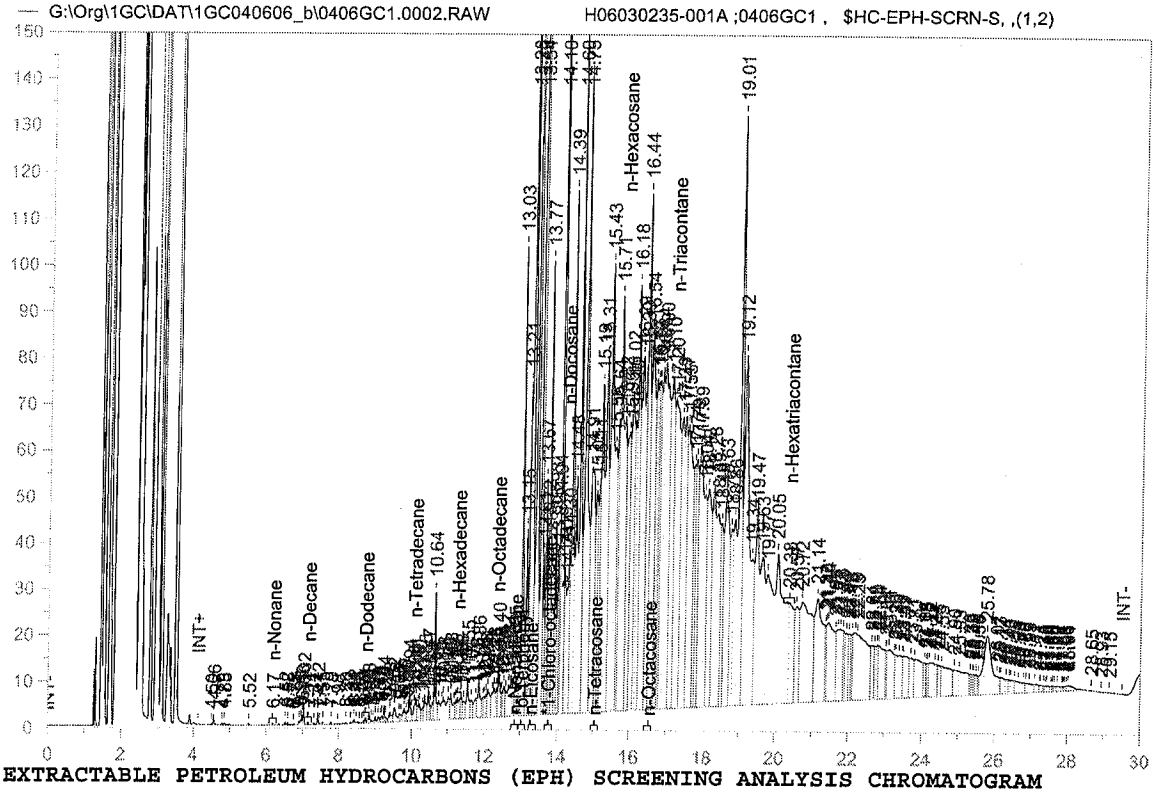
B1-S-2-D



EXTRACTABLE PETROLEUM HYDROCARBONS (EPH) SCREENING ANALYSIS CHROMATOGRAM

Sample Name: H06030235-001A ;0406GC1 , $HC-EPH-SCRN-S, ,(1,2)
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0002.RAW
Date & Time Acquired: 4/6/2006 12:13:28 PM
Method File: G:\Org\1GC\Methods\04060602.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF for C9 to C18 Hydrocarbons: 1510.088
Mean RF for C19 to C36 Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Hydrocarbons: 6.08 to 12.75
Rt range for C19 to C36 Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*o-Terphenyl	13.025	6.667	11.87	178.06	-
*1-Chloro-octadecane	13.767	6.667	11.572	173.57	-

DRO Area:1.74124E+07 DRO Amount: 763.8045
TEH Area:2.913726E+07 TEH Amount: 1278.122
C9-C18 Area:908085.4 C9-C18 Amount: 40.08972
C19-C36 Area:2.433204E+07 C19-C36 Amount: 1060.564

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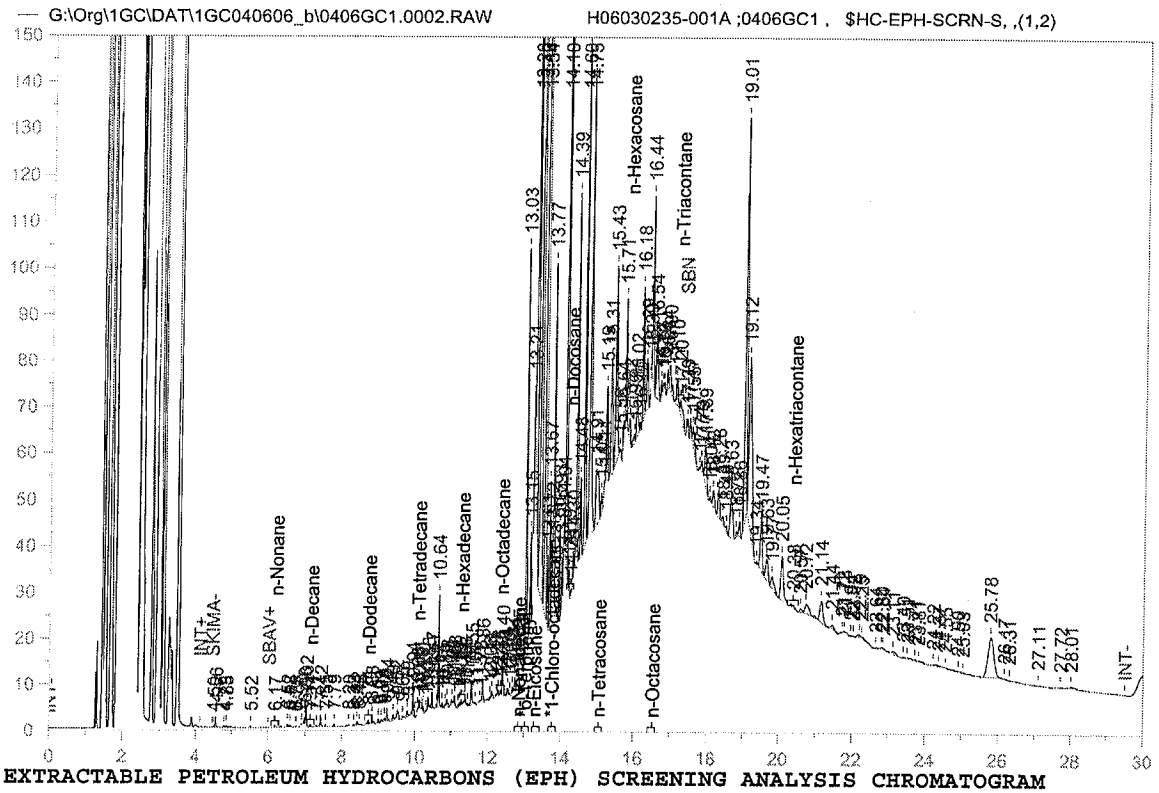
B1-S-2-D



EXTRACTABLE PETROLEUM HYDROCARBONS (EPH) SCREENING ANALYSIS CHROMATOGRAM

Sample Name: H06030235-001A ;0406GC1 , $HC-EPH-SCRN-S, ,(1,2)
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0002.RAW
Date & Time Acquired: 4/6/2006 12:13:28 PM
Method File: G:\Org\1GC\Methods\xphXL10FOTP.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF for C9 to C18 Hydrocarbons: 1510.088
Mean RF for C19 to C36 Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Hydrocarbons: 6.08 to 12.75
Rt range for C19 to C36 Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*o-Terphenyl	13.025	6.667	6.748	101.23	-
*1-Chloro-octadecane	13.767	6.667	5.848	87.71	-

DRO Area:4679346 DRO Amount: 205.2621
TEH Area:5701849 TEH Amount: 250.1147
C9-C18 Area:203700.5 C9-C18 Amount: 8.992872
C19-C36 Area:5298080 C19-C36 Amount: 230.9282

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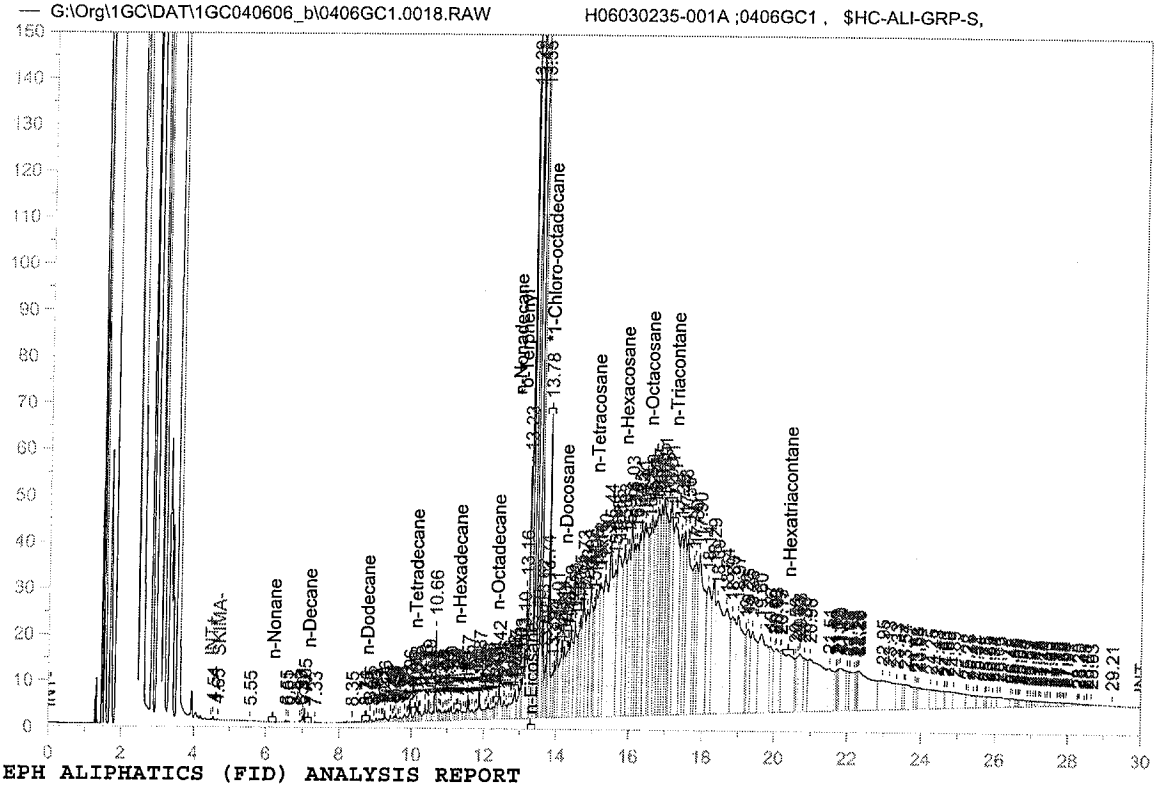
B1-S-2-D



EPH ALIPHATICS (FID) ANALYSIS REPORT

Sample Name: H06030235-001A ;0406GC1 , $HC-ALI-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0018.RAW
Date & Time Acquired: 4/6/2006 11:52:27 PM
Method File: \\Srvhe\programs\Org\1GC\Methods\04060618.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF for C9 to C18 Aliphatic Hydrocarbons: 1510.088
Mean RF for C19 to C36 Aliphatic Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Aliphatic Hydrocarbons: 6.08 to 12.93
Rt range for C19 to C36 Aliphatic Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*1-Chloro-octadecane	13.778	6.667	7.591	113.87

DRO Area:9352372 DRO Amount: 410.2469
TEH Area:1.567082E+07 TEH Amount: 687.4092

Aliphatic Hydrocarbon Areas and Amounts:
C9-C18 Area:515192.4 C9-C18 Amount: 22.74447
C19-C36 Area:1.294873E+07C19-C36 Amount: 564.3981

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B1-S-2-D

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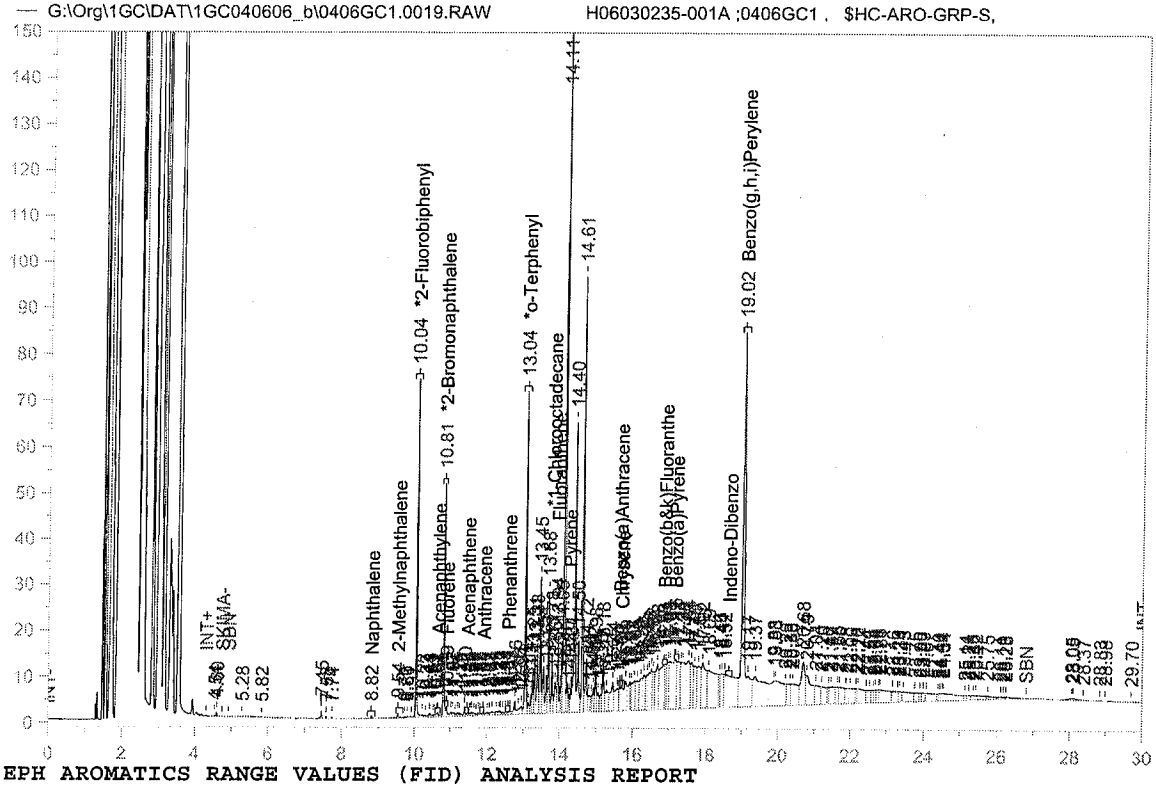

EPH AROMATICS RANGE VALUES (FID) ANALYSIS REPORT

Sample Name: H06030235-001A ;0406GC1 , $HC-ARO-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0019.RAW
Date & Time Acquired: 4/7/2006 12:35:01 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\04060619.met
Calibration File: G:\Org\1GC\Cals\ARa012506E.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF EPH Aromatics: 1773.333
Rt range for EPH C11 to C22 Aromatics: 8.71 to 19.13

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*2-Fluorobiphenyl	10.043	6.667	5.739	86.09	-
*2-Bromonaphthalene	10.806	6.667	5.336	80.04	-
*o-Terphenyl	13.039	6.667	4.696	70.43	-
*1-Chlorooctadecane	13.779	6.667	1.4	21.	-

C11-C22 Aromatics Area:3510274 C11-C22 Aromatics Amount: 131.9652
EPH Aromatics total Area:4804072 EPH Aromatics Total Amount: 180.6042

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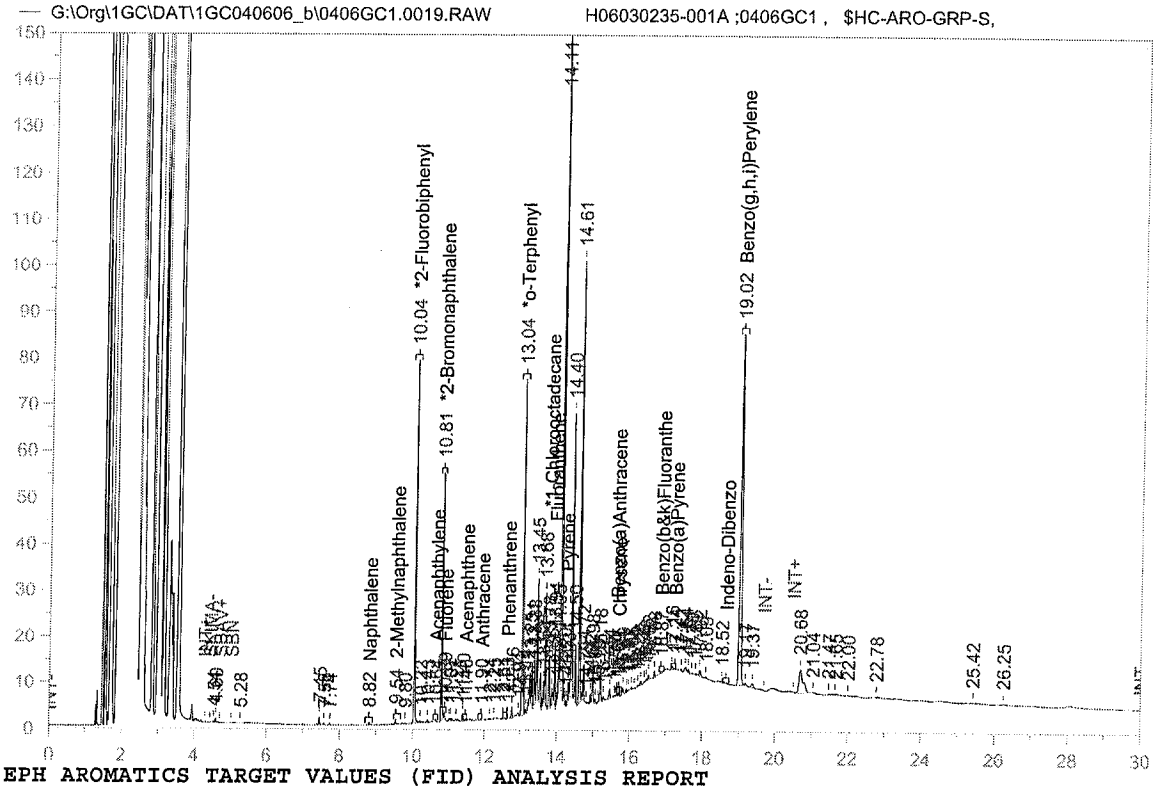
B1-S-2-D



EPH AROMATICS TARGET VALUES (FID) ANALYSIS REPORT

Sample Name: H06030235-001A ;0406GC1 , $HC-ARO-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0019.RAW
Date & Time Acquired: 4/7/2006 12:35:01 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\araXL9ET.met
Calibration File: G:\Org\1GC\Cals\ARa012506E.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

TARGET ANALYTES	RT	CAL RRT	RRT	AREA	AMOUNT	FLAG
Naphthalene	8.818	8.818	8.818	1023	.133	U
2-Methylnaphthalene	9.543	1.21	1.263	2974	.119	J
Acenaphthylene	10.644	10.644	10.644	627	.133	U
Fluorene	10.895	10.895	10.895	1905	.133	U
Acenaphthene	11.461	11.461	11.461	875	.133	U
Anthracene	11.904	11.904	11.904	651	.133	U
Phenanthrene	12.626	12.626	12.626	725	.133	U
Fluoranthene	13.94	-3.17	-3.134	21947	.825	
Pyrene	14.252	14.252	14.252	1764	.133	U
Benzo(a)Anthracene	15.639	15.639	15.639	1102	.133	U
Chrysene	15.694	15.694	15.694	1624	.133	U
Benzo(b&k)Fluoranthe	16.865	16.865	16.865	1237	.267	U
Benzo(a)Pyrene	17.241	17.241	17.241	733	.133	U
Indeno-Dibenzo	.	.	.		.267	U
Benzo(g,h,i)Perylene	19.018	-8.23	-8.212	252471	9.149	

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	QC LIMITS
*2-Fluorobiphenyl	10.043	6.667	5.587	83.8	40-140
*2-Bromonaphthalene	10.806	6.667	5.001	75.02	40-140
*o-Terphenyl	13.039	6.667	4.381	65.71	40-140
*1-Chlorooctadecane	13.779	6.667	.885	13.28	40-140

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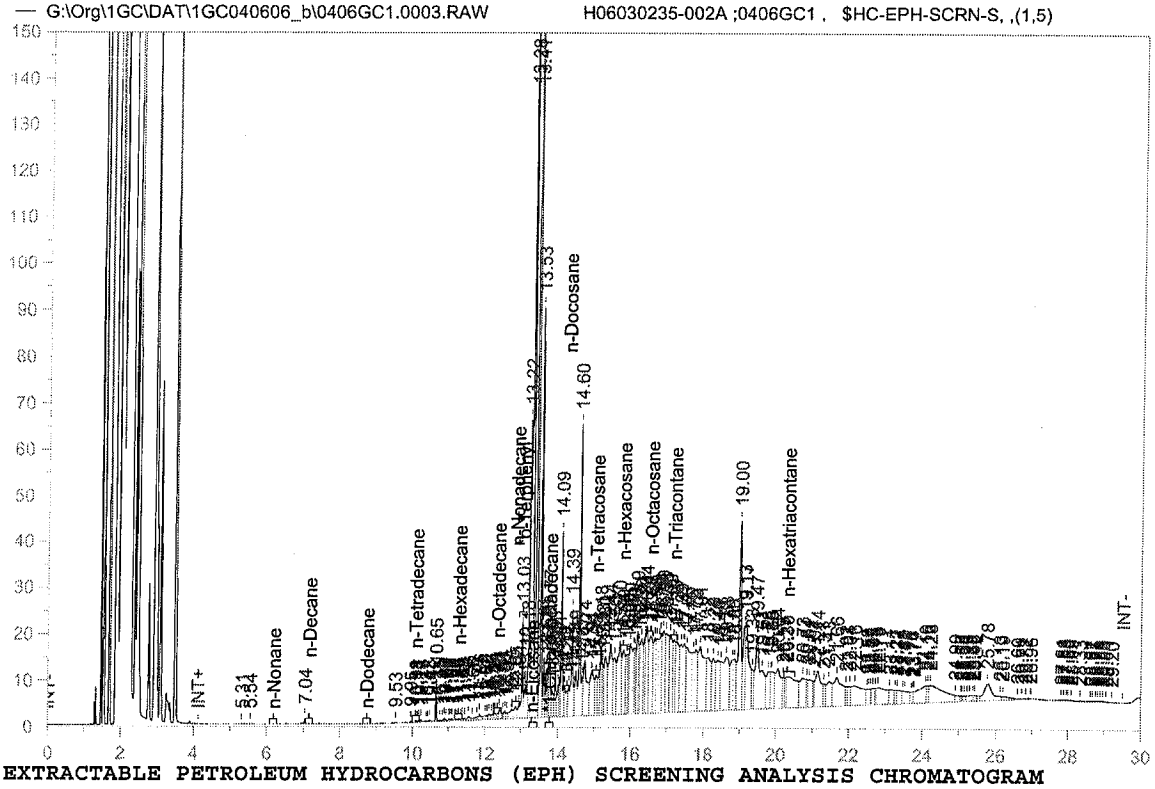
B2-S-2-D

