Site Assessment Report

Hamachek Klockner Property
97 Ellis Street
Kewaunee, Wisconsin

Prepared for:

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AYRES ASSOCIATES

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Kewaunee, WI 54216

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NR 712.09 SUBMITTAL CERTIFICATION

"I, Jeffrey Steiner, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03(1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to NR 726, Wis. Adm. Code."

Jeffrey C. Steiner

Jeffrey C. Steiner, PG, CPG

4-28-08

Date

"I, Sarah Babcock, hereby certify that I am an engineer as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to NR 726, Wis. Adm. Code."

Sarah Babcock

Sarah Babcock, PE

4.28.08

Date

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Executive Summary

The City of Kewaunee authorized Ayres Associates to perform a Phase II Environmental Assessment of the Hamachek Klockner property located at 97 Ellis Street, Kewaunee, Wisconsin. An environmental assessment was conducted at the site in February 2008. The primary objectives of the assessment were to characterize the hydrogeologic and environmental conditions at the site, characterize the nature of potential environmental impacts, and evaluate the need to implement remedial action at the site.

Subsurface information collected during this assessment indicates that there are unconsolidated sediments at the site stratified in three units. The upper unit ranges from 12 feet to 18 feet thick and is comprised primarily of layered fine-grained sand with gravel. Some native and non-native fill materials consisting of gravel, brick, metal, and slag were encountered in most of the borings advanced at the site at depths ranging from 0 to 4 feet below ground surface.

A middle low permeability silt and clay unit ranges in thickness from 13 feet to 22 feet and appears to extend across the entire site. The lower sand unit consists of very fine brown sand. A maximum of 11 feet of sand was encountered to the depth of exploration at 40 feet below ground surface. A geologic and well construction log for City Well #1, located 100 feet east of the site, indicates that there is a bedrock unit at a depth of 56 feet below ground surface.

Water levels obtained in February 2008 indicate that the depth to water ranges from about 4 to 8 feet below ground surface. Groundwater flow in the upper unconsolidated aquifer is generally east-northeast across the site toward the Kewaunee River and Lake Michigan at an average horizontal hydraulic gradient of 0.005 ft/ft. The average horizontal groundwater flow velocity in the unconsolidated aquifer is estimated to be 0.2 feet/day, or 70 feet/year. Groundwater flow in the lower unconsolidated confined aquifer is generally east across the site toward Lake Michigan at an average horizontal hydraulic gradient of 0.01 ft/ft. The average horizontal groundwater flow velocity in the lower confined aquifer is estimated to be 0.5 feet/day, or 174 feet/year.

Laboratory results for soil samples collected at the site indicate that trace concentrations of aromatic hydrocarbon constituents were detected in each of the four samples analyzed for this parameter. Low concentrations of chlorinated hydrocarbons were also detected in two of the four samples. The highest concentrations and greatest number of constituents were detected in a soil sample collected from probe BGP-1. However, of the 14 VOCs detected, only benzene and xylene exceeded NR 720 Wisconsin Administrative Code soil standards.

Polycyclic aromatic hydrocarbons (PAH) were detected in each of the nine samples submitted for PAH analysis. Of the 15 PAH constituents detected, only two exceeded suggested generic residual contaminant levels, including naphthalene and phenanthrene.

Low levels of arsenic were detected in 9 of the 11 soil samples at concentrations exceeding NR 720 Wisconsin Administrative Code residual contaminant levels. Arsenic concentrations in these samples ranged from 1.4 mg/Kg to 11 mg/Kg. However, the concentrations of arsenic in these samples are consistent with naturally occurring background concentrations in soil throughout Wisconsin, which are greater than the NR 720 Wisconsin Administrative Code RCL.

Lead concentrations exceeded the NR 720 non-industrial RCL of 50 mg/Kg in 6 of the 11 composite soil samples analyzed for metals; one sample additionally exceeded the NR 720 industrial RCL of 500 mg/Kg. Lead concentrations in the six samples ranged from 73.8 mg/Kg

to 1,070 mg/Kg. Each of the six samples exceeding NR 720 Wisconsin Administrative Code RCLs were collected from depths of 0 to 4-feet below ground surface where non-native fill materials, including metal and slag deposits were observed.

Acknowledgement

On behalf of the City of Kewaunee, Ayres Associates would like to extend its sincere appreciation to the Wisconsin Department of Natural Resources (WDNR) for its funding support. The WDNR Site Assessment Grant Program not only graciously awarded the City of Kewaunee this grant to assist in funding the environmental activities outlined in this report, but has continued to support the City's efforts as they move toward redevelopment. Without this funding support, this Brownfield site may have laid idle indefinitely. We are indebted to the Department for making this financial assistance available for this important redevelopment project.

Introduction

The Hamachek Klockner Property is located in the southwest ¼ of the southwest ¼ of Section 17, Township 23 North, Range 25 East (SW ¼, SW ¼, Section 17, T23N, R25E), Kewaunee County, Wisconsin (Figure 1). The subject property is located approximately 0.25-mile west of Lake Michigan, on the southern shore of the Kewaunee River. Parcels east and north of the subject property include older residential properties.

This 100-year old industrial property consists of parcels located north of Ellis Street. Several buildings of varying age and historical usage are located on the subject property. The parcel is irregular in shape and measures approximately 600- by 400-feet at its widest points. A map of the site is shown on Figure 2.

At the southwest corner of this parcel is a Quonset style building measuring approximately 150- by 60-feet. This structure has concrete floors with corrugated steel construction. The walls and ceiling of this structure have a spray on insulation, which could contain asbestos. This building has been used for storage, painting, and manufacturing.

North of the Quonset building is the Butler building measuring approximately 50- by 75-feet. This single story structure has a wood frame with concrete floors. Painting operations were formerly performed in this building.

There are two small single story buildings measuring approximately 30- by 60-feet, with concrete floors and wood frames. These structures were used for sandblasting machinery and parts.

The main building on the subject property is a two-story structure with a partial basement. Although irregular in shape, it measures approximately 200- by 300-feet. This building has been used for manufacturing, storage, and painting. It also contains several offices on both floors. The northern half of this building has deteriorating concrete floors, which show evidence of a former smelting operation. There is no basement beneath this section. The southern half of this structure has a second level with wooden floors. This space was mostly used for storage and the manufacture of tarps. The basement, which contains three sumps, one of which is still working, was mostly used for storage. Large portions of the first level of this building contain floors consisting of sawn boards, placed on end and standing on a concrete base.

Surrounding land use includes manufacturing to the south, a municipal well and Lake Michigan to the east, the Kewaunee River to the north, and residential and commercial properties to the west.

In March 2006, the City of Kewaunee was awarded a $75,000 WDNR Site Assessment Grant to complete Phase 1 and Phase 2 Environmental Site Assessment (ESA) activities on the Klockner property. These environmental activities were conducted to evaluate possible environmental liabilities associated with the property prior to potential redevelopment. A limited asbestos inspection and survey was completed in conjunction with Phase 1 ESA activities which were submitted under separate cover.

A Phase 2 ESA was conducted at the site in January and February 2008. The primary objectives of the assessment were to:

- Characterize the hydrogeologic and environmental conditions at the site
- Characterize the nature of potential impacts to soil and groundwater at the site
- Evaluate the threat, if any, to human health and the environment
- Evaluate the need to implement remedial action at the site

Background

The City of Kewaunee is considering redevelopment options for the Klockner property, and other areas along the Kewaunee River. The main focus of this Site Assessment Grant is to investigate the Klockner facility for potential environmental impacts and prepare a remediation plan to address any identified contaminants, therefore, providing a route for redevelopment to occur. The Klockner property has a history of industrial activities that may have caused environmental contamination to soil and groundwater.

The City of Kewaunee retained Ayres Associates to perform Phase I and Phase 2 ESAs of the subject property. The Phase 1 ESA, submitted as a separate document, identified a range of recognized environmental conditions, including the following:

- The subject property is listed as an open Environmental Repair Program Site. Storage and dumping of regulated materials as well as floor staining was observed or reported at the time of the site visit. Although this site is not closed by regulatory agencies, it appears that the investigation has stopped.

- Adjoining parcels to the east and south are considered to be recognized environmental concerns to the subject property. A 12,000-gallon fuel oil AST, formerly located at the west border of the adjoining property east, was removed without investigation. Numerous RCRA violations at Vollrath, immediately south, raise concerns about contamination migrating to the subject property.

- The subject property has been in use for the manufacture of farm machinery since the late 1800s and an iron foundry operated on the site from 1877 until 1991. In 1983, Klockner purchased the property and continued to use the site as a foundry until 1991, and then for manufacturing and painting of machinery until 1998. The site was leased by Kewaunee Machine Company, which operated as a metal machining and fabrication facility until recently. At various times, the land was also the site of milling operations and has been used for storage of machinery.

  Contaminants in soil and groundwater that may be associated with historic activities conducted at the site include diesel range organics (DRO), gasoline range organics (GRO), polycyclic aromatic hydrocarbons (PAHs), heavy metals, and volatile organic compounds (VOCs).

Regional Geology and Hydrogeology

Geology

Regional information[1] indicates that surficial unconsolidated deposits in the study area consist primarily of end moraine and ground moraine till comprised of unstratified clay, silt, sand, and gravel materials. Stratified sand and gravel beach deposits may underlie less permeable surface deposits. Unconsolidated deposits are generally around 50 feet thick in the project area.

The uppermost bedrock unit in the site area is Silurian age dolomite. The Silurian Dolomite overlies older geologic units including the Maquoketa Shale and undifferentiated units of the Galena, Decorah, and Platteville formations of Ordovician age, and older Cambrian age sandstones.

Hydrogeology

Groundwater is the source for domestic, municipal, and industrial water supplies in the Kewaunee area. Primary aquifer units from the ground surface downward include: (1) the sand and gravel aquifer, (2) the Niagara aquifer (dolomite aquifer), and (3) the sandstone aquifer, which includes St. Peter Sandstone and Ordovician age dolomite and sandstone units, and older Cambrian sandstones.

Municipal water supply wells for the City of Kewaunee are completed in the Niagara aquifer of Ordovician age. Private and other non-municipal water supply wells may be completed in the sand and gravel aquifer, and in the Niagara dolomite aquifer in this area.

Depth to groundwater below the site ranges from approximately 5 to10 feet below ground surface, depending on the elevation of the ground surface. Shallow groundwater flow is estimated to be northeast across the site based on the proximity of the site to the river and the Lake Michigan. Information obtained on groundwater flow in the deeper aquifers indicates flow to the east toward Lake Michigan and City municipal well No. 1.

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[1] Skinner, Earl., L. and Ronald G. Borman. 1973. "Water Resources of Wisconsin – Lake Michigan Basin, Hydrologic Atlas HA-432." United States Department of the Interior Geological Survey, University Extension – The University of Wisconsin Geological and Natural History Survey.

Site Geology and Hydrogeology

Site Stratigraphy

Subsurface conditions were evaluated based on information collected from 9 soil borings and 24 probes advanced at the site during this assessment. Thirty-one shallow probes were originally proposed, however, seven of the probes could not be advanced due to the presence of subsurface utilities and access limitations in the building. Soil probes and borings were advanced to a maximum depth of 4 feet and 42 feet below ground surface, respectively. Locations of the soil probes and borings are shown on Figure 3.

Each of the nine borings advanced during this investigation were used for installation of monitoring wells. Five of the wells were constructed as water table observation wells (MW-4, MW-5, MW-6, MW-7 and MW-8) and the remaining wells were constructed as piezometers (PZ-3, PZ-6, PZ-7 and PZ-8). Locations of the borings and monitoring wells are shown on Figure 2. Geologic boring and well construction logs are presented in Appendix A. Geologic cross sections A-A' and B-B' are presented on Figure 4 and Figure 5, respectively.

Subsurface information collected during this assessment indicates that the unconsolidated sediments at the site are stratified in three hydrostratigraphic units consisting of an upper sand and organic peat unit, a middle low permeability silt and clay unit, and a lower sand unit. The upper unit ranges from 12 feet to 18 feet thick and is comprised primarily of layered loose to medium dense, fine-grained silty sand, and poorly graded, brown sand with gravel. Some native and non-native fill materials, consisting of gravel, brick, metal, and slag, were encountered in most of the borings advanced at the site at depths ranging from 0 to 4 feet below ground surface.

The upper unit includes an organic peat layer that ranges from 3 to 6 feet thick and is located between the overlying sand layers and the underlying silt and clay layer. The peat layer is absent in borings PZ-6 and PZ-8 advanced along the eastern property boundary.

The lower permeability silt and clay unit is comprised of grayish-green, very soft to soft, non-plastic, fossiliferous (shells) silt; soft, low plasticity clay; and firm, medium to high plasticity, red clay. The silt and clay layer ranges in thickness from 13 feet in boring PZ-3 to 22 feet in boring PZ-7. Based on the geologic cross sections shown on Figure 4 and Figure 5, it appears the thickness of the clay unit is relatively consistent across the site.

The lower sand unit consists of a very loose to medium dense, very fine grained, poorly graded, brown sand. A maximum of 11 feet of sand was encountered to the depth of exploration at 40 feet below ground surface.

Bedrock was not encountered in any of the soil borings advanced at the site during this assessment. A geologic and well construction log for City Well #1, located 100 feet east of the site, indicates the uppermost bedrock unit below the site is Silurian age dolomite at a depth of 56 feet below ground surface.

Groundwater Flow Conditions

Groundwater Levels

Groundwater level and elevation data obtained from the monitoring wells on February 13, 2008, were used to estimate groundwater flow direction and gradient (Table 1). The City of Kewaunee Water Department was contacted two days prior to measuring water levels to determine the frequency and duration that City Well #1 was pumped. Ayres Associates arranged for the well to be inactive a minimum of three hours prior to measuring water levels in the monitoring wells so that static (non-pumping) conditions could be evaluated. The City reactivated the pump immediately after static water levels were obtained and water levels in monitoring wells were measured again under pumping conditions.

Water levels obtained from water table observation wells under static conditions indicate that the depth to water ranged from 4.72 feet to 8.84 feet below ground surface. Water levels measured in piezometers under static conditions ranged from 3.88 feet to 8.23 feet. The elevation of the potentiometric surface (water levels) measured in piezometers screened below the clay aquitard decreased during pumping. This variance ranged from -0.25 feet (negative sign indicating decrease in elevation) in piezometer PZ-4, located on the western edge of the site to -2.90 feet in well PZ-5 located on the eastern property boundary. No change in water levels was noted in the water table wells screened above the clay during pumping, indicating the clay layer functions as a confining unit, hydraulically isolating the upper sand aquifer from the lower sand unit.

Hydraulic Conductivity Testing

Hydraulic conductivity (slug) tests were performed on 8 of the 14 monitoring wells installed in the project corridor, including 4 water table wells and 4 piezometers. The slug tests were performed by rapidly lowering a solid cylinder (slug) into the well to cause an instantaneous rise in water level (falling head test), then measuring the return of the water level to its static condition. A second test was performed by removing the slug (rising head test), and again measuring the response of the water level in the well. Water level data were recorded with an automated pressure transducer and data logger system. Slug test data were evaluated using Waterloo Hydrologic Aquifer Test v. 3 graphical analysis and reporting software. The slug tests were analyzed using the methods of Bouwer and Rice (1976)[2] for unconfined aquifers. Results of the slug tests are summarized in Table 2. Slug test data and test parameters are presented in Appendix B.

Average hydraulic conductivity values for water table observation wells screened in the unconsolidated deposits above the clay aquitard ranged from a high of 1.5×10^{-2} cm/sec in water table well MW-8, to 2.3×10^{-3} cm/sec in water table well MW-3. Water table wells MW-8 and MW-3 are screened in fine to very fine-grained sand and peat deposits. Average hydraulic conductivity values for piezometers screened below the clay aquitard ranged from a high of 1.9×10^{-2} cm/sec in piezometer PZ-7, to a low of 9.3×10^{-4} cm/sec in piezometer PZ-8. Piezometers PZ-7 and PZ-8 are screened in very fine-grained sand deposits.

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[2] Bouwer, H. and R.C. Rice, A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers with Completely or Partially Penetrating Wells, *Water Resources Research*, Vol.12, No.3, 1976, pp.423-428

Hydraulic conductivity values calculated from slug tests correlate well with observations of the subsurface materials collected during drilling activities.

Groundwater Flow

Water level data obtained from the water table observation wells on February 13, 2008, were used to construct a water table contour map. Groundwater flow is generally east-northeast across the site area, as illustrated in Figure 6 (static conditions).

A potentiometric surface map was prepared for piezometers screened at depth below the clay aquitard within the lower unconsolidated aquifer. The potentiometric surface map presented as Figure 7 indicates groundwater flow to the east within the lower confined unconsolidated aquifer.

The average horizontal hydraulic gradient calculated for the water table aquifer was 0.005 ft/ft. The average hydraulic gradient for the western portion of the lower confined aquifer was 0.02 ft/ft., but decreased to 0.003 across the eastern portion of the site. Water level data and groundwater flow patterns are consistent with the geologic conditions beneath the project area.

Vertical Gradients

Differences in hydraulic head can occur between different geologic units. The difference in hydraulic head is caused by steep hydraulic gradients induced by heavy groundwater pumping, large topographic relief, or by differences in hydraulic conductivity. Vertical gradients can induce or prevent contaminant migration in and between aquifers depending on the magnitude and direction of the gradient. Vertical groundwater gradients, presented in Table 3, were calculated based on water levels obtained from each of the well nests during both static (non-pumping) and pumping conditions.

Vertical groundwater gradients were calculated for each of the six well nests installed in the project area. No measurable vertical gradients were noted in well nests PZ-7/MW-7 and PZ-8/MW-8, located across the central portion of the project area. Low to moderate upward vertical gradients were measured in well nests MW-4/PZ-4 and MW-6/PZ-6. In contrast, moderate to strong downward (negative sign indicating downward gradient) vertical gradients were measured between wells in well nests MW-3/PZ-3 and MW-5/PZ-5. Downward vertical gradients were measured in each of the well nests under pumping conditions, with the exception of well nest MW-4/PZ-4.

Groundwater Flow Velocity

Groundwater flow velocity was calculated for the water table aquifer at this site using the formula:

$V = ki/n_e$

Where:

V = horizontal groundwater flow velocity

k = hydraulic conductivity

i = hydraulic gradient

n_e = effective porosity

An average hydraulic conductivity value of 3.4×10^{-3} cm/sec was used in calculating groundwater flow velocity in the water table aquifer. This value was obtained by calculating the geometric mean of values obtained from hydraulic conductivity tests performed at the site. The geometric mean of conductivity values obtained from slug tests performed on the piezometers at the site is 4.2×10^{-3} cm/sec.

The hydraulic gradient (i) used to calculate horizontal groundwater flow velocity is based on water levels measured on February 13, 2008. An average horizontal gradient of 0.005 ft/ft was used to calculate groundwater flow in the upper unconsolidated aquifer. An average gradient of 0.01 ft/ft was used for the lower confined aquifer.

The velocity of groundwater is also influenced by the porosity of the aquifer material. The effective porosity (n_e) is a measure of the amount of interconnecting pore space that is available in a given volume of material through which water can move. The average effective porosity of the unconsolidated material is assumed to be 25 percent.

Based on the values stated above, the average horizontal groundwater flow velocity in the unconsolidated water table aquifer is approximately 0.2 feet/day or 70 feet/year. The average groundwater flow velocity in the confined aquifer below the clay aquitard is 0.5 feet/day or 174 feet/year. Groundwater flow velocity in the lower aquifer would be greater when City well #1 is pumping due to the increased hydraulic gradient created by the drawdown.

Soil Quality Assessment

Soil samples were collected from the borings and probes advanced during the investigation and submitted to CT Laboratories in Baraboo, Wisconsin, for analysis. Selected samples were analyzed for volatile organic compounds (VOC), polycyclic aromatic hydrocarbons (PAH), and Resource Conservation and Recovery Act (RCRA) metals. The samples selected for analysis and type of analysis performed was based on field screening results, visual and olfactory observations during drilling, and the type of activity formerly performed in the area where the boring was advanced.

Field Screening Results

Headspace analysis was performed on each of the soil samples obtained from the borings and probes. Headspace analysis is a screening tool used to qualitatively assess the degree of potential impacts to soil from volatile organic compounds. The headspace analysis was performed using an organic vapor meter (OVM) equipped with an 11.7 eV lamp.

Results of the headspace analysis indicated the potential presence of elevated levels of volatile organic constituents in soil samples collected from one of the soil borings advanced during this assessment. An OVM reading of 476 instrument units (IU) was recorded for soil samples collected from the unsaturated zone in probe BGP-1, located in the north-central portion of the property near the Kewaunee River. Lower OVM readings of 12 IU and 8.6 IU were obtained for soil samples collected from soil probes BGP-10 and BGP-22, respectively. All other PID readings were at or below background concentrations (2 IU).

Results of Soil Sample Laboratory Analysis

Fifteen (15) soil samples collected from the 25 probes advanced during this assessment were submitted for analysis. Four (4) of the 15 samples collected were analyzed for VOCs, 9 soil samples were analyzed for PAH, and 11 samples were analyzed for heavy metals (arsenic, cadmium, chromium, and lead). Soil samples collected for PAH and metals analyses were obtained from a composite of two to three adjacent samples. A summary of VOC, PAH, and heavy metal detections in soil is presented in Table 4. Laboratory data reports for soil samples are presented in Appendix B. Soil probe locations and composite sample locations are shown on Figure 3.

Laboratory results for soil samples collected at the site indicate that trace concentrations of aromatic hydrocarbon constituents (VOC) were detected in each of the four samples analyzed for this parameter. Low concentrations of chlorinated hydrocarbons were also detected in two of the four samples. The highest concentrations and greatest number of constituents were detected in a soil sample collected from probe BGP-1. However, of the 14 VOCs detected, only benzene and xylene exceeded NR 720 Wisconsin Administrative Code soil standards. Benzene concentrations exceeded soil standards in a sample collected from soil probe BGP-22 (0.018 mg/Kg) and xylene exceeded soil standards in a sample collected from soil probe BGP-1 (12.6 mg/Kg).

Polycyclic aromatic hydrocarbons (PAH) were detected in each of the nine samples submitted for PAH analysis. Of the 15 PAH constituents detected, only two exceeded suggested generic residual contaminant levels, including naphthalene and phenanthrene. Naphthalene exceeded the guidance RCL (based on protection of groundwater) in five of the nine composite samples in

which it was analyzed, including Comp1, Comp6, Comp7, Comp8, and Comp11. Phenanthrene also exceeded the guidance RCL (based on protection of groundwater) in composite sample Comp1. The PAH detections in near surface soil samples were found from borings advanced throughout the site.

Eleven (11) soil samples were submitted to the laboratory for metals analysis. Low levels of arsenic were detected in 9 of the 11 samples submitted for analysis at concentrations exceeding NR 720 Wisconsin Administrative Code residual contaminant levels. Arsenic concentrations in these samples ranged from 1.4 mg/Kg to 11 mg/Kg. However, the concentrations of arsenic in these samples are consistent with naturally occurring background concentrations in soil throughout Wisconsin, which are greater than the NR 720 Wisconsin Administrative Code RCL.

Lead concentrations exceeded the NR 720 non-industrial RCL of 50 mg/Kg in 6 of the 11 composite soil samples analyzed for metals. Lead concentrations in these six samples ranged from 73.8 mg/Kg in a sample collected from composite sample Comp8 to 1,070 mg/Kg in a sample collected from composite sample Comp6. Concentrations of lead in soil samples comprising sample Comp6 (1,070 mg/Kg) exceeded the NR 720 industrial RCL of 500 mg/Kg. Each of the six samples exceeding NR 720 Wisconsin Administrative Code RCLs were collected from depths of 0 to 4-feet below ground surface where non-native fill materials, including metal and slag deposits, were observed.

Groundwater Quality Assessment

Groundwater samples were collected from NR 141 Wisconsin Administrative Code monitoring wells installed at the project site. The purpose of this sampling is to characterize the nature and extent of potential contamination at the site by determining the type, distribution, and concentration of chemical constituents present in the groundwater. The analytical data were used in conjunction with site-specific geologic and hydrogeologic data and information on other environmental conditions to determine the potential for contaminant migration.

Ayres Associates collected one round of groundwater samples from eight water table observation wells (MW-1 through MW-8) and six piezometers (PZ-3 through PZ-8) installed at the site. Six of the water table wells and piezometers were constructed as well nests. Samples were collected from the wells in February 2008 and submitted to CT Laboratories in Baraboo, Wisconsin. Groundwater samples were analyzed for VOC, PAH, and heavy metals (arsenic, cadmium, chromium, and lead). VOCs and PAHs were analyzed using EPA SW-846 Method 8260B and Method 8310, respectively. Dissolved metals were analyzed using Methods 6010B, 7060A, and 7470A. A summary of VOCs, PAHs, and metals detected in groundwater samples is shown in Table 5. Laboratory data sheets for the February 2008 sampling event are presented in Appendix C.

Laboratory results indicate that VOC constituents were detected in groundwater samples collected from ten of the 14 monitoring wells sampled. However, only two of the VOC constituents detected exceeded NR 140 Wisconsin Administrative Code groundwater enforcement standards (ES), including bromodichloromethane and vinyl chloride. Bromodichloromethane was detected at a concentration of 1.0 µg/L in a sample collected from piezometer PZ-4, exceeding the NR 140 Wisconsin Administrative Code ES of 0.6 µg/L. Vinyl chloride was detected in a sample collected from water table well MW-8, at a concentration of 5.5 µg/L; exceeding the NR 140 Wisconsin Administrative Code ES of 0.2 µg/L for this constituent.

Low concentrations of one or more PAH constituents were detected in 6 of the 13 groundwater samples in which they were analyzed. None of the PAH compounds detected exceeded NR 140 Wisconsin Administrative Code enforcement standards.

Low concentrations of dissolved metals were detected in each of the fourteen samples analyzed. Concentrations of arsenic, detected in a sample collected from well PZ-5 at 18.9 µg/L was the only metal that exceeded NR 140 Wisconsin Administrative Code enforcement standards.

Remedial Alternatives Evaluation

A preliminary remedial action evaluation was performed to present a range of soil remediation options that could be implemented based on the type of constituents detected at this site. Any remedial action implemented, if any, would necessarily be based on the type of redevelopment or end use of the property. No options were evaluated for groundwater as analytical results do not indicate impacts to groundwater that would necessitate remediation.

Remedial Action Objectives

Remedial action objectives describe what the proposed site cleanup activities are expected to accomplish. The remedial action objectives for impacts at this site include the following:

- Removal or treatment of contaminated soils to prevent leaching to groundwater
- Removal of potential direct contact risk from near-surface soils
- Allow remaining residual contaminants in groundwater to attenuate naturally

Evaluation Criteria

The remedial action options identified by the initial screening were evaluated using the following criteria and in compliance with s. NR 722.07 and s. NR 722.09 Wisconsin Administrative Code.

"Technical Feasibility" – Includes a general discussion on the basic technical principles on which the technology functions and the technology's relevance to the environment and contaminants of concern.

"Short –Term Effectiveness" – Assesses the effect of implementing the remedial alternative relative to the potential risk to workers, the public, and the environment.

"Long-Term Effectiveness and Permanence" – This criterion evaluates the level of risk remaining after the remedial alternative is completed. Remedial actions that are considered effective over the long-term leave little remaining contamination at the site, require no long-term monitoring, and minimize the need for institutional controls.

"Reduction of Contaminant Toxicity, Mobility, or Volume through Treatment" – Evaluates the degree to which the remedial alternative uses treatment to reduce the toxicity, mobility, or volume of the contamination.

'Implementation Feasibility" – Criterion is used to evaluate the feasibility of implementing a remedial option in terms of practical considerations including, design considerations, availability of services, materials and equipment, monitoring requirements, access, limitations, regulatory and community acceptance, and permitting requirements.

"Environmental Feasibility" – The environmental feasibility of each method is based primarily on the potential effectiveness of the method to achieve environmental goals, such as groundwater standards, for the media of concern. Effectiveness is based on elimination, reduction, or control of potential risk and the approximate time frame required to achieve remediation goals.

"Economic Feasibility: - Economic feasibility is based on a comparison of cost effectiveness and cleanup effectiveness. This criterion measures the estimated costs of remedial alternatives against the relative effectiveness of the method. Expenditures evaluated include capital costs, installation costs, operation and maintenance costs, and costs associated with potential future liability.

Remedial Action Alternatives – Soil

Alternative 1 – No Action

Alternative 2 – Capping

Alternative 3 – Excavation/Disposal

Based upon an initial evaluation of potential remedial options, several alternatives may be applicable to the arsenic- and lead-contaminated soil/fill at the Klockner property. The method or methods ultimately selected for this site are contingent on many factors including; potential purchase agreements, proposed development plans, negotiated cleanup standards or objectives, technical feasibility, economic feasibility, and regulatory or administrative acceptability. The following potential remedial alternatives for the arsenic- and lead-contaminated soil/fill at the site have been selected for further evaluation.

Alternative 1 – No Action

A no action alternative was considered to establish a baseline for comparison with other alternatives. Under this option, all activities at the site with regard to remediation would be discontinued and no additional costs would be incurred. A no action alternative would not be protective of human health or the environment and would not comply with Wisconsin environmental rules.