— G:\Org\1GC\DAT\1GC040606_b\0406GC1.0003.RAW H06030235-002A ;0406GC1 , $HC-EPH-SCRN-S, ,(1,5)



EXTRACTABLE PETROLEUM HYDROCARBONS (EPH) SCREENING ANALYSIS CHROMATOGRAM

Sample Name: H06030235-002A ;0406GC1 , $HC-EPH-SCRN-S, ,(1,5)
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0003.RAW
Date & Time Acquired: 4/6/2006 12:55:14 PM
Method File: G:\Org\1GC\Methods\04060602.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 5 S.A.: 1

Mean RF for C9 to C18 Hydrocarbons: 1510.088
Mean RF for C19 to C36 Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Hydrocarbons: 6.08 to 12.75
Rt range for C19 to C36 Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*o-Terphenyl	13.03	6.667	5.228	78.43	-
*1-Chloro-octadecane	13.768	6.667	5.598	83.97	-

DRO Area:4515156 DRO Amount: 495.1494
TEH Area:7757045 TEH Amount: 850.6675
C9-C18 Area:128934.6 C9-C18 Amount: 14.23036
C19-C36 Area:6503305 C19-C36 Amount: 708.6514

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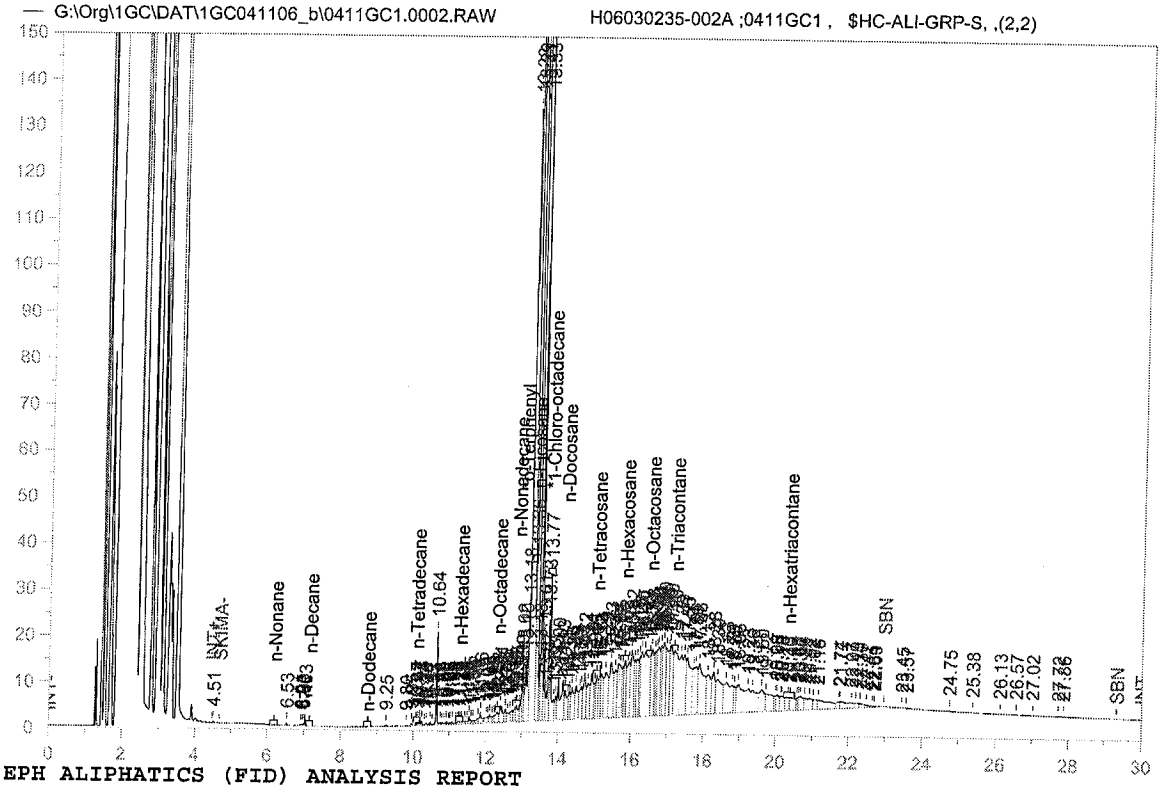

EPH ALIPHATICS (FID) ANALYSIS REPORT

Sample Name: H06030235-002A ;0411GC1 , $HC-ALI-GRP-S, ,(2,2)
Raw File: G:\Org\1GC\DAT\1GC041106_b\0411GC1.0002.RAW
Date & Time Acquired: 4/11/2006 10:36:07 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\04110602A.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 4 S.A.: 1

Mean RF for C9 to C18 Aliphatic Hydrocarbons: 1510.088
Mean RF for C19 to C36 Aliphatic Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Aliphatic Hydrocarbons: 6.08 to 12.93
Rt range for C19 to C36 Aliphatic Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*1-Chloro-octadecane	13.766	6.667	7.373	110.6

DRO Area:5856665 DRO Amount: 513.8116
TEH Area:7260350 TEH Amount: 636.9584

Aliphatic Hydrocarbon Areas and Amounts:
C9-C18 Area:220559.6 C9-C18 Amount: 19.47432
C19-C36 Area:6846255 C19-C36 Amount: 596.8175

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B2-S-2-D

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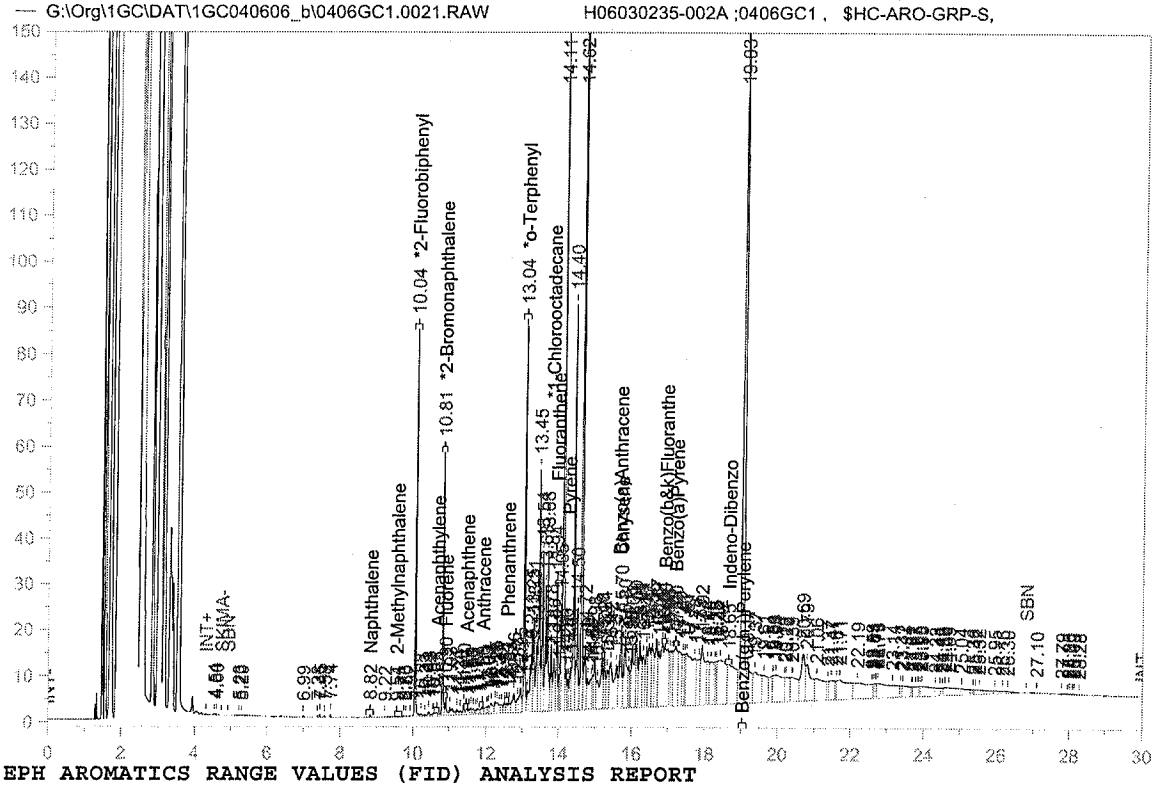

EPH AROMATICS RANGE VALUES (FID) ANALYSIS REPORT

Sample Name: H06030235-002A ;0406GC1 , $HC-ARO-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0021.RAW
Date & Time Acquired: 4/7/2006 1:59:36 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\04060619.met
Calibration File: G:\Org\1GC\Cals\ARa012506E.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF EPH Aromatics: 1773.333
Rt range for EPH C11 to C22 Aromatics: 8.71 to 19.13

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*2-Fluorobiphenyl	10.044	6.667	6.372	95.58	-
*2-Bromonaphthalene	10.808	6.667	5.899	88.49	-
*o-Terphenyl	13.041	6.667	5.807	87.11	-
*1-Chlorooctadecane	13.782	6.667	1.808	27.12	-

C11-C22 Aromatics Area:5311314 C11-C22 Aromatics Amount: 199.6735
EPH Aromatics total Area:6748273 EPH Aromatics Total Amount: 253.6945

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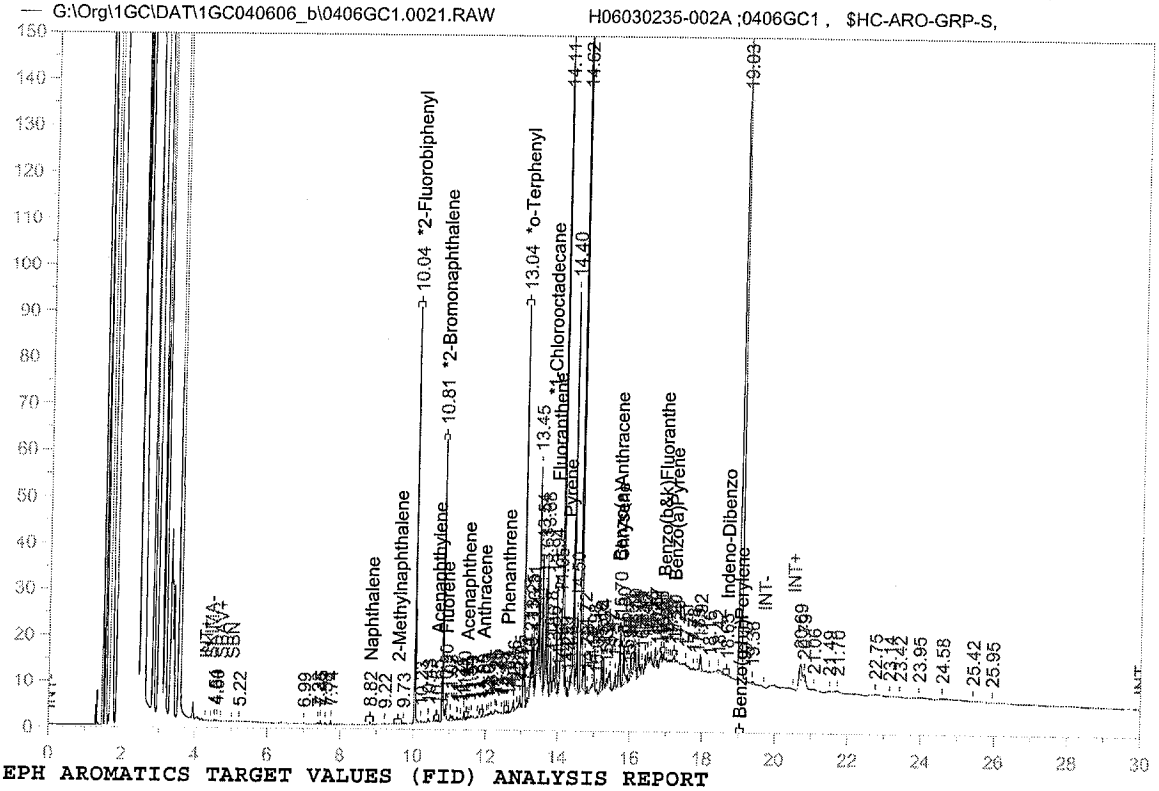
— G:\Org\1GC\DAT\1GC040606_b\0406GC1.0021.RAW H06030235-002A ;0406GC1 , $HC-ARO-GRP-S,



EPH AROMATICS TARGET VALUES (FID) ANALYSIS REPORT

Sample Name: H06030235-002A ;0406GC1 , $HC-ARO-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0021.RAW
Date & Time Acquired: 4/7/2006 1:59:36 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\araXL9ET.met
Calibration File: G:\Org\1GC\Cals\ARa012506E.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

TARGET ANALYTES	RT	CAL RRT	RRT	AREA	AMOUNT	FLAG
Naphthalene	8.819	8.819	8.819	1184	.133	U
2-Methylnaphthalene	.	.	.		.133	U
Acenaphthylene	10.652	10.652	10.652	1043	.133	U
Fluorene	10.896	-.06	-.088	4257	.154	
Acenaphthene	11.465	11.465	11.465	1494	.133	U
Anthracene	11.902	11.902	11.902	1234	.133	U
Phenanthrene	12.574	12.574	12.574	827	.133	U
Fluoranthene	13.942	-3.17	-3.134	37144	1.396	
Pyrene	14.253	14.253	14.253	2966	.133	U
Benzo(a)Anthracene	.	.	.		.133	U
Chrysene	15.7	-4.9	-4.892	28226	1.015	
Benzo(b&k)Fluoranthe	16.905	16.905	16.905	3090	.267	U
Benzo(a)Pyrene	17.196	-6.4	-6.388	4977	.183	
Indeno-Dibenzo	18.646	18.646	18.646	2599	.267	U
Benzo(g,h,i)Perylene	19.03	-8.23	-8.221	550329	19.942	

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	QC LIMITS
*2-Fluorobiphenyl	10.044	6.667	6.264	93.96	40-140
*2-Bromonaphthalene	10.808	6.667	5.569	83.53	40-140
*o-Terphenyl	13.041	6.667	5.106	76.59	40-140
*1-Chlorooctadecane	13.782	6.667	.754	11.3	40-140

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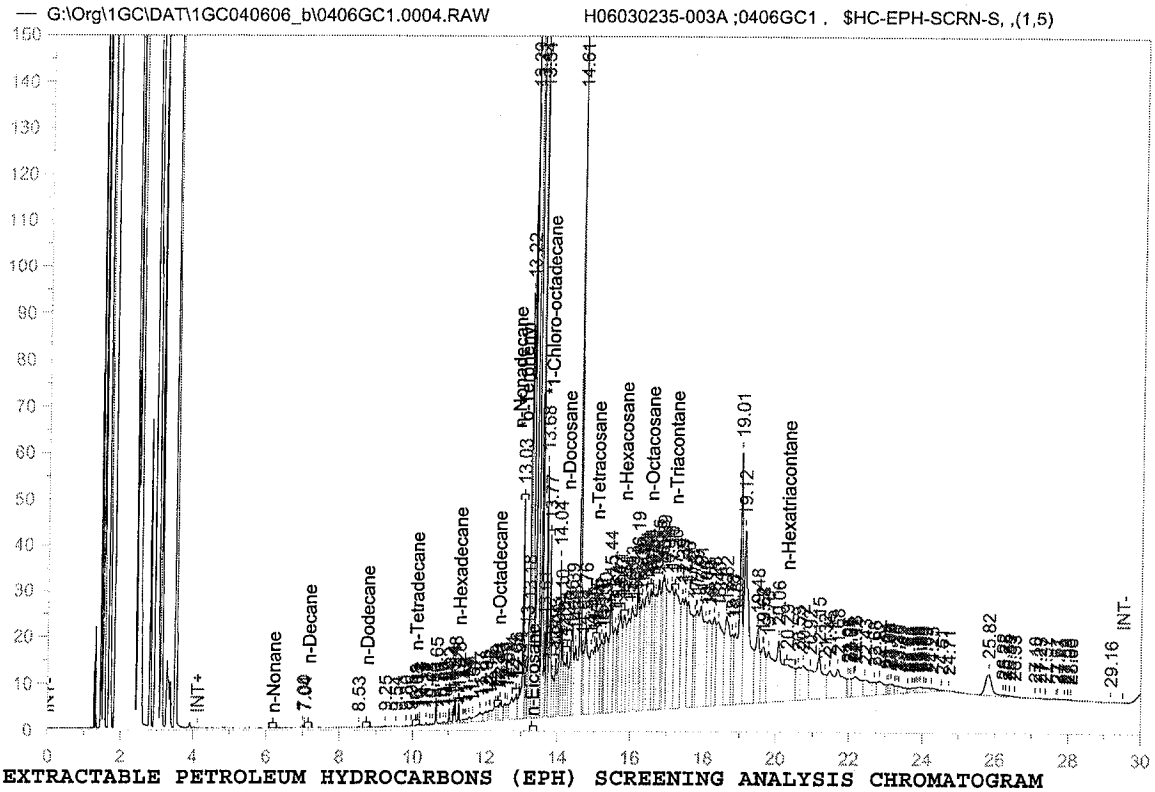

EXTRACTABLE PETROLEUM HYDROCARBONS (EPH) SCREENING ANALYSIS CHROMATOGRAM

Sample Name: H06030235-003A ;0406GC1 , $HC-EPH-SCRN-S, ,(1,5)
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0004.RAW
Date & Time Acquired: 4/6/2006 1:37:04 PM
Method File: G:\Org\1GC\Methods\04060602.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 5 S.A.: 1

Mean RF for C9 to C18 Hydrocarbons: 1510.088
Mean RF for C19 to C36 Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Hydrocarbons: 6.08 to 12.75
Rt range for C19 to C36 Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*o-Terphenyl	13.034	6.667	11.858	177.88	-
*1-Chloro-octadecane	13.773	6.667	15.511	232.67	-

DRO Area:6965801 DRO Amount: 763.8967
TEH Area:1.090489E+07 TEH Amount: 1195.872
C9-C18 Area:247508.5 C9-C18 Amount: 27.31722
C19-C36 Area:9767097 C19-C36 Amount: 1064.3

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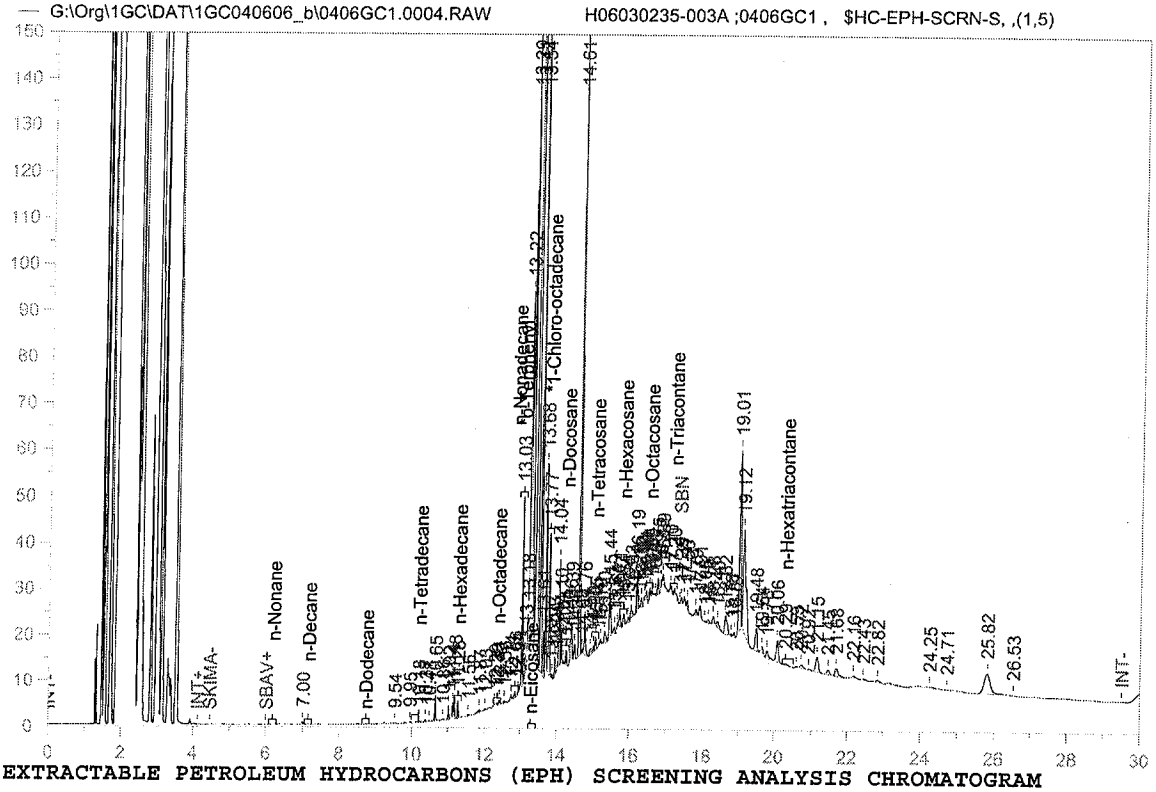

EXTRACTABLE PETROLEUM HYDROCARBONS (EPH) SCREENING ANALYSIS CHROMATOGRAM

Sample Name: H06030235-003A ;0406GC1 , $HC-EPH-SCRN-S, ,(1,5)
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0004.RAW
Date & Time Acquired: 4/6/2006 1:37:04 PM
Method File: G:\Org\1GC\Methods\xphXL10FOTP.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 5 S.A.: 1

Mean RF for C9 to C18 Hydrocarbons: 1510.088
Mean RF for C19 to C36 Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Hydrocarbons: 6.08 to 12.75
Rt range for C19 to C36 Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*o-Terphenyl	13.034	6.667	7.251	108.76	-
*1-Chloro-octadecane	13.773	6.667	7.902	118.53	-

DRO Area:2418873 DRO Amount: 265.263
TEH Area:2889883 TEH Amount: 316.9157
C9-C18 Area:60867.04 C9-C18 Amount: 6.717824
C19-C36 Area:2715129 C19-C36 Amount: 295.8618

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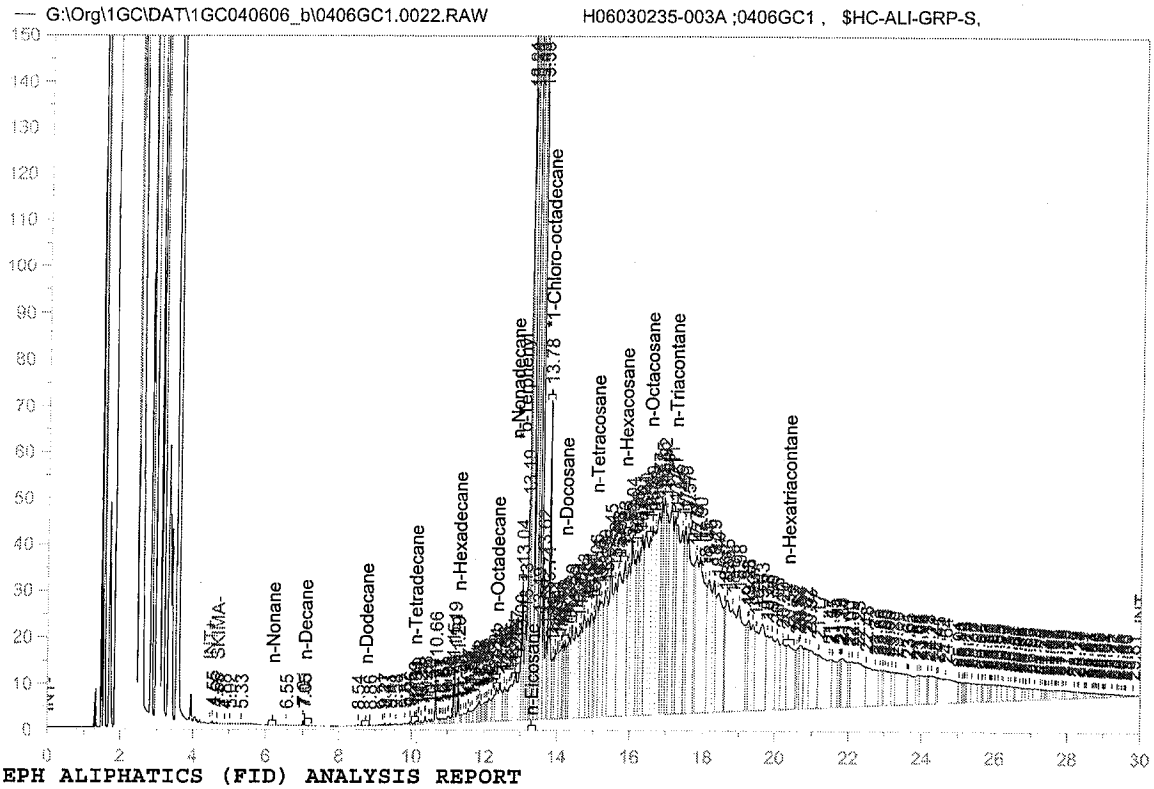

EPH ALIPHATICS (FID) ANALYSIS REPORT

Sample Name: H06030235-003A ;0406GC1 , $HC-ALI-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0022.RAW
Date & Time Acquired: 4/7/2006 2:41:36 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\04060618.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF for C9 to C18 Aliphatic Hydrocarbons: 1510.088
Mean RF for C19 to C36 Aliphatic Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Aliphatic Hydrocarbons: 6.08 to 12.93
Rt range for C19 to C36 Aliphatic Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*1-Chloro-octadecane	13.78	6.667	8.688	130.32

DRO Area:1.155034E+07 DRO Amount: 506.6619
TEH Area:1.871081E+07 TEH Amount: 820.7599

Aliphatic Hydrocarbon Areas and Amounts:
C9-C18 Area:606693.2 C9-C18 Amount: 26.784
C19-C36 Area:1.530602E+07C19-C36 Amount: 667.1459

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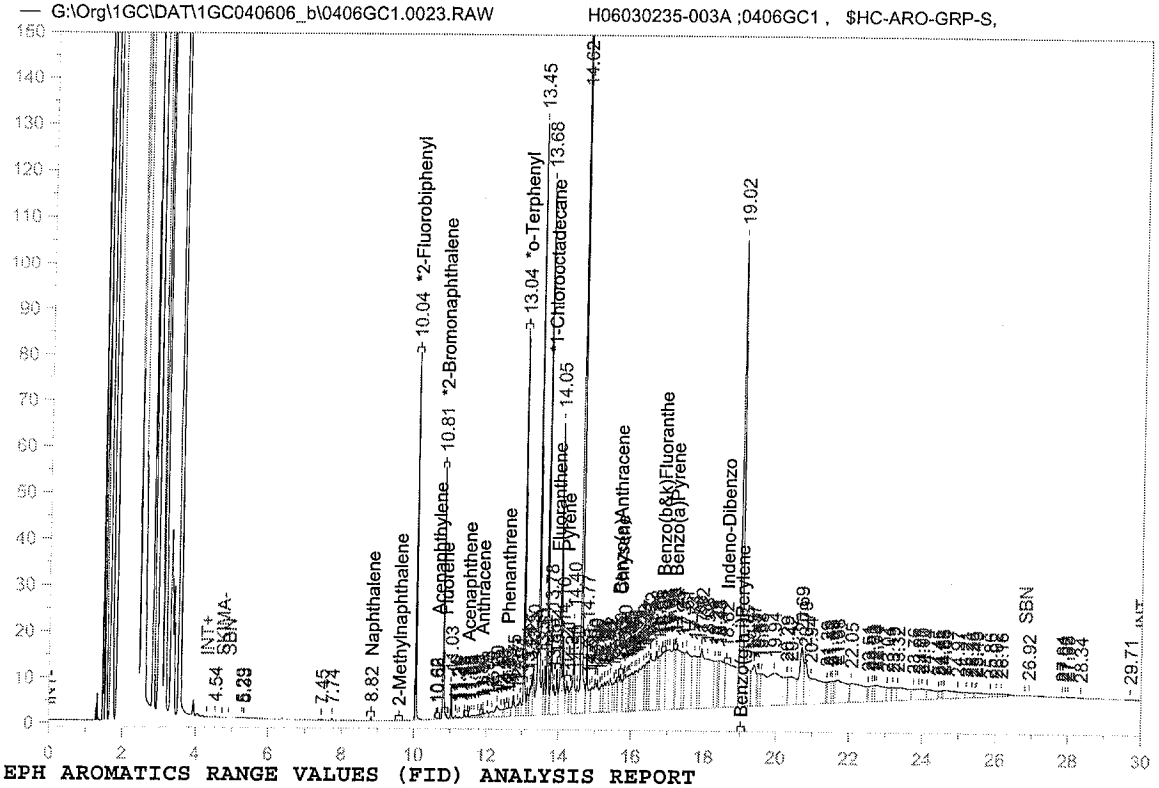
B3-S-1-D



EPH AROMATICS RANGE VALUES (FID) ANALYSIS REPORT

Sample Name: H06030235-003A ;0406GC1 , $HC-ARO-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0023.RAW
Date & Time Acquired: 4/7/2006 3:23:35 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\04060619.met
Calibration File: G:\Org\1GC\Cals\ARa012506E.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF EPH Aromatics: 1773.333
Rt range for EPH C11 to C22 Aromatics: 8.71 to 19.13

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*2-Fluorobiphenyl	10.044	6.667	6.008	90.12	-
*2-Bromonaphthalene	10.808	6.667	5.777	86.66	-
*o-Terphenyl	13.041	6.667	5.602	84.03	-
*1-Chlorooctadecane	13.785	6.667	2.432	36.47	-

C11-C22 Aromatics Area:4793369
EPH Aromatics total Area:6435963

C11-C22 Aromatics Amount: 180.2019
EPH Aromatics Total Amount: 241.9535

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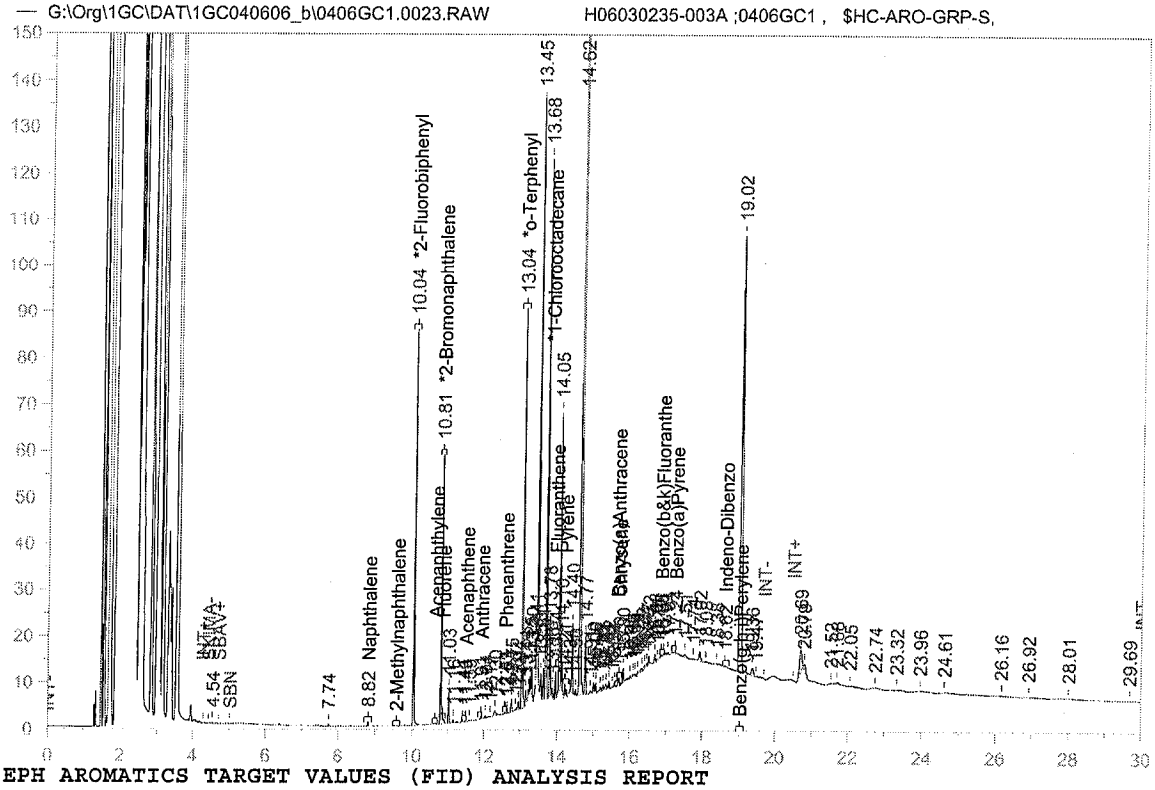
B3-S-1-D



EPH AROMATICS TARGET VALUES (FID) ANALYSIS REPORT

Sample Name: H06030235-003A ;0406GC1 , $HC-ARO-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0023.RAW
Date & Time Acquired: 4/7/2006 3:23:35 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\araXL9ET.met
Calibration File: G:\Org\1GC\Cals\ARa012506E.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

TARGET ANALYTES	RT	CAL RRT	RRT	AREA	AMOUNT	FLAG
Naphthalene	8.819	8.819	8.819	1341	.133	U
2-Methylnaphthalene	.	.	.		.133	U
Acenaphthylene	.	.	.		.133	U
Fluorene	.	.	.		.133	U
Acenaphthene	11.49	11.49	11.49	668	.133	U
Anthracene	11.91	11.91	11.91	922	.133	U
Phenanthrene	12.574	12.574	12.574	908	.133	U
Fluoranthene	13.944	-3.17	-3.136	10140	.381	
Pyrene	14.21	-3.44	-3.402	7275	.265	
Benzo(a)Anthracene	.	.	.		.133	U
Chrysene	15.698	-4.9	-4.89	5222	.188	
Benzo(b&k)Fluoranthe	16.856	16.856	16.856	1278	.267	U
Benzo(a)Pyrene	17.237	17.237	17.237	1781	.133	U
Indeno-Dibenzo	18.618	18.618	18.618	1020	.267	U
Benzo(g,h,i)Perylene	19.025	-8.23	-8.217	319253	11.569	

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	QC LIMITS
*2-Fluorobiphenyl	10.044	6.667	5.986	89.79	40-140
*2-Bromonaphthalene	10.808	6.667	5.713	85.7	40-140
*o-Terphenyl	13.041	6.667	4.88	73.2	40-140
*1-Chlorooctadecane	13.784	6.667	1.336	20.04	40-140

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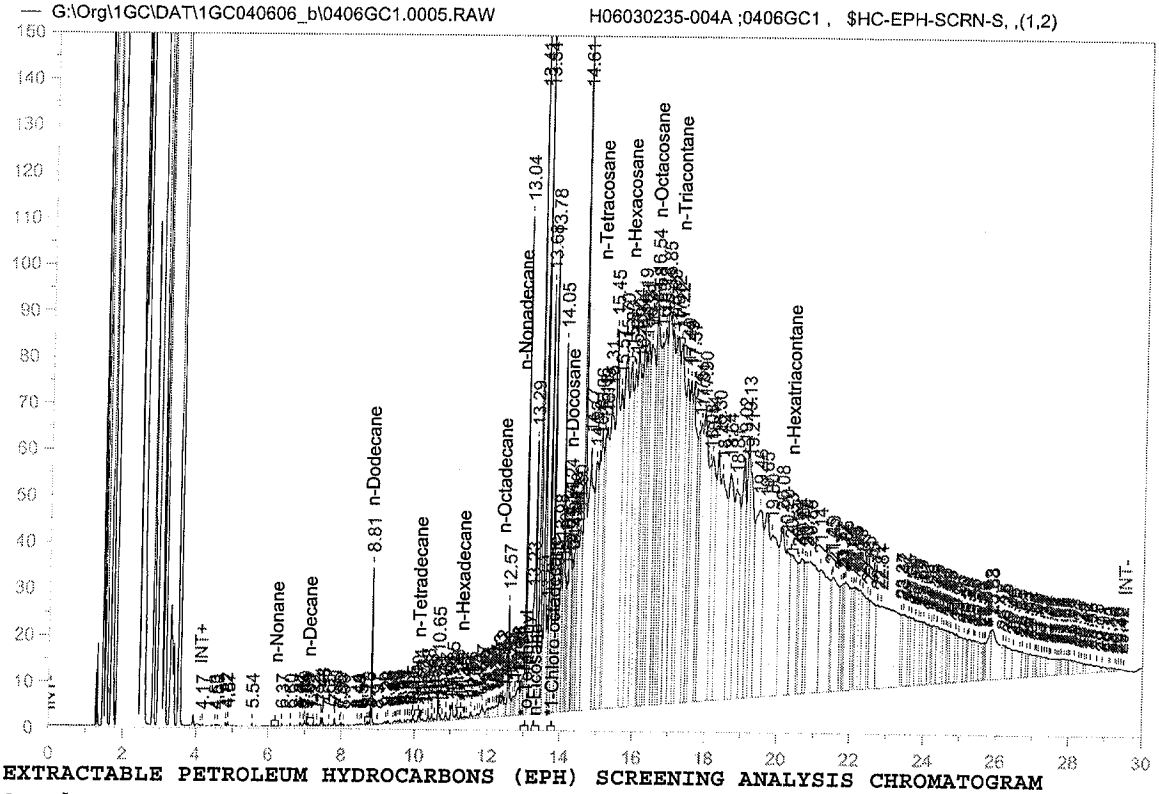
B4-S-1-D



EXTRACTABLE PETROLEUM HYDROCARBONS (EPH) SCREENING ANALYSIS CHROMATOGRAM

Sample Name: H06030235-004A ;0406GC1 , $HC-EPH-SCRN-S, ,(1,2)
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0005.RAW
Date & Time Acquired: 4/6/2006 2:18:51 PM
Method File: G:\Org\1GC\Methods\04060602.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF for C9 to C18 Hydrocarbons: 1510.088
Mean RF for C19 to C36 Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Hydrocarbons: 6.08 to 12.75
Rt range for C19 to C36 Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*o-Terphenyl	13.038	6.667	8.435	126.52	-
*1-Chloro-octadecane	13.779	6.667	13.148	197.22	-

DRO Area:1.48988E+07 DRO Amount: 653.5439
TEH Area:2.973311E+07 TEH Amount: 1304.259
C9-C18 Area:372323.6 C9-C18 Amount: 16.43717
C19-C36 Area:2.305117E+07 C19-C36 Amount: 1004.735

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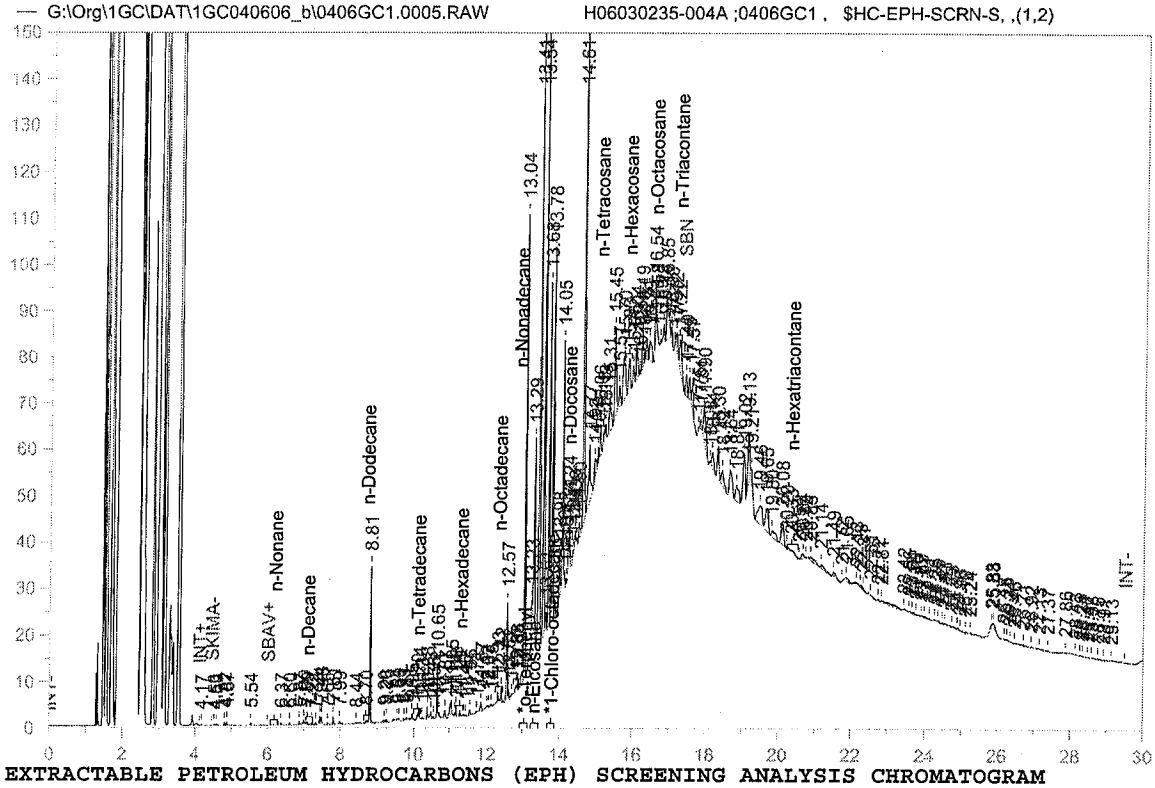

EXTRACTABLE PETROLEUM HYDROCARBONS (EPH) SCREENING ANALYSIS CHROMATOGRAM

Sample Name: H06030235-004A ;0406GC1 , $HC-EPH-SCRN-S, ,(1,2)
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0005.RAW
Date & Time Acquired: 4/6/2006 2:18:51 PM
Method File: G:\Org\1GC\Methods\xphXL10FOTP.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF for C9 to C18 Hydrocarbons: 1510.088
Mean RF for C19 to C36 Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Hydrocarbons: 6.08 to 12.75
Rt range for C19 to C36 Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*o-Terphenyl	13.038	6.667	6.667	100.	-
*1-Chloro-octadecane	13.779	6.667	7.455	111.83	-

DRO Area:1832081 DRO Amount: 80.36523
TEH Area:2322244 TEH Amount: 101.8665
C9-C18 Area:194776 C9-C18 Amount: 8.598881
C19-C36 Area:2025928 C19-C36 Amount: 88.30441

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B4-S-1-D

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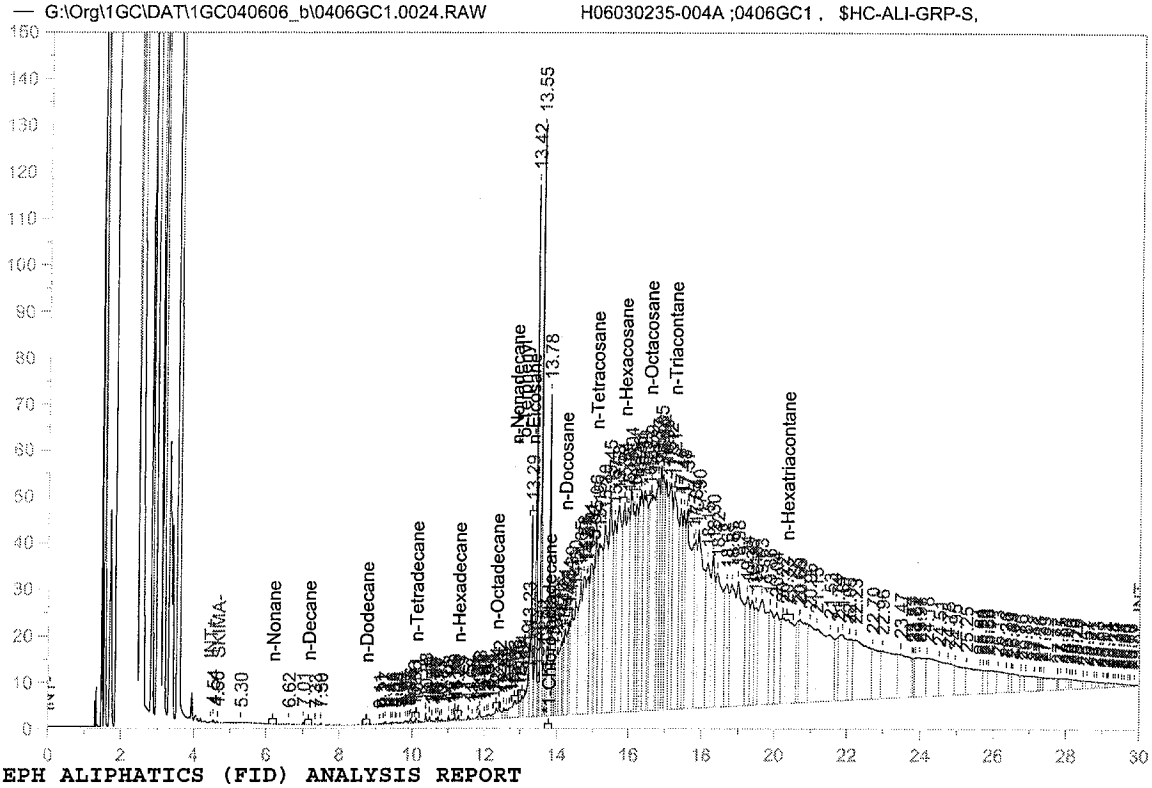

EPH ALIPHATICS (FID) ANALYSIS REPORT

Sample Name: H06030235-004A ;0406GC1 , $HC-ALI-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0024.RAW
Date & Time Acquired: 4/7/2006 4:06:09 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\04060624.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF for C9 to C18 Aliphatic Hydrocarbons: 1510.088
Mean RF for C19 to C36 Aliphatic Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Aliphatic Hydrocarbons: 6.08 to 12.93
Rt range for C19 to C36 Aliphatic Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*1-Chloro-octadecane	13.782	6.667	9.23	138.45

DRO Area:8480326 DRO Amount: 371.9942
TEH Area:1.729323E+07 TEH Amount: 758.577

Aliphatic Hydrocarbon Areas and Amounts:
C9-C18 Area:159606.2 C9-C18 Amount: 7.046218
C19-C36 Area:1.332491E+07 C19-C36 Amount: 580.7947