Alternative 2 - Excavation/Disposal

Technical Feasibility

Excavation and disposal is a widely used and relatively expedient method for removing contaminated soil. Excavation of contaminated material can be extremely effective in terms of site cleanup because it can be confirmed by field screening and laboratory analysis of soil samples as the excavation proceeds. Factors that may limit the applicability of this method include volume of contaminated material requiring disposal and depth to contamination.

Implementation Feasibility

The type and concentration as well as the volume of material being excavated needs to be considered prior to implementation of this remedial method. Each one of these factors will determine the final place of disposition for the material. Metals contaminated material could be treated or directly landfilled. A backhoe and dump trucks would be the only equipment necessary and are usually readily available. Excavation activities would be completed in a short period of time and would not be a disruption to nearby businesses or residences.

Environmental Feasibility

Excavation and disposal will result in removal of acutely impacted soil from the site and in some cases may totally remove all contaminated soil depending on the extent of contamination.

Economic Feasibility

Costs for excavating and disposal of contaminated materials could range from very high to relatively low depending on the type and levels of contamination. Fees associated with non-hazardous materials as is found at this site typically include excavation, hauling, backfilling and either bioremediation or land filling at an estimated cost of $40 per ton.

Alternative 3 - Capping

Technical Feasibility

If constructed appropriately, caps can be an effective method to inhibit direct contact with contaminated materials and can also be used to protect groundwater from continued leaching of contaminants through the soil. Impermeable caps associated with site development such as paved surfaces require little maintenance. Vegetated soil requires regular maintenance to prevent erosion.

Implementation Feasibility

The end use of the property needs to be considered for its potential to implement a cap design. The cap should be incorporated as part of the site development as it will be a permanent feature of the property. Materials used for cap construction are common and readily available. If constructed appropriately, the cap would become a part of the landscaping and aesthetically pleasing to the general public. On a site that is being developed, the buildings and parking lots, as well as the landscaping, can all be integrated into the cap. Implementation of a cap on this site will be affected by the areas of underground utilities, grading cut areas, and other disturbed areas which could bring contaminated soils to the surface and potentially increase direct contact risk to workers and the public.

Environmental Feasibility

Capping can be an effective means for minimizing direct human contact to contaminated soils and mitigating vertical infiltration of precipitation through contaminated materials. Although capping does not actively remediate contamination, it does offer a means of protecting human health and the environment from residual contamination.

Economic Feasibility

Site capping is a relatively inexpensive method of site remediation. Costs for cap construction would include the materials, labor, permitting, and periodic maintenance of an impermeable or vegetative cover. Capping may be performed as a part of site development in areas where excavation or grading would not disturb contaminated site soils. Since a grading plan and utility plan have not yet been finalized, a total cap area cannot be determined at this time.

Remedial Action Alternatives - Groundwater

Alternative 1 – No Action

No Action Alternative

A no action alternative was considered to establish a baseline for comparison with other alternatives. Under this option, all activities at the site with regard to remediation would be discontinued and no additional costs would be incurred. A no action alternative is a viable alternative for this site.

Findings and Conclusions

Geology and Hydrogeology

- Subsurface information collected during this assessment indicates that the unconsolidated sediments at the site are stratified in three hydrostratigraphic units consisting of an upper sand and organic peat unit, a middle low permeability silt and clay unit, and a lower sand unit. The upper unit ranges from 12 feet to 18 feet thick and is comprised primarily of layered loose to medium dense, fine-grained silty sand, and poorly graded, brown sand with gravel. Some native and non-native fill materials, consisting of gravel, brick, metal, and slag, were encountered in most of the borings advanced at the site at depths ranging from 0 to 4 feet below ground surface.

  The upper unit includes an organic peat layer that ranges from 3 to 6 feet thick and is located between the overlying sand layers and the underlying silt and clay layer. The peat layer is absent in borings PZ-6 and PZ-8 advanced along the eastern property boundary.

  The lower permeability silt and clay unit is comprised of grayish-green, very soft to soft, non-plastic, fossiliferous (shells) silt; soft, low plasticity clay; and firm, medium to high plasticity, red clay. The silt and clay layer ranges in thickness from 13 feet in boring PZ-3 to 22 feet in boring PZ-7. Based on the geologic cross sections shown on Figure 4 and Figure 5, it appears the thickness of the clay unit is relatively consistent across the site.

  The lower sand unit consists of a very loose to medium dense, very fine grained, poorly graded, brown sand. A maximum of 11 feet of sand was encountered to the depth of exploration at 40 feet below ground surface.

- Bedrock was not encountered in any of the soil borings advanced at the site during this assessment. A geologic and well construction log for City Well #1, located 100 feet east of the site, indicates the uppermost bedrock unit below the site is Silurian age dolomite at a depth of 56 feet below ground surface.

- Water levels obtained in February 2008 from water table observation wells under static conditions indicate that depth to water ranged from 4.72 feet to 8.84 feet below ground surface. Water levels measured in piezometers under static conditions ranged from 3.88 feet to 8.23 feet. Groundwater flow in the upper unconsolidated aquifer is generally east-northeast across the site toward the Kewaunee River and Lake Michigan at an average horizontal hydraulic gradient of 0.005 ft/ft. The average horizontal groundwater flow velocity in the unconsolidated aquifer is estimated to be 0.2 feet/day, or 70 feet/year. Groundwater flow in the lower unconsolidated confined aquifer is generally east across the site toward Lake Michigan at an average horizontal hydraulic gradient of 0.01 ft/ft. The average horizontal groundwater flow velocity in the lower confined aquifer is estimated to be 0.5 feet/day, or 174 feet/year.

Soil Contamination

- Laboratory results for soil samples collected at the site indicate that trace concentrations of VOCs were detected in each of the four samples analyzed for this parameter. Low concentrations of chlorinated hydrocarbons were also detected in two of the four

samples. The highest concentrations and greatest number of constituents were detected in a soil sample collected from probe BGP-1. However, of the 14 VOCs detected, only benzene and xylene exceeded NR 720 Wisconsin Administrative Code soil standards.

- PAHs were detected in each of the nine samples submitted for PAH analysis. Of the 15 PAH constituents detected, only two exceeded suggested generic residual contaminant levels, including naphthalene and phenanthrene.

- Eleven (11) soil samples were submitted to the laboratory for metals analysis. Low levels of arsenic were detected in 9 of the 11 samples submitted for analysis at concentrations exceeding NR 720 Wisconsin Administrative Code residual contaminant levels. Arsenic concentrations in these samples ranged from 1.4 mg/Kg to 11 mg/Kg. However, the concentrations of arsenic in these samples are consistent with naturally occurring background concentrations in soil throughout Wisconsin, which are greater than the NR 720 Wisconsin Administrative Code RCL.

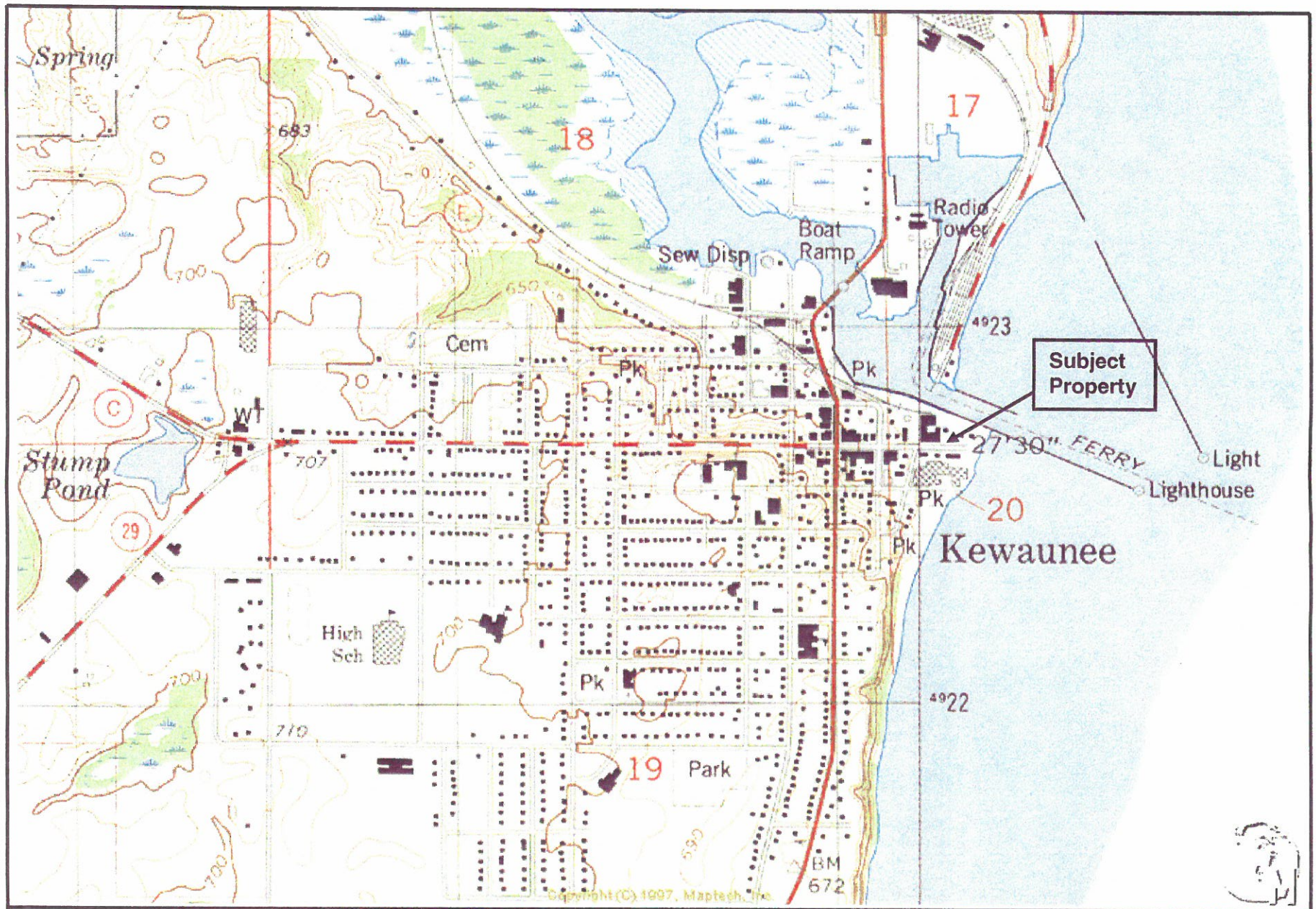
- Lead concentrations exceeded the NR 720 non-industrial RCL of 50 mg/Kg in 6 of the 11 composite soil samples analyzed for metals. Lead concentrations in these six samples ranged from 73.8 mg/Kg in a sample collected from composite sample Comp8 to 1,070 mg/Kg in a sample collected from composite sample Comp6. Concentrations of lead in soil samples comprising sample Comp6 (1,070 mg/Kg) exceeded the NR 720 industrial RCL of 500 mg/Kg. Each of the six samples exceeding NR 720 Wisconsin Administrative Code RCLs were collected from depths of 0 to 4-feet below ground surface where non-native fill materials, including metal and slag deposits, were observed.

Recommendations

Ayres Associates recommends the following based on information collected during the site assessment:

- Submit this site assessment report to the Wisconsin Department of Natural Resources.
- Implement limited remedial actions for impacted soil that are consistent with site development plans.
- Perform one to two additional rounds of groundwater sampling and analysis. If conditions remain stable, allow trace concentrations of "contaminants" in groundwater to attenuate naturally.

Figures



KEWAUNEE, WIS.

NE/4 KEWAUNEE 15' QUADRANGLE

N4422.5–W8730/7.5

1978

Figure 1 – Site Location Map
97 Ellis Street, Kewaunee, WI 54216
Hamachek-Klockner Phase 2 ESA
February 2008 – 53-0535.00

AYRES ASSOCIATES

PZ-7 MW-7

KEWAUNEE RIVER

PROPERTY LINE

PROPERTY LINE

MW-6

PZ-6

DRUM STORAGE

TELEPHONE POLE

BUTLER BUILDING

DRUMS, PAINTING

MW-2

MAIN FORMER FOUNDRY BUILDING

PZ-4

MW-4

PROPERTY LINE

CITY OF KEWAUNEE MUNICIPAL WELL #1 100 FT TO EAST

MW-1

OUTDOOR PAINTING

MW-3

PZ-3

DRUMS, PAINTING

PZ-5

MW-5

MW-8

PZ-8

FOUNDRY STORAGE

FOUNDRY STORAGE

LEGEND:

WATER TABLE OBSERVATION WELL

PIEZOMETER

QUONSET STORAGE BUILDING

OIL STAIN

MAIN FORMER FOUNDRY BUILDING

PROPERTY LINE

CITY OF KEWAUNEE MUNICIPAL WELL #2 600 FT TO SOUTH

PROPERTY LINE

NORTH

10 0 20

APPROXIMATE GRAPHIC SCALE IN FEET

ELLIS STREET

3/18/2008
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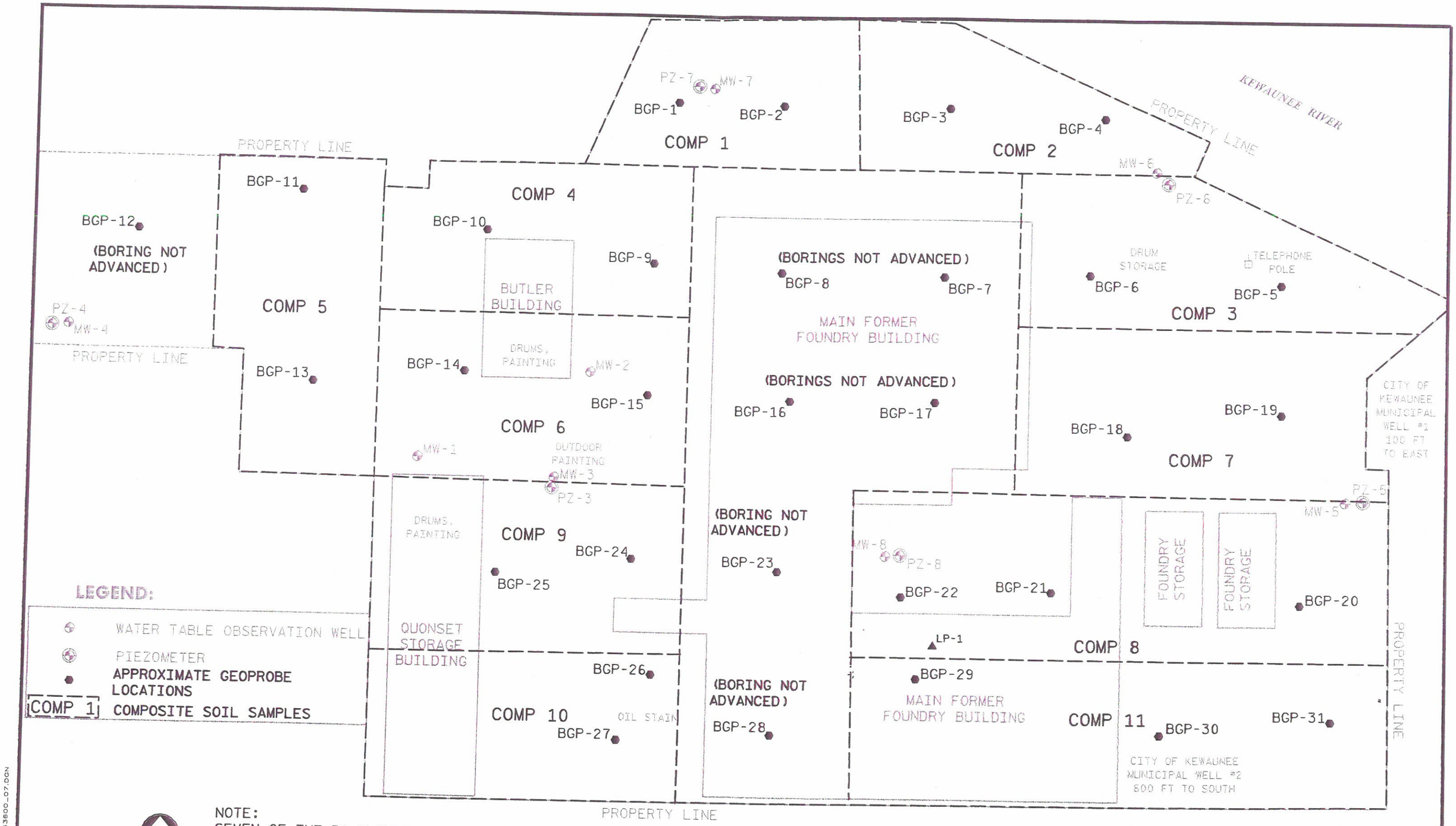
DR.BY WAH	BOOK NO.						
CHK.BY TG	JOB NO. 53-0636.00						
DATE DEC 2007	SCALE 1" = 40'	NO.	DATE	REVISION	NO.	DATE	REVISION

HAMACHEK-KLOCKNER PROPERTY
KEWAUNEE, WISCONSIN

AYRES

SITE LAYOUT MAP

DRAWING NO. 2



NOTE:
SEVEN OF THE 31 PLANNED BORING LOCATIONS COULD NOT BE ADVANCED OR SAMPLED DUE TO CONFLICTING UTILITIES AND LACK OF ACCESS INTO THE FORMER FOUNDRY BUILDING.

3/18/2008
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DR.BY WAH	BOOK NO.	NO.	DATE	REVISION	NO. DATE REVISION
CHK.BY TG	JOB NO. 53-0636.00				
DATE DEC 2007	SCALE 1" = 40'				

HAMACHEK-KLOCKNER PROPERTY
KEWAUNEE, WISCONSIN

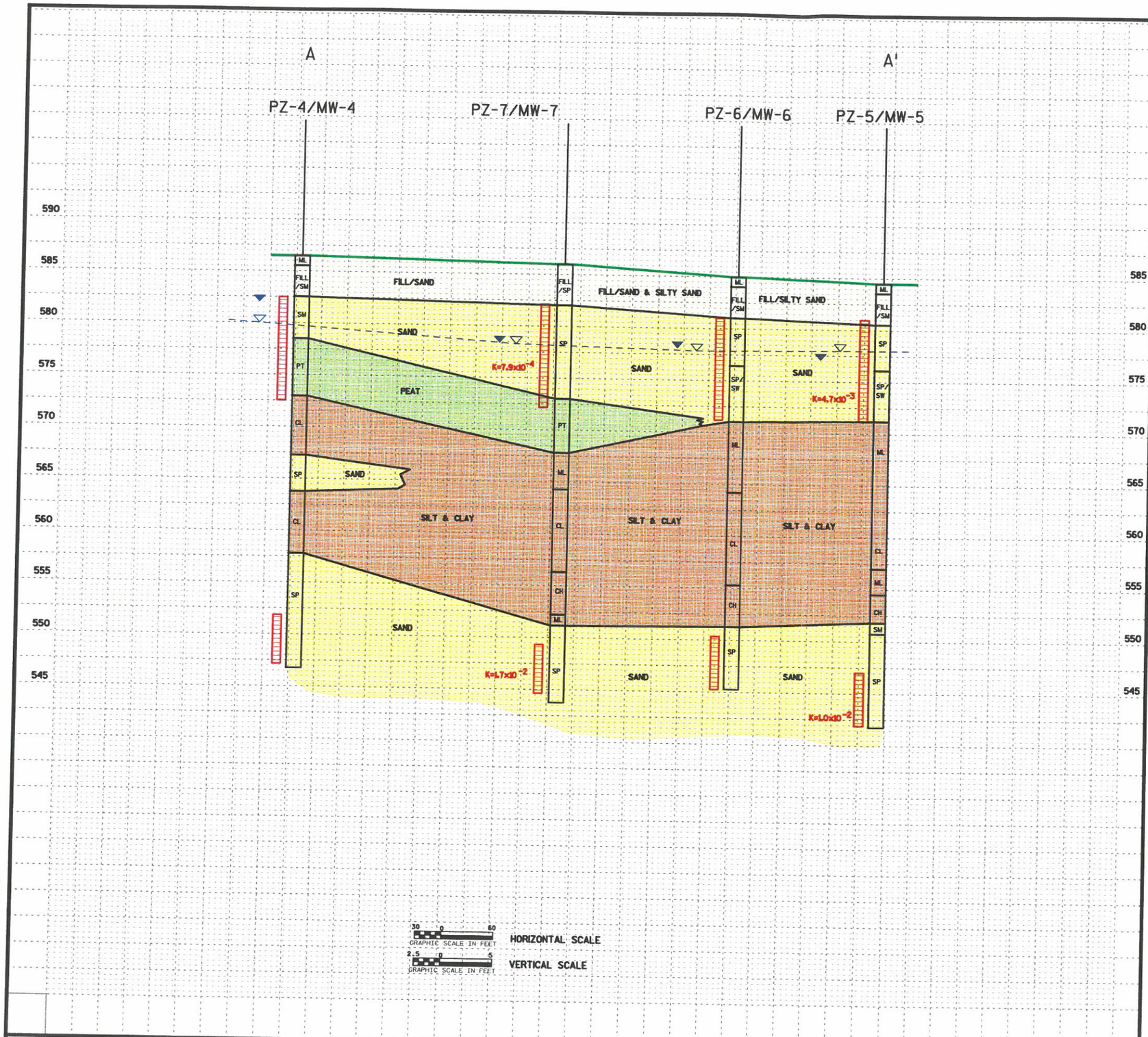
AYRES ASSOCIATES
Madison, Wisconsin

GEOPROBE AND COMPOSITE SOIL SAMPLE LOCATION MAP

DRAWING REDUCED TO ONE-HALF ORIGINAL SCALE

DRAWING NO. 3

SHEET NO. 3/7

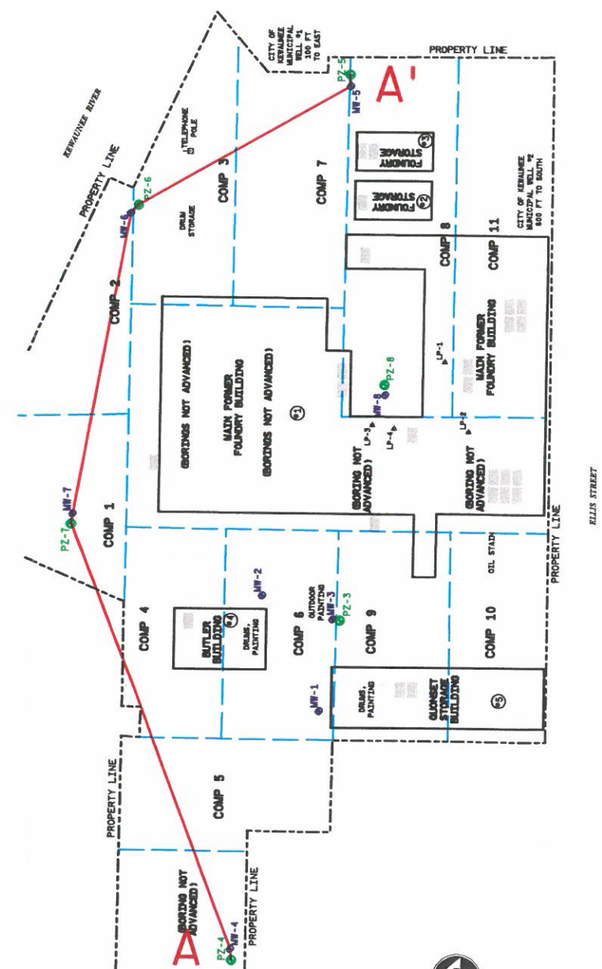


WATER LEVEL MEASURED IN WATER TABLE WELL

WATER LEVEL MEASURED IN PIEZOMETER

MONITORING WELL SCREEN INTERVAL

CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY
ML	INORGANIC SILTS AND VERY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS
SM	SILTY SANDS, SAND - SILT MIXTURES
SP	POORLY - GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
CH	INORGANIC CLAYS OF HIGH PLASTICITY
$K=4.7x10^{-3}$	HYDRAULIC CONDUCTIVITY (CM/SEC)



CROSS SECTION LOCATION MAP

NOT TO SCALE

DR.BY WAH	BOOK NO.		
CHK.BY JS	JOB NO. 53-0636.00		
DATE SEP 2006	SCALE 1" = 120'	NO. DATE REVISION	NO. DATE REVISION

HAMACHEK - KLOCKNER PROPERTY
KEWAUKEE, WISCONSIN

AYRES ASSOCIATES
Madison, Wisconsin

GEOLOGIC CROSS SECTION A - A'

DRAWING REDUCED TO ONE-HALF ORIGINAL SIZE

DRAWING NO. 4

SHEET NO. 4/7

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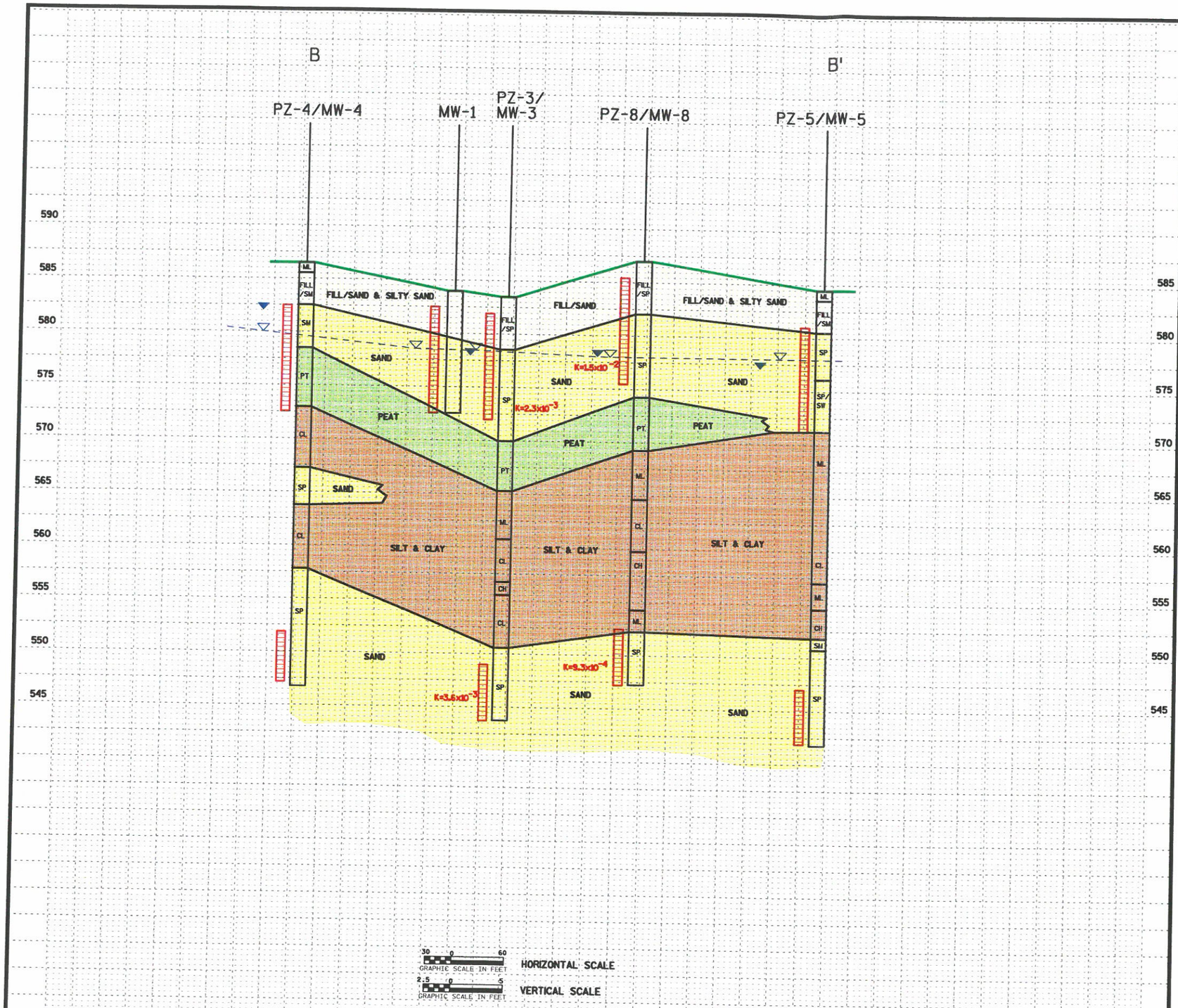
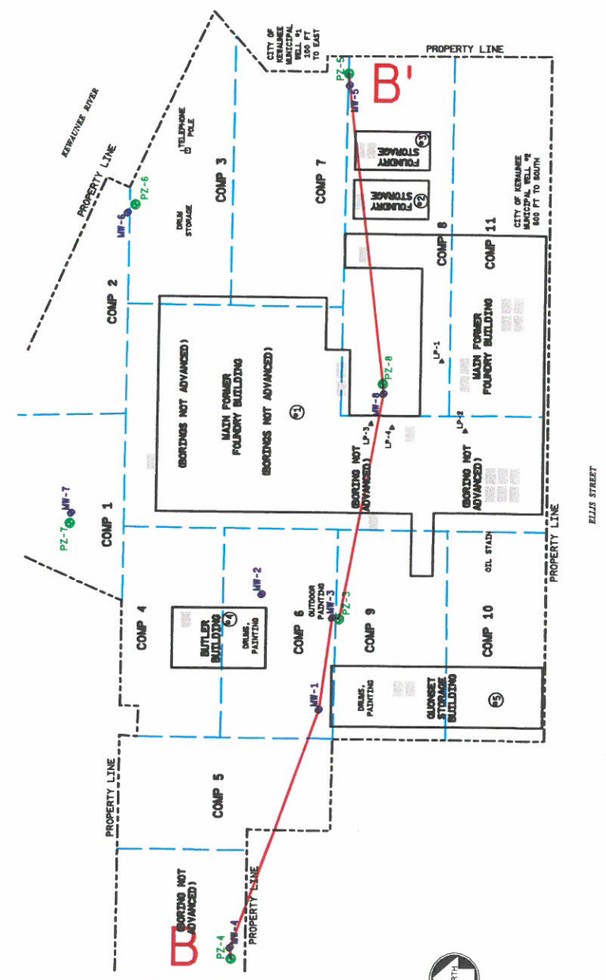