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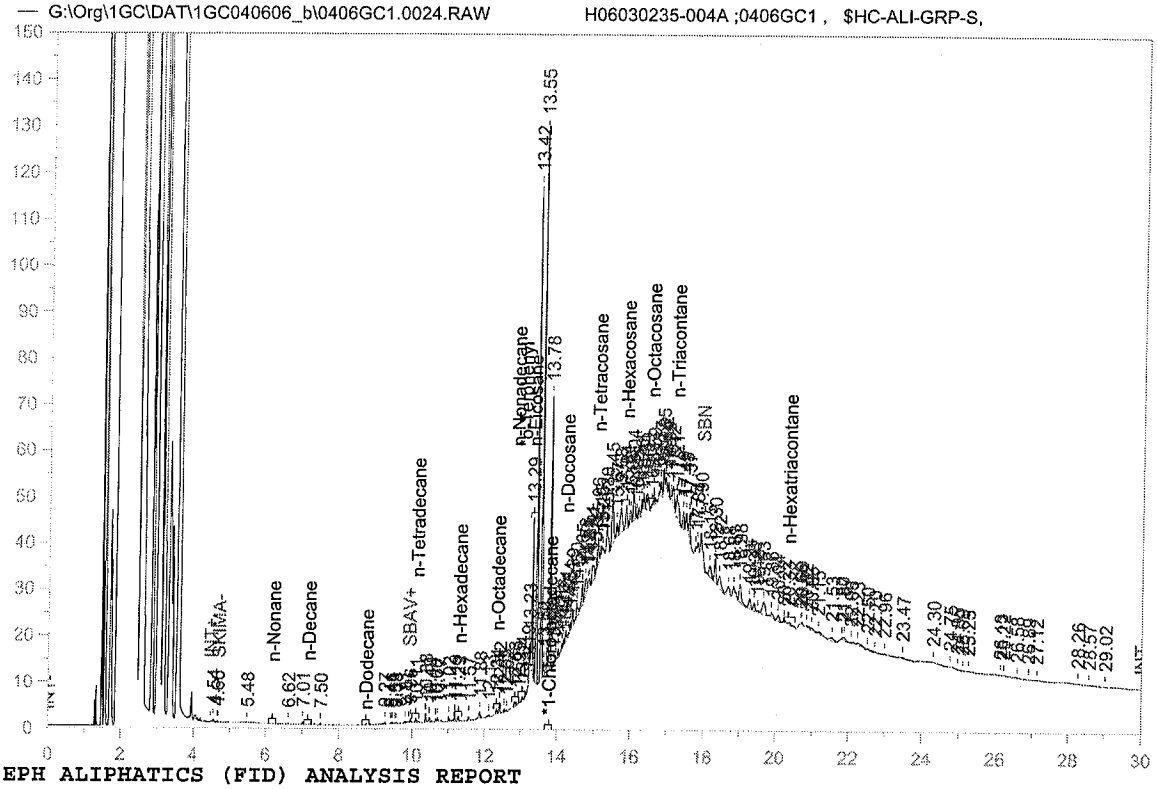
B4-S-1-D

— G:\Org\1GC\DAT\1GC040606_b\0406GC1.0024.RAW H06030235-004A ;0406GC1 , $HC-ALI-GRP-S,



EPH ALIPHATICS (FID) ANALYSIS REPORT

Sample Name: H06030235-004A ;0406GC1 , $HC-ALI-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0024.RAW
Date & Time Acquired: 4/7/2006 4:06:09 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\alaXL10FCOD.met
Calibration File: G:\Org\1GC\Cals\ALa122205F.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF for C9 to C18 Aliphatic Hydrocarbons: 1510.088
Mean RF for C19 to C36 Aliphatic Hydrocarbons: 1529.503
Mean RF for Total Extractable Hydrocarbons: 1519.796
Rt range for Diesel Range Organics: 7.05 to 17.28
Rt range for C9 to C18 Aliphatic Hydrocarbons: 6.08 to 12.93
Rt range for C19 to C36 Aliphatic Hydrocarbons: 12.98 to 20.51

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*1-Chloro-octadecane	13.782	6.667	5.12	76.81

DRO Area:854627 DRO Amount: 37.48869
TEH Area:1088799 TEH Amount: 47.76078

Aliphatic Hydrocarbon Areas and Amounts:
C9-C18 Area:53116.75 C9-C18 Amount: 2.344973
C19-C36 Area:980233.1 C19-C36 Amount: 42.72557

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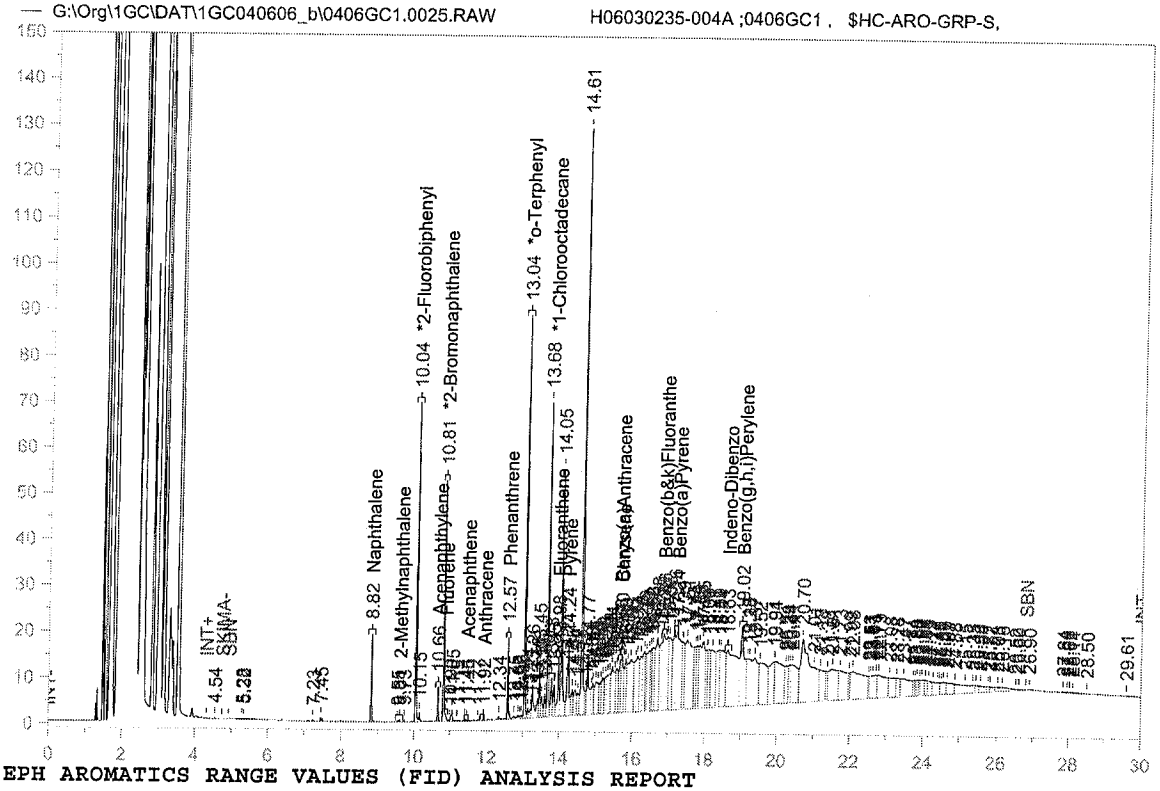

EPH AROMATICS RANGE VALUES (FID) ANALYSIS REPORT

Sample Name: H06030235-004A ;0406GC1 , $HC-ARO-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0025.RAW
Date & Time Acquired: 4/7/2006 4:48:44 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\04060619.met
Calibration File: G:\Org\1GC\Cals\ARa012506E.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

Mean RF EPH Aromatics: 1773.333
Rt range for EPH C11 to C22 Aromatics: 8.71 to 19.13

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*2-Fluorobiphenyl	10.045	6.667	5.195	77.92	-
*2-Bromonaphthalene	10.809	6.667	5.567	83.51	-
*o-Terphenyl	13.042	6.667	5.291	79.37	-
*1-Chlorooctadecane	13.785	6.667	1.096	16.45	-

C11-C22 Aromatics Area:4009188
EPH Aromatics total Area:6176343

C11-C22 Aromatics Amount: 150.7214
EPH Aromatics Total Amount: 232.1934

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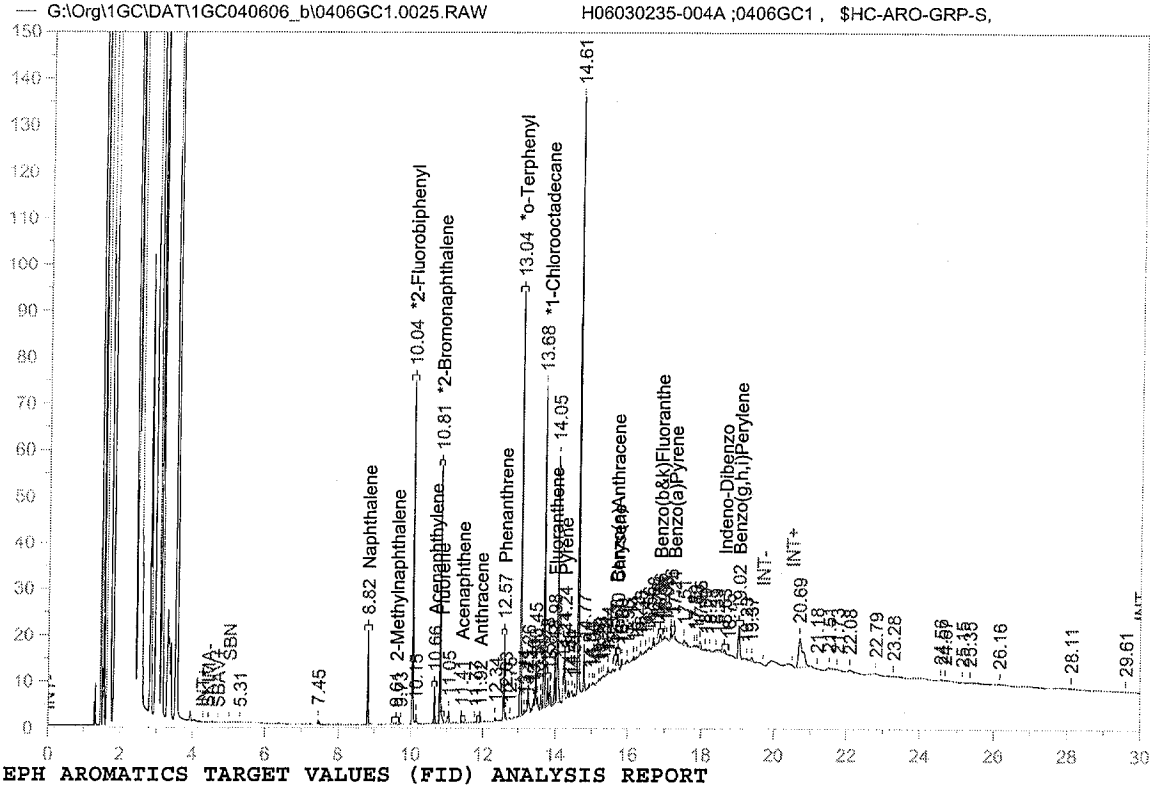

EPH AROMATICS TARGET VALUES (FID) ANALYSIS REPORT

Sample Name: H06030235-004A ;0406GC1 , $HC-ARO-GRP-S,
Raw File: G:\Org\1GC\DAT\1GC040606_b\0406GC1.0025.RAW
Date & Time Acquired: 4/7/2006 4:48:44 AM
Method File: \\Srvhe\programs\Org\1GC\Methods\araXL9ET.met
Calibration File: G:\Org\1GC\Cals\ARa012506E.CAL
Sample Weight: 30 Dilution: 2 S.A.: 1

TARGET ANALYTES	RT	CAL RRT	RRT	AREA	AMOUNT	FLAG
Naphthalene	8.817	1.99	1.992	28663	1.107	
2-Methylnaphthalene	9.606	9.606	9.606	598	.133	U
Acenaphthylene	10.659	.15	.15	12042	.484	
Fluorene	.	.	.		.133	U
Acenaphthene	11.406	11.406	11.406	731	.133	U
Anthracene	11.917	11.917	11.917	787	.133	U
Phenanthrene	12.575	-1.77	-1.766	26588	.974	
Fluoranthene	13.977	-3.17	-3.168	17335	.651	
Pyrene	14.243	-3.44	-3.434	10935	.398	
Benzo(a)Anthracene	15.662	15.662	15.662	1371	.133	U
Chrysene	15.699	-4.9	-4.89	3561	.128	J
Benzo(b&k)Fluoranthe	16.862	16.862	16.862	5290	.267	U
Benzo(a)Pyrene	17.239	-6.4	-6.429	6116	.225	
Indeno-Dibenzo	18.627	18.627	18.627	2499	.267	U
Benzo(g,h,i)Perylene	19.019	-8.23	-8.21	23503	.852	

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	QC LIMITS
*2-Fluorobiphenyl	10.045	6.667	5.119	76.78	40-140
*2-Bromonaphthalene	10.809	6.667	5.531	82.97	40-140
*o-Terphenyl	13.042	6.667	5.111	76.66	40-140
*1-Chlorooctadecane	13.785	6.667	.488	7.31	40-140

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-001
Client Sample ID: B1-S-2-D

Report Date: 04/10/06
Collection Date: 03/28/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PETROLEUM HYDROCARBONS-VOLATILE							
Methyl tert-butyl ether (MTBE)	ND	mg/kg		0.10	0.1	MA-VPH	04/06/06 14:45 / abb
Benzene	ND	mg/kg		0.050	0.05	MA-VPH	04/06/06 14:45 / abb
Toluene	0.41	mg/kg		0.050	10	MA-VPH	04/06/06 14:45 / abb
Ethylbenzene	ND	mg/kg		0.050	10	MA-VPH	04/06/06 14:45 / abb
m+p-Xylenes	ND	mg/kg		0.050		MA-VPH	04/06/06 14:45 / abb
o-Xylene	ND	mg/kg		0.050		MA-VPH	04/06/06 14:45 / abb
Xylenes, Total	ND	mg/kg		0.050	20	MA-VPH	04/06/06 14:45 / abb
Naphthalene	0.078	mg/kg	J	0.10	9	MA-VPH	04/06/06 14:45 / abb
C9 to C10 Aromatics	ND	mg/kg		2.0	8	MA-VPH	04/06/06 14:45 / abb
C5 to C8 Aliphatics	ND	mg/kg		2.0	10	MA-VPH	04/06/06 14:45 / abb
C9 to C12 Aliphatics	2.1	mg/kg		2.0	70	MA-VPH	04/06/06 14:45 / abb
Total Purgeable Hydrocarbons	3.7	mg/kg		2.0		MA-VPH	04/06/06 14:45 / abb
Surr: VPH Aromatics Surrogate	67.0	%REC	S		70-130	MA-VPH	04/06/06 14:45 / abb
Surr: VPH Aliphatics Surrogate	64.0	%REC	S		70-130	MA-VPH	04/06/06 14:45 / abb

- Note 1: The C5 to C8 Aliphatics value is corrected for aromatic constituents Benzene, Toluene, Ethylbenzene, and m+p-Xylenes.
- Note 2: The C9 to C12 Aliphatics value is corrected for aromatic constituents o-Xylene and C9 to C10 Aromatics.
- S=Surrogate recovery outside QC advisory limits due to the high moisture content of the sample. The percent moisture was 49.3.

Report Definitions:

RL - Analyte reporting limit.
QCL - Quality control limit.
J - Estimated value. The analyte was present but less than the reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-002
Client Sample ID: B2-S-2-D

Report Date: 04/10/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PETROLEUM HYDROCARBONS-VOLATILE							
Methyl tert-butyl ether (MTBE)	ND	mg/kg		0.10	0.1	MA-VPH	04/06/06 15:24 / abb
Benzene	ND	mg/kg		0.050	0.05	MA-VPH	04/06/06 15:24 / abb
Toluene	ND	mg/kg		0.050	10	MA-VPH	04/06/06 15:24 / abb
Ethylbenzene	ND	mg/kg		0.050	10	MA-VPH	04/06/06 15:24 / abb
m+p-Xylenes	ND	mg/kg		0.050		MA-VPH	04/06/06 15:24 / abb
o-Xylene	ND	mg/kg		0.050		MA-VPH	04/06/06 15:24 / abb
Xylenes, Total	ND	mg/kg		0.050	20	MA-VPH	04/06/06 15:24 / abb
Naphthalene	ND	mg/kg		0.10	9	MA-VPH	04/06/06 15:24 / abb
C9 to C10 Aromatics	ND	mg/kg		2.0	8	MA-VPH	04/06/06 15:24 / abb
C5 to C8 Aliphatics	ND	mg/kg		2.0	10	MA-VPH	04/06/06 15:24 / abb
C9 to C12 Aliphatics	ND	mg/kg		2.0	70	MA-VPH	04/06/06 15:24 / abb
Total Purgeable Hydrocarbons	ND	mg/kg		2.0		MA-VPH	04/06/06 15:24 / abb
Surr: VPH Aromatics Surrogate	56.0	%REC	S		70-130	MA-VPH	04/06/06 15:24 / abb
Surr: VPH Aliphatics Surrogate	52.0	%REC	S		70-130	MA-VPH	04/06/06 15:24 / abb

- Note 1: The C5 to C8 Aliphatics value is corrected for aromatic constituents Benzene, Toluene, Ethylbenzene, and m+p-Xylenes.
- Note 2: The C9 to C12 Aliphatics value is corrected for aromatic constituents o-Xylene and C9 to C10 Aromatics.
- S=Surrogate recovery outside QC advisory limits due to the high moisture content of the sample. The percent moisture was 62.6.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-003
Client Sample ID: B3-S-1-D

Report Date: 04/10/06
Collection Date: 03/29/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PETROLEUM HYDROCARBONS-VOLATILE							
Methyl tert-butyl ether (MTBE)	ND	mg/kg		0.10	0.1	MA-VPH	04/06/06 16:03 / abb
Benzene	ND	mg/kg		0.050	0.05	MA-VPH	04/06/06 16:03 / abb
Toluene	ND	mg/kg		0.050	10	MA-VPH	04/06/06 16:03 / abb
Ethylbenzene	ND	mg/kg		0.050	10	MA-VPH	04/06/06 16:03 / abb
m+p-Xylenes	ND	mg/kg		0.050		MA-VPH	04/06/06 16:03 / abb
o-Xylene	ND	mg/kg		0.050		MA-VPH	04/06/06 16:03 / abb
Xylenes, Total	ND	mg/kg		0.050	20	MA-VPH	04/06/06 16:03 / abb
Naphthalene	ND	mg/kg		0.10	9	MA-VPH	04/06/06 16:03 / abb
C9 to C10 Aromatics	ND	mg/kg		2.0	8	MA-VPH	04/06/06 16:03 / abb
C5 to C8 Aliphatics	ND	mg/kg		2.0	10	MA-VPH	04/06/06 16:03 / abb
C9 to C12 Aliphatics	ND	mg/kg		2.0	70	MA-VPH	04/06/06 16:03 / abb
Total Purgeable Hydrocarbons	ND	mg/kg		2.0		MA-VPH	04/06/06 16:03 / abb
Surr: VPH Aromatics Surrogate	46.0	%REC	S		70-130	MA-VPH	04/06/06 16:03 / abb
Surr: VPH Aliphatics Surrogate	43.0	%REC	S		70-130	MA-VPH	04/06/06 16:03 / abb

- Note 1: The C5 to C8 Aliphatics value is corrected for aromatic constituents Benzene, Toluene, Ethylbenzene, and m+p-Xylenes.
- Note 2: The C9 to C12 Aliphatics value is corrected for aromatic constituents o-Xylene and C9 to C10 Aromatics.
- S=Surrogate recovery outside QC advisory limits due to the high moisture content of the sample. The percent moisture was 72.9.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409
Lab ID: H06030235-004
Client Sample ID: B4-S-1-D

Report Date: 04/10/06
Collection Date: 03/30/06 17:00
Date Received: 03/31/06
Matrix: Sediment

Analyses	Result	Units	Qual	RL	MCL/ QCL	Method	Analysis Date / By
PETROLEUM HYDROCARBONS-VOLATILE							
Methyl tert-butyl ether (MTBE)	ND	mg/kg		0.10	0.1	MA-VPH	04/06/06 16:42 / abb
Benzene	ND	mg/kg		0.050	0.05	MA-VPH	04/06/06 16:42 / abb
Toluene	ND	mg/kg		0.050	10	MA-VPH	04/06/06 16:42 / abb
Ethylbenzene	ND	mg/kg		0.050	10	MA-VPH	04/06/06 16:42 / abb
m+p-Xylenes	ND	mg/kg		0.050		MA-VPH	04/06/06 16:42 / abb
o-Xylene	ND	mg/kg		0.050		MA-VPH	04/06/06 16:42 / abb
Xylenes, Total	ND	mg/kg		0.050	20	MA-VPH	04/06/06 16:42 / abb
Naphthalene	ND	mg/kg		0.10	9	MA-VPH	04/06/06 16:42 / abb
C9 to C10 Aromatics	ND	mg/kg		2.0	8	MA-VPH	04/06/06 16:42 / abb
C5 to C8 Aliphatics	ND	mg/kg		2.0	10	MA-VPH	04/06/06 16:42 / abb
C9 to C12 Aliphatics	ND	mg/kg		2.0	70	MA-VPH	04/06/06 16:42 / abb
Total Purgeable Hydrocarbons	ND	mg/kg		2.0		MA-VPH	04/06/06 16:42 / abb
Surr: VPH Aromatics Surrogate	41.0	%REC	S		70-130	MA-VPH	04/06/06 16:42 / abb
Surr: VPH Aliphatics Surrogate	37.0	%REC	S		70-130	MA-VPH	04/06/06 16:42 / abb

- Note 1: The C5 to C8 Aliphatics value is corrected for aromatic constituents Benzene, Toluene, Ethylbenzene, and m+p-Xylenes.
- Note 2: The C9 to C12 Aliphatics value is corrected for aromatic constituents o-Xylene and C9 to C10 Aromatics.
- S=Surrogate recovery outside QC advisory limits due to the high moisture content of the sample. The percent moisture was 59.9.

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
S - Spike recovery outside of advisory limits.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/10/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: MA-VPH									Batch: 1802
Sample ID: LCS-1802	Laboratory Control Spike				Run: VARIAN1_060323A				03/23/06 10:57
Methyl tert-butyl ether (MTBE)	1.42	mg/kg	0.10	71.2	70	130			
Benzene	1.69	mg/kg	0.050	84.6	70	130			
Toluene	1.90	mg/kg	0.050	95.2	70	130			
Ethylbenzene	1.96	mg/kg	0.050	98.1	70	130			
m+p-Xylenes	4.35	mg/kg	0.050	109	70	130			
o-Xylene	2.00	mg/kg	0.050	99.8	70	130			
Naphthalene	2.26	mg/kg	0.10	113	70	130			
Surr: VPH Aromatics Surrogate			0.050	107	70	130			
Surr: VPH Aliphatics Surrogate			0.050	96.9	70	130			
Sample ID: MB-1802	Method Blank				Run: VARIAN1_060323A				03/23/06 12:19
Methyl tert-butyl ether (MTBE)	ND	mg/kg	0.10						
Benzene	ND	mg/kg	0.050						
Toluene	ND	mg/kg	0.050						
Ethylbenzene	ND	mg/kg	0.050						
m+p-Xylenes	ND	mg/kg	0.050						
o-Xylene	ND	mg/kg	0.050						
Naphthalene	ND	mg/kg	0.10						
C9 to C10 Aromatics	ND	mg/kg	2.0						
C5 to C8 Aliphatics	ND	mg/kg	2.0						
C9 to C12 Aliphatics	ND	mg/kg	2.0						
Total Purgeable Hydrocarbons	ND	mg/kg	2.0						
Xylenes, Total	ND	mg/kg	0.050						
Surr: VPH Aromatics Surrogate			0.050	101	70	130			
Surr: VPH Aliphatics Surrogate			0.050	86.5	70	130			
Sample ID: H06030150-003AMS	Sample Matrix Spike				Run: VARIAN1_060323A				03/27/06 01:45
Methyl tert-butyl ether (MTBE)	1.54	mg/kg	0.10	76.8	70	130			
Benzene	1.71	mg/kg	0.050	85.6	70	130			
Toluene	1.95	mg/kg	0.050	97.6	70	130			
Ethylbenzene	2.04	mg/kg	0.050	102	70	130			
m+p-Xylenes	4.44	mg/kg	0.050	111	70	130			
o-Xylene	2.05	mg/kg	0.050	102	70	130			
Naphthalene	2.12	mg/kg	0.10	106	70	130			
Surr: VPH Aromatics Surrogate			0.050	116	70	130			
Surr: VPH Aliphatics Surrogate			0.050	108	70	130			
Sample ID: H06030150-003AMSD	Sample Matrix Spike Duplicate				Run: VARIAN1_060323A				03/27/06 02:25
Methyl tert-butyl ether (MTBE)	1.37	mg/kg	0.10	68.6	70	130	11	20	
Benzene	1.51	mg/kg	0.050	75.4	70	130	13	20	
Toluene	1.74	mg/kg	0.050	86.9	70	130	12	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: Stimson Lumber Co
Project: Stimson Cooling Pond B12409

Report Date: 04/10/06
Work Order: H06030235

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: MA-VPH									Batch: 1802
Sample ID: H06030150-003AMSD	Sample Matrix Spike Duplicate				Run: VARIAN1_060323A			03/27/06 02:25	
Ethylbenzene	1.83	mg/kg	0.050	91.3	70	130	11	20	
m+p-Xylenes	4.03	mg/kg	0.050	101	70	130	9.8	20	
o-Xylene	1.85	mg/kg	0.050	92.6	70	130	10	20	
Naphthalene	2.04	mg/kg	0.10	102	70	130	3.8	20	
Surr: VPH Aromatics Surrogate			0.050	104	70	130	0	20	
Surr: VPH Aliphatics Surrogate			0.050	95.2	70	130	0	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

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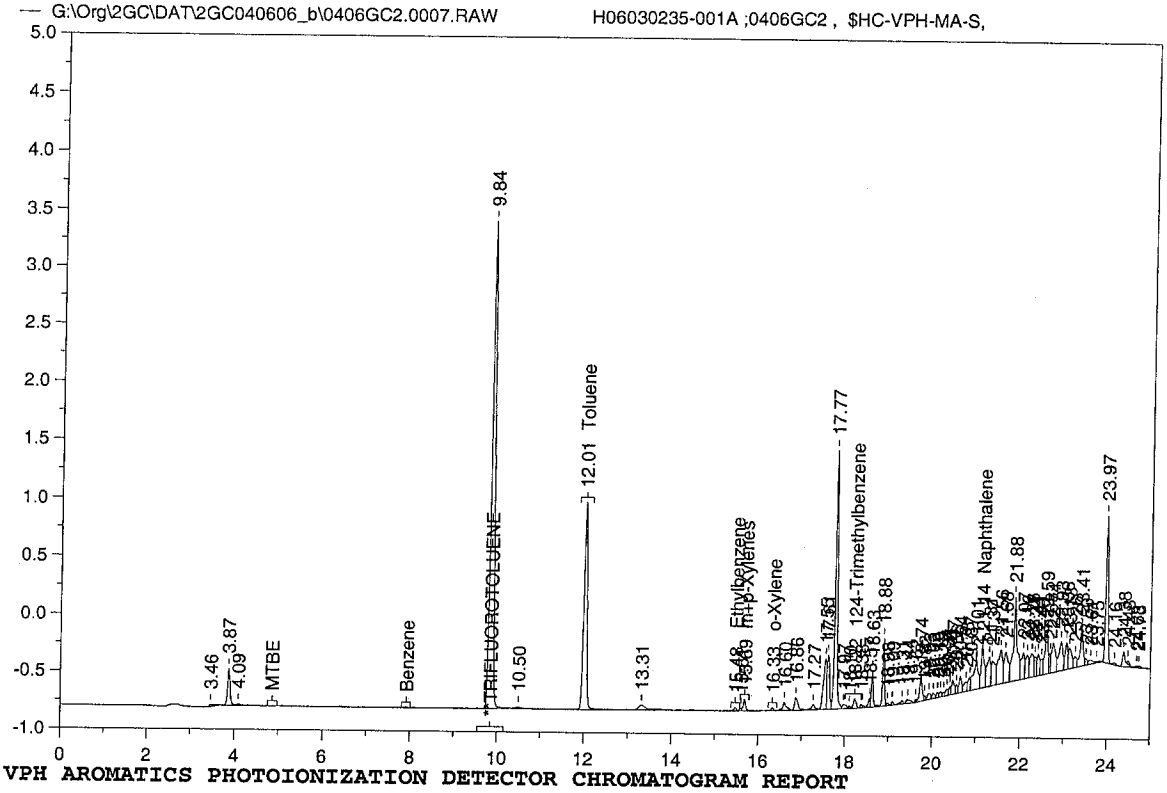
B1-S-2-D



VPH AROMATICS PHOTOIONIZATION DETECTOR CHROMATOGRAM REPORT

Sample Name: H06030235-001A ;0406GC2 , $HC-VPH-MA-S,
Raw File: G:\Org\2GC\DAT\2GC040606_b\0406GC2.0007.RAW
Date & Time Acquired: 4/6/2006 2:45:53 PM
Method File: G:\Org\2GC\Methods\04060607.met
Calibration File: G:\Org\2GC\Cals\Vhn0306.cal
Sample Weight: 50 Dilution: 1 S.A.: 1

Mean RF for C9 to C10 Aromatic Hydrocarbons: 513.5553
Rt range for C9 to C10 Aromatics: 16.426 to 20.954
Aromatic Hydrocarbon Range Area and Quantitation:
C9-C10 Aromatics Area:22372.86 C9-C10 Aromatics Amount: 0.8712931

TARGET ANALYTES	RT	CAL RRT	RRT	AREA	AMOUNT	FLAG
MTBE	.	.	.		.1	U
Benzene	.	.	.		.05	U
Toluene	12.01	-2.165	-2.167	9149	.411	
Ethylbenzene	15.477	15.477	15.477	115	.05	U
m+p-Xylenes	15.688	15.688	15.688	402	.05	U
o-Xylene	16.327	16.327	16.327	96	.05	U
124-Trimethylbenzene	18.224	18.224	18.224	376	.2	U
Naphthalene	21.138	-11.303	-11.296	1878	.078	J

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	QC LIMITS
**TRIFLUOROTOLUENE	9.842	5.	3.366	67.32	70-130

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B1-S-2-D

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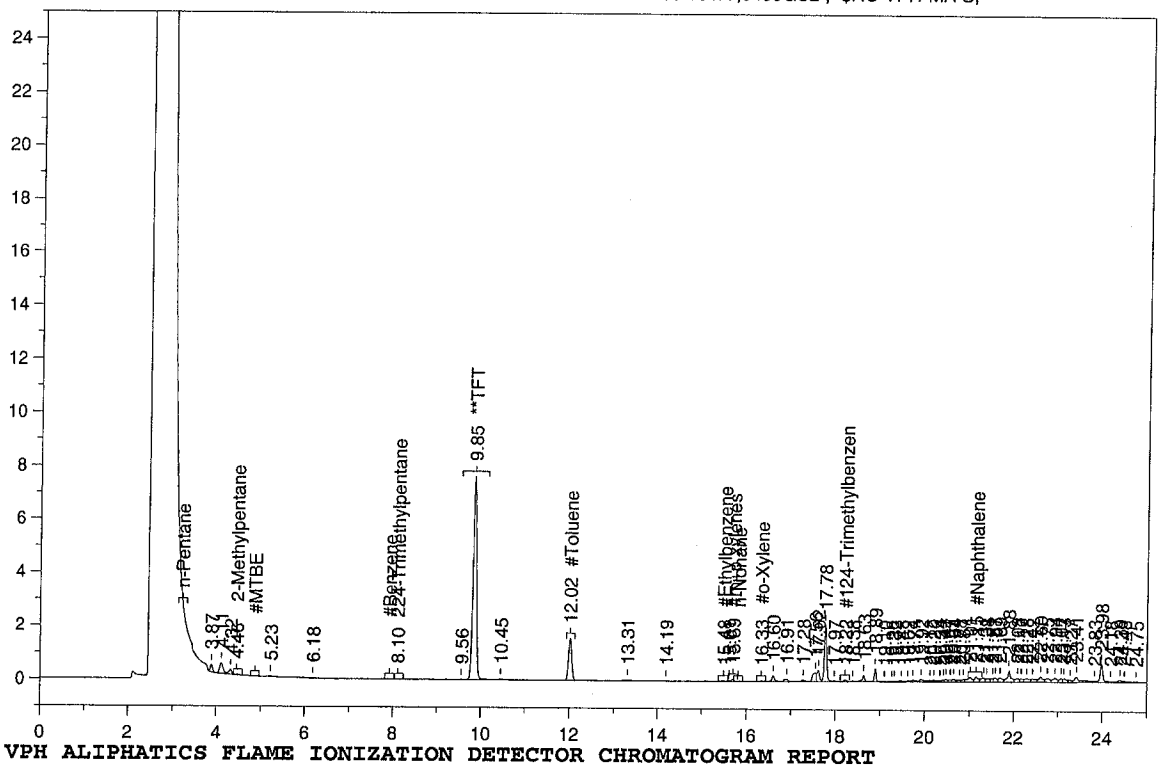

VPH ALIPHATICS FLAME IONIZATION DETECTOR CHROMATOGRAM REPORT

Sample Name: H06030235-001A ;0406GC2 , $HC-VPH-MA-S,
Raw File: G:\Org\2GC\DAT\2GC040606_b\0406GC2B.0007.RAW
Date & Time Acquired: 4/6/2006 2:45:53 PM
Method File: G:\Org\2GC\Methods\lavar19B.MET
Calibration File: G:\Org\2GC\Cals\Vhn0306b.cal
Sample Weight: 50 Dilution: 1 S.A.: 1

Mean RF for C5 to C8 Aliphatic Hydrocarbons: 268.6013
Mean RF for C9 to C12 Aliphatic Hydrocarbons: 219.0388
Mean RF for all calibrated compounds: 336.5432
Rt range for Gasoline Range Organics: 4.386 to 18.316
Rt range for C5 to C8 Aliphatic Hydrocarbons: 3.122 to 15.712
Rt range for C9 to C12 Aliphatic Hydrocarbons: 15.762 to 20.975

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**TFT	9.848	5.	3.209	64.19 -

GRO Area:25532.85 GRO Amount: 1.51736
TPH Area:62407.74 TPH Amount: 3.708751

Aliphatic Hydrocarbon Areas and Quantitations uncorrected for Aromatics:
C5-C8 Area:15154.51 C5-C8 Amount: 1.128402
C9-C12 Area:22586.79 C9-C12 Amount: 2.062356

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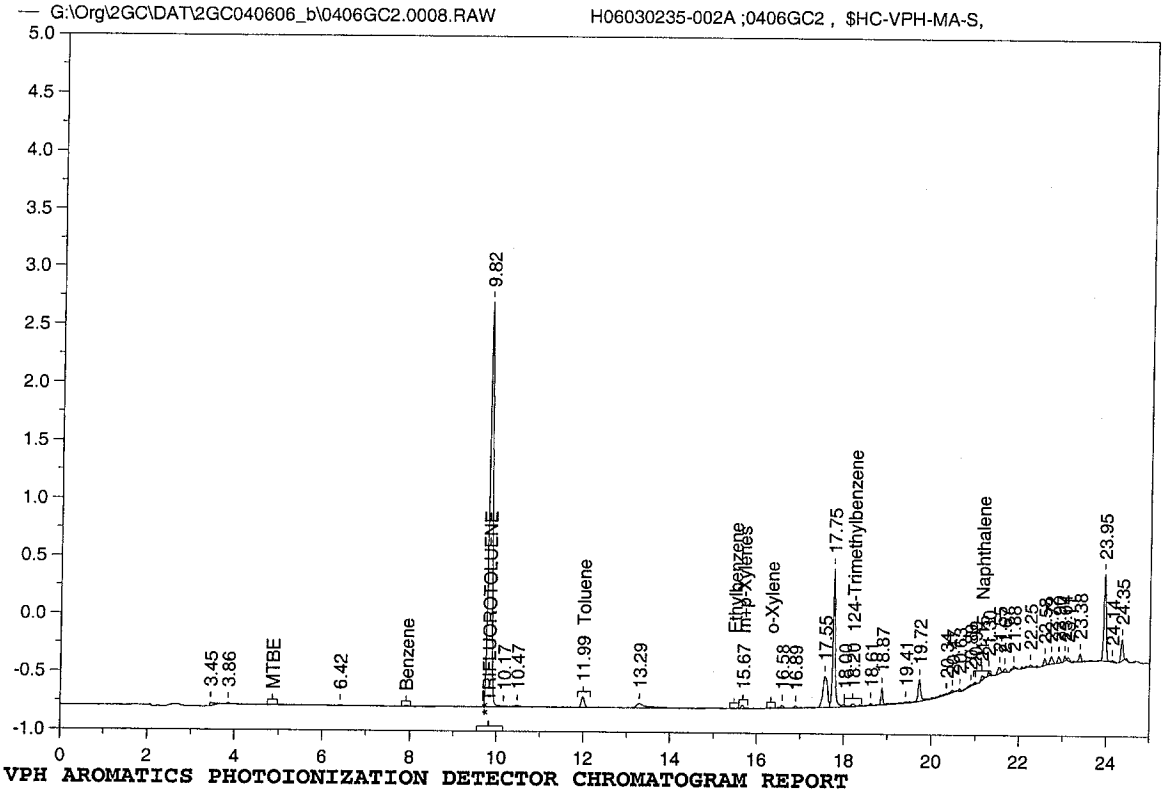
B2-S-2-D



VPH AROMATICS PHOTOIONIZATION DETECTOR CHROMATOGRAM REPORT

Sample Name: H06030235-002A ;0406GC2 , $HC-VPH-MA-S,
Raw File: G:\Org\2GC\DAT\2GC040606_b\0406GC2.0008.RAW
Date & Time Acquired: 4/6/2006 3:24:48 PM
Method File: G:\Org\2GC\Methods\lavar19.met
Calibration File: G:\Org\2GC\Cals\Vhn0306.cal
Sample Weight: 50 Dilution: 1 S.A.: 1

Mean RF for C9 to C10 Aromatic Hydrocarbons: 513.5553
Rt range for C9 to C10 Aromatics: 16.426 to 20.954
Aromatic Hydrocarbon Range Area and Quantitation:
C9-C10 Aromatics Area:8901.81 C9-C10 Aromatics Amount: 0.3466738

TARGET ANALYTES	RT	CAL RRT	RRT	AREA	AMOUNT	FLAG
MTBE	.	.	.		.1	U
Benzene	.	.	.		.05	U
Toluene	11.99	11.99	11.99	484	.05	U
Ethylbenzene	.	.	.		.05	U
m+p-Xylenes	15.67	15.67	15.67	153	.05	U
o-Xylene	.	.	.		.05	U
124-Trimethylbenzene	18.202	18.202	18.202	112	.2	U
Naphthalene	21.151	21.151	21.151	143	.1	U

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	QC LIMITS
**TRIFLUOROTOLUENE	9.822	5.	2.812	56.24	70-130

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B2-S-2-D

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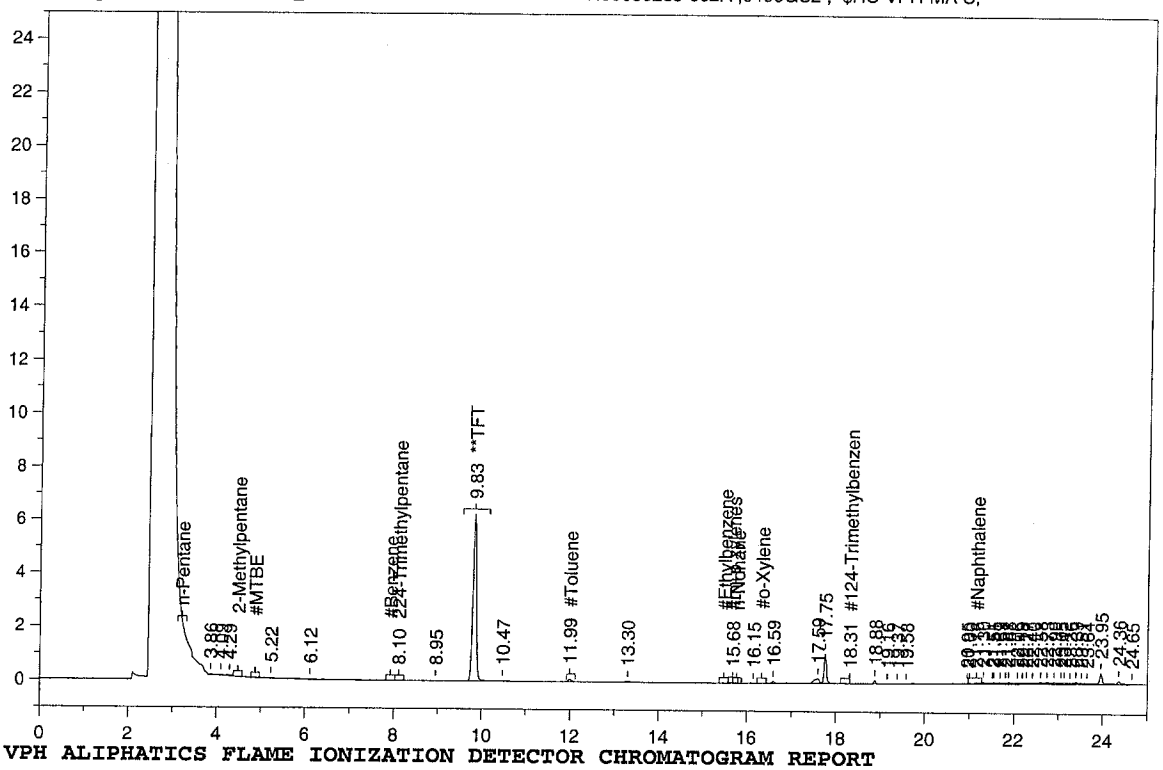

VPH ALIPHATICS FLAME IONIZATION DETECTOR CHROMATOGRAM REPORT

Sample Name: H06030235-002A ;0406GC2 , $HC-VPH-MA-S,
Raw File: G:\Org\2GC\DAT\2GC040606_b\0406GC2B.0008.RAW
Date & Time Acquired: 4/6/2006 3:24:48 PM
Method File: G:\Org\2GC\Methods\lavar19B.MET
Calibration File: G:\Org\2GC\Cals\Vhn0306b.cal
Sample Weight: 50 Dilution: 1 S.A.: 1

Mean RF for C5 to C8 Aliphatic Hydrocarbons: 268.6013
Mean RF for C9 to C12 Aliphatic Hydrocarbons: 219.0388
Mean RF for all calibrated compounds: 336.5432
Rt range for Gasoline Range Organics: 4.386 to 18.316
Rt range for C5 to C8 Aliphatic Hydrocarbons: 3.122 to 15.712
Rt range for C9 to C12 Aliphatic Hydrocarbons: 15.762 to 20.975

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**TFT	9.827	5.	2.615	52.3

GRO Area:8488.973 GRO Amount: 0.5044805
TPH Area:18639.1 TPH Amount: 1.107679

Aliphatic Hydrocarbon Areas and Quantitations uncorrected for Aromatics:
C5-C8 Area:2926.77 C5-C8 Amount: 0.2179267
C9-C12 Area:6903.423 C9-C12 Amount: 0.630338

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B3-S-1-D

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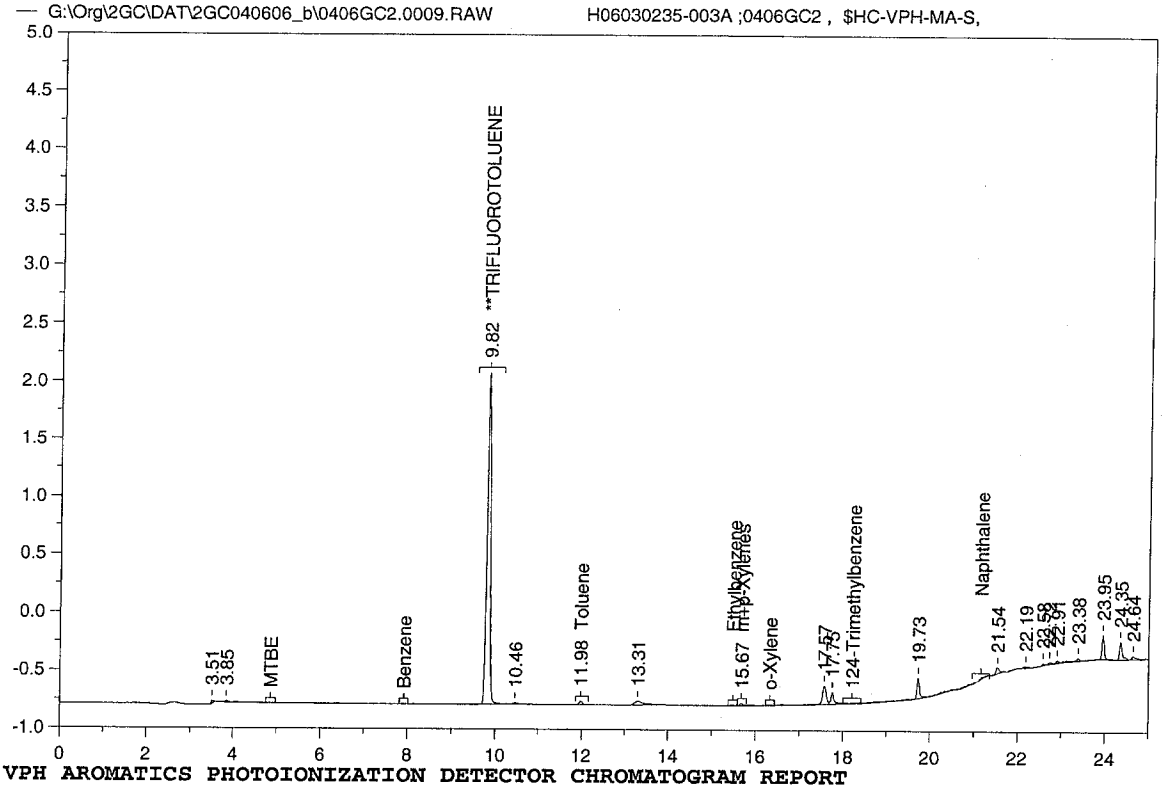