WATER LEVEL MEASURED IN WATER TABLE WELL

WATER LEVEL MEASURED IN PIEZOMETER

MONITORING WELL SCREEN INTERVAL

CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY
ML	INORGANIC SILTS AND VERY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS
SM	SILTY SANDS, SAND - SILT MIXTURES
SP	POORLY - GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
CH	INORGANIC CLAYS OF HIGH PLASTICITY
$K=3.6x10^{-3}$	HYDRAULIC CONDUCTIVITY (CM/SEC)



CROSS SECTION LOCATION MAP

NOT TO SCALE

DR.BY WAH	BOOK NO.	NO.	DATE	REVISION	NO. DATE REVISION
CHK.BY JS	JOB NO. 53-0636.00				
DATE SEP 2006	SCALE 1" = 120'				

HAMACHEK - KLOCKNER PROPERTY
KEWAUKEE, WISCONSIN

AYRES ASSOCIATES
Madison, Wisconsin

GEOLOGIC CROSS SECTION B - B'

DRAWING REDUCED TO ONE-HALF ORIGINAL SIZE

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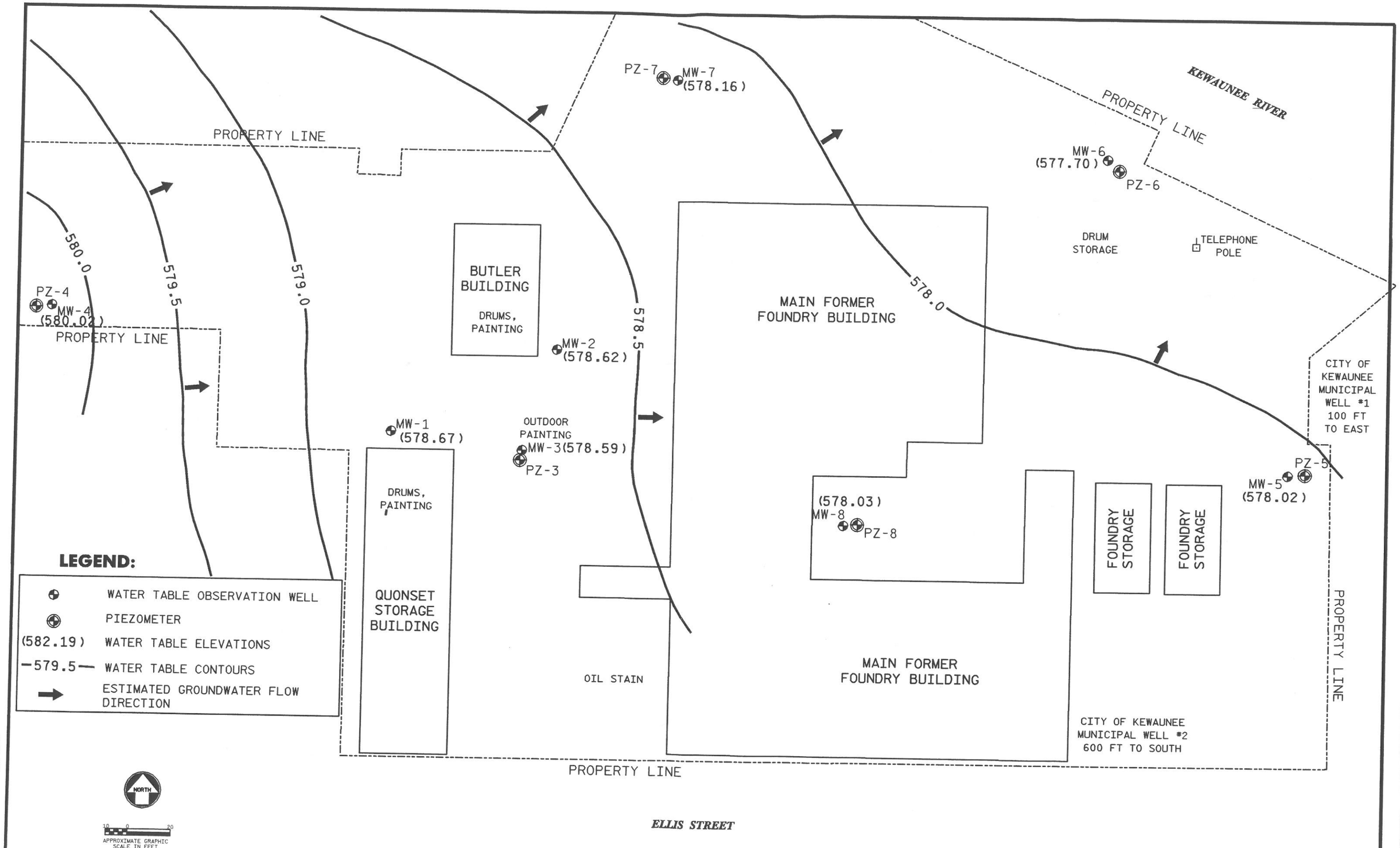

3/4/2008
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DR.BY WAH	BOOK NO.	NO.	DATE	REVISION	NO. DATE REVISION
CHK.BY TG	JOB NO. 53-0636.00				
DATE DEC 2007	SCALE 1" = 40'				

HAMACHEK-KLOCKNER PROPERTY
KEWAUNEE, WISCONSIN

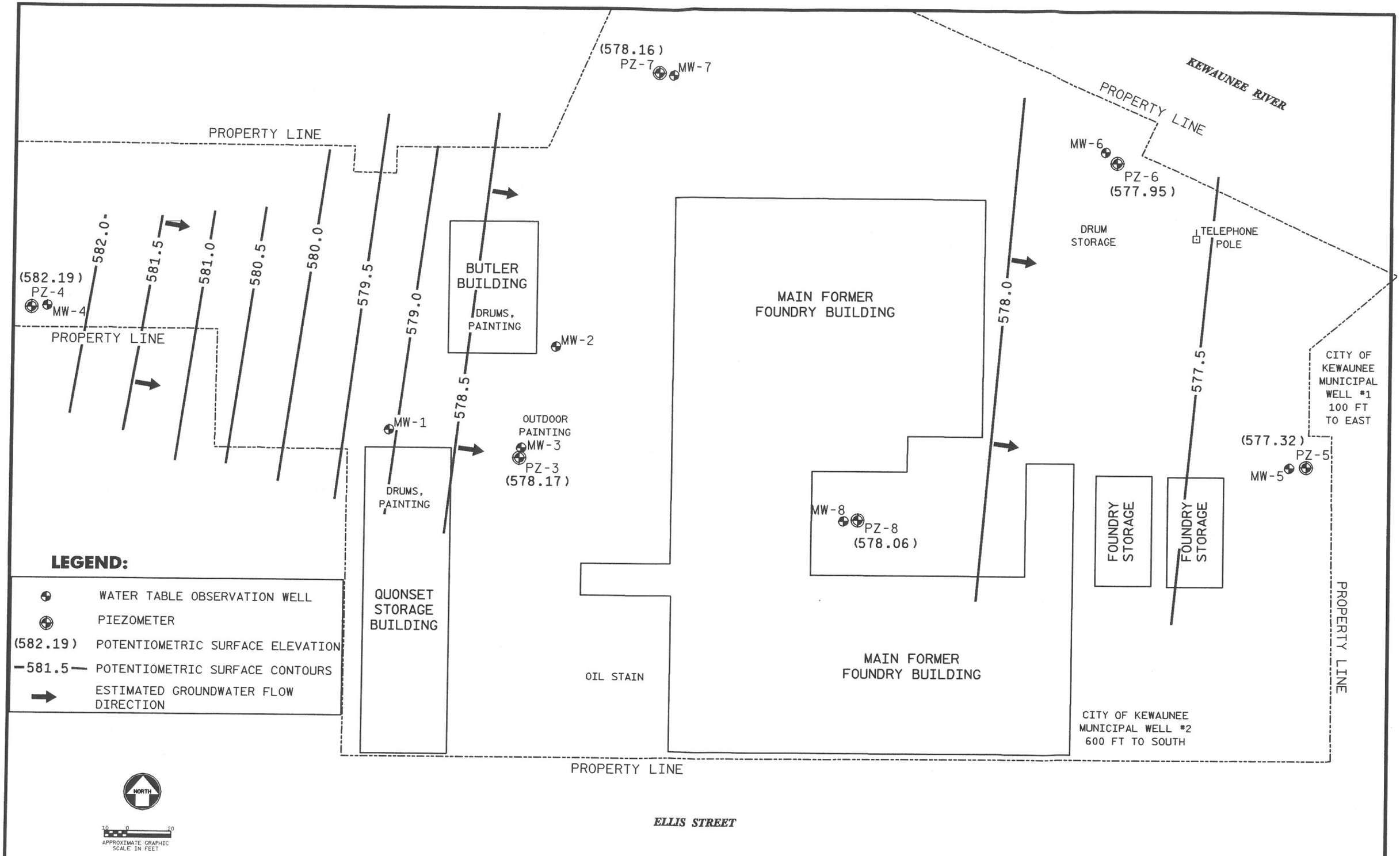
AYRES

WATER TABLE CONTOUR MAP

DRAWING REDUCED TO ONE-HALF ORIGINAL SCALE

DRAWING NO. 6

SHEET NO. 6/7



LEGEND:

⊕	WATER TABLE OBSERVATION WELL
⊕	PIEZOMETER
(582.19)	POTENTIOMETRIC SURFACE ELEVATION
—581.5—	POTENTIOMETRIC SURFACE CONTOURS
→	ESTIMATED GROUNDWATER FLOW DIRECTION

3/4/2008
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DR.BY WAH	BOOK NO.	NO.	DATE	REVISION	NO. DATE REVISION
CHK.BY TG	JOB NO. 53-0636.00				
DATE DEC 2007	SCALE 1" = 40'				

HAMACHEK-KLOCKNER PROPERTY
KEWAUNEE, WISCONSIN

AYRES

POTENTIOMETRIC SURFACE CONTOUR MAP

DRAWING REDUCED TO ONE-HALF ORIGINAL SCALE

DRAWING NO. 7

SHEET NO. 7/7

Tables

Table 1
Groundwater Elevation Data
Hamachek-Klockner Property
Kewaunee, Wiscosnin

WELL ID	Date	Top of PVC Casing Elevation (feet msl)	Static Conditions	
			Depth to Water (feet)	Groundwater Elevation (feet msl)
MW-1	2/13/2008	583.99	5.32	578.67
MW-2	2/13/2008	583.37	4.75	578.62
MW-3	2/13/2008	583.33	4.74	578.59
PZ-3	2/13/2008	582.89	4.72	578.17
MW-4	2/13/2008	585.63	5.61	580.02
PZ-4	2/13/2008	586.07	3.88	582.19
MW-5	2/13/2008	584.26	6.24	578.02
PZ-5	2/13/2008	583.95	6.63	577.32
MW-6	2/13/2008	584.58	6.88	577.70
PZ-6	2/13/2008	584.67	6.72	577.95
MW-7	2/13/2008	583.58	5.42	578.16
PZ-7	2/13/2008	583.48	5.32	578.16
MW-8	2/13/2008	586.87	8.84	578.03
PZ-8	2/13/2008	586.29	8.32	577.97

WELL ID	Date	Top of PVC Casing Elevation (feet msl)	Pumping Conditions	
			Depth to Water (feet)	Groundwater Elevation (feet msl)
MW-1	2/13/2008	583.99	5.32	578.67
MW-2	2/13/2008	583.37	4.77	578.60
MW-3	2/13/2008	583.33	4.75	578.58
PZ-3	2/13/2008	582.89	7.12	575.77
MW-4	2/13/2008	585.63	5.61	580.02
PZ-4	2/13/2008	586.07	4.13	581.94
MW-5	2/13/2008	584.26	6.25	578.01
PZ-5	2/13/2008	583.95	9.12	574.83
MW-6	2/13/2008	584.58	6.87	577.71
PZ-6	2/13/2008	584.67	9.27	575.40
MW-7	2/13/2008	583.58	5.45	578.13
PZ-7	2/13/2008	583.48	7.12	576.36
MW-8	2/13/2008	586.87	8.82	578.05
PZ-8	2/13/2008	586.29	11.13	575.16

Notes:
Monitoring wells surveyed on 2/13/2008. Wells surveyed to top of PVC casing.
Benchmark is north flange bolt top of fire hydrant located 200 feet east of Lake Street on north side of Ellis Street (Elevation 586.79 feet msl)
MSL = Mean Sea Level

Table 2
Summary of Hydraulic Conductivity Test Results
Hamachek-Klockner Property
Kewaunee, Wisconsin

Well/Test Number[1]	Hydraulic Conductivity[2] (ft/sec)	Hydraulic Conductivity[3] (cm/sec)	Material Surrounding[4] Screen (USCS)
MW-3 Slug Out	7.6×10^{-5}	2.3×10^{-3}	SP
PZ-3 Slug In	8.0×10^{-5}	2.4×10^{-3}	SP
PZ-3 Slug Out	1.2×10^{-4}	3.6×10^{-3}	SP
MW-5 Slug In	1.0×10^{-4}	3.1×10^{-3}	SP, SP/SW
MW-5 Slug Out	1.5×10^{-4}	4.7×10^{-3}	SP, SP/SW
PZ-5 Slug In	3.3×10^{-4}	1.0×10^{-2}	SP/SW
MW-7 Slug In	2.0×10^{-5}	6.1×10^{-4}	SP, PT
MW-7 Slug Out	2.6×10^{-5}	7.9×10^{-4}	SP/PT
PZ-7 Slug In	6.1×10^{-4}	1.9×10^{-2}	SP
PZ-7 Slug Out	5.5×10^{-4}	1.7×10^{-2}	SP
MW-8 Slug Out	4.8×10^{-4}	1.5×10^{-2}	SP, PT
PZ-8 Slug in	3.2×10^{-5}	9.8×10^{-4}	SP
PZ-8 Slug Out	3.1×10^{-5}	9.3×10^{-4}	SP

Notes:
[1]Slug in test = falling head test, slug out test = rising head test
[2]ft/sec = hydraulic conductivity in units of feet per second
[3]cm/sec = hydraulic conductivity in units of centimeters per second
[4]See Figure 4 for Unified Soil Classification System (USCS) soil descriptions

Table 3
Vertical Groundwater Gradient Data
Hamachek Klockner Property
Kewaunee, Wisconsin

Well Nest	Vertical Distance (feet)	Groundwater Elevation (non-pumping)	Vertical Gradient (non-pumping)	Groundwater Elevation (pumping)	Vertical Gradient (pumping)
MW-3	31	578.59	-0.013	578.58	-0.09
PZ-3		578.17		575.77	
MW-4	29	580.02	0.075	580.02	0.066
PZ-4		582.19		581.94	
MW-5	32	578.02	-0.022	578.01	-0.1
PZ-5		577.32		574.83	
MW-6	29	577.70	0.009	577.71	-0.079
PZ-6		577.95		575.40	
MW-7	31	578.16	0.000	578.13	-0.057
PZ-7		578.16		576.36	
MW-8	29	578.03	0.001	578.05	-0.1
PZ-8		578.06		575.16	

Note:
1. Negative (-) sign denotes a vertical downward gradient.
2. "Vertical distance" is distance between well screens measured at midpoint of the respective well screens.

Table 4
Summary of Soil Sample Analytical Laboratory Detections
Hamachek-Klockner Property, Kewaunae, Wisconsin
February 2008

Boring Number	Analytical Result (mg/Kg)								Soil Standards	
	BGP-1	BGP-10	BGP-22	BGP-26	Comp1	Comp2	Comp3	Comp4		
Sample Depth (feet)	0-2	0-2	0-2	0-2	0-4	0-4	0-4	0-4		
VOCs									NR 720 RCL[1]	
Acetone	<12	**0.98**	**0.68**	**0.85**	---	---	---	---	ns	
Benzene	<0.37	<0.0089	**0.018**	<0.0071	---	---	---	---	0.0055	
n-Butylbenzene	**8.4**	<0.010	<0.0080	<0.0082	---	---	---	---	ns	
sec-Butylbenzene	**2.1**	<0.0089	<0.0070	<0.0071	---	---	---	---	ns	
cis-1,2-Dichloroethene	<0.42	<0.010	<0.0080	**0.023**	---	---	---	---	ns	
Ethylbenzene	**2.0**	<0.0089	**0.029**	<0.0071	---	---	---	---	2.9	
p-Isopropyltoluene	**5.6**	<0.0089	<0.0070	<0.0071	---	---	---	---	ns	
Methylene Chloride	**6.4**	<0.028	<0.022	<0.022	---	---	---	---	ns	
Naphthalene	**4.9**	**0.045**	**0.032**	**0.026**	---	---	---	---	ns	
n-propylbenzene	**1.5**	<0.015	<0.012	<0.012	---	---	---	---	ns	
Toluene	**1.1**	**0.028**	**0.11**	**0.014**	---	---	---	---	1.5	
Trichloroethene	<0.58	<0.014	**0.013**	**0.029**	---	---	---	---	ns	
Trimethylbenzenes	**72**	**0.034**	**0.062**	<0.0061	---	---	---	---	ns	
Xylene (total)	**12.6**	**0.055**	**0.332**	<0.013	---	---	---	---	4.1	
PAHs	Analytical Result (mg/Kg)								Guidance RCLs[2]	
									GW*	Contact
1-Methylnaphthalene	---	---	---	---	**1.6**	**0.90**	---	<0.15	23	1100
2-Methylnaphthalene	---	---	---	---	**3.7**	<0.14	---	<0.15	20	600
Acenaphthene	---	---	---	---	<0.58	<0.14	---	<0.15	38	900
Acenaphthylene	---	---	---	---	<0.75	<0.18	---	<0.19	0.7	18
Anthracene	---	---	---	---	**0.88**	<0.17	---	<0.018	3000	5000
Benzo(a)anthracene	---	---	---	---	**1.5**	**0.43**	---	**0.015**	17	0.088
Benzo(a)pyrene	---	---	---	---	**1.8**	**0.44**	---	**0.062**	48	0.0088
Benzo(b)fluoranthene	---	---	---	---	**1.8**	**0.55**	---	**0.034**	360	0.088
Benzo(g,h,i)perylene	---	---	---	---	**0.99**	**0.29**	---	<0.037	6800	1.8
Benzo(k) fluoranthene	---	---	---	---	**0.68**	**0.18**	---	**0.029**	870	0.88
Chrysene	---	---	---	---	**2.0**	**0.77**	---	<0.018	37	8.8
Dibenzo(a,h)anthracene	---	---	---	---	<0.12	<0.028	---	<0.030	38	0.0088
Fluoranthene	---	---	---	---	**6.8**	**1.7**	---	**0.16**	500	600
Fluorene	---	---	---	---	**0.90**	**0.062**	---	<0.037	100	600
Indeno(1,2,3,-cd)pyrene	---	---	---	---	**1.2**	**0.33**	---	<0.018	680	0.088
Naphthalene	---	---	---	---	**7.9**	**3.5**	---	**0.70**	0.4	20
Phenanthrene	---	---	---	---	**6.2**	**1.3**	---	**0.28**	1.8	18
Pyrene	---	---	---	---	**5.2**	**1.3**	---	<0.018	8700	500
RCRA Metals	Analytical Result (mg/Kg)								NR 720 RCL[1]	
									Non-Industrial	Industrial
Arsenic	---	---	---	---	**11.6**	**2.0**	**1.4**	**0.82**	0.039	1.6
Cadmium	---	---	---	---	<0.070	<0.067	<0.0066	<0.073	8	510
Chromium	---	---	---	---	**22.1**	**6.1**	**9.5**	**6.7**	16,000	ns
Lead	---	---	---	---	**116**	**14.5**	**4.2**	**182**	50	500

BOLD	Concentation exceeds NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL)
ns	No NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL) established.
*	Residual Contaminant Level Based on Protection of Groundwater (GW)
--	Not Analyzed
<	Concentration less than laboratory method detection limit.
mg/Kg	Concentration reported as milligrams per kilogram, equivalent to parts per million (ppm).

[1]NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL)

[2]Soil standards listed for PAHs are "suggested generic residual contaminant levels" outlined in WDNR Guidance Publication (RR-519-97).

"Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons Interim Guidance (1997). This guidance does not establish or affect legal rights or obligations.

Table 4
Summary of Soil Sample Analytical Laboratory Detections
Hamachek-Klockner Property, Kewaunee, Wisconsin
February 2008

Boring Number	Analytical Result (mg/Kg)							Soil Standards	
	Comp5	Comp6	Comp7	Comp8	Comp9	Comp10	Comp11		
Sample Depth (feet)	0-4	0-4	0-4	0-4	0-4	0-4	0-4		
VOCs								NR 720 RCL[1]	
Acetone	---	---	---	---	---	---	---	ns	
Benzene	---	---	---	---	---	---	---	0.0055	
n-Butylbenzene	---	---	---	---	---	---	---	ns	
sec-Butylbenzene	---	---	---	---	---	---	---	ns	
Ethylbenzene	---	---	---	---	---	---	---	2.9	
Isopropylbenzene	---	---	---	---	---	---	---	ns	
p-Isoproyltoluene	---	---	---	---	---	---	---	ns	
Naphthalene	---	---	---	---	---	---	---	ns	
n-propylbenzene	---	---	---	---	---	---	---	ns	
Tetrachloroethene	---	---	---	---	---	---	---	ns	
Toluene	---	---	---	---	---	---	---	1.5	
1,1,1-Trichloroethane	---	---	---	---	---	---	---	ns	
Trimethylbenzenes	---	---	---	---	---	---	---	ns	
Xylene (total)	---	---	---	---	---	---	---	4.1	
								Guidance RCLs[2]	
PAHs	Analytical Result (mg/Kg)							GW*	Contact
1-Methylnaphthalene	<0.13	**0.22**	**0.18**	<0.13	---	<1.3	**0.27**	23	1100
2-Methylnaphthalene	<0.14	<0.14	<0.14	<0.14	---	<1.4	<0.028	20	600
Acenaphthene	<0.13	<0.13	<0.13	<0.13	---	<1.3	<0.027	38	900
Acenaphthylene	<0.17	<0.17	<0.17	<0.17	---	<1.7	<0.034	0.7	18
Anthracene	<0.17	**0.079**	**0.035**	**0.052**	---	<0.16	**0.026**	3000	5000
Benzo(a)anthracene	**0.027**	**0.065**	**0.096**	**0.16**	---	<0.054	**0.051**	17	0.088
Benzo(a)pyrene	**0.063**	**0.12**	**0.16**	**0.21**	---	<0.16	**0.086**	48	0.0088
Benzo(b)fluoranthene	**0.068**	**0.15**	**0.20**	**0.29**	---	**0.48**	**0.039**	360	0.088
Benzo(g,h,i)perylene	<0.034	**0.068**	**0.090**	**0.14**	---	<0.32	**0.067**	6800	1.8
Benzo(k) fluoranthene	<0.017	**0.043**	**0.057**	**0.083**	---	**0.34**	**0.035**	870	0.88
Chrysene	<0.017	**0.11**	**0.16**	**0.18**	---	<0.16	**0.1**	37	8.8
Dibenzo(a,h)anthracene	<0.028	<0.027	<0.027	<0.027	---	<0.27	<0.0055	38	0.0088
Fluoranthene	**0.19**	**0.54**	**0.48**	**0.46**	---	<0.11	**0.31**	500	600
Fluorene	<0.034	<0.033	<0.032	<0.033	---	<0.32	<0.0067	100	600
Indeno(1,2,3,-cd)pyrene	<0.017	**0.073**	**0.12**	**0.18**	---	<0.16	**0.053**	680	0.088
Naphthalene	**0.39**	**0.55**	**0.85**	**0.66**	---	<1.1	**0.74**	0.4	20
Phenanthrene	**0.17**	**0.43**	**0.32**	**0.31**	---	**0.30**	**0.29**	1.8	18
Pyrene	<0.017	**0.19**	**0.31**	**0.27**	---	<0.16	**0.074**	8700	500
								NR 720 RCL[1]	
RCRA Metals	Analytical Result (mg/Kg)							Non-Industrial	Industrial
Arsenic	**2.6**	**8.0**	<0.65	**9.4**	**2.4**	<0.63	**1.4**	0.039	1.6
Cadmium	<0.065	<0.064	<0.065	<0.065	<0.063	<0.063	<0.068	8	510
Chromium	**8.0**	**11.8**	**5.2**	**10.2**	**8.3**	**5.5**	**10.8**	16,000	ns
Lead	**37.8**	**1,070**	**18.3**	**73.8**	**230**	**19.0**	**101**	50	500

BOLD	Concentation exceeds NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL)
ns	No NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL) established.
*	Residual Contaminant Level Based on Protection of Groundwater (GW)
--	Not Analyzed
<	Concentration less than laboratory method detection limit.
mg/Kg	Concentration reported as milligrams per kilogram, equivalent to parts per million (ppm).

[1]NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL)

[2]Soil standards listed for PAHs are "suggested generic residual contaminant levels" outlined in WDNR Guidance Publication (RR-519-97).

"Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons Interim Guidance (1997). This guidance does not establish or affect legal rights or obligations.

Table 5
Summary of Groundwater Sample Analytical Laboratory Detections
Hamachek-Klockner Property, Kewaunee, Wisconsin
February 2008

Well Number	Analytical Result (µg/L)														NR 140 Groundwater Standards	
	MW-1	MW-2	MW-3	PZ-3	MW-4	PZ-4	MW-5	PZ-5	MW-6	PZ-6	MW-7	PZ-7	MW-8	PZ-8	ES	PAL
VOCs																
Bromodichloromethane	<0.21	<0.21	<0.21	<0.19	<0.19	**1.0**	<0.21	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	0.6	0.06
2-Butanone	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	**32**	<4.0	<4.0	<4.0	**6.0**	ns	ns
Carbon Disulfide	<0.50	**0.57**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1000	200
Chloroethane	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	**1.0**	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	400	80
Chloroform	<0.22	<0.22	<0.22	**1.4**	<0.22	**3.2**	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	**1.3**	6	0.6
Chloromethane	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	**0.48**	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	3	0.3
1,1-Dichloroethane	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	**0.62**	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	850	85
cis-1,2-Dichloroethene	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	**0.89**	<0.40	**0.98**	<0.40	<0.40	<0.40	<0.40	<0.40	70	7
p-Isopropyltoluene	<0.17	<0.17	<0.17	**9.3**	**8.1**	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	ns	ns
Methyl tert-butyl ether	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	**0.52**	<0.23	**0.33**	<0.23	<0.23	<0.23	**0.80**	60	12
Tetrahydrofuran	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	**28**	<4.0	<4.0	<4.0	**4.1**	50	10
Toluene	<0.20	<0.20	<0.20	**0.45**	**0.71**	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	1000	200
Vinyl Chloride	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	**0.43**	<0.15	**1.1**	<0.15	<0.15	<0.15	**5.5**	<0.15	0.2	0.02
PAHs	Analytical Result (µg/L)															
Acenaphthene	**0.51**	<0.26	<0.27	<0.26	<0.26	<0.26	**0.61**	<0.27	<0.27	<0.26	<0.26	<0.26	<0.26	---	ns	ns
Benzo(a)anthracene	**0.024**	<0.011	<0.011	<0.010	<0.010	**0.015**	<0.010	<0.011	<0.011	<0.010	<0.010	**0.040**	<0.010	---	ns	ns
Benzo(a)pyrene	<0.021	<0.021	<0.022	<0.020	<0.021	<0.021	<0.021	<0.022	<0.022	<0.021	<0.021	**0.053**	<0.021	---	0.2	0.02
Benzo(b)fluoranthene	<0.031	<0.032	<0.032	<0.031	<0.031	<0.032	<0.031	<0.032	<0.032	<0.031	<0.031	**0.032**	<0.031	---	0.2	0.02
Fluoranthene	<0.010	<0.011	<0.011	<0.010	<0.010	<0.011	<0.010	<0.011	<0.011	<0.010	<0.010	**0.23**	<0.010	---	400	80
Fluorene	**0.20**	<0.12	<0.12	<0.11	<0.11	<0.12	**0.16**	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	---	400	80
Phenanthrene	**0.13**	<0.053	<0.054	<0.051	<0.052	<0.053	<0.052	<0.054	<0.054	<0.052	<0.052	**0.38**	<0.052	---	ns	ns
Pyrene	**1.1**	**0.34**	**0.36**	<0.061	<0.063	<0.063	<0.063	<0.065	<0.065	<0.062	<0.063	**0.13**	<0.062	---	250	50
RCRA Metals (dissolved)	Analytical Result (ug/L)															
Arsenic	<0.80	<0.80	<0.80	**0.90**	**2.3**	<0.80	<0.80	**18.9**	**0.83**	**8.9**	<0.80	**2.4**	<0.80	**9.3**	10	1
Barium	**120**	**92.0**	**320**	**110**	**68.0**	**69.0**	**87.0**	**180**	**56.0**	**190**	**49.0**	**93.0**	**41.0**	**150**	2,000	400
Cadmium	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	5	1
Chromium	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	100	10
Lead	**7.0**	**3.6**	**3.6**	**3.4**	**8.8**	**4.2**	**4.4**	**5.8**	**4.0**	**4.7**	**2.3**	**3.0**	**3.5**	**6.4**	15	1.5
Mercury	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	2	0.2
Selenium	<7.0	**10.0**	<7.0	<7.0	**15.0**	<7.0	<7.0	<7.0	<7.0	<7.0	**7.5**	<7.0	<7.0	<7.0	50	10.0
Silver	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	50	10.0

BOLD	Analyte detected above laboratory method detection limit
BOLD	Exceeds NR 140 Wisconsin Administrative Code Groundwater Enforcement Standard (ES)
ns	No NR 140 Wisconsin Administrative Code Groundwater Enforcement Standard (ES) established
--	Not Analyzed
<	Concentration less than laboratory method detection limit.
µg/L	Concentration reported as micrograms per liter, equivalent to parts per billion (ppb).