VPH AROMATICS PHOTOIONIZATION DETECTOR CHROMATOGRAM REPORT

Sample Name: H06030235-003A ;0406GC2 , $HC-VPH-MA-S,
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Date & Time Acquired: 4/6/2006 4:03:40 PM
Method File: G:\Org\2GC\Methods\lavar19.met
Calibration File: G:\Org\2GC\Cals\Vhn0306.cal
Sample Weight: 50 Dilution: 1 S.A.: 1

Mean RF for C9 to C10 Aromatic Hydrocarbons: 513.5553
Rt range for C9 to C10 Aromatics: 16.426 to 20.954
Aromatic Hydrocarbon Range Area and Quantitation:
C9-C10 Aromatics Area:2869.702 C9-C10 Aromatics Amount: 0.1117582

TARGET ANALYTES	RT	CAL RRT	RRT	AREA	AMOUNT	FLAG
MTBE	.	.	.		.1	U
Benzene	.	.	.		.05	U
Toluene	11.977	11.977	11.977	174	.05	U
Ethylbenzene	.	.	.		.05	U
m+p-Xylenes	15.666	15.666	15.666	93	.05	U
o-Xylene	.	.	.		.05	U
124-Trimethylbenzene	.	.	.		.2	U
Naphthalene	.	.	.		.1	U

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	QC LIMITS
**TRIFLUOROTOLUENE	9.815	5.	2.316	46.31	70-130

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B3-S-1-D

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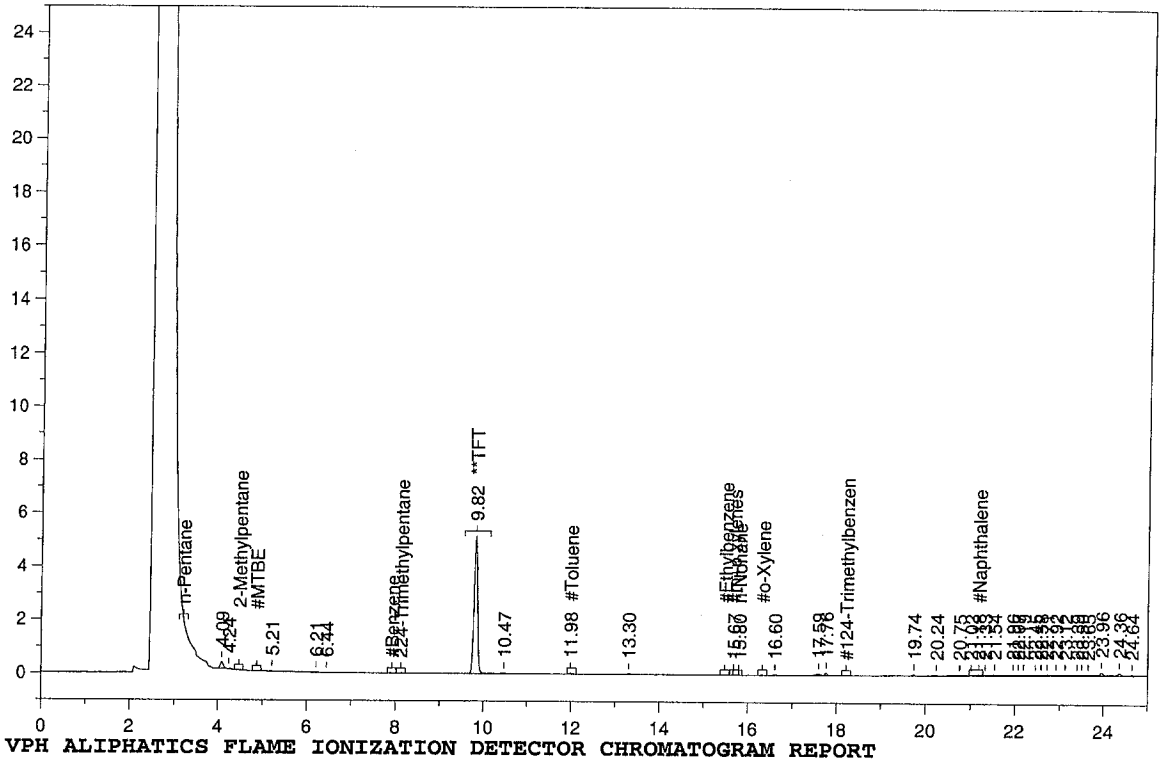

VPH ALIPHATICS FLAME IONIZATION DETECTOR CHROMATOGRAM REPORT

Sample Name: H06030235-003A ;0406GC2 , $HC-VPH-MA-S,
Raw File: G:\Org\2GC\DAT\2GC040606_b\0406GC2B.0009.RAW
Date & Time Acquired: 4/6/2006 4:03:40 PM
Method File: G:\Org\2GC\Methods\lavar19B.MET
Calibration File: G:\Org\2GC\Cals\Vhn0306b.cal
Sample Weight: 50 Dilution: 1 S.A.: 1

Mean RF for C5 to C8 Aliphatic Hydrocarbons: 268.6013
Mean RF for C9 to C12 Aliphatic Hydrocarbons: 219.0388
Mean RF for all calibrated compounds: 336.5432
Rt range for Gasoline Range Organics: 4.386 to 18.316
Rt range for C5 to C8 Aliphatic Hydrocarbons: 3.122 to 15.712
Rt range for C9 to C12 Aliphatic Hydrocarbons: 15.762 to 20.975

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**TFT	9.821	5.	2.159	43.19 -

GRO Area:3254.832 GRO Amount: 0.1934273
TPH Area:10653.37 TPH Amount: 0.6331057

Aliphatic Hydrocarbon Areas and Quantitations uncorrected for Aromatics:
C5-C8 Area:3241.252 C5-C8 Amount: 0.241343
C9-C12 Area:1991.938 C9-C12 Amount: 0.1818799

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B4-S-1-D

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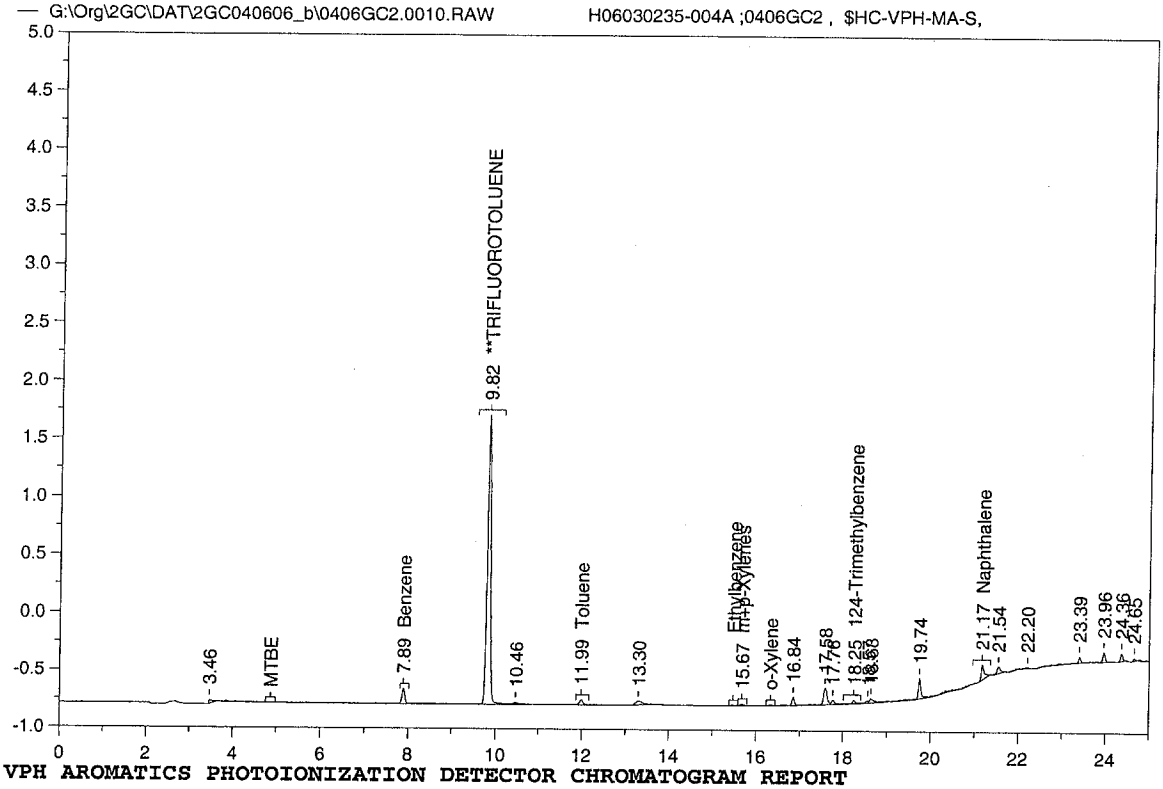

VPH AROMATICS PHOTOIONIZATION DETECTOR CHROMATOGRAM REPORT

Sample Name: H06030235-004A ;0406GC2 , $HC-VPH-MA-S,
Raw File: G:\Org\2GC\DAT\2GC040606_b\0406GC2.0010.RAW
Date & Time Acquired: 4/6/2006 4:42:41 PM
Method File: G:\Org\2GC\Methods\lavar19.met
Calibration File: G:\Org\2GC\Cals\Vhn0306.cal
Sample Weight: 50 Dilution: 1 S.A.: 1

Mean RF for C9 to C10 Aromatic Hydrocarbons: 513.5553
Rt range for C9 to C10 Aromatics: 16.426 to 20.954
Aromatic Hydrocarbon Range Area and Quantitation:
C9-C10 Aromatics Area:3118.377 C9-C10 Aromatics Amount: 0.1214427

TARGET ANALYTES	RT	CAL RRT	RRT	AREA	AMOUNT	FLAG
MTBE	.	.	.		.1	U
Benzene	7.891	7.891	7.891	633	.05	U
Toluene	11.987	11.987	11.987	233	.05	U
Ethylbenzene	.	.	.		.05	U
m+p-Xylenes	15.669	15.669	15.669	62	.05	U
o-Xylene	.	.	.		.05	U
124-Trimethylbenzene	18.246	18.246	18.246	120	.2	U
Naphthalene	21.17	21.17	21.17	626	.1	U

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	QC LIMITS
**TRIFLUOROTOLUENE	9.821	5.	2.048	40.95	70-130

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B4-S-1-D

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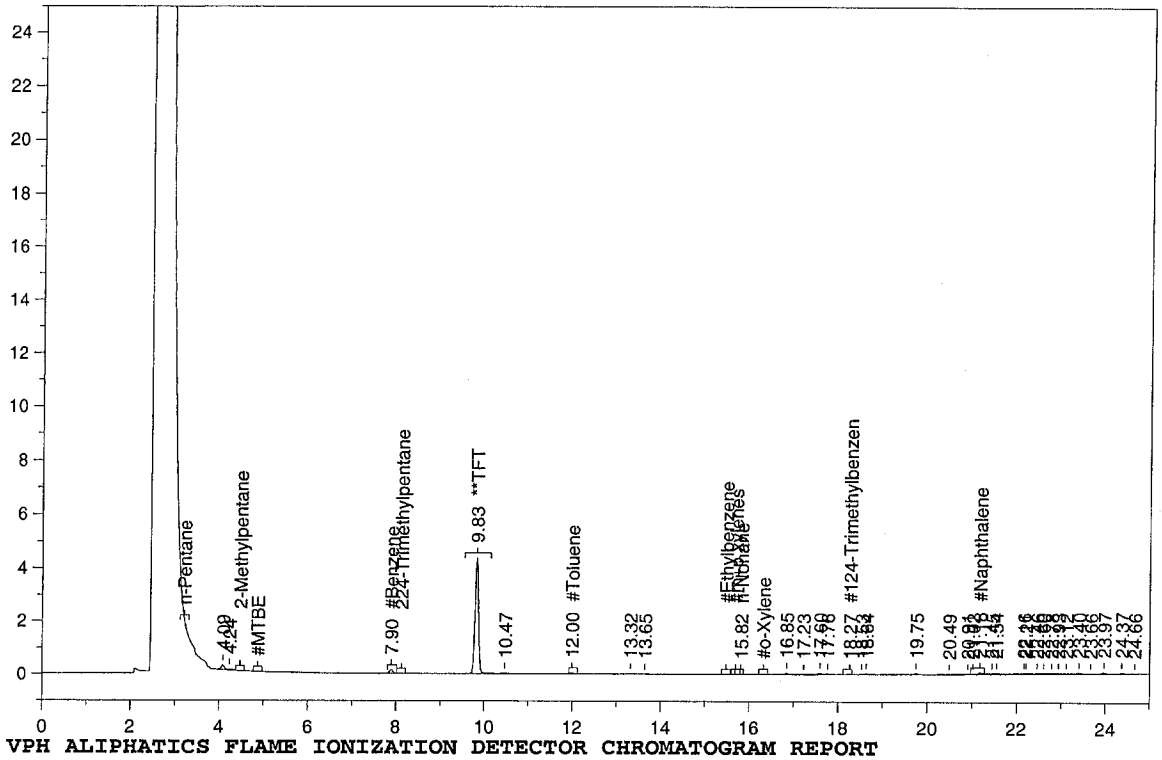

VPH ALIPHATICS FLAME IONIZATION DETECTOR CHROMATOGRAM REPORT

Sample Name: H06030235-004A ;0406GC2 , $HC-VPH-MA-S,
Raw File: G:\Org\2GC\DAT\2GC040606_b\0406GC2B.0010.RAW
Date & Time Acquired: 4/6/2006 4:42:41 PM
Method File: G:\Org\2GC\Methods\lavar19B.MET
Calibration File: G:\Org\2GC\Cals\Vhn0306b.cal
Sample Weight: 50 Dilution: 1 S.A.: 1

Mean RF for C5 to C8 Aliphatic Hydrocarbons: 268.6013
Mean RF for C9 to C12 Aliphatic Hydrocarbons: 219.0388
Mean RF for all calibrated compounds: 336.5432
Rt range for Gasoline Range Organics: 4.386 to 18.316
Rt range for C5 to C8 Aliphatic Hydrocarbons: 3.122 to 15.712
Rt range for C9 to C12 Aliphatic Hydrocarbons: 15.762 to 20.975

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**TFT	9.826	5.	1.835	36.71 -

GRO Area:3550.563 GRO Amount: 0.2110019
TPH Area:10286.51 TPH Amount: 0.6113039

Aliphatic Hydrocarbon Areas and Quantitations uncorrected for Aromatics:
C5-C8 Area:3541.613 C5-C8 Amount: 0.2637078
C9-C12 Area:2313.189 C9-C12 Amount: 0.2112127

APPENDIX E

FIELD NOTES

PAGE 1

3/28/06 A1534 FRITZ PURHAM — PREVIOUS MILEAGE = 124 - SET TO ZERO

0730 - LEAVE MISSOULA FOR SITE

0755 - ON SITE / DRUMS ON SITE.

OTTO'S CRANE ON SITE / ALLAN FROM POND. SALISBURY + ASS.

0800 - OTTO'S CRANE TO POND. KEITH BERGER

0815 - BARGE IN POND RON PATTERSON

0900 - CRANE OFF SITE BEN ELLIOTSON

0910 - MEET W/ KEITH LARGE (DEQ) OTTO'S (CRANE)
CHEPOT
JOHN ~~CHEPOT~~ (STIMPSON) MISSOULA
TYLER
~~JERRY SKILLINGS~~ LAND + WATER (STIMPSON)
& ALAN STINE OPTIMUS

W 0915 - SITE PHOTOGRAPHS OF CRANE MOVING BARGE.

LARGE/STINE/CHEPOT/SKILLINGS OFF SITE 0955.

PID CALIBRATION MINIRAE PLUS CLASSIC ~ 1000

ZERO (CARBON) AT 0.1 ppm

CALIBRATE TO 100 ppm ISOBUTYLENE

PID AT ~ 101 ppm

PID CHECK 100 ppm - PID READS 104 ppm

ACCEPTABLE PID CALIBRATION AND CHECK.

SOIL DUPLICATES — EX. B1-S-1 = 1' TOP OF BORING #1

1 per 20

B1-S2-....

RINSATE -

1 per 20 sai

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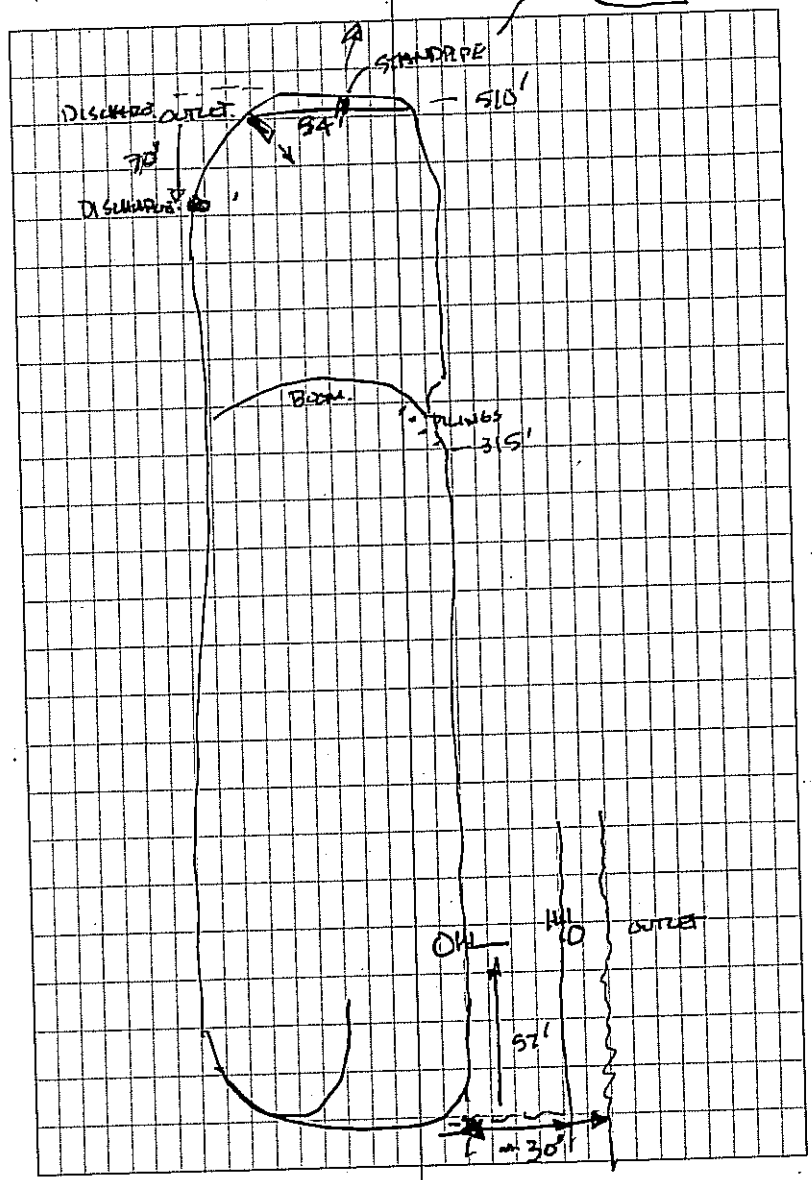

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3/28/06 WEATHER ~40°F, CLOUDY, 10-15 mph WIND.

1050 - STINE/LARGE/~~SKELLINGS~~/CHOPOT BALLOWLITE.

1110 - ON PARCEL.

1145 - ADVANCE B1-S W/ 2' PISTON SHELBY TUBE.

1155 - SAMPLE B1-S-1 COLLECTED 1155 9-11'

NO CHEMICAL ODOR

DARK BROWN, WET, V. SOFT, MOD. PLASTIC, ORGANIC

18" RECOVERY / 2' x 2" SHELBY TUBE.

PID = NO REACTION

9' WATER

SAMPLE COLLECTED 9'-11' BGS.

BASE OF SAMPLE AT ~11 = 50% ORGANICS/WOOD CHIPS

~9-10' = MORE SEDIMENT/MODERATELY PLASTIC

NO SANDS/GRAVELS.

ADVANCED CASING TO 11' BGS. W/ WATER PRESSURE (PUMPS)

SAMPLE B1-S-2 COLLECTED 1230.

DARK BROWN, MOIST, V. SOFT, NON TO SLIGHTLY PLASTIC

NO CHEMICAL ODOR, 50% + ORGANIC MATTER - WOOD AT

11' TO 11'4", NO SANDS OR GRAVELS.

~22" RECOVERY.

- SPLIT SAMPLES BETWEEN 6 JARS FOR DUPLICATES

W/ STUMPSON.

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~~STUMPSON~~ DECON PROCEDURE - NEW SHELBY TUBE EACH SAMPLE

RINSE/SOAP + WATER/NITRIC/DI RINSE. - TUBE

- P

SAMPLE FROM 11'-13' DISTRIBUTED INTO 6 8-OZ

JARS - USE FOR SPLIT SAMPLE W/ STUMPSON WHEN

COMBINED W/ SAMPLE FROM 13'-15'

TIME ON B1-S-2 = 1230

1230 = TIME FROM 11'-13' SAMPLE

SAMPLE FROM 13'-15' COLLECTED AT 1250

DARK BROWN, SOFT, NON PLASTIC, >50% ORGANICS (WOOD)

V. SOFT, ~~SOME~~ ~5% WOOD CHIPS

~~~20" RECOVERY~~, ~20" RECOVERY.

SAMPLE B1-S-2 GRABS SAMPLE FROM 11'-15' BGS

PLAN FOR B1-S-3 - COLLECT 1 8OZ JAR FROM

EACH 2' INTERVAL TILL ~~BASE~~ REFUSAL OR 28'

HAVE LAB COMPOSITE SAMPLES FOR INTERVAL BETWEEN

TOP & BOTTOM.

~18" RECOVERY.

SAMPLE B1-S-3 COLLECTED 1315 FROM 15'-17' BGS

DARK BROWN, MOIST, SOFT, NON PLASTIC.

~3" SILT/CLAY LAYER AT ~16.5' BGS - NO <25%

ORGANICS, MOD PLASTIC - REST OF SAMPLE >50%

ORGANICS. ~20" RECOVERY
~~~

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B1-S-4 COLLECTED 1335 SAMPLE FROM 17'-19' BGS.

COLLECTED 1 8-02 TAR REPRESENTATIVE OF INTERVAL

DK BROWN, MOIST, SOFT, ~50% ORGANIC -

SOME SANDS (<10%) AND SILT/CLAY = SOME

NON PLASTIC OVER INTERVAL W/ SOME SILT/CLAY

LENSES (<2") THAT ARE PLASTIC.

MUCH MORE SANDS AND FINES - DRILLERS REPORT.

ADVANCEMENT IS HARDER - V. FEW GRAVEL, GRAVEL TO 1/2 INCH

BREAK 1345-1415 - BATHROOM/SUPPLIES

1415 - ADVANCING SAMPLER

B1-S-5 COLLECTED 1430 1' BGS UTILIZED AS ABOVE

RECOVERY = ~4" (1/3 OF AN 8-02 TAR) (DID NOT GO >6" PAST 19')

ATTEMPT SHELBY TUBE W/ OUT PISTON

1240 - ADVANCEMENT W/ NO PISTON UNSUCCESSFUL.