Appendix A

Geologic Logs & Monitoring Well Construction/Well Development/Borehole Abandonment Forms

State of Wisconsin
Department of Natural Resources

Soil Boring Log Information
Form 4400-122 7/89

Facility Name	Job Number	License/Permit/Monitoring Number
Klockner Property	53-0636.00	

Boring Drilled by	Date Installed
Environmental Drilling Services, Inc. – (Driller)	2/4/08

Boring or Well Number	WI Unique Well Number (DNR)	Borehole Diameter (inches)	Water Level (feet)	Surface Elevation (feet)
PZ-3		4.0		

	Grid Location
SW 1/4 of SW 1/4 of Section 17 T 23 N R 25 E	_____ feet N _____ feet E

County:	County Code:	Civil Town:
Kewaunee	31	City of Kewaunee

Sample No./Depth	Rec. (in.)	Depth (ft)	Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties qu	W	LL	PL	P200	Blow Count 2" spoon
1		0-2	FILL, SAND, trace gravel, loose, dry, medium grained sand, fine to coarse grained gravel, poorly graded, no odor, brown			Fill/ SP								
2		2-4								D				
3		4-6												
4		6-8	SAND, some gravel, medium dense, saturated, fine to medium grained sand, fine to coarse grained gravel, poorly graded, angular gravel, sub rounded to rounded sand, no odor, brown			SP				M				
5		8-10								S				
6		10-12								S				
7		12-14	PEAT, organic (woody), soft, wet, no odor, dark brown			PT				S				
8		14-16												
9	0	16-18								S				
10		18-20	SILT, clayey, some white shells, very soft, non plastic, saturated, no odor, gray-green			ML				S				3,2,2,2
11		20-22								S				2,1,2,1
12		22-24	CLAY, silty to clayey silt, some wood roots, very soft, saturated non plastic, black-gray			CL				S				1,1,2,2
13		24-26								S				1,2,2,3
14		26-28	CLAY, soft, saturated, medium to high plasticity, no odor, red			CH								

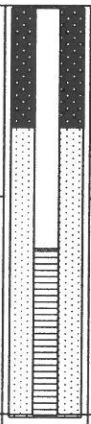
Note: Geologic data from 0-16 feet based on soil cuttings.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Jeff Sterns

Firm: Ayres Associates Inc - Madison, Wisconsin

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties : Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.

PZ-3		Depth (ft)	(JN:53-0636.00) Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties					Blow Count 2" spoon
No.	Rec.								qu	W	LL	PL	P200	
15	24	28-30	CLAY, silty, very soft, saturated, non plastic, no odor, gray-red			CL				S				3,3,3,3
16	24	30-32								S				2,1,1
17	24	32-34								S				3,3,2,2
18	24	34-36	SAND, trace silt, trace wood and shells, very loose to loose, very fine to fine grained, poorly graded, no odor, brown 6" silt seam at 30 feet			SP				S				2,3,3,4
19	18	36-38								S				3,3,4,6
20	16	38-40								S				3,3,3,4
21		40-42	EOB @ 40 feet bgs Set piezometer @ 40 feet											

State of Wisconsin
Department of Natural Resources

Soil Boring Log Information
Form 4400-122 7/89

Facility Name	Job Number	License/Permit/Monitoring Number
Klockner Property	53-0636.00	

Boring Drilled by	Date Installed
Environmental Drilling Services, Inc. – (Driller)	1/31/08

Boring or Well Number	WI Unique Well Number (DNR)	Borehole Diameter (inches)	Water Level (feet)	Surface Elevation (feet)
MW-4		4.0		

	Grid Location
SW 1/4 of SW 1/4 of Section 17 T 23 N R 25 E	_____ feet N _____ feet E

County:	County Code:	Civil Town:
Kewaunee	31	City of Kewaunee

Sample No./Depth	Rec. (in.)	Depth (ft)	Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties qu	W	LL	PL	P200	Blow Count 2" spoon
1		0-2	FILL, SILT, trace clay, no odor			ML								
2		2-4	FILL, SAND, silty, some gravel, thin black slag seams, very loose, moist, brown			SM								
3		4-6	SAND, silty, some fine to medium grained gravel, loose, moist to wet, medium to coarse gained, poorly to well graded, no odor, gray			SM								
4		6-8												
5		8-10	PEAT, organic (woody), soft, wet, no odor, dark brown			PT								
6		10-12												
7		12-14												
		14-16	CLAY, silty, low plasticity, gray			CL								
			EOB @14.5 feet bgs Set well @ 14 feet											

Geologic information obtained from soil cuttings during drilling and Alpha Terra Science geologic log for well PZ-4.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Jeff Stearns

Firm: Ayres Associates Inc - Madison, Wisconsin

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties : Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

Soil Boring Log Information
Form 4400-122 7/89

Facility Name	Job Number	License/Permit/Monitoring Number
Klockner Property	53-0636.00	

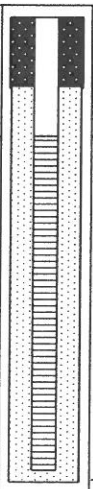
Boring Drilled by	Date Installed
Environmental Drilling Services, Inc. – (Driller)	1/31/08

Boring or Well Number	WI Unique Well Number (DNR)	Borehole Diameter (inches)	Water Level (feet)	Surface Elevation (feet)
MW-5		4.0		

	Grid Location
SW 1/4 of SW 1/4 of Section 17 T 23 N R 25 E	_____ feet N _____ feet E

County:	County Code:	Civil Town:
Kewaunee	31	City of Kewaunee

Sample No./Depth	Rec. (in.)	Depth (ft)	Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties qu	W	LL	PL	P200	Blow Count 2" spoon
1		0-2	FILL, SILT, trace clay, no odor			ML								
2		2-4	FILL, SAND, silty, thin black slag seams, very loose, moist,			SM								
3		4-6	SAND, trace silt, some fine to medium grained gravel, loose, moist to wet, medium to coarse gained, poorly to well graded, no odor, gray			SP								
4		6-8												
5		8-10	SAND and GRAVEL (dolomite), trace silt, medium dense, saturated, fine to coarse grained, poorly to well graded, rounded sand, angular gravel, no odor, gray			SP/SW								
6		10-12												
7		12-14												
			EOB @14.5 feet bgs Set well @ 14 feet											



Geologic information obtained from soil cuttings during drilling and Alpha Terra Science geologic log for well PZ-5.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Jeff Stern

Firm: Ayres Associates Inc - Madison, Wisconsin

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties : Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

Soil Boring Log Information
Form 4400-122 7/89

Facility Name	Job Number	License/Permit/Monitoring Number
Klockner Property	53-0636.00	

Boring Drilled by	Date Installed
Environmental Drilling Services, Inc. – (Driller)	1/31/08

Boring or Well Number	WI Unique Well Number (DNR)	Borehole Diameter (inches)	Water Level (feet)	Surface Elevation (feet)
MW-6		4.0		

	Grid Location
SW 1/4 of SW 1/4 of Section 17 T 23 N R 25 E	_____ feet N _____ feet E

County:	County Code:	Civil Town:
Kewaunee	31	City of Kewaunee

Sample No./ Depth	Sample Rec. (in.)	Depth (ft)	Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties qu	W	LL	PL	P200	Blow Count 2" spoon
1	18	0-2	FILL, SILT, trace clay, no odor			ML								12,10,
2	22	2-4	FILL, SAND, silty, thin black slag seams, very loose, moist,			SM				D				8,5 2,2,2,3
3	20	4-6	SAND, trace silt, some fine to medium grained gravel, loose, moist to wet, medium to coarse gained, poorly to well graded, no odor, gray			SP				M				4,4,4,5
4	21	6-8												
5	23	8-10	SAND and GRAVEL (dolomite), trace silt, medium dense, saturated, fine to coarse grained, poorly to well graded, rounded sand, angular gravel, no odor, gray			SP/ SW				S				8,12, 25,10
6	0	10-12								S				6,8, 11,15
7	24	12-14								S				0,1,0,1
			EOB @14.5 feet bgs Set well @ 14 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Jeff Stern

Firm: Ayres Associates Inc - Madison, Wisconsin

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties : Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

Soil Boring Log Information
Form 4400-122 7/89

Facility Name	Job Number	License/Permit/Monitoring Number
Klockner Property	53-0636.00	

Boring Drilled by	Date Installed
Environmental Drilling Services, Inc. – (Driller)	1/31/08

Boring or Well Number	WI Unique Well Number (DNR)	Borehole Diameter (inches)	Water Level (feet)	Surface Elevation (feet)
PZ-6		4.0		

	Grid Location
SW 1/4 of SW 1/4 of Section 17 T 23 N R 25 E	_____ feet N _____ feet E

County:	County Code:	Civil Town:
Kewaunee	31	City of Kewaunee

Sample No./Depth	Rec. (in.)	Depth (ft)	Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties qu	W	LL	PL	P200	Blow Count 2" spoon
1	18	0-2	FILL, SILT, trace clay, no odor			ML								12,10,
2	22	2-4	FILL, SAND, silty, thin black slag seams, very loose, moist,			SM				D				8,5 2,2,2,3
3	20	4-6	SAND, trace silt, some fine to medium grained gravel, loose, moist, medium to coarse gained, poorly to well graded, no odor, gray			SP				M				4,4,4,5
4	21	6-8												
5	23	8-10	SAND and GRAVEL (dolomite), trace silt, medium dense, saturated, fine to coarse grained, poorly to well graded, rounded sand, angular gravel, no odor, gray			SP/SW				S				8,12, 25,10
6	0	10-12								S				6,8,
7	24	12-14												11,15
8	23	14-16	SILT, trace to some clay, some white shells, very soft, saturated, non-plastic, no odor, gray-brown			ML				S				0,1,0,1
9	21	16-18								S				1,0,1,0
10	22	18-20	change to gray, slight plasticity, occasional fine sand partings							S				1,0,1,1
11	24	20-22								S				1,1,1,1
12	3	22-24	CLAY, silty, very soft, low plasticity, saturated, no odor, dark brown			CL				S				1,1,1,1
13	18	24-26	some white shells at 25'							S				1,2,1,1
14	16	26-28												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Jeff Steiner

Firm: Ayres Associates Inc - Madison, Wisconsin

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties : Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.

PZ-6		Depth (ft)	(JN:53-0636.00) Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties					Blow Count 2" Spoon
No.	Rec.								qu	W	LL	PL	P200	
15	24	28-30	CLAY as above, change to reddish brown at 29 feet			CL				S				2,3,4,4
16	20	30-32	CLAY, silty, firm, saturated, medium to high plasticity, no odor, red			CH				S				1,1,1,1
17	24	32-34								S				4,4,5,6
18	24	34-36	SAND, trace silt, very loose to medium dense, saturated, very fine grained, poorly graded, brown			SP				S				4,4,6,9
19	18	36-38								S				6,6,8,6
20	18	38-40								S				
			EOB @ 40 feet bgs Set piezometer @ 40 feet											

State of Wisconsin
Department of Natural Resources

Soil Boring Log Information
Form 4400-122 7/89

Facility Name	Job Number	License/Permit/Monitoring Number
Klockner Property	53-0636.00	

Boring Drilled by	Date Installed
Environmental Drilling Services, Inc. – (Driller)	2/4/08

Boring or Well Number	WI Unique Well Number (DNR)	Borehole Diameter (inches)	Water Level (feet)	Surface Elevation (feet)
MW-7		4.0		

	Grid Location
SW 1/4 of SW 1/4 of Section 17 T 23 N R 25 E	_____ feet N _____ feet E

County:	County Code:	Civil Town:
Kewaunee	31	City of Kewaunee

Sample No./Depth	Rec. (in.)	Depth (ft)	Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties qu	W	LL	PL	P200	Blow Count 2" spoon
1	0	0-2	No sample, frozen											
2	20	2-4	FILL, SAND, trace gravel, loose, dry, medium grained sand, fine to coarse grained gravel, poorly graded, no odor, brown			Fill/ SP				D				3,4,4,4
3	24	4-6								M				3,4,3,4
4	24	6-8	SAND, some gravel, medium dense, saturated, fine to medium grained sand, fine to coarse grained gravel, poorly graded, angular gravel, sub rounded to rounded sand, no odor, brown			SP				S				5,6,6,7
5	18	8-10												
6	16	10-12								S				6,6,6,6
7	20	12-14	PEAT, organic (woody), soft, wet, no odor, dark brown			PT				S				3,2,1,2
			EOB @ 14.5 feet bgs Set well @ 14 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Jeff Stern

Firm: Ayres Associates Inc - Madison, Wisconsin

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties : Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

Soil Boring Log Information
Form 4400-122 7/89

Facility Name	Job Number	License/Permit/Monitoring Number
Klockner Property	53-0636.00	

Boring Drilled by	Date Installed
Environmental Drilling Services, Inc. – (Driller)	2/4/08

Boring or Well Number	WI Unique Well Number (DNR)	Borehole Diameter (inches)	Water Level (feet)	Surface Elevation (feet)
PZ-7		4.0		

	Grid Location
SW 1/4 of SW 1/4 of Section 17 T 23 N R 25 E	_____ feet N _____ feet E

County:	County Code:	Civil Town:
Kewaunee	31	City of Kewaunee

Sample No./Depth	Rec. (in.)	Depth (ft)	Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	qu	W	LL	PL	P200	Blow Count 2" spoon
1	0	0-2	No sample, frozen											
2	20	2-4	FILL, SAND, trace gravel, loose, dry, medium grained sand, fine to coarse grained gravel, poorly graded, no odor, brown			Fill/ SP				D				3,4,4,4
3	24	4-6												
4	24	6-8	SAND, some gravel, medium dense, saturated, fine to medium grained sand, fine to coarse grained gravel, poorly graded, angular gravel, sub rounded to rounded sand, no odor, brown			SP				M				3,4,3,4
5	18	8-10								S				5,6,6,7
6	16	10-12								S				6,6,6,6
7	20	12-14	PEAT, organic (woody), soft, wet, no odor, dark brown			PT				S				3,2,1,2
8	21	14-16												
9	20	16-18								S				2,2,2,2
10	24	18-20	SILT, clayey, some white shells, very soft, non plastic, saturated, no odor, gray-green			ML				S				1,0,1,0
11	24	20-22								S				1,0,1,0
12	24	22-24	CLAY, silty, very soft, low plasticity, saturated, no odor, gray-brown			CL				S				1,0,1,0
13	24	24-26												
14	24	26-28								S				1,0,1,0

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: Ayres Associates Inc - Madison, Wisconsin

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PZ-7		Depth (ft)	(JN:53-0636.00) Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties					Blow Count 2" spoon
No.	Rec.								qu	W	LL	PL	P200	
15	24	28-30	Clay as above shell zone from 28-29 feet			CL				S				1,2,3,3
16	24	30-32	CLAY, silty, very soft, saturated, medium to high plasticity, no odor, green-red			CH				S				1,1,0,1
17	24	32-34								S				1,0,1,3
18	24	34-36	SILT, sandy, trace clay, soft, non plastic, dark brown			ML				S				0,0,0,2
19	18	36-38	SAND, trace silt, very loose to medium dense, saturated, very fine grained, poorly graded, brown			SP				S				6,6,8,9
20	16	38-40								S				3,3,3,4
21		40-42	EOB @ 40 feet bgs Set piezometer @ 40 feet											

State of Wisconsin
Department of Natural Resources

Soil Boring Log Information
Form 4400-122 7/89

Facility Name	Job Number	License/Permit/Monitoring Number
Klockner Property	53-0636.00	

Boring Drilled by	Date Installed
Environmental Drilling Services, Inc. – (Driller)	2/1/08

Boring or Well Number	WI Unique Well Number (DNR)	Borehole Diameter (inches)	Water Level (feet)	Surface Elevation (feet)
MW-8		4.0		

	Grid Location
SW 1/4 of SW 1/4 of Section 17 T 23 N R 25 E	_____ feet N _____ feet E

County:	County Code:	Civil Town:
Kewaunee	31	City of Kewaunee

Sample No./Depth	Rec. (in.)	Depth (ft)	Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties qu	W	LL	PL	P200	Blow Count 2" spoon
1	0	0-2	No sample, frozen											
2	20	2-4	FILL, SAND, trace gravel, loose, dry, medium grained sand, fine to coarse grained gravel, poorly graded, no odor, brown			Fill/ SP				D				3,4,4,4
3	24	4-6												
4	24	6-8	SAND, some gravel, medium dense, saturated, fine to medium grained sand, fine to coarse grained gravel, poorly graded, angular gravel, sub rounded to rounded sand, no odor, brown			SP				M				3,4,3,4
5	18	8-10								S				5,6,6,7
6	16	10-12								S				6,6,6,6
7	20	12-14	PEAT, organic (woody), soft, wet, no odor, dark brown			PT				S				3,2,1,2
8	21	14-16	EOB @ 14.5 feet bgs Set well @14 feet											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Jeff Stein

Firm: Ayres Associates Inc - Madison, Wisconsin

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties : Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

Soil Boring Log Information
Form 4400-122 7/89

Facility Name	Job Number	License/Permit/Monitoring Number
Klockner Property	53-0636.00	

Boring Drilled by	Date Installed
Environmental Drilling Services, Inc. – (Driller)	2/1/08

Boring or Well Number	WI Unique Well Number (DNR)	Borehole Diameter (inches)	Water Level (feet)	Surface Elevation (feet)
PZ-8		4.0		

	Grid Location
SW 1/4 of SW 1/4 of Section 17 T 23 N R 25 E	_____ feet N _____ feet E

County:	County Code:	Civil Town:
Kewaunee	31	City of Kewaunee

Sample No./Depth	Rec. (in.)	Depth (ft)	Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties qu	W	LL	PL	P200	Blow Count 2" spoon
1	0	0-2	No sample, frozen											
2	20	2-4	FILL, SAND, trace gravel, loose, dry, medium grained sand, fine to coarse grained gravel, poorly graded, no odor, brown			Fill/ SP				D				3,4,4,4
3	24	4-6												
4	24	6-8	SAND, some gravel, medium dense, saturated, fine to medium grained sand, fine to coarse grained gravel, poorly graded, angular gravel, sub rounded to rounded sand, no odor, brown			SP				M				3,4,3,4
5	18	8-10								S				5,6,6,7
6	16	10-12								S				6,6,6,6
7	20	12-14	PEAT, organic (woody), soft, wet, no odor, dark brown			PT				S				3,2,1,2
8	21	14-16												
9	20	16-18								S				2,2,2,2
10	24	18-20	SILT, clayey, some white shells, very soft, non plastic, saturated, no odor, gray-green			ML				S				1,0,1,0
11	24	20-22								S				1,0,1,0
12	24	22-24	CLAY, silty, very soft, low plasticity, saturated, no odor, gray-brown			CL				S				1,0,1,0
13	24	24-26												
14	24	26-28								S				1,0,1,0

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: Ayres Associates Inc - Madison, Wisconsin

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties : Forfeit not less than $10 nor more than $5,000 for each violation. Fine not less than $10 or more than $100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.

PZ-8		Depth (ft)	(JN:53-0636.00) Soil / Rock Description	Well Diagram	Graphic Log	USCS	RQD	PID	Soil Properties					Blow Count 2" spoon
No.	Rec.								qu	W	LL	PL	P200	
15	24	28-30	Clay as above shell zone from 28-29 feet			CL				S				1,2,3,3
16	24	30-32	CLAY, silty, very soft, saturated, medium to high plasticity, no odor, green-red			CH				S				1,1,0,1
17	24	32-34								S				1,0,1,3
18	24	34-36	SILT, sandy, trace clay, soft, non plastic, dark brown			ML				S				0,0,0,2
19	18	36-38	SAND, trace silt, very loose to medium dense, saturated, very fine grained, poorly graded, brown			SP				S				6,6,8,9
20	16	38-40								S				3,3,3,4
21		40-42	EOB @ 40 feet bgs Set piezometer @ 40 feet											

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ■ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Hamacker - Klockner	Local Grid Location of Well: ft. ☐N. ☐S. ft. ☐E. ☐W.	Well Name: P23
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VW063 / DNR Well ID No.:
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed: 02/04/2008 (m m d d y y y y)
Type of Well: Well Code P2 /	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec. 17, T. 23 N, R. 25 ■E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant, EDS
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient, s ☐ Sidegradient, d ☐ Downgradient, n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ft. MSL

B. Well casing, top elevation ft. MSL

C. Land surface elevation ft. MSL

D. Surface seal, bottom ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ■ 41; Other ☐

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ■ 99

16. Drilling additives used? ☐ Yes ■ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ft. MSL or 1 ft.

F. Fine sand, top ft. MSL or 31 ft.

G. Filter pack, top ft. MSL or 33 ft.

H. Screen joint, top ft. MSL or 35 ft.

I. Well bottom ft. MSL or 40 ft.

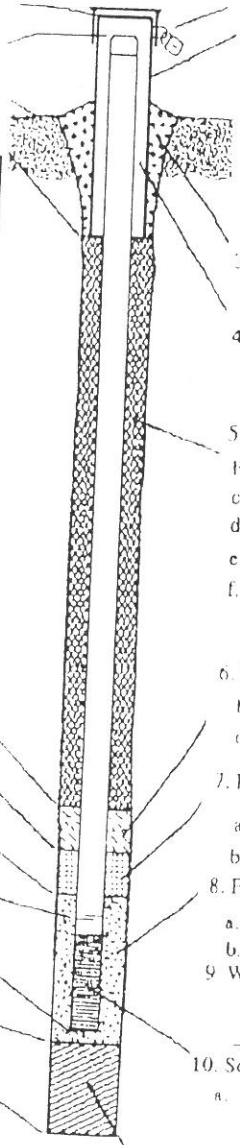
J. Filter pack, bottom ft. MSL or 40 ft.

K. Borehole, bottom ft. MSL or 42 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.



1. Cup and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ■ 04; Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 30; Concrete ■ 01; Other ☐

4. Material between well casing and protective pipe: Bentonite ■ 30; Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ■ 33
b. Lbs/gal mud weight . . . Bentonite sand slurry ☐ 35
c. Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. % Bentonite . . . . . Bentonite cement grout ☐ 50
e. Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ■ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ■3/8 in. ☐1/2 in. Bentonite chips ■ 32
c. Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. 40-60 Badger
b. Volume added .5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20-40 Badger
b. Volume added 3 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐

10. Screen material: PVC
a. Screen type: Factory cut ■ 11; Continuous slot ☐ 01; Other ☐
b. Manufacturer
c. Slot size: 0.010 in.
d. Slotted length: 5 ft.

11. Backfill material (below filter pack): None ■ 14; Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: EDS, LLC

Please complete both forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ■ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Hamacker - Klockner	Local Grid Location of Well: ft. ☐N. ☐S. ft. ☐E. ☐W.	Well Name: MW4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or St. Plane ft. N, ft. E. S/C/N	Wis. Unique Well No.: VW038 / DNR Well ID No.
Facility ID		Date Well Installed: 01/31/2008 (m m d d y y y y)
Type of Well: Well Code MW	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec. 17 T. 23 N. R. 25 ■E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant, EDS
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ft. MSL

B. Well casing, top elevation ft. MSL

C. Land surface elevation ft. MSL

D. Surface seal, bottom ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ■ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
SM ■ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ■ No

14. Drilling method used. Rotary ☐ 5 0
Hollow Stem Auger ■ 4 1
Other ☐

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ■ 9 9

16. Drilling additives used? ☐ Yes ■ No
Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ft. MSL or 1 ft.

F. Fine sand, top ft. MSL or 3 ft.

G. Filter pack, top ft. MSL or 3 ft.

H. Screen joint, top ft. MSL or 4 ft.

I. Well bottom ft. MSL or 14.0 ft.

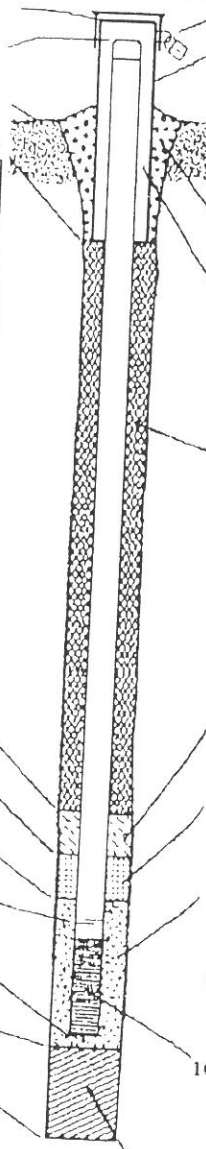
J. Filter pack, bottom ft. MSL or 14.5 ft.

K. Borehole, bottom ft. MSL or 14.5 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.



1. Cup and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ■ 0 4 / Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 3 0 / Concrete ■ 0 1 / Other ☐

4. Material between well casing and protective pipe: Bentonite ■ 3 0 / Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ■ 3 3
b. Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. Lbs/gal mud weight . . . . . Bentonite slurry ☐ 3 1
d. % Bentonite . . . . . Bentonite cement grout ☐ 5 0
e. Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1 / Tremie pumped ☐ 0 2 / Gravity ■ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐1/4 in. ■3/8 in. ☐1/2 in. Bentonite chips ■ 3 2
c. Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. 40-60 Badger
b. Volume added .5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20-40-Badger
b. Volume added 4 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 2 3 / Flush threaded PVC schedule 80 ☐ 2 4 / Other ☐

10. Screen material: PVC
a. Screen type: Factory cut ■ 1 1 / Continuous slot ☐ 0 1 / Other ☐
b. Manufacturer
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ■ 1 4 / Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: EDS, LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Hamacker - Klockner	Local Grid Location of Well: ft. ☐ N. ☐ S. ft. ☐ E. ☐ W.	Well Name: MW5
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or St. Plane ft. N. ft. E. S/C/N	Wis. Unique Well No.: VW039 / DNR Well ID No.
Facility ID		Date Well Installed: 01/31/2008 (m m d d y y y y)
Type of Well: Well Code MW /	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec. 17 T. 23 N. R. 25 ■ E. ☐ W.	Well Installed By: Name (first, last) and Firm: Craig Plant, EDS
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ft. MSL

B. Well casing, top elevation ft. MSL

C. Land surface elevation ft. MSL

D. Surface seal, bottom ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
SM ■ SC ☐ ML ■ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ■ 41; Other ☐

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ■ 99

16. Drilling additives used? ☐ Yes ■ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ft. MSL or 1 ft.

F. Fine sand, top ft. MSL or 3 ft.

G. Filter pack, top ft. MSL or 3 ft.

H. Screen joint, top ft. MSL or 4.0 ft.

I. Well bottom ft. MSL or 14.0 ft.

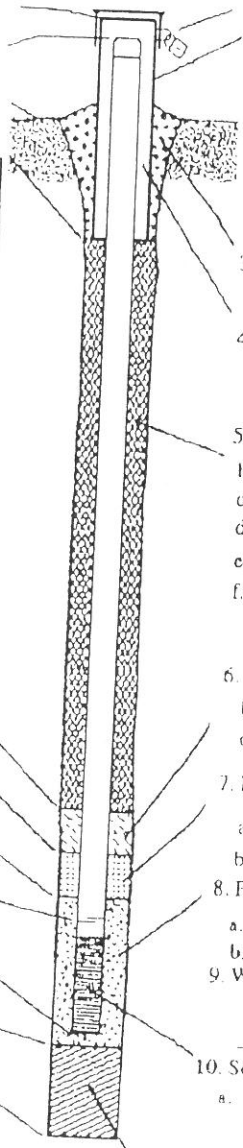
J. Filter pack, bottom ft. MSL or 14.5 ft.