- ATTEMPT SPLIT SPOON SAMPLER.

B1-S-5 (19-21) SPLIT SPOON 2" x 18" SPLIT SPOON.

BLOWS = 10, 6, 4

RECOVERY = 3" WOOD IN NOSE OF SAMPLE.

APPEARS TO HAVE DRIVEN SS INTO AND THROUGH

LOG - PUSHED SEDIMENTS AHEAD.

1500 ATTEMPT TO ADVANCE CASING TO 21' - HAVE

BARREL INSIDE CASING TO PULL UP ANY WOOD

THAT ENTERS CASING DURING ADVANCEMENT.

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1522 B1-S-5 21-23' BLOWS 2, 6, 3 (18" SAMPLER)

B1-S-5 (21'-23') COLLECTED 1525 RECOVERY = 2"

WOOD AND A PALMFULL OF GRAVEL.

ATTEMPT TO ADVANCE CASING TO 23' USING INNER/OUTER

CORE TECHNIQUE. - SMALL PIECE OF WOOD RECOVERY.

ATTEMPT SAMPLE 23'-25' W/ 2" x 24" SPLIT SPOON.

BLOWS = 6, 19, 22, 32 R = 2" WOOD AND PALMFULL OF

GRAVEL (<1/2")

DECIDE 25' = REFUSAL/BREAK DOWN

ETREX GPS 1600

ACCURACY = 19 FT.

LOCATION - 12T 0281640

POINT - 006 UTM 5195391

ELEV = 3286

ACCURACY = 18'

001 = 3281' 12T 0281639, UTM 5195390

TYLER - +

STINE OFFSITE ~1500

KEITH LARGE/CHOPOT OFF SITE 1705

DRILLERS HAVE ~15 MINUTES LEFT.

CHOPOT SAYS HE WILL CHECK OUT GREW W/ GAGE.

FED OFF SITE 1745

PAGE 7

3/29/06 - A1534

0750 - ON SITE AFTER CHECKIN

- SALISBURY ON SITE (10 MINUTES PRIOR ACC/TO GUARD)

0800 - KEITH LARGE ON SITE.

0835 - START B-2

- DEPTH TO SLUDGE = 7.5'

B2-S-1 COLLECTED 850 3 JARS

DK BROWN, WET

~ 0815 TYLER & JOHN (STIMPSON) ON SITE.

DK BROWN, WET, >50 ORGANIC, N. PLASTIC, SOFT.

COLLECTED 7.5'-9.5' BGS. RECOVERY = 22"

B2-S-2 9.5-11.5 COLLECTED 0910

AS ABOVE TEXTURE > 50 % ORGANIC

RECOVERY = 24"

6 1/2 JARS WILL SPLIT 9.5-11.5 AND 11.5-13.5

W/ STIMPSON

COC WILL READ 0910, 0910

B2-S-2 11.5-13.5' COLLECTED 0940

6 1/2 JARS DK BROWN/MOIST/SOFT 4" SILT/CLAY/ORGANIC

MOD. PLASTIC LAYER AT ~13' - REST > 50%

ORGANICS (WOOD CHIPS). 24" RECOVERY

A1534 3/29/06 PAGE 8. RECOVERY

B2-S-3 COLLECTED 0955 13.5'-15.5' 20"

DARK BROWN, WET, SOFT, N. PLASTIC > 50% ORGANICS

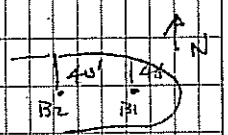
B2-S-4 15.5-17.5' 1010 RECOVERY = 10"

FILLED 3 8-OZ JARS ~ 1/2 FULL -

DK BROWN, WET, > 50% ORGANICS, NON PLASTIC, SOFT

1035-40 - BREAK.

1050 - ATTEMPT SPLIT SPOON AT 17.5'



40' TO BANK

GPS - 002 ELEV = 3277'

12T 0281614

UTM 5195389

ACCURACY = 19'

003 - SAME POINT.

004 - SAME 3269'

12T 0281612

UTM 5195390 ACC = 20'

SAMPLE 10, 4, 7, 6 - RECOVERY = 1 ROCK 3 PIECES

NO RECOVERY / LAGGING

ADVANCE TO 19.5 - ATTEMPT SAMPLE.

CORE DRILL STEM RECOVERS ROCK / DRILLED THROUGH

B2-S-4 ROCK 3 1/2 FULL - GET 1 FULL & 1/2 FULL

2 JARS SHOULD BE PAGE 9

A 71534 3/29/06 PAGE 9

ATTEMPT 2" x 24" SPLIT SPOON AT 19.5 TO 21.5'

BLOWS 6, 8, 7, 6 RECOVERY = 5" BROKEN GRAVEL

REFUSAL AT 21 1/2' –

COMPOSITE SAMPLE B2-S-4 MINUS 1 AND 1/2 TARS

~1130 - OFF BARGE TO MOVE TO BORING 3.

FED OFF SITE FOR BREAK ~1145.

KEITH + TYLER OFF SITE ~1145

BARGE SET AT 1230. DT SLUDGE = 7.5'

SAMPLE 7.5 – 9.5' AT 1255 – 24" RECOVERY.

SAMPLES COLLECTED INTO 6 8-OZ TARS FOR

SPLIT W/ STRIPSON, W/ 9.5–11.5'

COC WILL SAY 1255.

9.5–11.5' RECOVERY = 22"

SAMPLE DARK BROWN, SOFT, WET, >50 ORGANIC, N PLASTIC

FOR BOTH 7.5–9.5 AND 9.5–11.5

SAMPLE B3-S-2 COLLECTED 1325 FROM 11.5–13.5'

RECOVERY = 20"

~~[illegible]~~ DK BROWN, >50% ORGANIC, N PLASTIC,

WET, SOFT – MORE WOOD CHIPS >1" THAN

PREVIOUS SAMPLES.

1534 3/29/06 PAGE 10

B3-S-3 COLLECTED FROM 13.5–15.5 AT 1345

1 AND 1/2 8-OZ TARS COLLECTED, MOSTLY WOOD (>90%)

RECOVERY = ~13"

RINSATE SAMPLES COLLECTED 1400–1410 W/ TYLER

ASSIST – RINSED A JUST DECONNED SHELBY TUBE.

SAMPLE FROM 15.5–17.5 B3-S-4 1420 COLLECTED

~12" RECOVERY – NO APPARENT SOIL – ALL CHIPS

LABELED B3-S-4. 2 TARS FILL COLLECTED.

SAMPLE FROM 17.5–19.5 1440 ~ 12' RECOVERY

WOOD AND SOIL – WET.

75% 25%

2 8OZ TARS – LABELED B3-S-5

GPS AT BORING 3

ACCURACY = 17'

006 = 3269' ELEVATION

12T 0281574

UTM 5195385

#6 = LIKE ABOVE

#7 = 3270

12T 0281570

UTM 5195385

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19.5-21.5 2, 50 R — 2" x 24" SPLIT SPOON

REFUSAL AT 22' NO RECOVERY

CLEAN UP / SALISBURY TO MOVE BARGE TO LOCATION

REQUESTED BY KEITH - F

- KEITH OFF SITE AT ~~1540~~ 1530

FED OFF SITE 1540 - TO HOTEL

PACK / LABEL / COC / READY SAMPLES FOR SHIPMENT.

1800 - DONE

1945 - 2045 - DRIVE TO GREY HOUND / SHIP SAMPLES.

B4-S-1 3.5' - 5.5' COLLECTED 0845 3/30/06

BLACK, V. SOFT (SOUP FOR 1') NO WOOD CHIPS, FINE GRAINED - (SILT/CLAY) ORGANIC SLIGHT ODOR, WET UNKNOWN RECOVERY - SOUP / EST. 20"

SPLITTING 3.5' - 5.5' AND 5.5' - 7.5' W/ STIMPSON - FILL 6 8 OZ JARS w/ ½ FILL w/ 3.5 - 5.5 - TOP w/ 5.5 - 7.5 SAMPLE TIME ON COC WILL READ 0845.

5.5' - 7.5' COLLECTED 0855 24" RECOVERY

BLACK, VERY SOFT, FINE GRAINED, (SILT/CLAY) FEW WOOD CHIPS / E, ORGANIC APPEARING, WET

3/30/06 A1534 FED PAGE 12

0755 - FED ON SITE / DRILLERS ON SITE

0800 - KEITH LARGE ON SITE.

ON BARGE AT 0830.

3.5' WATER TO SEDIMENT.

FED A1534 PAGE 13

B4-S-2 COLLECTED 0910 3 8-02 JARS.
BLACK, WET, SOFT, ORGANIC, SOME PLASTICITY IN THE FIRMER
~~UPPER~~ LAYERS (2"-3" CLAY LIKE MATERIAL) - SOME
WHITE MOTTLING / WASTE RELATED.
SAMPLE INTERVAL 7.5'-9.5' 24" RECOVERY.

B4-S-3 COLLECTED 0930 9.5'-11.5' RECOVERY = 24"
BLACK, V. SOFT, AREAS OF MOD. PLASTICITY, SILT/CLAY
MIXTURE, NO WOOD CHIPS NO ODOR, WET
3 8-02 JARS, CLAY LAYERS AS ABOVE,

B4-S-4 COLLECTED 0945 11.5'-13.5' RECOVERY = 20"
ORGANIC/BLACK/SOFT/WET SL. PLASTIC FINE GRAINED SEDS TO
~ 12.5', 12.5' TO 13-5' = >50 ORGANICS, WOOD
CHIPS, WET, SOFT, N. PLASTIC 3-8 OZ JARS

B4-S-5 COLLECTED 0955, 13.5-15.5', RECOVERY = ~20"
WOOD CHIPS > 80% WET, SOFT, N. PLASTIC.
3 8 OZ JARS

BREAK 1010-1030 / SUPPLIES / BATHROOM

A1534 3/30/06 PAGE 14

ATTEMPT 15.5-17.5 AT 1030
B4-S-6 COLLECTED 1040 ~ 12" RECOVERY.
WOOD CHIPS/FIBERS, SOFT, WET, 2-8 OZ JARS.

ATTEMPT 17.5-19.5' AT 1050 RECOVERY = 6"
WOOD FIBERS/CHIPS/WET/V. SOFT/ ~~SE~~ SEWAGE/ORGANIC
ODOR 1 8-02 JAR NOT FILLED TO TOP.
COLLECTED AT 1055. B4-S-7

SHELBY/PISTON DUAS NOT ABLE TO ADVANCE FULL
LENGTH - DRILL TO 19.5 - ATTEMPT SPLIT SPOON
19.5-21.5.

B4 LOCATION
POINT 8 3290 ft POINT 8, 9, 10 11
12T 0281536 12
UTM 5195384
~~POINT 9 3295 ft~~
12 = 3291 ft
12T 0281535
UTM 5195382

A1534 3/30/06 PAGE 15

ATTEMPT 19.5 - 21.5' W/ SPLIT SPOON

BLOWS 12, 36, 2, 6 RECOVERY = 5"

SAND: WET, SOFT, VERY FINE-F-GRAINED, P. GRADED, NON PLASTIC

~~BROWN~~, BROWN.

~~SP~~ B4-~~S~~-8 COUNTED 1105 1 8-02 TAR W/ HEADSPACE.

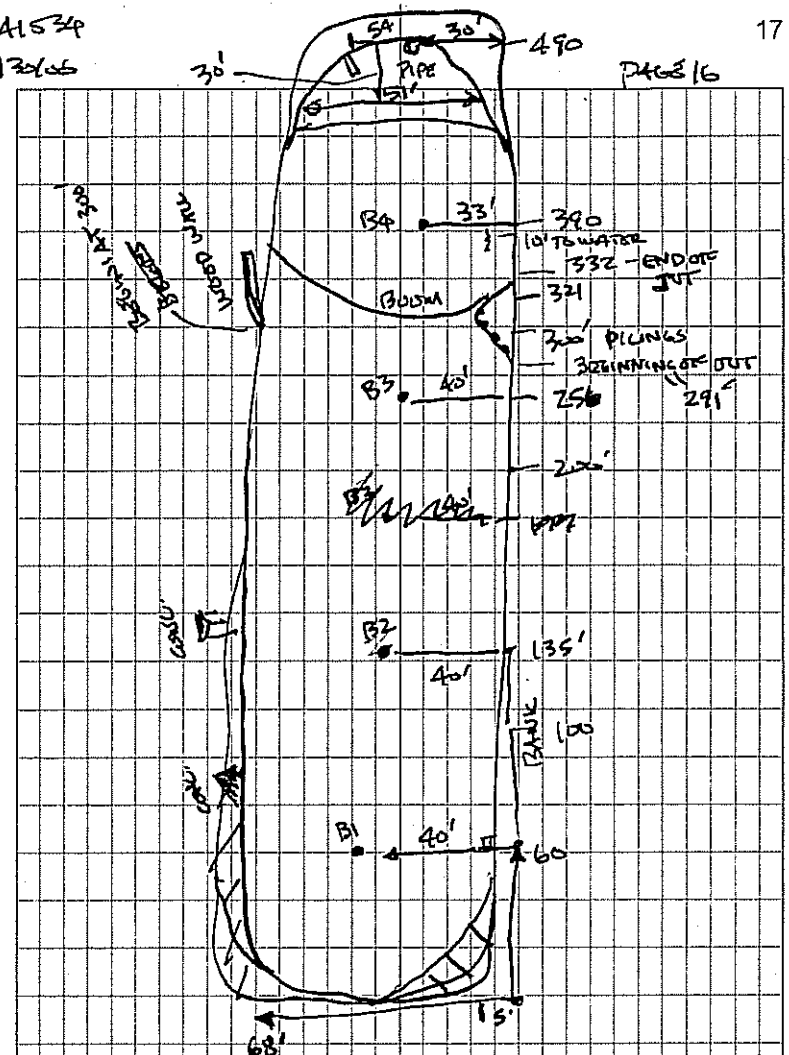
DRILL TO 21.5 - ATTEMPT 21.5 - 23.5 SPLIT SPOON.

AT 23.5 - HAVE OBSTRUCTION IN CASING/ ATTEMPT TO POUND OUT W/ RODS - NOT SUCCESSFUL. DRILLER SAYS APPROXIMATELY 1' OF OBSTRUCTION, LIKELY WOOD.

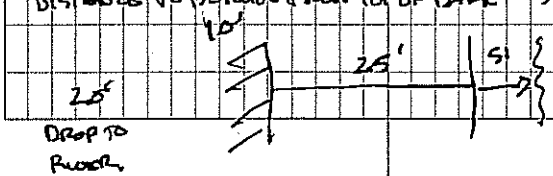
DISCUSS ~~FOR~~ PULLING CASING/ ATTEMPT FURTHER ADVANCEMENT W/ KEITH LARGE/ ~~BEC~~ REVIEW OLD PHOTOGRAPHS, BY MUTUAL DECISION THAT HAVE MET REFUSAL AT B-4 - END OF DRILLING.

1205 - DRILLERS REPORT ROCK (~9") IN ~~BAT~~ CORE.

A1534 3/30/06 PAGE 16



DISTANCE TO BORING FROM TOP OF BANK ~ 5' FROM WATER.



A1534 ~~[illegible]~~ 3/30/06 PAGE 17 ~~[illegible]~~

30' EAST. = CENTER OF CAVE
WATERS EDGE

GPS AT NORTH END OF CAVE =

~~[illegible]~~ ACCURACY = 18'

~~[illegible]~~ ELEV = 3247

12T 0281651

UTM 5195393

POINT 13, ~~[illegible]~~ 14, 15, 16, 17 ACC = 16'

SOUTH END OF CAVE. NT STAND PIPE

18, 19, 20, 21 = 22

ELEV = 3256

12T = 0281499

UTM = 5195373

ACC = 18'

~ 1515 SALISBURY OFF SITE TO GET TRAILER
KEITH L. OFF-SITE TO HOTEL.

1600 - SALISBURY BACK ON SITE / BREAK DOWN BARGE - LOAD ON TRUCK

1615 - RED OFF SITE TO DELIVER SAMPLES TO GREYHOUND,

1700 - OFF AT 1700.

3/31/06

TRAIL MISSOULA → TWIN (BOISE)

PER DIEM = B, L,

MILES = 390 (510)

HOURS = 7 (8)

4/3/06

KEITH - 26T VIPER SATECH VIPER

CASING DIAMETER = 3"

METHOD ~~CORE~~ BIT 2.95"

DIAMOND CORE. NGS (SIZE CORE BIT)

ID = 2 1/8

CORE STRING AS CASING.

APPENDIX F

OLYMPUS QA/QC REPORTS

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client/Project	DEQ/Stimson Cooling Pond	Reviewer	Fritz Durham
Work Order No.	A1534	Laboratory	Northern Analytical

Sample Identification Numbers B1-S-1, B1-S-2/3/4; B2-S-1, B2-S-2, B2-S-3/4; B3-S-1, B3-S-2, B3-S-4/5; B4-S-1, B4-S-2, B4-S-3, B4-S-4, B4-S-5, B4-S-6/7/8; Rinsate Blank

Analyses Extractable Petroleum Hydrocarbons/Extractable Petroleum Hydrocarbons Screen

Sample Date March 28/29/30, 2006 Analytical Method MDEP-EPH-98

Analytical Completeness

15 results received of 15 expected = 100 percent

Comments: 15 or 15 EPH Screen results, and 10 of 10 EPH results

Defensibility

Chain of Custody present and signed Yes Samples shipped cool Yes

Preservative in sample containers Yes Defensibility parameters acceptable Yes

Comments: preservative in rinsate sample only

Holding Time

Samples extracted within proper holding time Yes Samples analyzed within proper time Yes

Comments:

Field QA/QC Samples

Appropriate number of equipment blanks submitted Yes (rinsate blank)

Appropriate number of trip blanks submitted NA

Analytical results above laboratory detection limits Yes

If analytes detected, list concentrations

Method Blanks

Analytical results above laboratory detection limits No

If analytes detected, list concentrations

Surrogate Recoveries

Recoveries within laboratory control limits No

List samples and results outside of laboratory control limits

B2-S-1, B2-S-2 (EPH), surrogate could not be measured due to dilution of sample.

B2-S-1, B2-S-2, B4-S-3 (EPH Screen), surrogate could not be measured due to dilution of sample.

Two surrogates not added to sample B4-S-3.

Matrix Spike and Spike Duplicate Recoveries

Analyte recoveries within laboratory control limits	NA
Samples and results outside of laboratory control limits	
Duplicate RPDs within laboratory control limits	NA
Samples and RPDs outside of laboratory control limits	

Other Laboratory QA/QC Samples

List other laboratory QA/QC samples	Laboratory Control Sample
Analyte recoveries within laboratory control limits	Yes
List samples and results outside of laboratory control limits	
Duplicate RPDs within laboratory control limits	NA
List samples and RPDs outside of laboratory control limits	

Field Duplicates

Field duplicate submitted	Yes
Duplicate RPD calculations	See Page 3
Duplicate RPDs within acceptable limits	No
List results outside of acceptable limits	See Page 3

QA/QC Discussion

Field duplicates RPDs generally outside of limits, but within acceptable ranges
given project analyte concentrations and independent laboratories
See Case Narrative (page 2) for laboratory discussion of surrogate recoveries.
Analyses and QA/QC data appear valid, and sample analytical data will not be rejected.

Signature [signature] Date 5/24/06

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client	Montana Department of Environmental Quality
Project	Stimson Cooling Pond
Work Order No.	A1543
Sample Date	March 28/29/30, 2006
Sample Identification Number	B2-S-2, B3-S-1, B4-S-1
Duplicate Sample Identification	B2-S-2D, B3-S-1D, B4-S-1D
Laboratory (DEQ)	Northern Analytical Laboratories
Laboratory (Stimson)	Energy Laboratories
Date Analyzed	Variable
Sample Media	Soil
Laboratory Units	Milligrams per Kilogram (mg/Kg)

RPD Formula: RPD=((ABS(SR-DSR))/((SR+DSR)/2))*100
RPD = Relative Percent Difference
SR = Sample Recovery (sample identification)
DSR = Duplicate Sample Recovery (sample identification)
ABS = Absolute Value

Analyte	SR (B4-S-1)	DSR (B4-S-1D)	RPD
C9 - C18 Aliphatics	ND<120	17.5 J	-
C19 - C36 Aliphatics	780	1,449	60%
C11 - C22 Aromatics	180	376	71%
TEH Screen	1,600	3,241	68%
Analyte	SR (B3-S-1)	DSR (B3-S-1D)	RPD
C9 - C18 Aliphatics	ND<190	100	-
C19 - C36 Aliphatics	1,200	2,461	69%
C11 - C22 Aromatics	190	664	111%
TEH Screen	2,100	4,428	71%
Analyte	SR (B2-S-2)	DSR (B2-S-2D)	RPD
C9 - C18 Aliphatics	ND<680	ND<170	-
C19 - C36 Aliphatics	3,400	2,100	47%
C11 - C22 Aromatics	430	400	7%
TEH Screen	7,400	4,400	51%

Notes: RPDs calculated only for detected analytes and "J" value (estimated) concentrations
mg = milligram
kg = kilogram
ND = not detected at laboratory reporting limits
- = not calculated

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client/Project	DEQ/Stimson Cooling Pond	Reviewer	Fritz Durham
Work Order No.	A1534	Laboratory	Northern Analytical

Sample Identification Numbers B1-S-1, B1-S-2; B2-S-1, B2-S-2, B3-S-3; B3-S-1, B3-S-2, B3-S-5; B4-S-1, B4-S-2, B4-S-3, B4-S-4, B4-S-5, B4-S-6; Rinsate Blank

Analyses Volatile Petroleum Hydrocarbons

Sample Date March 28/29/30, 2006 Analytical Method MDEP-VPH-98

Analytical Completeness

15 results received of 15 expected = 100 percent

Comments:

Defensibility

Chain of Custody present and signed Yes Samples shipped cool Yes

Preservative in sample containers Yes Defensibility parameters acceptable Yes

Comments: preservative in rinsate sample only

Holding Time

Samples extracted within proper holding time Yes Samples analyzed within proper time Yes

Comments:

Field QA/QC Samples

Appropriate number of equipment blanks submitted Yes (rinsate blank)

Appropriate number of trip blanks submitted NA

Analytical results above laboratory detection limits No

If analytes detected, list concentrations

Method Blanks

Analytical results above laboratory detection limits No

If analytes detected, list concentrations

Surrogate Recoveries

Recoveries within laboratory control limits Yes

List samples and results outside of laboratory control limits

Matrix Spike and Spike Duplicate Recoveries

Analyte recoveries within laboratory control limits	No
Samples and results outside of laboratory control limits	Matrix Spike, C5-C8 Aliphatics
Duplicate RPDs within laboratory control limits	Yes
Samples and RPDs outside of laboratory control limits	

Other Laboratory QA/QC Samples

List other laboratory QA/QC samples	Laboratory Control Sample
Analyte recoveries within laboratory control limits	Yes
List samples and results outside of laboratory control limits	
Duplicate RPDs within laboratory control limits	NA
List samples and RPDs outside of laboratory control limits	

Field Duplicates

Field duplicate submitted	Yes
Duplicate RPD calculations	See Page 3
Duplicate RPDs within acceptable limits	No
List results outside of acceptable limits	See Page 3

QA/QC Discussion

See Case Narrative (page 4) for laboratory discussion of qualifier (3) for Matrix Spike recovery.
Field duplicates RPDs outside of limits, but within acceptable ranges given project analyte concentrations and independent laboratories
Analyses and QA/QC data appear valid, and sample analytical data will not be rejected.