K. Borehole, bottom ft. MSL or 14.5 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.



1. Cup and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ■ 04; Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 30; Concrete ■ 01; Other ☐

4. Material between well casing and protective pipe: Bentonite ■ 30; Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ■ 33
b. Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. % Bentonite . . . . . Bentonite cement grout ☐ 50
e. Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ■ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ■ 3/8 in. ☐ 1/2 in. Bentonite chips ■ 32
c. Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. 40-60 Badger
b. Volume added .5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20-40 Badger
b. Volume added 4 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐

10. Screen material: PVC
a. Screen type: Factory cut ■ 11; Continuous slot ☐ 01; Other ☐
b. Manufacturer
c. Slot size: .010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ■ 14; Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: EDS, LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ■ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Hamacker - Klockner	Local Grid Location of Well: ft. ☐N. ☐S. ft. ☐E. ☐W.	Well Name: MW6
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VW035 / DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed: 02/05/2008 (m m d d y y y y)
Type of Well: Well Code MW /	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec. 17 T. 23 N. R. 25 ■E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant, EDS
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient, s ☐ Sidegradient, d ☐ Downgradient, n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ft. MSL

B. Well casing, top elevation ft. MSL

C. Land surface elevation ft. MSL

D. Surface seal, bottom ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ■ SW ■ SP ■
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 5 0; Hollow Stem Auger ■ 4 1; Other ☐

15. Drilling fluid used: Water ☐ 0 2; Air ☐ 0 1; Drilling Mud ☐ 0 3; None ■ 9 9

16. Drilling additives used? ☐ Yes ■ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ft. MSL or 1 ft.

F. Fine sand, top ft. MSL or 3 ft.

G. Filter pack, top ft. MSL or 3 ft.

H. Screen joint, top ft. MSL or 4 ft.

I. Well bottom ft. MSL or 14.0 ft.

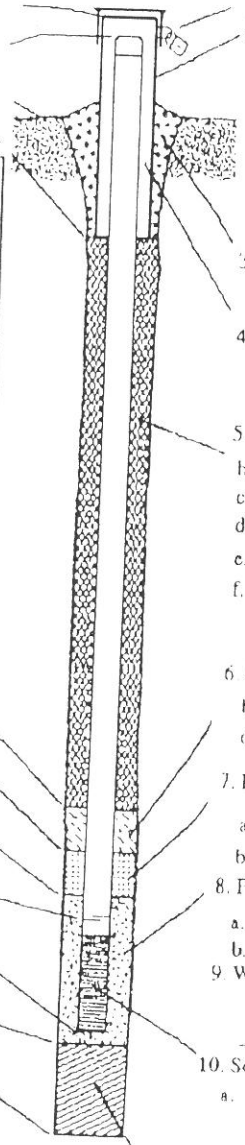
J. Filter pack, bottom ft. MSL or 14.5 ft.

K. Borehole, bottom ft. MSL or 14.5 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.



1. Cup and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ■ 0 4; Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 3 0; Concrete ■ 0 1; Other ☐

4. Material between well casing and protective pipe: Bentonite ■ 3 0; Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ■ 3 3
b. Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. Lbs/gal mud weight . . . . . Bentonite slurry ☐ 3 1
d. % Bentonite . . . . . Bentonite cement grout ☐ 5 0
e. Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1; Tremie pumped ☐ 0 2; Gravity ■ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐1/4 in. ■3/8 in. ☐1/2 in. Bentonite chips ■ 3 2
c. Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. 40-60 Badger
b. Volume added .5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20-40-Badger
b. Volume added 4 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 2 3; Flush threaded PVC schedule 80 ☐ 2 4; Other ☐

10. Screen material: PVC
a. Screen type: Factory cut ■ 1 1; Continuous slot ☐ 0 1; Other ☐
b. Manufacturer
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ■ 1 4; Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: EDS, LLC

Please complete both Form 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ■ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

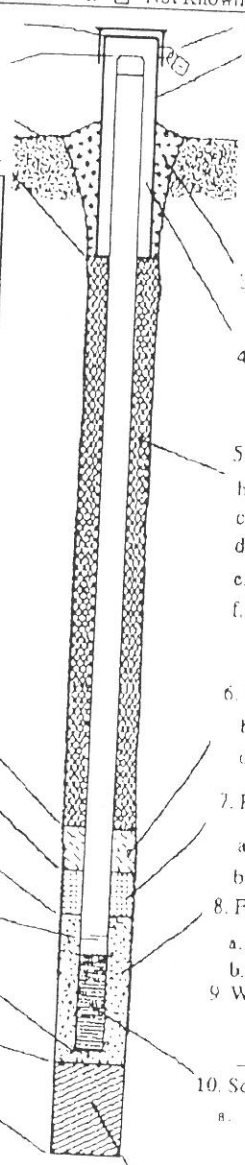
Facility/Project Name: Hamacker - Klockner	Local Grid Location of Well: ft. ☐N. ☐S. ft. ☐E. ☐W.	Well Name: PZ6
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VW034 / DNR Well ID No.
Facility ID	St. Plane ft. N. ft. E. S/C/N	Date Well Installed: 02/01/2008 (m m d d y y y y)
Type of Well: Well Code PZ /	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec. 17 T. 23 N. R. 25 ☐E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant, EDS
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ft. MSL

B. Well casing, top elevation ft. MSL

C. Land surface elevation ft. MSL

D. Surface seal, bottom ft. MSL or 1 ft.



1. Cup and lock? ■ Yes ☐ No
2. Protective cover pipe:
   a. Inside diameter: 8 in.
   b. Length: 1 ft.
   c. Material: Steel ■ 04; Other ☐
   d. Additional protection? ☐ Yes ■ No
   If yes, describe:
3. Surface seal: Bentonite ☐ 30; Concrete ■ 01; Other ☐
4. Material between well casing and protective pipe: Bentonite ■ 30; Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ■ 33
   b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
   c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
   d. ____ % Bentonite . . . . . Bentonite cement grout ☐ 50
   e. ____ Ft^3 volume added for any of the above
   f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ■ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
   b. ☐1/4 in. ■3/8 in. ☐1/2 in. Bentonite chips ■ 32
   c. Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
   a. 40-60 Badger
   b. Volume added .5 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
   a. 20-40-Badger
   b. Volume added 3 ft^3
9. Well casing: Flush threaded PVC schedule 40 ■ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐
10. Screen material: PVC
    a. Screen type: Factory cut ■ 11; Continuous slot ☐ 01; Other ☐
    b. Manufacturer
    c. Slot size: 0.010 in.
    d. Slotted length: 5 ft.
11. Backfill material (below filter pack): None ■ 14; Other ☐

12. USCS classification of soil near screen:
    GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
    SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
    Bedrock ☐
13. Sieve analysis performed? ☐ Yes ■ No
14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ■ 41; Other ☐
15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ■ 99
16. Drilling additives used? ☐ Yes ■ No
    Describe
17. Source of water (attach analysis, if required):

E. Bentonite seal, top ft. MSL or 1 ft.

F. Fine sand, top ft. MSL or 31 ft.

G. Filter pack, top ft. MSL or 33 ft.

H. Screen joint, top ft. MSL or 35 ft.

I. Well bottom ft. MSL or 40 ft.

J. Filter pack, bottom ft. MSL or 42 ft.

K. Borehole, bottom ft. MSL or 42 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	EDS, LLC

Please complete both Form 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ■ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

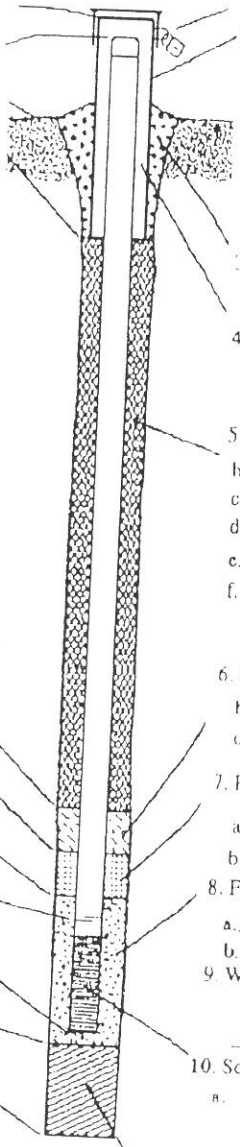
Facility/Project Name: Hamacker - Klockner	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW7
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___° ___' ___" Long. ___° ___' ___" or	Wis. Unique Well No.: VW061 / DNR Well ID No.:
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 01/31/2008 (m m d d y y y y)
Type of Well: Well Code MW /	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec. 17 T. 23 N. R. 25 ■E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant, EDS
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient, s ☐ Sidegradient, d ☐ Downgradient, n ☐ Not Known	Gov. Lot Number:

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or 1 ft.



1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
   a. Inside diameter: 8 in.
   b. Length: 1 ft.
   c. Material: Steel ■ 04; Other ☐
   d. Additional protection? ☐ Yes ■ No
   If yes, describe: _____
3. Surface seal: Bentonite ☐ 30; Concrete ■ 01; Other ☐
4. Material between well casing and protective pipe: Bentonite ■ 30; Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ■ 33
   b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
   c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
   d. ____ % Bentonite . . . . . Bentonite cement grout ☐ 50
   e. ____ Ft^3 volume added for any of the above
   f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ■ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
   b. ☐1/4 in. ■3/8 in. ☐1/2 in. Bentonite chips ■ 32
   c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
   a. 40-60 Badger
   b. Volume added .5 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
   a. 20-40-Badger
   b. Volume added 4 ft^3
9. Well casing: Flush threaded PVC schedule 40 ■ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐
10. Screen material: PVC
    a. Screen type: Factory cut ■ 11; Continuous slot ☐ 01; Other ☐
    b. Manufacturer _____
    c. Slot size: 0.010 in.
    d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ■ 14; Other ☐

12. USCS classification of soil near screen:
    GP ☐ GM ☐ GC ☐ GW ☐ SW ■ SP ☐
    SM ■ SC ☐ ML ■ MH ☐ CL ☐ CH ☐
    Bedrock ☐
13. Sieve analysis performed? ☐ Yes ■ No
14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ■ 41; Other ☐
15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ■ 99
16. Drilling additives used? ☐ Yes ■ No
    Describe _____
17. Source of water (attach analysis, if required): _____

E. Bentonite seal, top ____ ft. MSL or 1 ft.

F. Fine sand, top ____ ft. MSL or 3 ft.

G. Filter pack, top ____ ft. MSL or 3 ft.

H. Screen joint, top ____ ft. MSL or 4 ft.

I. Well bottom ____ ft. MSL or 14 ft.

J. Filter pack, bottom ____ ft. MSL or 14.5 ft.

K. Borehole, bottom ____ ft. MSL or 14.5 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: EDS, LLC

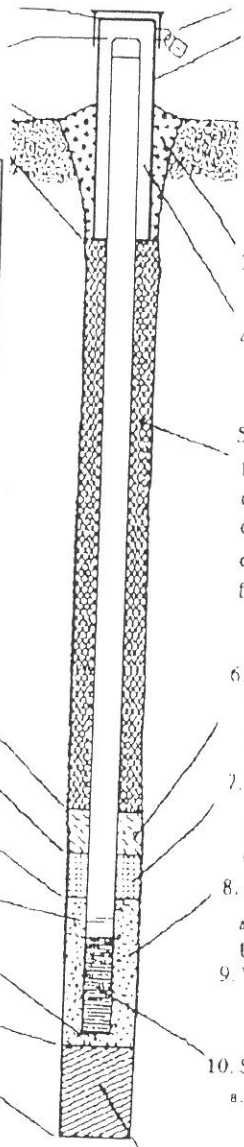
Please complete both Form 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ■ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Hamacker - Klockner	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: P2-7
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___° ___' ___" Long. ___° ___' ___" or	Wis. Unique Well No.: VW060 / DNR Well ID No.:
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 02/04/2008 (m m d d y y y y)
Type of Well: Well Code P2 /	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec. 17 T. 23 N, R. 25 ■E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant, EDS
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number:



A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or ___1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 5 0; Hollow Stem Auger ■ 4 1; Other ☐ ____

15. Drilling fluid used: Water ☐ 0 2; Air ☐ 0 1; Drilling Mud ☐ 0 3; None ■ 9 9

16. Drilling additives used? ☐ Yes ■ No
Describe ____

17. Source of water (attach analysis, if required): ____

E. Bentonite seal, top ____ ft. MSL or ___1 ft.

F. Fine sand, top ____ ft. MSL or 33 ft.

G. Filter pack, top ____ ft. MSL or 35 ft.

H. Screen joint, top ____ ft. MSL or 37 ft.

I. Well bottom ____ ft. MSL or 42 ft.

J. Filter pack, bottom ____ ft. MSL or 42.5 ft.

K. Borehole, bottom ____ ft. MSL or 42.5 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.

1. Cap and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ■ 0 4; Other ☐ ____
d. Additional protection? ☐ Yes ■ No
If yes, describe: ____

3. Surface seal: Bentonite ☐ 3 0; Concrete ■ 0 1; Other ☐ ____

4. Material between well casing and protective pipe: Bentonite ■ 3 0; Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ■ 3 3
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 3 1
d. ____ % Bentonite . . . . . Bentonite cement grout ☐ 5 0
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1; Tremie pumped ☐ 0 2; Gravity ■ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐1/4 in. ■3/8 in. ☐1/2 in. Bentonite chips ■ 3 2
c. ____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. 40-60 Badger
b. Volume added .5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20-40 Badger
b. Volume added 3 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 2 3; Flush threaded PVC schedule 80 ☐ 2 4; Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ■ 1 1; Continuous slot ☐ 0 1; Other ☐ ____
b. Manufacturer ____
c. Slot size: 0.010 in.
d. Slotted length: 5 ft.

11. Backfill material (below filter pack): None ■ 1 4; Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: EDS, LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ■ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Hamacker - Klockner	Local Grid Location of Well: ft. ☐N. ☐S. ft. ☐E. ☐W.	Well Name: MW8
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VW037 / DNR Well ID No.
Facility ID	St. Plane ft. N, ft. E. S/C/N	Date Well Installed: 01/31/2008 (m m d d y y y y)
Type of Well: Well Code MW /	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec. 17 T. 23 N, R. 25 ■E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant, EDS
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ft. MSL

B. Well casing, top elevation ft. MSL

C. Land surface elevation ft. MSL

D. Surface seal, bottom ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 5 0; Hollow Stem Auger ■ 4 1; Other ☐

15. Drilling fluid used: Water ☐ 0 2; Air ☐ 0 1; Drilling Mud ☐ 0 3; None ■ 9 9

16. Drilling additives used? ☐ Yes ■ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ft. MSL or 1 ft.

F. Fine sand, top ft. MSL or 3 ft.

G. Filter pack, top ft. MSL or 3 ft.

H. Screen joint, top ft. MSL or 4 ft.

I. Well bottom ft. MSL or 14.0 ft.

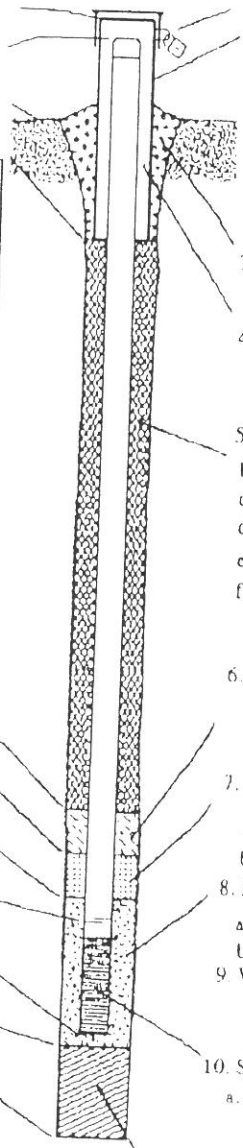
J. Filter pack, bottom ft. MSL or 14.5 ft.

K. Borehole, bottom ft. MSL or 14.5 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.



1. Cup and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ■ 0 4; Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 3 0; Concrete ■ 0 1; Other ☐

4. Material between well casing and protective pipe: Bentonite ■ 3 0; Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ■ 3 3
b. Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. Lbs/gal mud weight . . . . . Bentonite slurry ☐ 3 1
d. % Bentonite . . . . . Bentonite cement grout ☐ 5 0
e. Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1; Tremie pumped ☐ 0 2; Gravity ■ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐1/4 in. ■3/8 in. ☐1/2 in. Bentonite chips ■ 3 2
c. Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. 40-60 Badger
b. Volume added .5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20-40 Badger
b. Volume added 4 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 2 3; Flush threaded PVC schedule 80 ☐ 2 4; Other ☐

10. Screen material: PVC
a. Screen type: Factory cut ■ 1 1; Continuous slot ☐ 0 1; Other ☐
b. Manufacturer
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ■ 1 4; Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: EDS, LLC

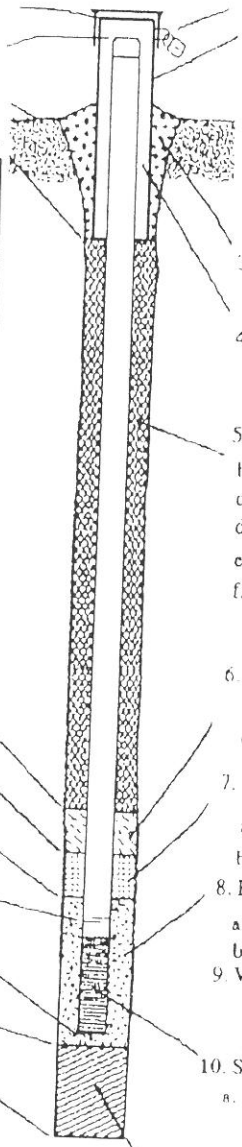
Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ■ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Hamacker - Klockner	Local Grid Location of Well: ft. ☐N ☐S, ft. ☐E ☐W	Well Name: P2-8
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane ft. N, ft. E. S/C/N	Date Well Installed: 07 01 2008 (m m d d y y y y)
Type of Well: Well Code P2 /	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec. 17 T. 23 N, R. 25 ■E ☐W	Well Installed By: Name (first, last) and Firm: Craig Plant, EDS
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient, s ☐ Sidegradient, d ☐ Downgradient, n ☐ Not Known	Gov. Lot Number



A. Protective pipe, top elevation ft. MSL

B. Well casing, top elevation ft. MSL

C. Land surface elevation ft. MSL

D. Surface seal, bottom ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
SM ☐ SC ☐ ML ■ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 5 0; Hollow Stem Auger ■ 4 1; Other ☐

15. Drilling fluid used: Water ☐ 0 2; Air ☐ 0 1; Drilling Mud ☐ 0 3; None ■ 9 9

16. Drilling additives used? ☐ Yes ■ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ft. MSL or 1 ft.

F. Fine sand, top ft. MSL or 31 ft.

G. Filter pack, top ft. MSL or 33 ft.

H. Screen joint, top ft. MSL or 35 ft.

I. Well bottom ft. MSL or 40 ft.

J. Filter pack, bottom ft. MSL or 42 ft.

K. Borehole, bottom ft. MSL or 42 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.03 in.

1. Cup and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ■ 0 4; Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 3 0; Concrete ■ 0 1; Other ☐

4. Material between well casing and protective pipe: Bentonite ■ 3 0; Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ■ 3 3
b. Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. Lbs/gal mud weight . . . . . Bentonite slurry ☐ 3 1
d. % Bentonite . . . . . Bentonite cement grout ☐ 5 0
e. Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1; Tremie pumped ☐ 0 2; Gravity ■ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐1/4 in. ■3/8 in. ☐1/2 in. Bentonite chips ■ 3 2
c. Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. 40-60 Badger
b. Volume added .5 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. 20-40-Badger
b. Volume added 3 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 2 3; Flush threaded PVC schedule 80 ☐ 2 4; Other ☐

10. Screen material: PVC
a. Screen type: Factory cut ■ 1 1; Continuous slot ☐ 0 1; Other ☐
b. Manufacturer
c. Slot size: 0.010 in.
d. Slotted length: 5 ft.

11. Backfill material (below filter pack): None ■ 1 4; Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
[signature]	EDS, LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-13B

Facility/Project Name	County Name	Well Name
Hamachek-klockner	**Kewaunee**	**PZ-3**
License/Permit/Monitoring Number	County Code **31**	Wisconsin Unique Well Number / DNR Well Number

1. Can this well be purged dry? Yes X No

2. Well Development method

surged with bailer and bailed		41
surged with bailer and pumped		61
surged with block and bailed		42
surged with block and pumped		62
surged with block, bailed & pumped		70
compressed air		20
bailed only		10
pumped only	X	51
pumped slowly		50
Other		

3. Time spent developing well 25 min.
4. Depth of well (from TOC) 40.0 ft.
5. Inside diameter of well 2 in.
6. Volume of water in filter pack and well 31.1 gal.
7. Volume of water removed from well 30 gal.
8. Volume of water added (if any) NA gal.
9. Source of water adc NA
10. Analysis performed on water added? (If yes, attach results) Yes No

	Before Development	After Development
11. Depth to Water (from top of well casing)	4.7	4.7
Date	2/4/08 (mm dd yy)	2/4/08 (mm dd yy)
Time	a.m. / p.m.	a.m. / p.m.
12. Sediment in well bottom	inches	inches
13. Water clarity	Clear / Turbid X / Describe	Clear / Turbid / Describe Clear

See Additional Comments Below

Fill in if drilling fluids were used and well is at solid waste facility

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jeff Steiner

Firm: **AYRES ASSOCIATES**

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Initials: JCS

Firm: **AYRES ASSOCIATES**

NOTE: Shaded areas are for DNR use only. See instructions for more information.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-13B

Facility/Project Name	County Name	Well Name
Hamachek-klockner	Kewaunee	MW-4
License/Permit/Monitoring Number	County Code 31	Wisconsin Unique Well Number / DNR Well Number

1. Can this well be purged dry? Yes X No

2. Well Development method

surged with bailer and bailed		41
surged with bailer and pumped		61
surged with block and bailed		42
surged with block and pumped		62
surged with block, bailed & pumped		70
compressed air		20
bailed only		10
pumped only	X	51
pumped slowly		50
Other		

3. Time spent developing well 15 min.
4. Depth of well (from TOC) 13.7 ft.
5. Inside diameter of well 2 in.
6. Volume of water in filter pack and well 7.1 gal.
7. Volume of water removed from well 20 gal.
8. Volume of water added (if any) NA gal.
9. Source of water adc NA
10. Analysis performed on water added? (If yes, attach results) Yes No

	Before Development	After Development
11. Depth to Water (from top of well casing)	5.6	5.6
Date	1/31/08 (mm dd yy)	1/31/08 (mm dd yy)
Time	a.m. / p.m.	a.m. / p.m.
12. Sediment in well bottom	inches	inches
13. Water clarity	Clear / Turbid X / Describe	Clear / Turbid / Describe Clear

See Additional Comments Below

Fill in if drilling fluids were used and well is at solid waste facility

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jeff Steiner

Firm: AYRES ASSOCIATES

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Initials: JCS

Firm: AYRES ASSOCIATES

NOTE: Shaded areas are for DNR use only. See instructions for more information.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-13B

Facility/Project Name	County Name	Well Name
Hamachek-klockner	**Kewaunee**	**MW-5**
License/Permit/Monitoring Number	County Code **31**	Wisconsin Unique Well Number / DNR Well Number

1. Can this well be purged dry? Yes X No

2. Well Development method

surged with bailer and bailed		41
surged with bailer and pumped		61
surged with block and bailed		42
surged with block and pumped		62
surged with block, bailed & pumped		70
compressed air		20
bailed only		10
pumped only	X	51
pumped slowly		50
Other		

3. Time spent developing well 25 min.
4. Depth of well (from TOC) 13.5 ft.
5. Inside diameter of well 2 in.
6. Volume of water in filter pack and well 6.2 gal.
7. Volume of water removed from well 20 gal.
8. Volume of water added (if any) NA gal.
9. Source of water adc NA
10. Analysis performed on water added? (If yes, attach results) Yes No

	Before Development		After Development	
11. Depth to Water (from top of well casing)	6.5		7.0	
Date	1/31/08 (mm dd yy)		1/31/08 (mm dd yy)	
Time	3:25	a.m. / p.m.	4:00	a.m. / p.m.
12. Sediment in well bottom		inches		inches
13. Water clarity	Clear / Turbid / Describe	X	Clear / Turbid / Describe	Slight

See Additional Comments Below

Fill in if drilling fluids were used and well is at solid waste facility

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jeff Steiner

Firm: **AYRES ASSOCIATES**

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Initials: JCS

Firm: **AYRES ASSOCIATES**

NOTE: Shaded areas are for DNR use only. See instructions for more information.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-13B

Facility/Project Name	County Name	Well Name
Hamachek-klockner	**Kewaunee**	**MW-6**
License/Permit/Monitoring Number	County Code **31**	Wisconsin Unique Well Number / DNR Well Number

1. Can this well be purged dry? Yes X No

2. Well Development method

surged with bailer and bailed		41
surged with bailer and pumped		61
surged with block and bailed		42
surged with block and pumped		62
surged with block, bailed & pumped		70
compressed air		20
bailed only		10
pumped only	X	51
pumped slowly		50
Other		

3. Time spent developing well 15 min.
4. Depth of well (from TOC) 13.5 ft.
5. Inside diameter of well 2 in.
6. Volume of water in filter pack and well 5.6 gal.
7. Volume of water removed from well 15 gal.
8. Volume of water added (if any) NA gal.
9. Source of water adc NA
10. Analysis performed on water added? (If yes, attach results) Yes No

	Before Development		After Development	
11. Depth to Water (from top of well casing)	7.15		7.1	
Date	2/1/08 (mm dd yy)		2/1/08 (mm dd yy)	
Time	12:20	a.m. p.m.	12:35	a.m. p.m.
12. Sediment in well bottom		inches		inches
13. Water clarity	Clear / Turbid / Describe	X	Clear / Turbid / Describe	Clear

See Additional Comments Below

Fill in if drilling fluids were used and well is at solid waste facility

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jeff Steiner

Firm: **AYRES ASSOCIATES**

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Initials: JCS

Firm: **AYRES ASSOCIATES**

NOTE: Shaded areas are for DNR use only. See instructions for more information.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-13B

Facility/Project Name	County Name	Well Name
Hamachek-klockner	**Kewaunee**	**PZ-6**
License/Permit/Monitoring Number	County Code **31**	Wisconsin Unique Well Number / DNR Well Number

1. Can this well be purged dry? Yes X No

2. Well Development method

surged with bailer and bailed		41
surged with bailer and pumped		61
surged with block and bailed		42
surged with block and pumped		62
surged with block, bailed & pumped		70
compressed air		20
bailed only		10
pumped only	X	51
pumped slowly		50
Other		

3. Time spent developing well 30 min.
4. Depth of well (from TOC) 39.5 ft.
5. Inside diameter of well 2 in.
6. Volume of water in filter pack and well 28.5 gal.
7. Volume of water removed from well 30 gal.
8. Volume of water added (if any) NA gal.
9. Source of water adc NA
10. Analysis performed on water added? (If yes, attach results) Yes No

	Before Development	After Development
11. Depth to Water (from top of well casing)	7.15	7.2
Date	2/1/08 (mm dd yy)	2/1/08 (mm dd yy)
Time	11:45 a.m. / p.m.	12:15 a.m. / p.m.
12. Sediment in well bottom	inches	inches
13. Water clarity	Clear / Turbid X / Describe	Clear / Turbid / Describe Clear

See Additional Comments Below

Fill in if drilling fluids were used and well is at solid waste facility

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jeff Steiner

Firm: **AYRES ASSOCIATES**

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Initials: JCS

Firm: **AYRES ASSOCIATES**

NOTE: Shaded areas are for DNR use only. See instructions for more information.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-13B

Facility/Project Name	County Name	Well Name
Hamachek-klockner	**Kewaunee**	**MW-7**
License/Permit/Monitoring Number	County Code **31**	Wisconsin Unique Well Number / DNR Well Number

1. Can this well be purged dry? Yes X No

2. Well Development method

surged with bailer and bailed		41
surged with bailer and pumped		61
surged with block and bailed		42
surged with block and pumped		62
surged with block, bailed & pumped		70
compressed air		20
bailed only		10
pumped only	X	51
pumped slowly		50
Other		

3. Time spent developing well 15 min.
4. Depth of well (from TOC) 13.5 ft.
5. Inside diameter of well 2 in.
6. Volume of water in filter pack and well 7.1 gal.
7. Volume of water removed from well 15 gal.
8. Volume of water added (if any) NA gal.
9. Source of water adc NA
10. Analysis performed on water added? (If yes, attach results) Yes No

	Before Development	After Development
11. Depth to Water (from top of well casing)	5.4	5.4
Date	2/13/08 (mm dd yy)	2/13/08 (mm dd yy)
Time	a.m. / p.m.	a.m. / p.m.
12. Sediment in well bottom	inches	inches
13. Water clarity	Clear / Turbid X / Describe	Clear / Turbid / Describe Clear