Signature [signature] Date 5/24/06

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client	Montana Department of Environmental Quality
Project	Stimson Cooling Pond
Work Order No.	A1543
Sample Date	March 28/29/30, 2006
Sample Identification Number	B1-S-2, B2-S-2, B3-S-1, B4-S-1
Duplicate Sample Identification	B1-S-2D, B2-S-2D, B3-S-1D, B4-S-1D
Laboratory (DEQ)	Northern Analytical Laboratories
Laboratory (Stimson)	Energy Laboratories
Date Analyzed	Variable
Sample Media	Soil
Laboratory Units	Milligrams per Kilogram (mg/Kg)

RPD Formula: RPD=((ABS(SR-DSR))/((SR+DSR)/2))*100
RPD = Relative Percent Difference
SR = Sample Recovery (sample identification)
DSR = Duplicate Sample Recovery (sample identification)
ABS = Absolute Value

Analyte	SR (B2-S-2)	DSR (B2-S-2D)	RPD
Toluene	0.49	0.8	48%
Naphthalene	ND<0.53	0.15 J	-
C9 - C12 Aliphatics	ND<11	4.1	-
TPH	ND<21	7.3	-

Notes: RPDs calculated only for detected analytes and "J" value (estimated) concentrations
mg = milligram
kg = kilogram
ND = not detected at laboratory reporting limits
- = not calculated

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client/Project	DEQ/Stimson Cooling Pond	Reviewer	Fritz Durham
Work Order No.	A1534	Laboratory	Northern Analytical

Sample Identification Numbers B1-S-1, B1-S-2/3/4; B2-S-1, B2-S-2, B2-S-3/4; B3-S-1, B3-S-2, B3-S-4/5; B4-S-1, B4-S-2, B4-S-3, B4-S-4, B4-S-5, B4-S-6/7/8; Rinsate Blank

Analyses Metals

Sample Date March 28/29/30, 2006 EPA Analytical Methods 6101B, 6020, 7471A

Analytical Completeness

15 results received of 15 expected = 100 percent

Comments:

Defensibility

Chain of Custody present and signed Yes Samples shipped cool Yes

Preservative in sample containers Yes Defensibility parameters acceptable Yes

Comments: preservative in rinsate sample only

Holding Time

Samples extracted within proper holding time Yes Samples analyzed within proper time Yes

Comments:

Field QA/QC Samples

Appropriate number of equipment blanks submitted Yes (rinsate blank)

Appropriate number of trip blanks submitted NA

Analytical results above laboratory detection limits Yes

If analytes detected, list concentrations Copper detected at 0.002 mg/L; Iron detected at 1.35 mg/L; Manganese detected at 0.016 mg/L

Method Blanks

Analytical results above laboratory detection limits Yes

If analytes detected, list concentrations Calcium detected at 3 mg/L

Surrogate Recoveries

Recoveries within laboratory control limits Not Available

List samples and results outside of laboratory control limits

Matrix Spike and Spike Duplicate Recoveries

Analyte recoveries within laboratory control limits	No
Samples and results outside of laboratory control limits	Aluminum and Iron
Duplicate RPDs within laboratory control limits	Yes
Samples and RPDs outside of laboratory control limits	

Other Laboratory QA/QC Samples

List other laboratory QA/QC samples	Laboratory Control Sample
Analyte recoveries within laboratory control limits	Yes
List samples and results outside of laboratory control limits	
Duplicate RPDs within laboratory control limits	NA
List samples and RPDs outside of laboratory control limits	

Field Duplicates

Field duplicate submitted	No
Duplicate RPD calculations	NA
Duplicate RPDs within acceptable limits	
List results outside of acceptable limits	

QA/QC Discussion

See Case Narrative (page 1) for laboratory discussion of Aluminum and Iron recoveries in Matrix Spike and Matrix Spike duplicate samples, and for calcium detection in Method Blank.
Analyses and QA/QC data appear valid, and sample analytical data will not be rejected.

Signature [signature] Date 5/24/06

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client/Project	DEQ/Stimson Cooling Pond	Reviewer	Fritz Durham
Work Order No.	A1534	Laboratory	Northern Analytical

Sample Identification Numbers B1-S-1, B1-S-2/3/4; B2-S-1, B2-S-2, B2-S-3/4; B3-S-1, B3-S-2, B3-S-4/5; B4-S-1, B4-S-2, B4-S-3, B4-S-4, B4-S-5, B4-S-6/7/8; Rinsate Blank

Analyses Pesticides/Polychlorinated Biphenyls

Sample Date March 28/29/30, 2006 EPA Analytical Method 8081A, 8082

Analytical Completeness

15 results received of 15 expected = 100 percent

Comments:

Defensibility

Chain of Custody present and signed Yes Samples shipped cool Yes

Preservative in sample containers No Defensibility parameters acceptable Yes

Comments:

Holding Time

Samples extracted within proper holding time Yes Samples analyzed within proper time Yes

Comments:

Field QA/QC Samples

Appropriate number of equipment blanks submitted Yes (rinsate blank)

Appropriate number of trip blanks submitted NA

Analytical results above laboratory detection limits No

If analytes detected, list concentrations

Method Blanks

Analytical results above laboratory detection limits No

If analytes detected, list concentrations

Surrogate Recoveries

Recoveries within laboratory control limits No

List samples and results outside of laboratory control limits

PCBs: B1-S-1, B1-S-2/3/4, B2-S-1, B2-S-2, B2-S-3/4; B3-S-1, B3-S-2, B3-S-4/5; B4-S-1, B4-S-2, B4-S-3, B4-S-4, B4-S-5, B4-S-6/7/8 - qualifier (1): surrogates affected by cleanup of the extract

Pesticides: B1-S-1, B4-S-4 - qualifier (3): recovery outside control limits

Pesticides: B2-S-2 - qualifier (6): recovery outside control limits

Matrix Spike and Spike Duplicate Recoveries

Analyte recoveries within laboratory control limits	No
Samples and results outside of laboratory control limits	Recovery of 4,4-DDT, Dieldrin, and Endrin outside of limits
Duplicate RPDs within laboratory control limits	Yes
Samples and RPDs outside of laboratory control limits	

Other Laboratory QA/QC Samples

List other laboratory QA/QC samples	Laboratory Control Sample
Analyte recoveries within laboratory control limits	Yes
List samples and results outside of laboratory control limits	
Duplicate RPDs within laboratory control limits	Yes
List samples and RPDs outside of laboratory control limits	

Field Duplicates

Field duplicate submitted	Yes
Duplicate RPD calculations	See Page 3
Duplicate RPDs within acceptable limits	No
List results outside of acceptable limits	See Page 3

QA/QC Discussion

Field duplicates RPDs outside of limits, but within acceptable ranges given project analyte concentrations and independent laboratories

See Case Narrative (page 3) for laboratory discussion of qualifier (1) for surrogate recovery

See Case Narrative (page 4) for laboratory discussion of dieldrin recovery in the matrix spike and duplicate

See Case Narrative (page 4) for laboratory discussion of endrin and 4,4-DDT recovery in the matrix spike and duplicate

Analyses and QA/QC data appear valid, and sample analytical data will not be rejected.

Signature [signature] Date 5/24/06

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client	Montana Department of Environmental Quality
Project	Stimson Cooling Pond
Work Order No.	A1543
Sample Date	March 28/29/30, 2006
Sample Identification Number	B1-S-2, B2-S-2, B3-S-1, B4-S-1
Duplicate Sample Identification	B1-S-2D, B2-S-2D, B3-S-1D, B4-S-1D
Laboratory (DEQ)	Northern Analytical Laboratories
Laboratory (Stimson)	Energy Laboratories
Date Analyzed	Variable
Sample Media	Soil
Laboratory Units	Milligrams per Kilogram (mg/Kg)

RPD Formula: RPD=((ABS(SR-DSR))/((SR+DSR)/2))*100
RPD = Relative Percent Difference
SR = Sample Recovery (sample identification)
DSR = Duplicate Sample Recovery (sample identification)
ABS = Absolute Value

Analyte	SR (B4-S-1)	DSR (B4-S-1D)	RPD
Aroclor 1254	0.55	0.22	86%
Analyte	**SR (B3-S-1)**	**DSR (B3-S-1D)**	**RPD**
Endosulfin I	0.06 J	ND<0.17	-
Aroclor 1254	9.6	4.1	80%
Analyte	**SR (B2-S-2)**	**DSR (B2-S-2D)**	**RPD**
Endosulfin I	0.38 J	ND<0.17	-
Heptachlor	0.041 J	ND<0.17	-
Aroclor 1254	65	47	32%

Notes: RPDs calculated only for detected analytes and "J" value (estimated) concentrations
mg = milligram
kg = kilogram
ND = not detected at laboratory reporting limits
- = not calculated

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client/Project	DEQ/Stimson Cooling Pond	Reviewer	Fritz Durham
Work Order No.	A1534	Laboratory	Northern Analytical

Sample Identification Numbers B1-S-1, B1-S-2; B2-S-1, B2-S-2, B2-S-3; B3-S-1, B3-S-2, B3-S-5; B4-S-1, B4-S-2, B4-S-3, B4-S-4, B4-S-5, B4-S-6; Rinsate Blank

Analyses Volatile Organic Compounds

Sample Date March 28/29/30, 2006 EPA Analytical Methods 8260B

Analytical Completeness

15 results received of 15 expected = 100 percent

Comments:

Defensibility

Chain of Custody present and signed Yes Samples shipped cool Yes

Preservative in sample containers Yes Defensibility parameters acceptable Yes

Comments: preservative in rinsate sample only

Holding Time

Samples extracted within proper holding time Yes Samples analyzed within proper time Yes

Comments:

Field QA/QC Samples

Appropriate number of equipment blanks submitted Yes (rinsate blank)

Appropriate number of trip blanks submitted NA

Analytical results above laboratory detection limits No

If analytes detected, list concentrations

Method Blanks

Analytical results above laboratory detection limits No

If analytes detected, list concentrations

Surrogate Recoveries

Recoveries within laboratory control limits Yes

List samples and results outside of laboratory control limits

Matrix Spike and Spike Duplicate Recoveries

Analyte recoveries within laboratory control limits	Yes
Samples and results outside of laboratory control limits	
Duplicate RPDs within laboratory control limits	Yes
Samples and RPDs outside of laboratory control limits	

Other Laboratory QA/QC Samples

List other laboratory QA/QC samples	Laboratory Control Sample
Analyte recoveries within laboratory control limits	Yes
List samples and results outside of laboratory control limits	
Duplicate RPDs within laboratory control limits	NA
List samples and RPDs outside of laboratory control limits	

Field Duplicates

Field duplicate submitted	Yes
Duplicate RPD calculations	See Page 3
Duplicate RPDs within acceptable limits	NA
List results outside of acceptable limits	

QA/QC Discussion

Analyses and QA/QC data appear valid, and sample analytical data will not be rejected.

Signature [signature] Date 5/24/06

Client Montana Department of Environmental Quality

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Project	Stimson Cooling Pond
Work Order No.	A1543
Sample Date	March 28/29/30, 2006
Sample Identification Number	B1-S-2, B2-S-2, B3-S-1, B4-S-1
Duplicate Sample Identification	B1-S-2D, B2-S-2D, B3-S-1D, B4-S-1D
Laboratory (DEQ)	Northern Analytical Laboratories
Laboratory (Stimson)	Energy Laboratories
Date Analyzed	Variable
Sample Media	Soil
Laboratory Units	Milligrams per Kilogram (mg/Kg)

RPD Formula: RPD=((ABS(SR-DSR))/((SR+DSR)/2))*100
RPD = Relative Percent Difference
SR = Sample Recovery (sample identification)
DSR = Duplicate Sample Recovery (sample identification)
ABS = Absolute Value

Analyte	SR (B1-S-2)	DSR (B1-S-2D)	RPD
Toluene	0.29	ND<0.320	-

Notes:
RPDs calculated only for detected analytes and "J" value (estimated) concentrations
µg = microgram
mg = milligram
kg = kilogram
L = liter
ND = not detected at laboratory reporting limits
- = not calculated

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client/Project	DEQ/Stimson Cooling Pond	Reviewer	Fritz Durham
Work Order No.	A1534	Laboratory	Northern Analytical

Sample Identification Numbers B1-S-1, B1-S-2/3/4; B2-S-1, B2-S-2, B2-S-3/4; B3-S-1, B3-S-2, B3-S-4/5; B4-S-1, B4-S-2, B4-S-3, B4-S-4, B4-S-5, B4-S-6/7/8; Rinsate Blank

Analyses Herbicides

Sample Date March 28/29/30, 2006 EPA Analytical Method 8151A

Analytical Completeness

15 results received of 15 expected = 100 percent

Comments:

Defensibility

Chain of Custody present and signed Yes Samples shipped cool Yes

Preservative in sample containers No Defensibility parameters acceptable Yes

Comments:

Holding Time

Samples extracted within proper holding time Yes Samples analyzed within proper time Yes

Comments:

Field QA/QC Samples

Appropriate number of equipment blanks submitted Yes (rinsate blank)

Appropriate number of trip blanks submitted NA

Analytical results above laboratory detection limits No

If analytes detected, list concentrations

Method Blanks

Analytical results above laboratory detection limits No

If analytes detected, list concentrations

Surrogate Recoveries

Recoveries within laboratory control limits Yes

List samples and results outside of laboratory control limits

Matrix Spike and Spike Duplicate Recoveries

Analyte recoveries within laboratory control limits	Yes
Samples and results outside of laboratory control limits	
Duplicate RPDs within laboratory control limits	No
Samples and RPDs outside of laboratory control limits	RPDs outside of limits for 2,4-D and Dicamba

Other Laboratory QA/QC Samples

List other laboratory QA/QC samples	Laboratory Control Sample
Analyte recoveries within laboratory control limits	No
List samples and results outside of laboratory control limits	LCS, Dinoseb
Duplicate RPDs within laboratory control limits	NA
List samples and RPDs outside of laboratory control limits	

Field Duplicates

Field duplicate submitted	Yes
Duplicate RPD calculations	See Page 3
Duplicate RPDs within acceptable limits	NA
List results outside of acceptable limits	

QA/QC Discussion

See Case Narrative (page 4) for laboratory discussion of qualifier (3) for Matrix Spike 2,4-D and Dicamba.
See Case Narrative (page 5) for laboratory discussion of qualifier (6) for LCS Dinoseb
See Case Narrative (page 4) for laboratory discussion of qualifier (R) (rejected) for Dinoseb in project samples.
Analyses and QA/QC data appear valid, and sample analytical data will not be rejected.

Signature [signature] Date 5/24/06

Client Montana Department of Environmental Quality

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Project	Stimson Cooling Pond
Work Order No.	A1543
Sample Date	March 28/29/30, 2006
Sample Identification Number	B1-S-2, B2-S-2, B3-S-1, B4-S-1
Duplicate Sample Identification	B1-S-2D, B2-S-2D, B3-S-1D, B4-S-1D
Laboratory (DEQ)	Northern Analytical Laboratories
Laboratory (Stimson)	Energy Laboratories
Date Analyzed	Variable
Sample Media	Soil
Laboratory Units	Milligrams per Kilogram (mg/Kg)

RPD Formula: RPD=((ABS(SR-DSR))/((SR+DSR)/2))*100
RPD = Relative Percent Difference
SR = Sample Recovery (sample identification)
DSR = Duplicate Sample Recovery (sample identification)
ABS = Absolute Value

Analyte	SR (B4-S-1)	DSR (B4-S-1D)	RPD
Pentachlorophenol	ND<0.01	0.0019 J	-
Analyte	**SR (B3-S-1)**	**DSR (B3-S-1D)**	**RPD**
Pentachlorophenol	ND<0.01	0.0028	-

Notes: RPDs calculated only for detected analytes and "J" value (estimated) concentrations
mg = milligram
kg = kilogram
ND = not detected at laboratory reporting limits
- = not calculated

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client/Project	DEQ/Stimson Cooling Pond	Reviewer	Fritz Durham
Work Order No.	A1534	Laboratory	Northern Analytical

Sample Identification Numbers B1-S-1, B1-S-2/3/4; B2-S-1, B2-S-2, B2-S-3/4; B3-S-1, B3-S-2, B3-S-4/5; B4-S-1, B4-S-2, B4-S-3, B4-S-4, B4-S-5, B4-S-6/7/8; Rinsate Blank

Analyses Semivolatile Organic Compounds

Sample Date March 28/29/30, 2006 EPA Analytical Methods 8270C

Analytical Completeness

15 results received of 15 expected = 100 percent

Comments:

Defensibility

Chain of Custody present and signed Yes Samples shipped cool Yes

Preservative in sample containers No Defensibility parameters acceptable Yes

Comments:

Holding Time

Samples extracted within proper holding time Yes Samples analyzed within proper time Yes

Comments:

Field QA/QC Samples

Appropriate number of equipment blanks submitted Yes (rinsate blank)

Appropriate number of trip blanks submitted NA

Analytical results above laboratory detection limits No

If analytes detected, list concentrations

Method Blanks

Analytical results above laboratory detection limits Yes

If analytes detected, list concentrations

Surrogate Recoveries

Recoveries within laboratory control limits No

List samples and results outside of laboratory control limits

Matrix Spike - qualifier (3): recovery outside control limits

Matrix Spike and Spike Duplicate Recoveries

Analyte recoveries within laboratory control limits	No
Samples and results outside of laboratory control limits	MS, Pentachlorophenol, Pyrene, surrogate

Duplicate RPDs within laboratory control limits	Yes
Samples and RPDs outside of laboratory control limits	

RPDs acceptable, however, PCP recovery out of limit

Other Laboratory QA/QC Samples

List other laboratory QA/QC samples	Laboratory Control Sample
Analyte recoveries within laboratory control limits	Yes
List samples and results outside of laboratory control limits	

Duplicate RPDs within laboratory control limits	NA
List samples and RPDs outside of laboratory control limits	

Field Duplicates

Field duplicate submitted	Yes
Duplicate RPD calculations	See Page 3
Duplicate RPDs within acceptable limits	No
List results outside of acceptable limits	See Page 3

QA/QC Discussion

See Case Narrative (page 4) for laboratory discussion of qualifier (3) for surrogate recovery in the matrix spike and duplicate

See Case Narrative (page 3) for laboratory discussion of pentachlorophenol and pyrene recoveries in the matrix spike and duplicate

Field duplicates RPDs outside of limits, but within acceptable ranges given project analyte concentrations and independent laboratories

Analyses and QA/QC data appear valid, and sample analytical data will not be rejected.

Signature [signature] Date 5/24/06

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client	Montana Department of Environmental Quality
Project	Stimson Cooling Pond
Work Order No.	A1543
Sample Date	March 28/29/30, 2006
Sample Identification Number	B1-S-2, B2-S-2, B3-S-1, B4-S-1
Duplicate Sample Identification	B1-S-2D, B2-S-2D, B3-S-1D, B4-S-1D
Laboratory (DEQ)	Northern Analytical Laboratories
Laboratory (Stimson)	Energy Laboratories
Date Analyzed	Variable
Sample Media	Soil
Laboratory Units	Milligrams per Kilogram (mg/Kg)

RPD Formula: RPD=((ABS(SR-DSR))/((SR+DSR)/2))*100
RPD = Relative Percent Difference
SR = Sample Recovery (sample identification)
DSR = Duplicate Sample Recovery (sample identification)
ABS = Absolute Value

Analyte	SR (B4-S-1)	DSR (B4-S-1D)	RPD
Acenaphthene	0.17 J	ND<0.33	-
Acenaphthylene	1.2	0.17 J	150%
Anthracene	0.21	ND<0.33	-
Fluoranthene	0.76	0.08 J	162%
2-Methylnaphthalene	0.10 J	ND<0.33	-
2-Methylnaphenol…	<0.1	0.095 J	-
3-Methylnaphenol…	0.22	0.39	56%
Naphthalene	3.3	1.3	87%
Phenanthrene	2.1	0.19 J	167%
Pyrene	0.59	0.082 J	151%
Analyte	SR (B3-S-1)	DSR (B3-S-1D)	RPD
Naphthalene	ND<0.1	0.15 J	-
Analyte	SR (B2-S-2)	DSR (B2-S-2D)	RPD
Naphthalene	ND<0.1	0.56 J	-
Phenanthrene	ND<0.4	0.068 J	-

Notes: RPDs calculated only for detected analytes and "J" value (estimated) concentrations
mg = milligram
kg = kilogram
ND = not detected at laboratory reporting limits
- = not calculated

Olympus Technical Services, Inc.
Analytical Data Validation Form

Olympus Technical Services, Inc.

Client/Project	DEQ/Stimson Cooling Pond	Reviewer	Fritz Durham
Work Order No.	A1534	Laboratory	Northern Analytical
Sample Identification Numbers	B1-S-1/2/3/4, B2-S-1/2/3/4; B3-S-1/2/3/4/5, B4-S-1/2/3/4/5/6/7/8		

Analyses: TCLP

Sample Date: March 28/29/30, 2006

EPA Analytical Methods: 6010B, 7470A, 8151A, 8260B, 8270C, 8081A

Analytical Completeness

4 results received of 4 expected = 100 percent

Comments:

Defensibility

Chain of Custody present and signed: Yes

Samples shipped cool: Yes

Preservative in sample containers: No

Defensibility parameters acceptable: Yes

Comments:

Holding Time

Samples extracted within proper holding time: Yes

Samples analyzed within proper time: Yes

Comments:

Field QA/QC Samples

Appropriate number of equipment blanks submitted: NA

Appropriate number of trip blanks submitted: NA

Analytical results above laboratory detection limits:

If analytes detected, list concentrations:

Method Blanks

Analytical results above laboratory detection limits: No

If analytes detected, list concentrations:

Surrogate Recoveries

Recoveries within laboratory control limits: Not Available

List samples and results outside of laboratory control limits:

Matrix Spike and Spike Duplicate Recoveries

Analyte recoveries within laboratory control limits	Yes
Samples and results outside of laboratory control limits	
Duplicate RPDs within laboratory control limits	Yes
Samples and RPDs outside of laboratory control limits	

Other Laboratory QA/QC Samples

List other laboratory QA/QC samples	LCS and Extraction Blank
Analyte recoveries within laboratory control limits	No for LCS, Yes for Extraction Blank
List samples and results outside of laboratory control limits	LCS, Chlordane
Duplicate RPDs within laboratory control limits	NA
List samples and RPDs outside of laboratory control limits	

Field Duplicates

Field duplicate submitted	No
Duplicate RPD calculations	NA
Duplicate RPDs within acceptable limits	
List results outside of acceptable limits	

QA/QC Discussion

See Case Narrative (page 4) for laboratory discussion of Chlordane recovery in Laboratory Control Sample.
Analyses and QA/QC data appear valid, and sample analytical data will not be rejected.

Signature [signature] Date 5/24/06