See Additional Comments Below

Fill in if drilling fluids were used and well is at solid waste facility

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jeff Steiner

Firm: **AYRES ASSOCIATES**

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Initials: JCS

Firm: **AYRES ASSOCIATES**

NOTE: Shaded areas are for DNR use only. See instructions for more information.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-13B

Facility/Project Name	County Name	Well Name
Hamachek-klockner	**Kewaunee**	**PZ-7**
License/Permit/Monitoring Number	County Code **31**	Wisconsin Unique Well Number / DNR Well Number

1. Can this well be purged dry? Yes X No

2. Well Development method

surged with bailer and bailed	41
surged with bailer and pumped	61
surged with block and bailed	42
surged with block and pumped	62
surged with block, bailed & pumped	70
compressed air	20
bailed only	10
pumped only	X 51
pumped slowly	50
Other	

3. Time spent developing well 20 min.
4. Depth of well (from TOC) 42.0 ft.
5. Inside diameter of well 2 in.
6. Volume of water in filter pack and well 32.3 gal.
7. Volume of water removed from well 30 gal.
8. Volume of water added (if any) NA gal.
9. Source of water adc NA
10. Analysis performed on water added? (If yes, attach results) Yes No

	Before Development	After Development
11. Depth to Water (from top of well casing)	5.3	5.3
Date	2/13/08 (mm dd yy)	2/13/08 (mm dd yy)
Time	10:25 a.m. / p.m.	10:45 a.m. / p.m.
12. Sediment in well bottom	inches	inches
13. Water clarity	Clear / Turbid / Describe: X	Clear / Turbid / Describe: Clear

See Additional Comments Below

Fill in if drilling fluids were used and well is at solid waste facility

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jeff Steiner

Firm: **AYRES ASSOCIATES**

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Initials: JCS

Firm: **AYRES ASSOCIATES**

NOTE: Shaded areas are for DNR use only. See instructions for more information.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-13B

Facility/Project Name	County Name	Well Name
Hamachek-klockner	**Kewaunee**	**MW-8**
License/Permit/Monitoring Number	County Code **31**	Wisconsin Unique Well Number / DNR Well Number

1. Can this well be purged dry? Yes X No

2. Well Development method

surged with bailer and bailed		41
surged with bailer and pumped		61
surged with block and bailed		42
surged with block and pumped		62
surged with block, bailed & pumped		70
compressed air		20
bailed only		10
pumped only	X	51
pumped slowly		50
Other		

3. Time spent developing well 15 min.
4. Depth of well (from TOC) 13.5 ft.
5. Inside diameter of well 2 in.
6. Volume of water in filter pack and well 4.3 gal.
7. Volume of water removed from well 15 gal.
8. Volume of water added (if any) NA gal.
9. Source of water adc NA
10. Analysis performed on water added? (If yes, attach results) Yes No

	Before Development		After Development	
11. Depth to Water (from top of well casing)	8.6		9.0	
Date	2/4/08 (mm dd yy)		2/4/08 (mm dd yy)	
Time	10:25	a.m. / p.m.	10:40	a.m. / p.m.
12. Sediment in well bottom		inches		inches
13. Water clarity	Clear / Turbid / Describe	X	Clear / Turbid / Describe	Clear

See Additional Comments Below

Fill in if drilling fluids were used and well is at solid waste facility

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jeff Steiner

Firm: **AYRES ASSOCIATES**

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Initials: JCS

Firm: **AYRES ASSOCIATES**

NOTE: Shaded areas are for DNR use only. See instructions for more information.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-13B

Facility/Project Name	County Name	Well Name
Hamachek-klockner	**Kewaunee**	**PZ-8**
License/Permit/Monitoring Number	County Code **31**	Wisconsin Unique Well Number / DNR Well Number

1. Can this well be purged dry? Yes X No

2. Well Development method

surged with bailer and bailed		41
surged with bailer and pumped		61
surged with block and bailed		42
surged with block and pumped		62
surged with block, bailed & pumped		70
compressed air		20
bailed only		10
pumped only	X	51
pumped slowly		50
Other		

3. Time spent developing well 20 min.
4. Depth of well (from TOC) 39.5 ft.
5. Inside diameter of well 2 in.
6. Volume of water in filter pack and well 29.0 gal.
7. Volume of water removed from well 15 gal.
8. Volume of water added (if any) NA gal.
9. Source of water adc NA
10. Analysis performed on water added? (If yes, attach results) Yes No

	Before Development		After Development	
11. Depth to Water (from top of well casing)	6.5		6.5	
Date	2/4/08 (mm dd yy)		2/4/08 (mm dd yy)	
Time	10:05	a.m. / p.m.	10:25	a.m. / p.m.
12. Sediment in well bottom		inches		inches
13. Water clarity	Clear / Turbid / Describe	X	Clear / Turbid / Describe	Clear

See Additional Comments Below

Fill in if drilling fluids were used and well is at solid waste facility

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Additional comments on development:

Well developed by: Person's Name and Firm

Name: Jeff Steiner

Firm: **AYRES ASSOCIATES**

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Initials: JCS

Firm: **AYRES ASSOCIATES**

NOTE: Shaded areas are for DNR use only. See instructions for more information.

Appendix B

Laboratory Analytical Reports for Soil Samples

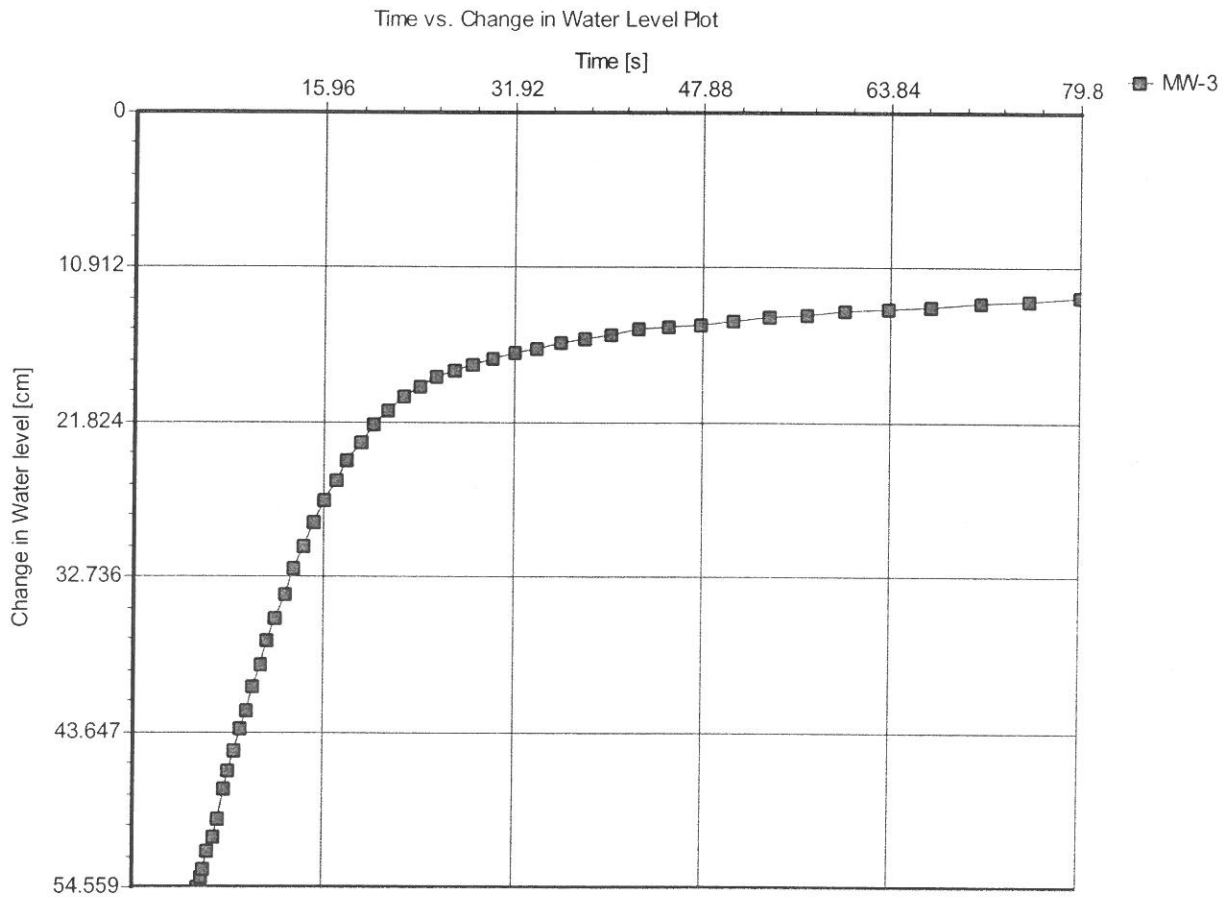
Summary of Slug Test Parameters
Hamachek-Klockner Property
Kewaunee, Wisconsin

Well Number	Test Number	Depth of Well (ft)	Depth to Water (ft)	Initial Drawdown (t_0) (ft)	Internal Well Radius (r) (ft)	Effective Well Radius (R) (ft)	Sat. Aquifer Thickness (ft)	Screen Length (L) (ft)	Height of Water Column (b) (ft)
MW-3	Slug In	11.5	5.10	NA	0.0858	0.34	7	6.4	6.4
	Slug Out			3.73					
PZ-3	Slug In	40	4.72	6.58	0.0858	0.34	36	5	35.3
	Slug Out			2.11					
MW-5	Slug In	13.5	6.22	6.70	0.0858	0.34	8	7.3	7.3
	Slug Out			3.59					
PZ-5	Slug In	43.5	5.98	6.0	0.0858	0.34	38	5	37.5
	Slug Out			NA					
MW-7	Slug In	13.5	5.45	6.40	0.0858	0.34	9	8.0	8.0
	Slug Out			3.12					
PZ-7	Slug In	42	5.20	7.86	0.0858	0.34	37	5	36.8
	Slug Out			3.44					
MW-8	Slug In	13.5	8.80	8.71	0.0858	0.34	5	4.7	4.7
	Slug Out			7.39					
PZ-8	Slug In	39.5	8.42	10.86	0.0858	0.34	32	5	31.1
	Slug Out			5.80					

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: MW-3 Slug Out	Test well: MW-3

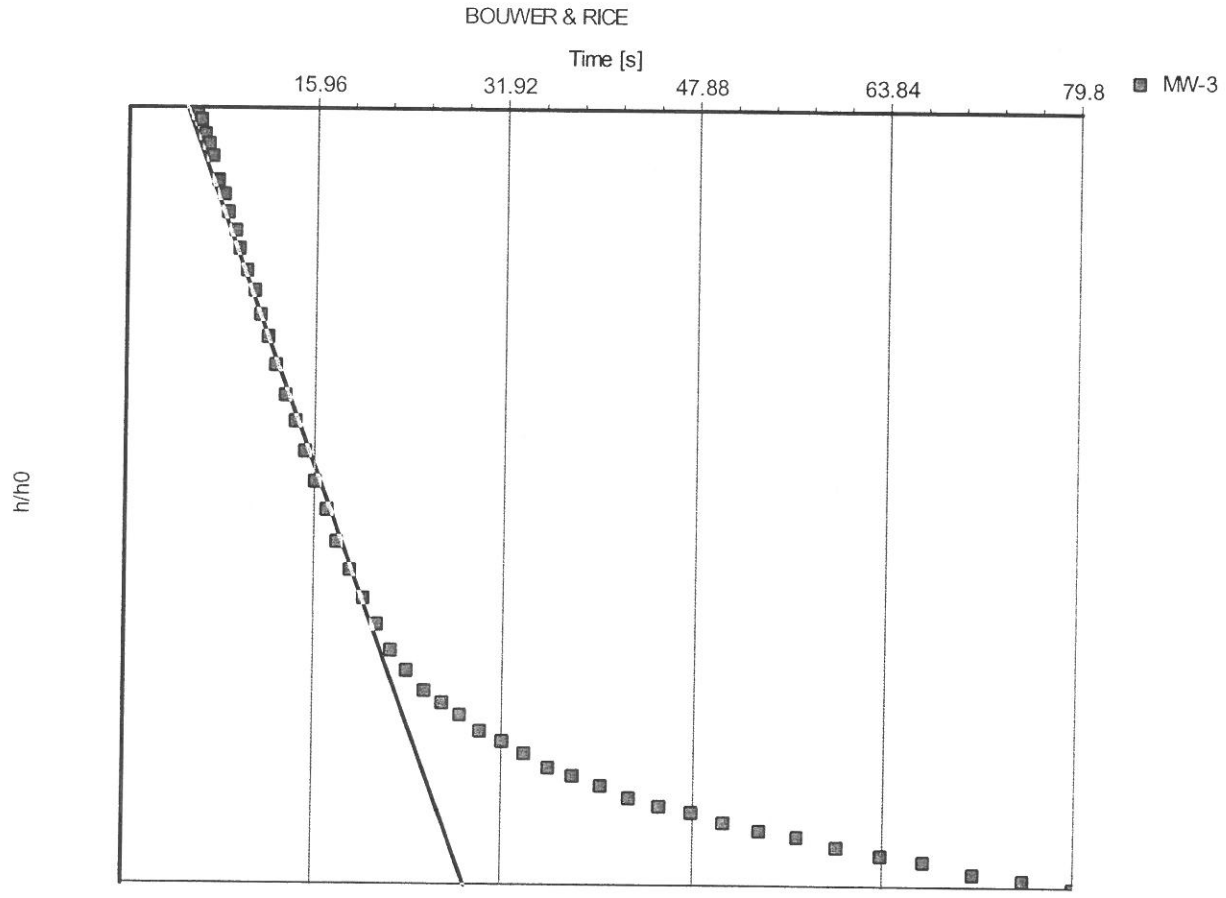
Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: Time vs. Change in waterlevel plot	Aquifer thickness: 213.36



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis**	
	No:	53-0636.00
	Project:	Klockner - Kewaunee
	Client:	City of Kewaunee

Location:	Klockner Properety	Slug test:	MW-3 Slug Out	Test well:	MW-3

Test performed by:	Jeff Steiner	Evaluated by:	Jeff Steiner
Test date:	2/14/2008	Evaluation date:	2/21/2008
Analysis method:	BOUWER & RICE	Aquifer thickness:	213.36

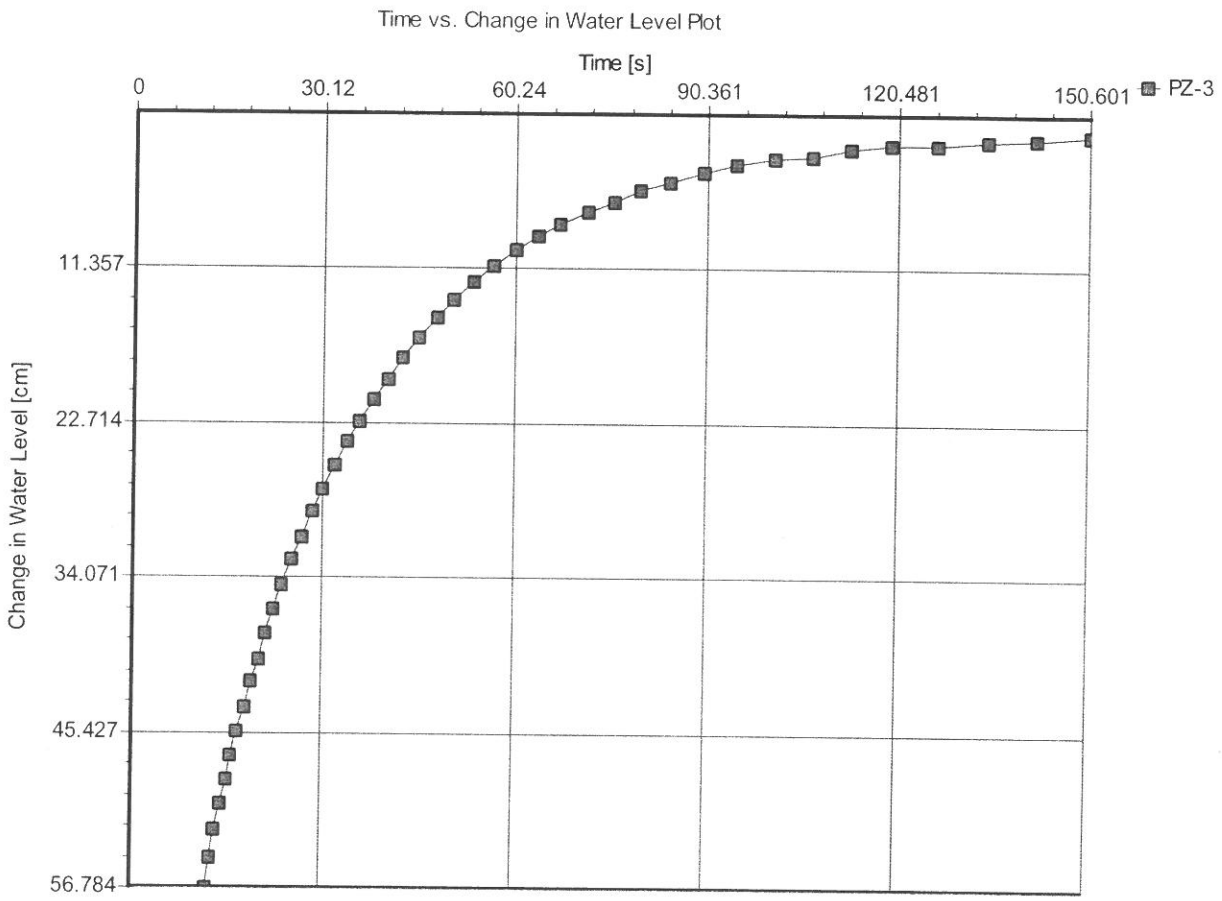


Conductivity: 2.32×10^-3 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee

Location: Klockner Properety	Slug test: PZ-3 Slug In	Test well: PZ-3

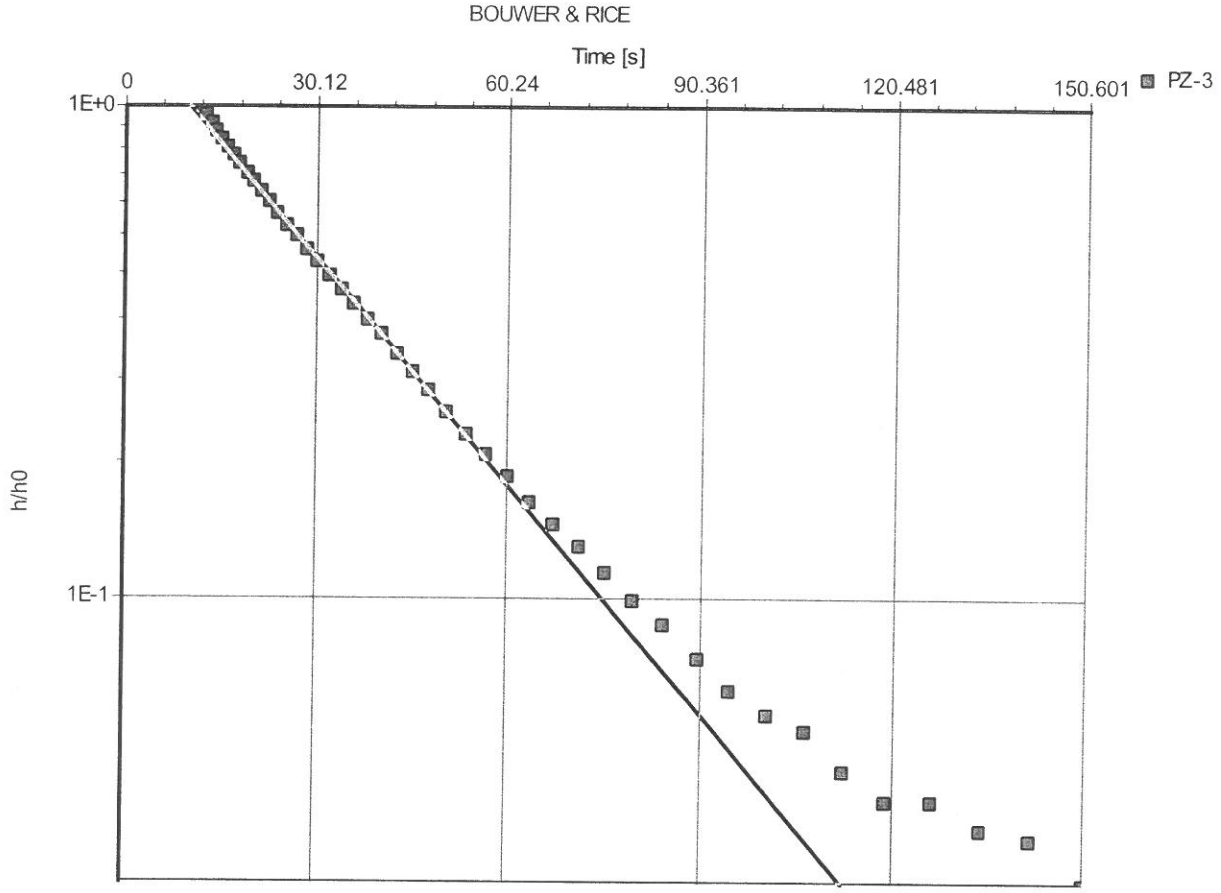
Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: Time vs. Change in waterlevel plot	Aquifer thickness:



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee

Location: Klockner Properety	Slug test: PZ-3 Slug In	Test well: PZ-3

Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: BOUWER & RICE	Aquifer thickness:

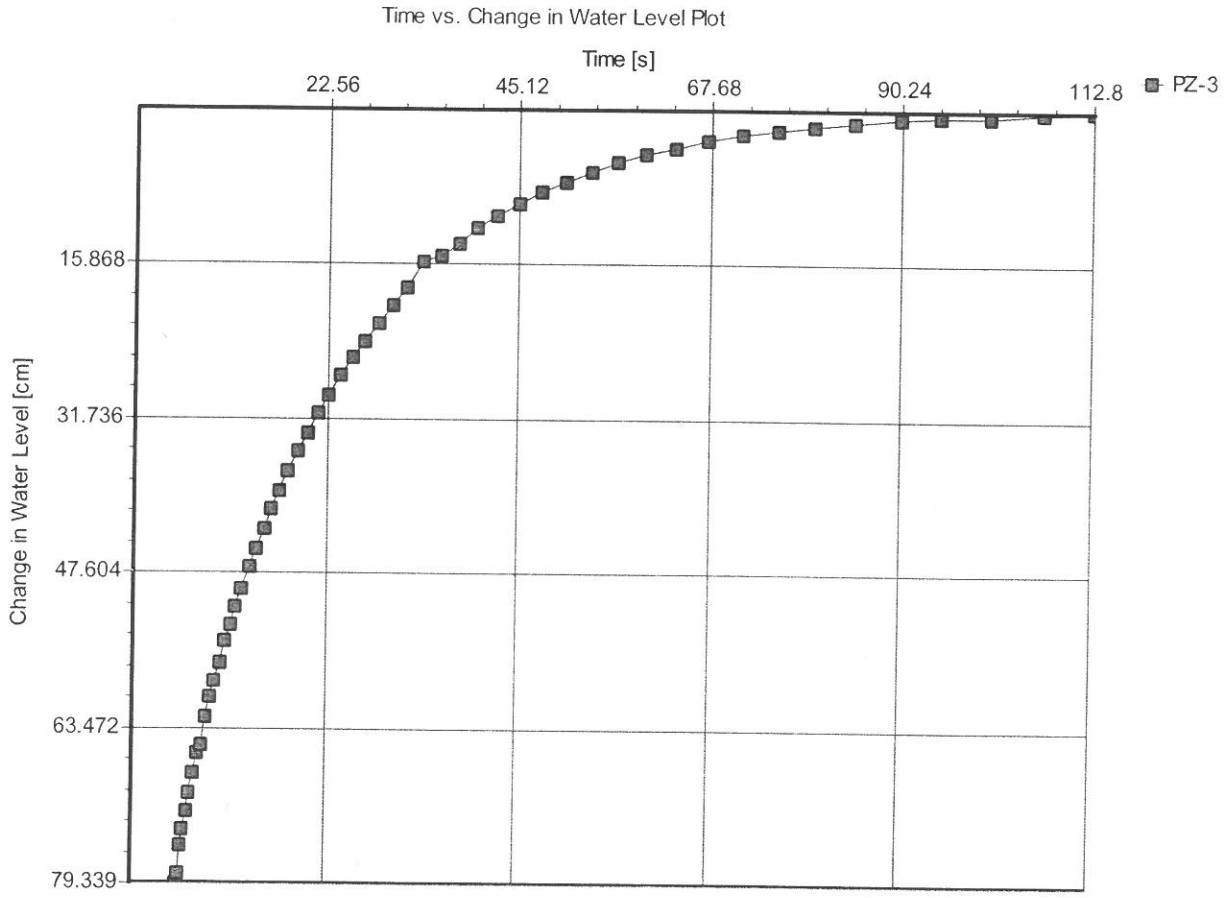


Conductivity: 2.44×10^-3 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: PZ-3 Slug Out	Test well: PZ-3

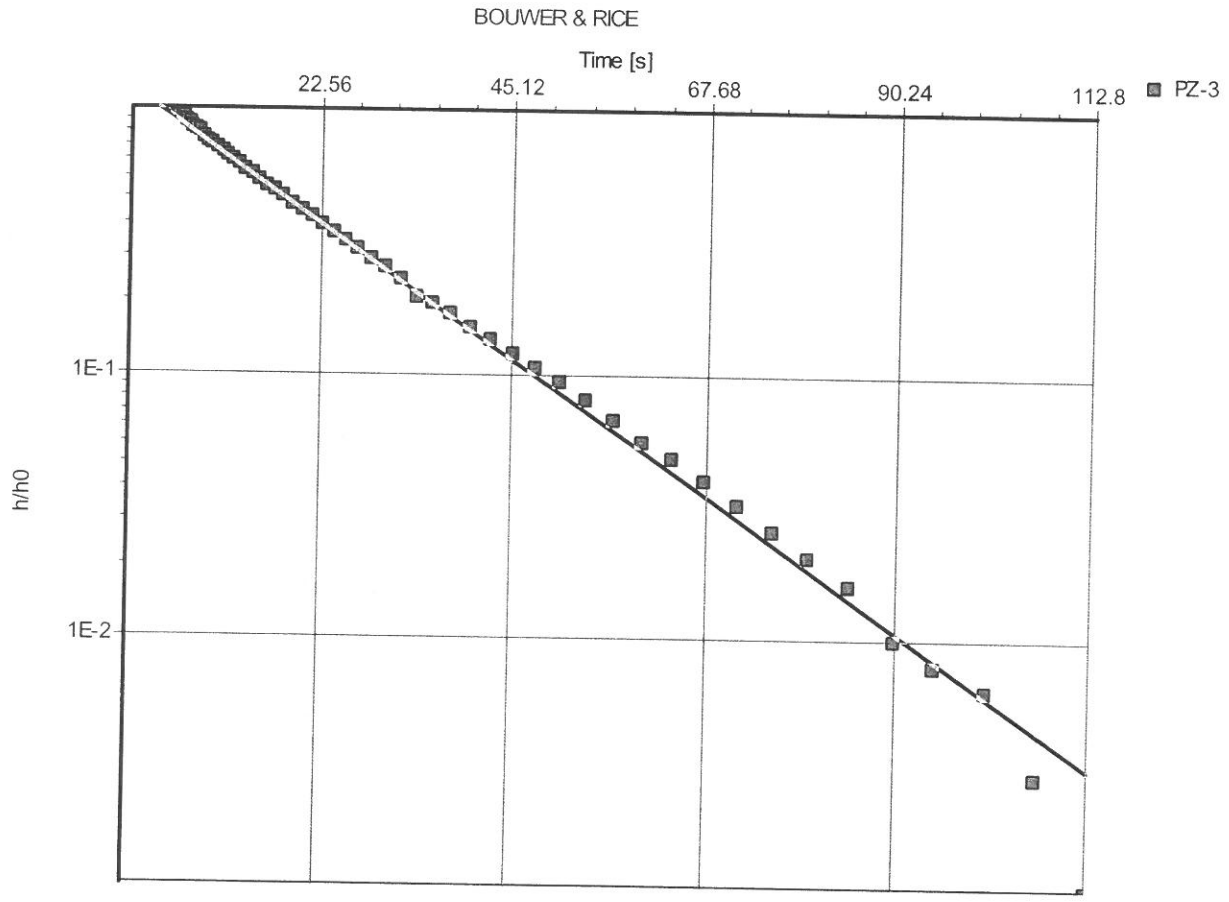
Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: Time vs. Change in waterlevel plot	Aquifer thickness:



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: PZ-3 Slug Out	Test well: PZ-3

Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: BOUWER & RICE	Aquifer thickness:

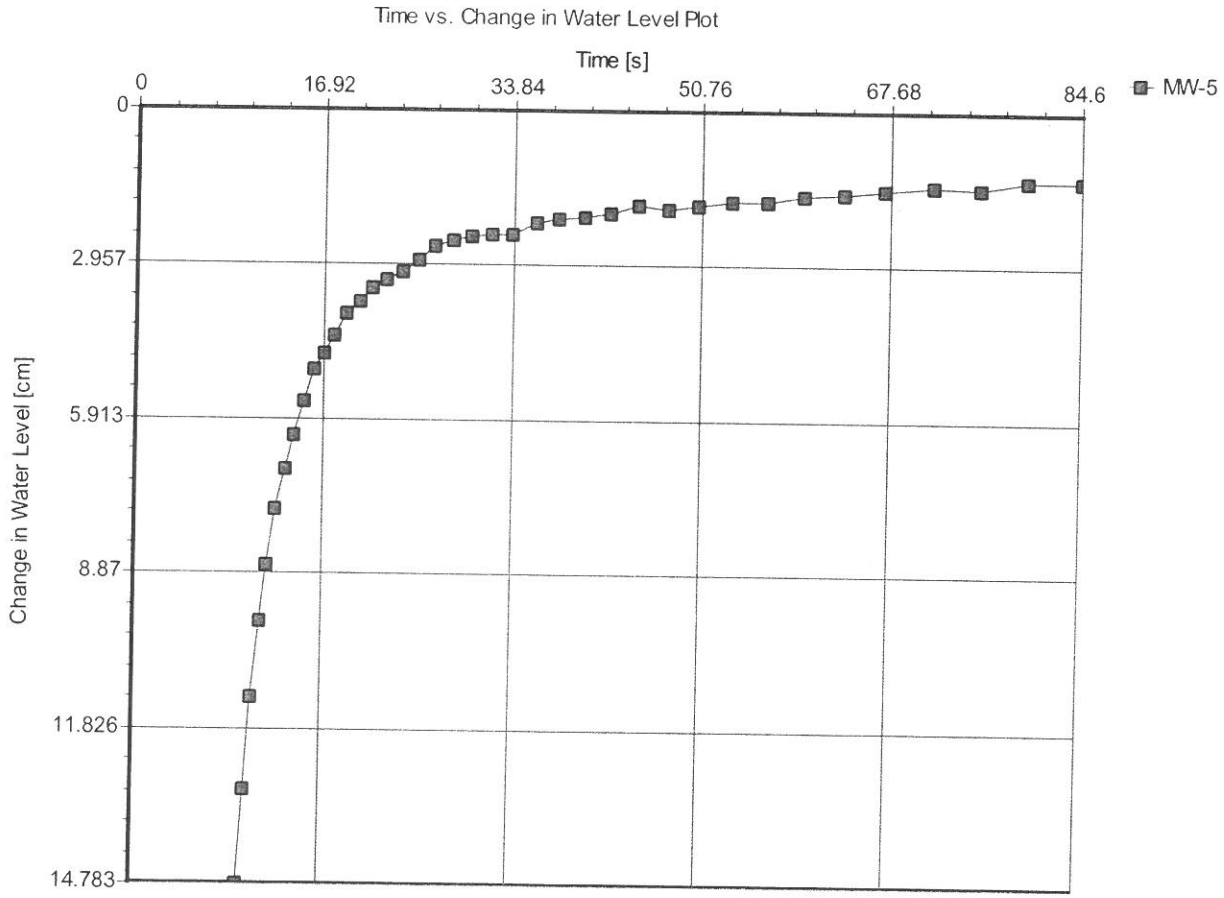


Conductivity: 3.60×10^-3 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location:	Klockner Properety	Slug test:	MW-5 Slug In	Test well:	MW-5

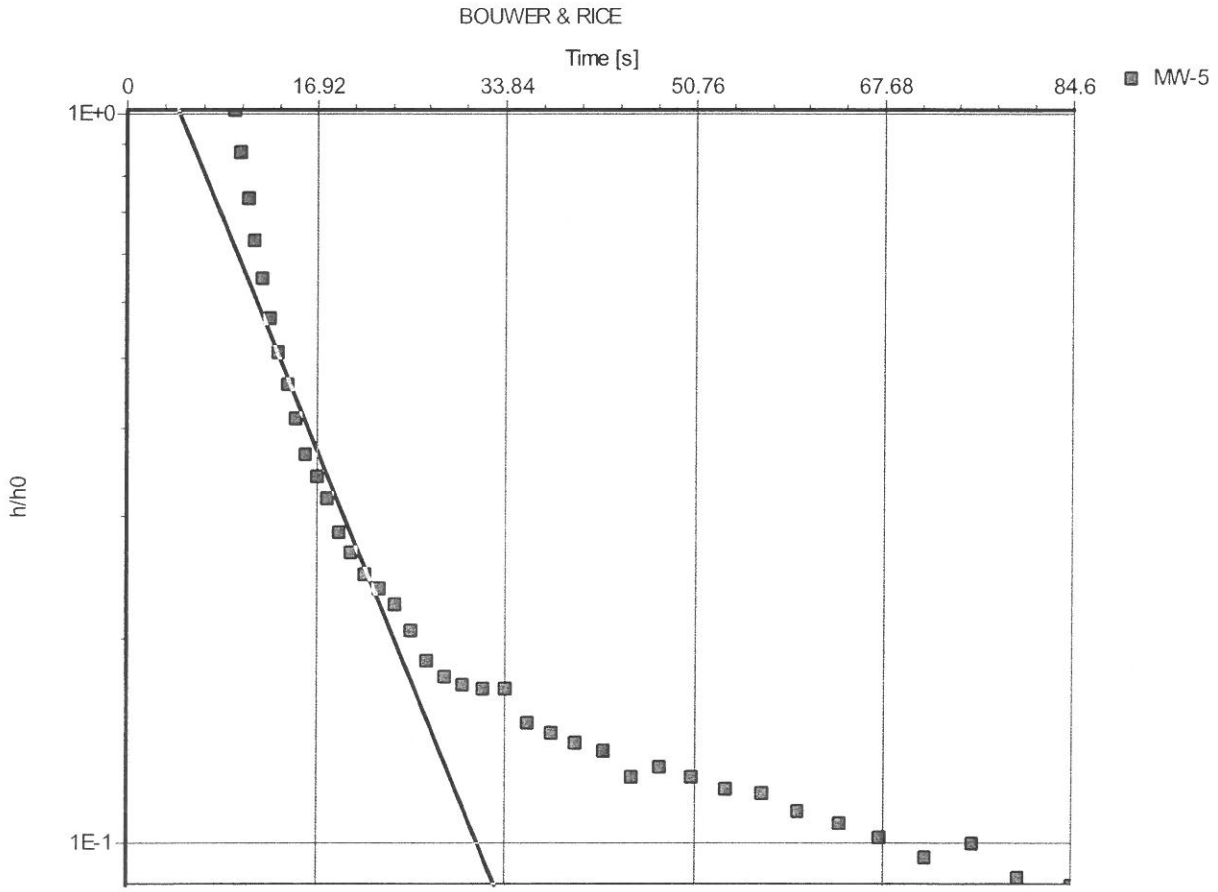
Test performed by:	Jeff Steiner	Evaluated by:	Jeff Steiner
Test date:	2/14/2008	Evaluation date:	2/21/2008
Analysis method:	Time vs. Change in waterlevel plot	Aquifer thickness:	243.84



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: MW-5 Slug In	Test well: MW-5

Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: BOUWER & RICE	Aquifer thickness: 243.84

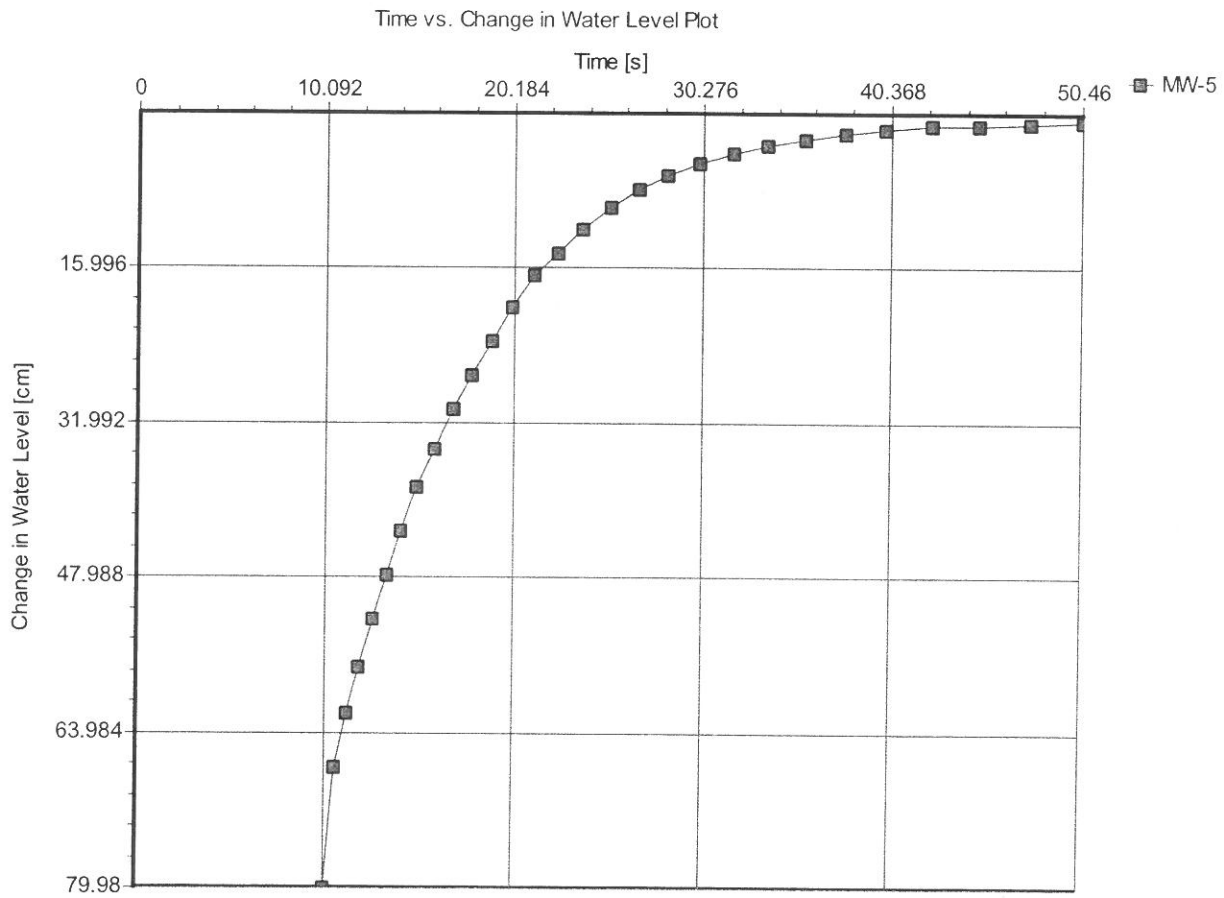


Conductivity: 3.06×10^-3 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: MW-5 Slug Out	Test well: MW-5

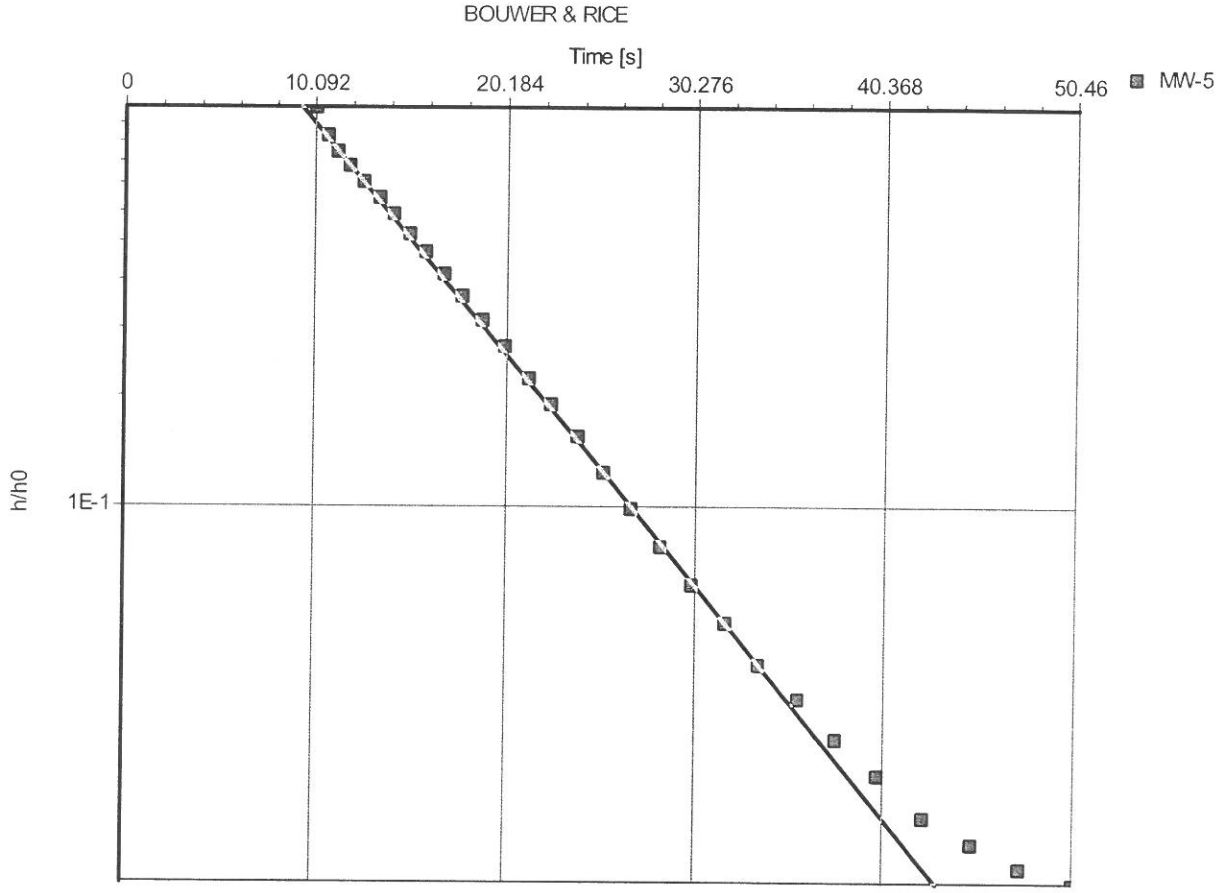
Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: Time vs. Change in waterlevel plot	Aquifer thickness: 243.84



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee

Location: Klockner Properety	Slug test: MW-5 Slug Out	Test well: MW-5

Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: BOUWER & RICE	Aquifer thickness: 243.84

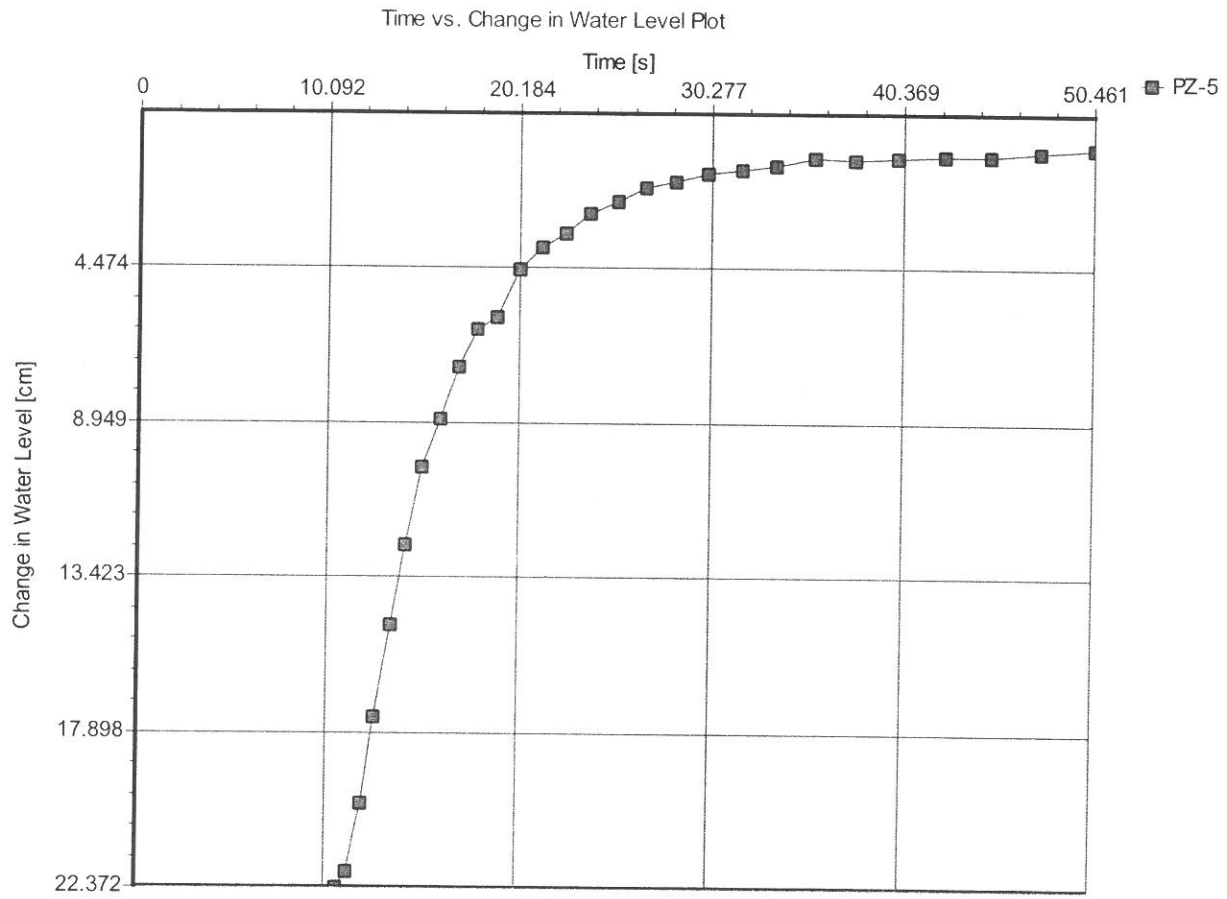


Conductivity: 4.71×10^-3 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: PZ-5 Slug In	Test well: PZ-5

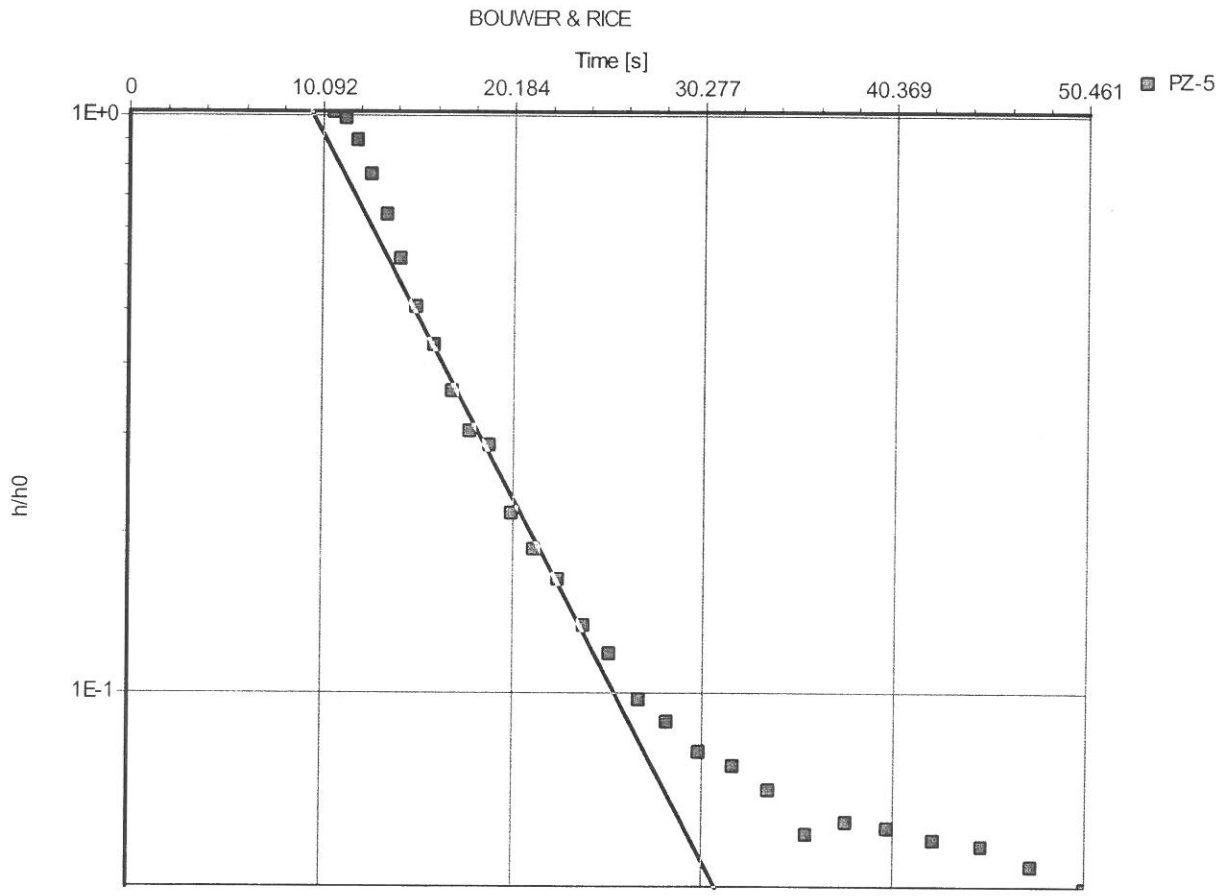
Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: Time vs. Change in waterlevel plot	Aquifer thickness:



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee

Location: Klockner Properety	Slug test: PZ-5 Slug In	Test well: PZ-5

Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: BOUWER & RICE	Aquifer thickness:

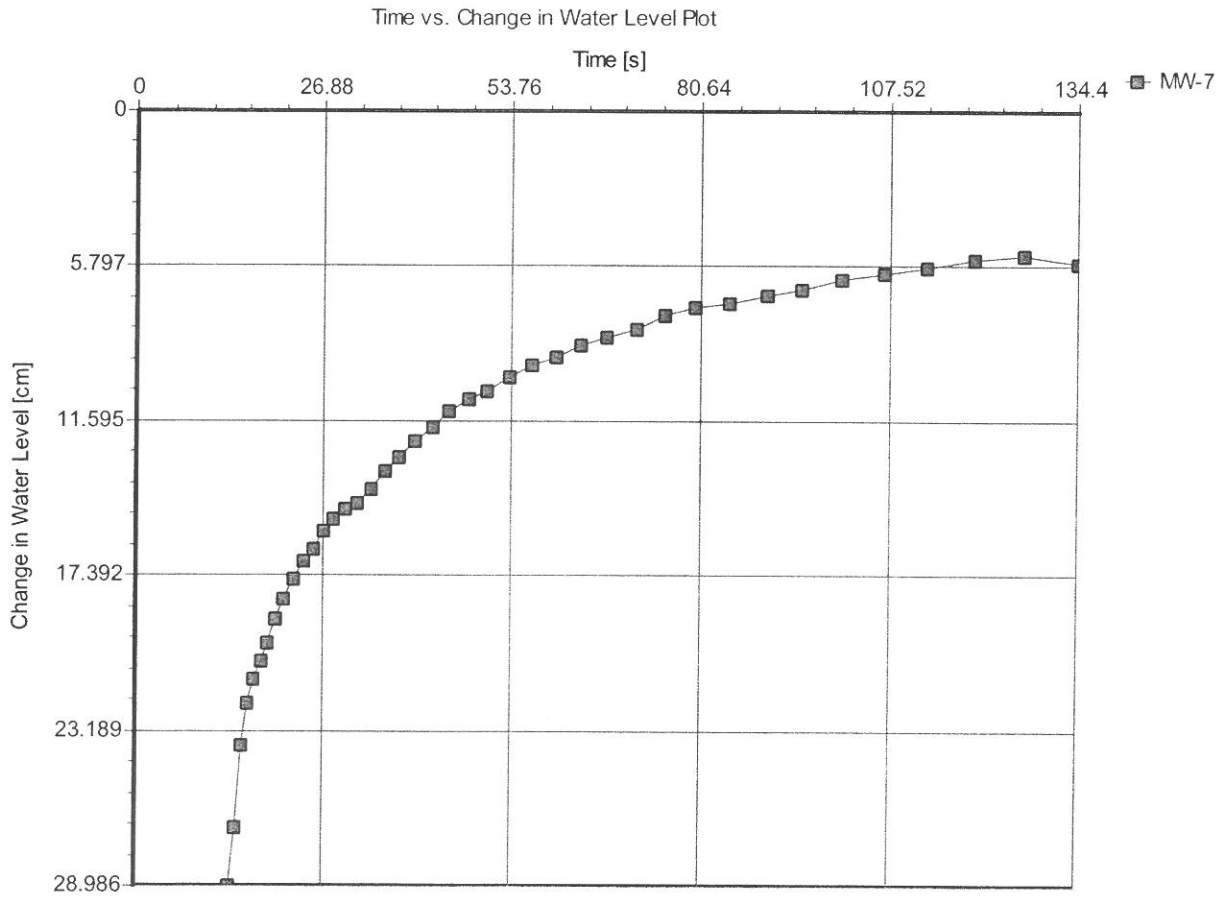


Conductivity: 1.00×10^-2 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee

Location: Klockner Properety	Slug test: MW-7 Slug In	Test well: MW-7

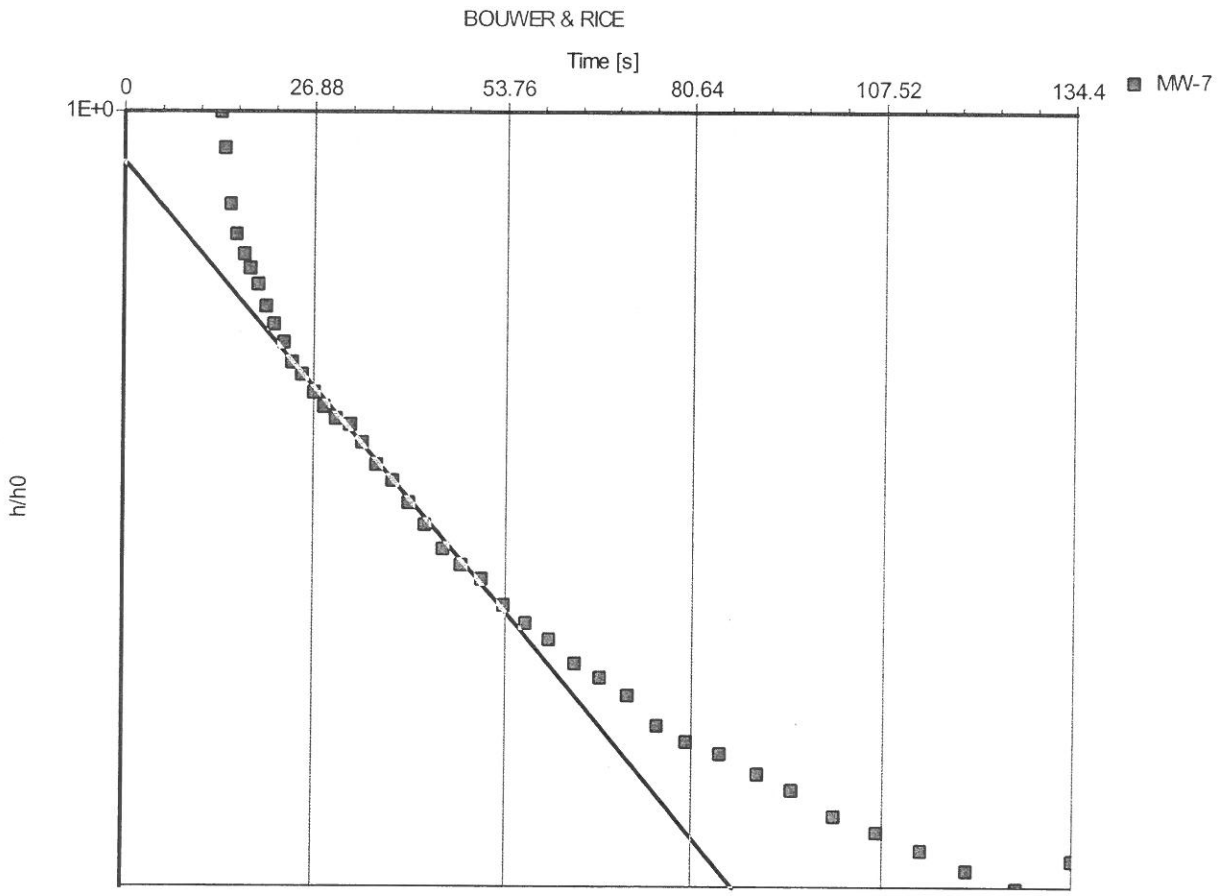
Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: Time vs. Change in waterlevel plot	Aquifer thickness: 274.32



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: MW-7 Slug In	Test well: MW-7

Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: BOUWER & RICE	Aquifer thickness: 274.32

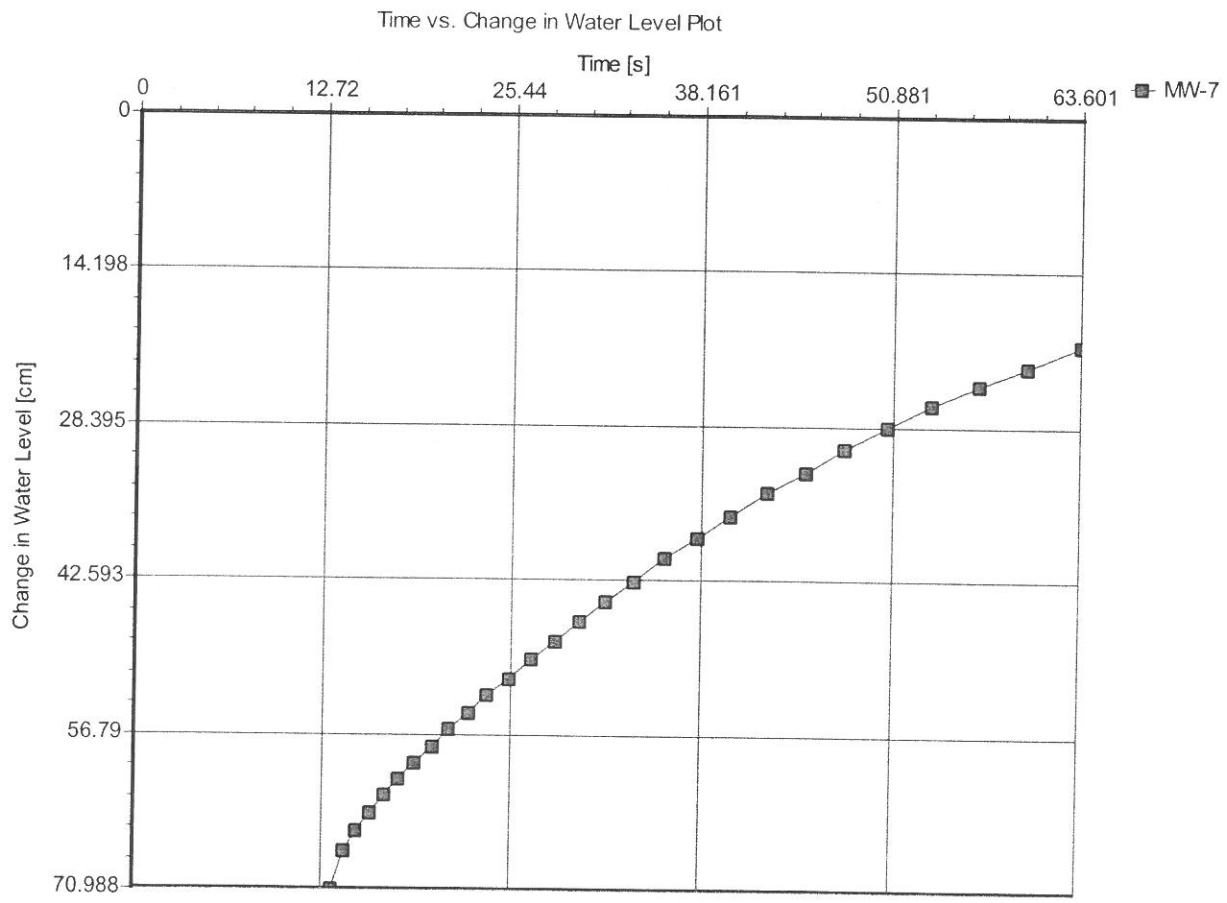


Conductivity: 6.14×10^-4 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis**	
	No:	53-0636.00
	Project:	Klockner - Kewaunee
	Client:	City of Kewaunee

Location:	Klockner Properety	Slug test:	MW-7 Slug Out	Test well:	MW-7

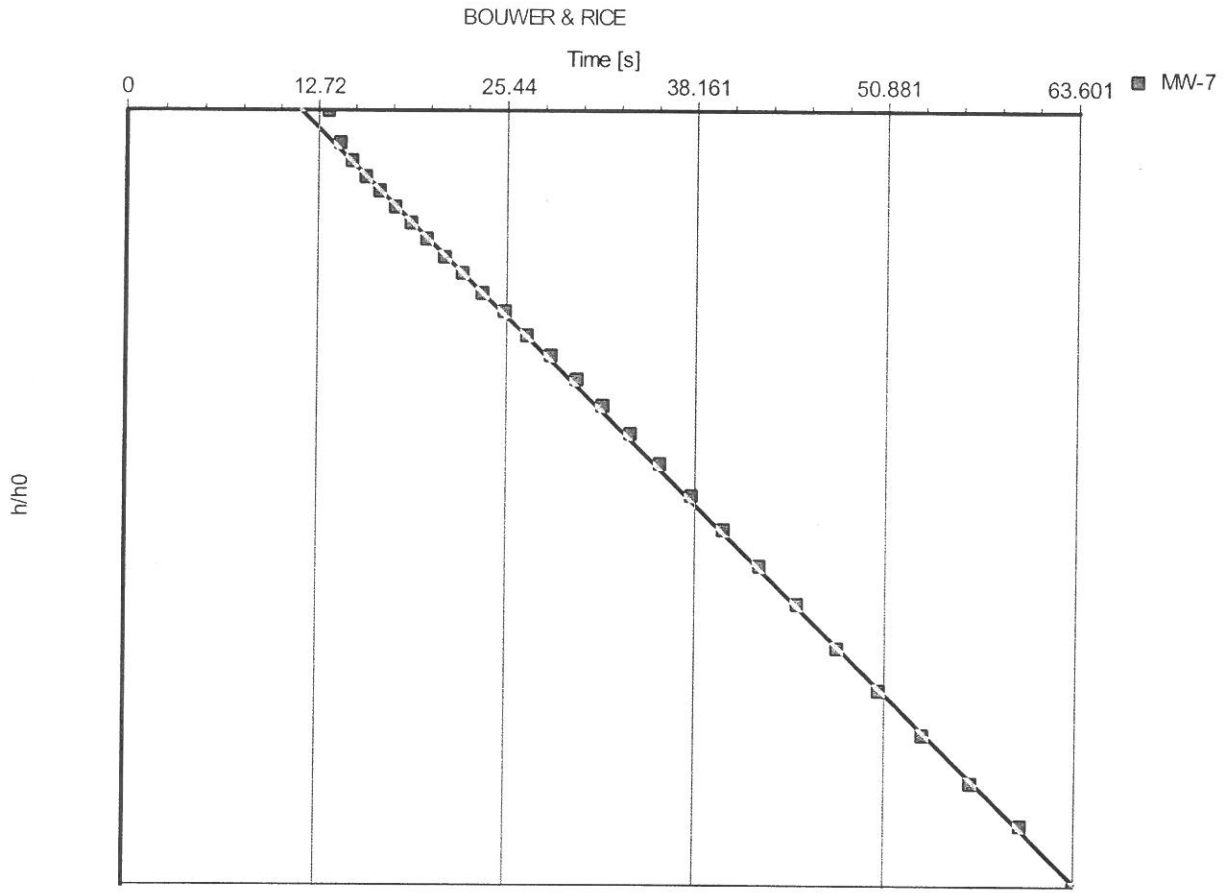
Test performed by:	Jeff Steiner	Evaluated by:	Jeff Steiner
Test date:	2/14/2008	Evaluation date:	2/21/2008
Analysis method:	Time vs. Change in waterlevel plot	Aquifer thickness:	274.32



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee

Location: Klockner Properety	Slug test: MW-7 Slug Out	Test well: MW-7

Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: BOUWER & RICE	Aquifer thickness: 274.32

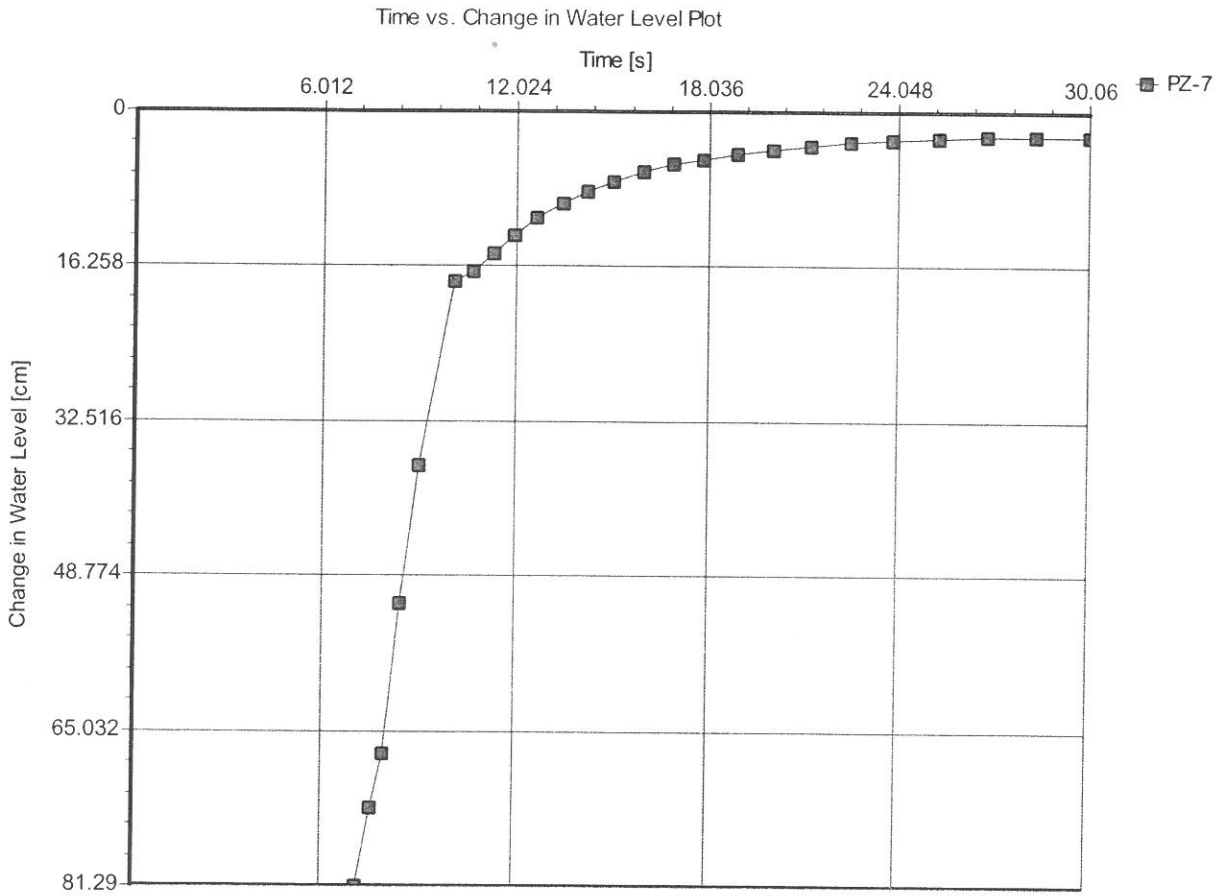


Conductivity: 7.88×10^-4 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: PZ-7 Slug In	Test well: PZ-7

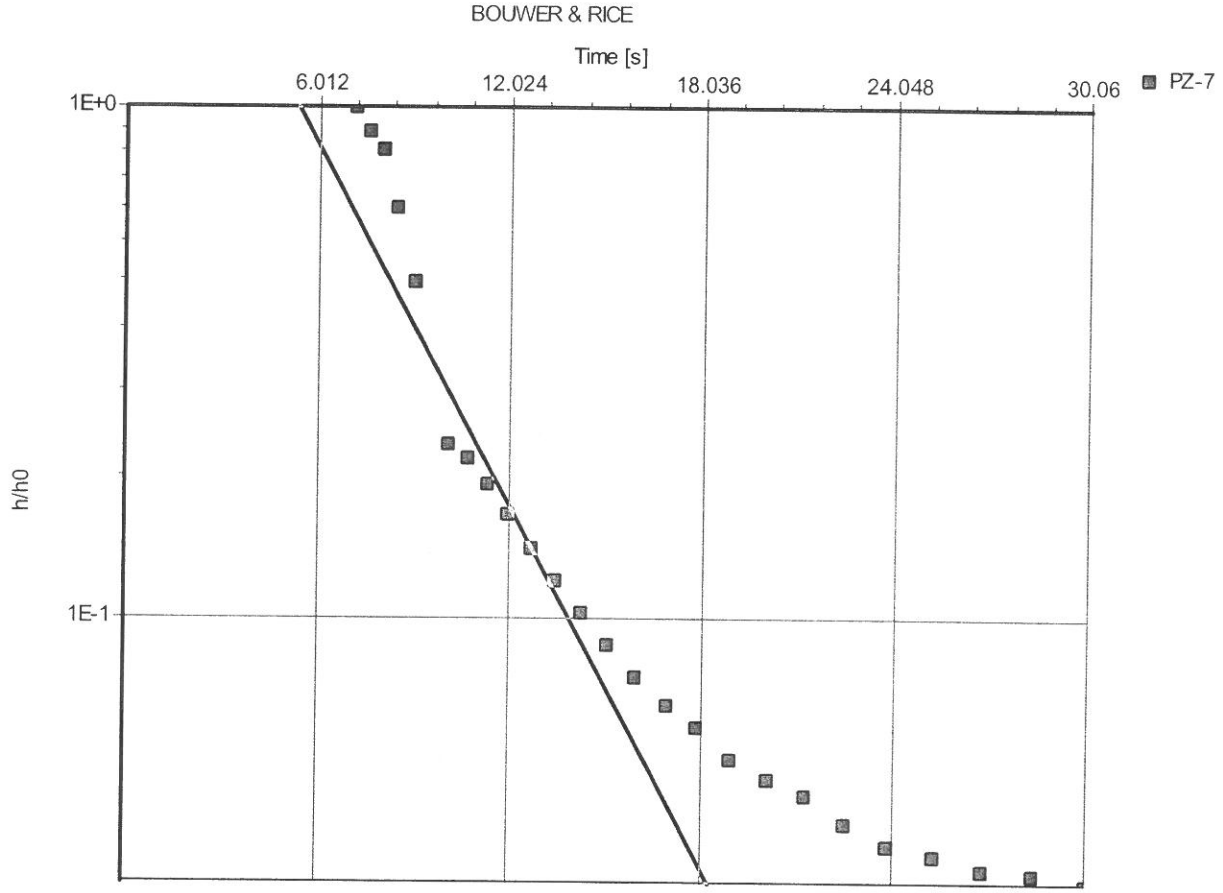
Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: Time vs. Change in waterlevel plot	Aquifer thickness:



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee

Location: Klockner Properety	Slug test: PZ-7 Slug In	Test well: PZ-7

Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: BOUWER & RICE	Aquifer thickness:

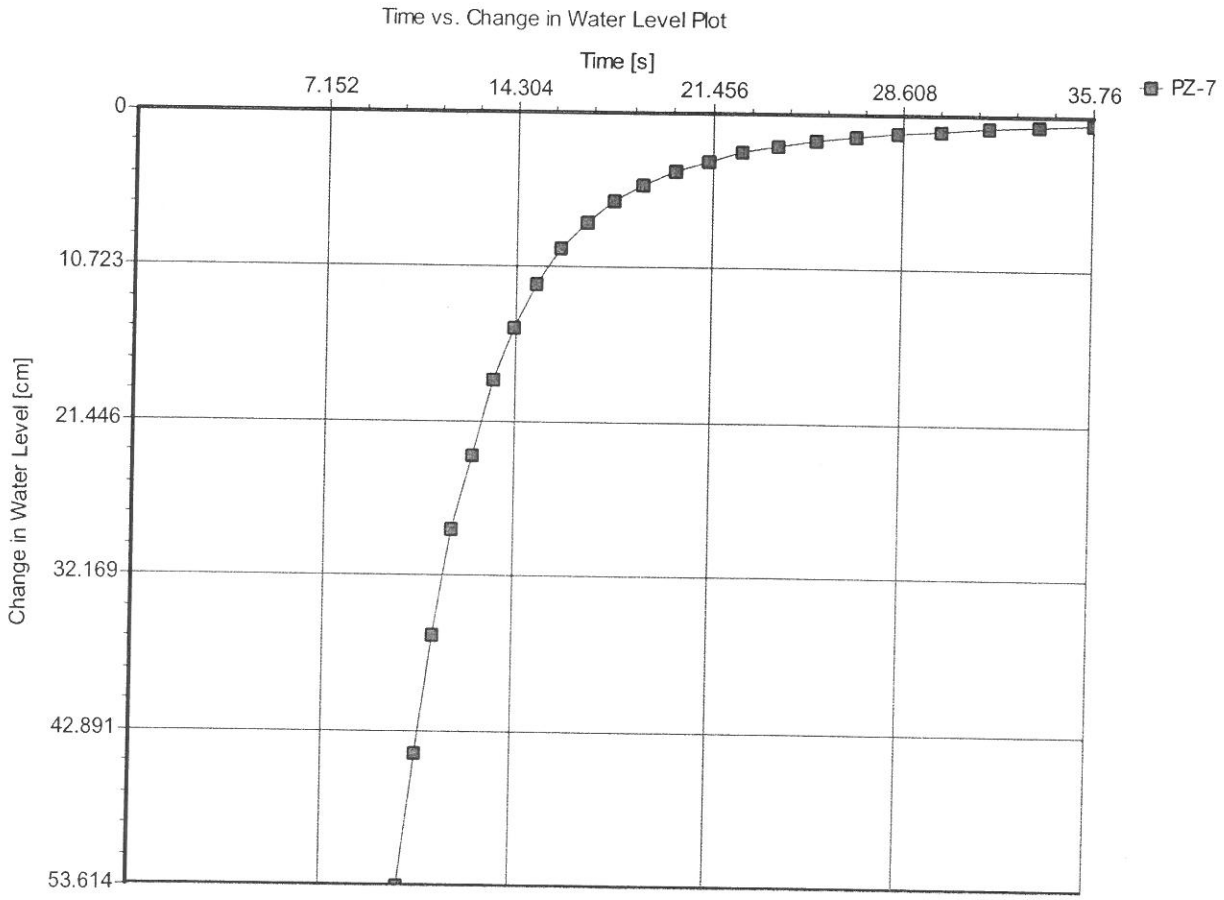


Conductivity: 1.87×10^-2 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: PZ-7 Slug Out	Test well: PZ-7

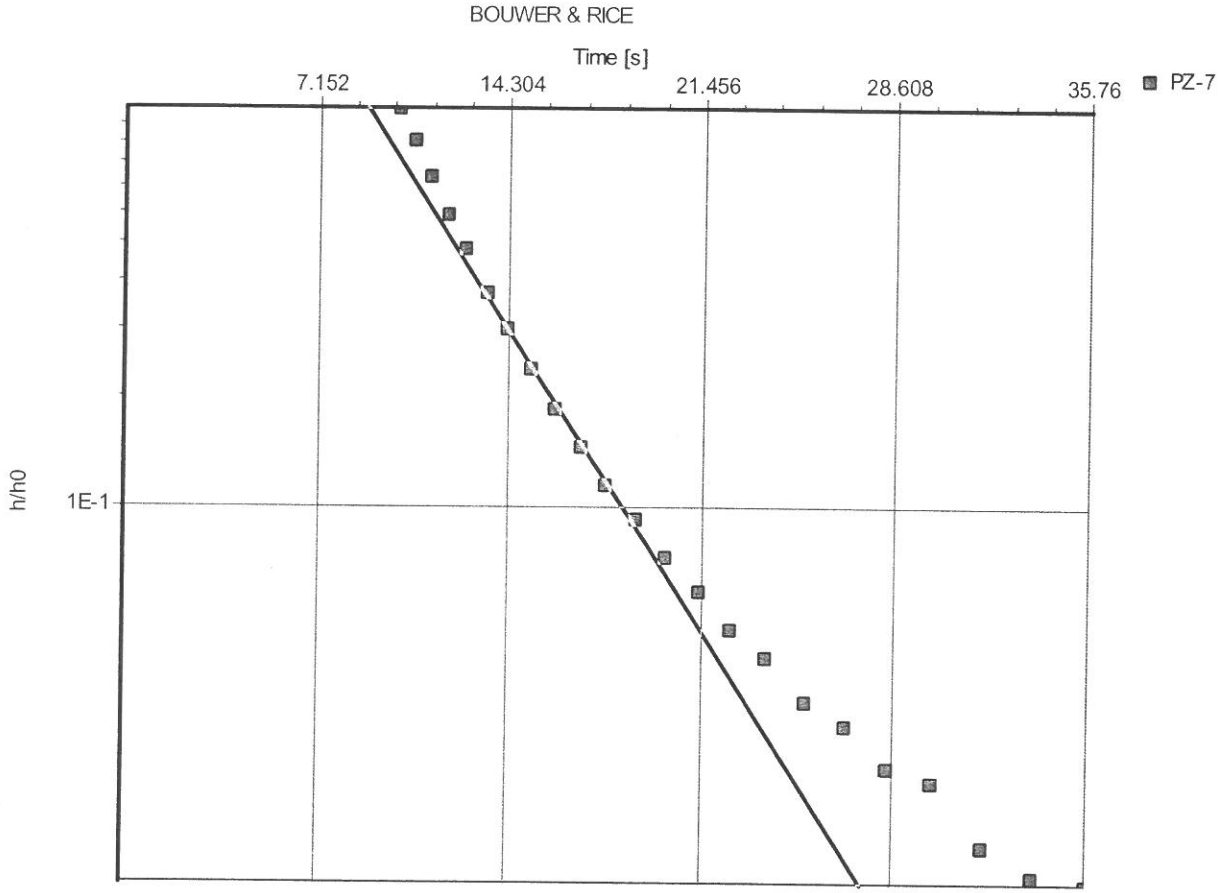
Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: Time vs. Change in waterlevel plot	Aquifer thickness:



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: PZ-7 Slug Out	Test well: PZ-7

Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: BOUWER & RICE	Aquifer thickness:

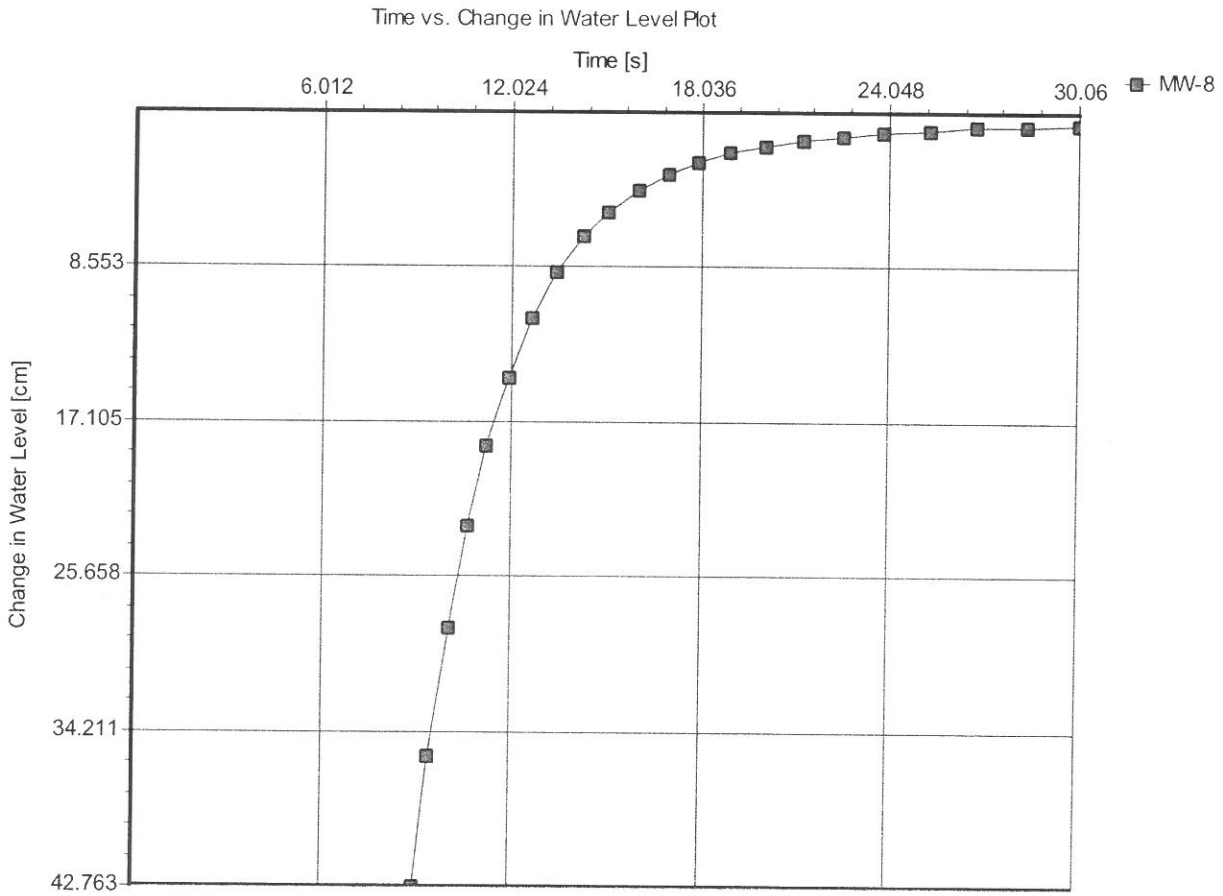


Conductivity: 1.67×10^-2 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee

Location: Klockner Properety	Slug test: MW-8 Slug Out	Test well: MW-8

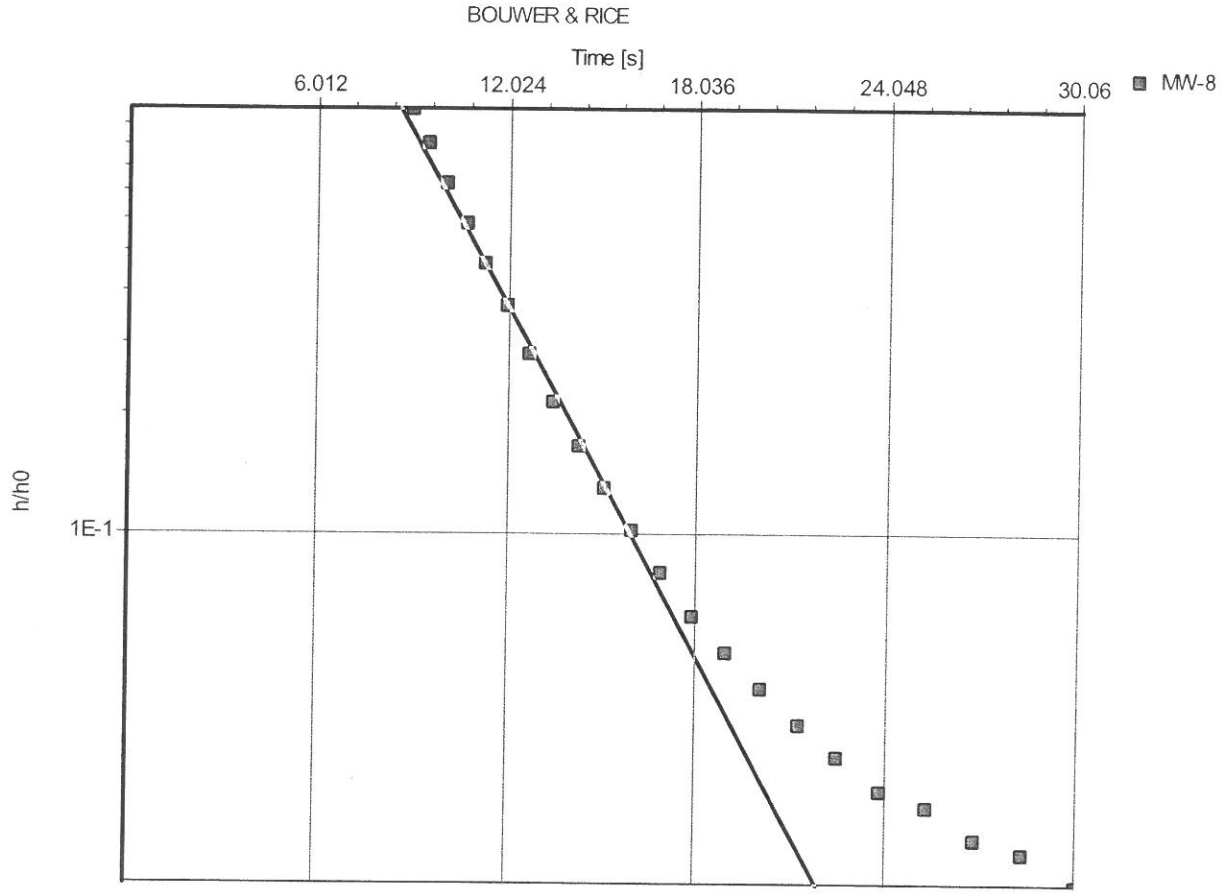
Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: Time vs. Change in waterlevel plot	Aquifer thickness: 152.4



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee

Location:	Klockner Properety	Slug test:	MW-8 Slug Out	Test well:	MW-8

Test performed by:	Jeff Steiner	Evaluated by:	Jeff Steiner
Test date:	2/14/2008	Evaluation date:	2/21/2008
Analysis method:	BOUWER & RICE	Aquifer thickness:	152.4

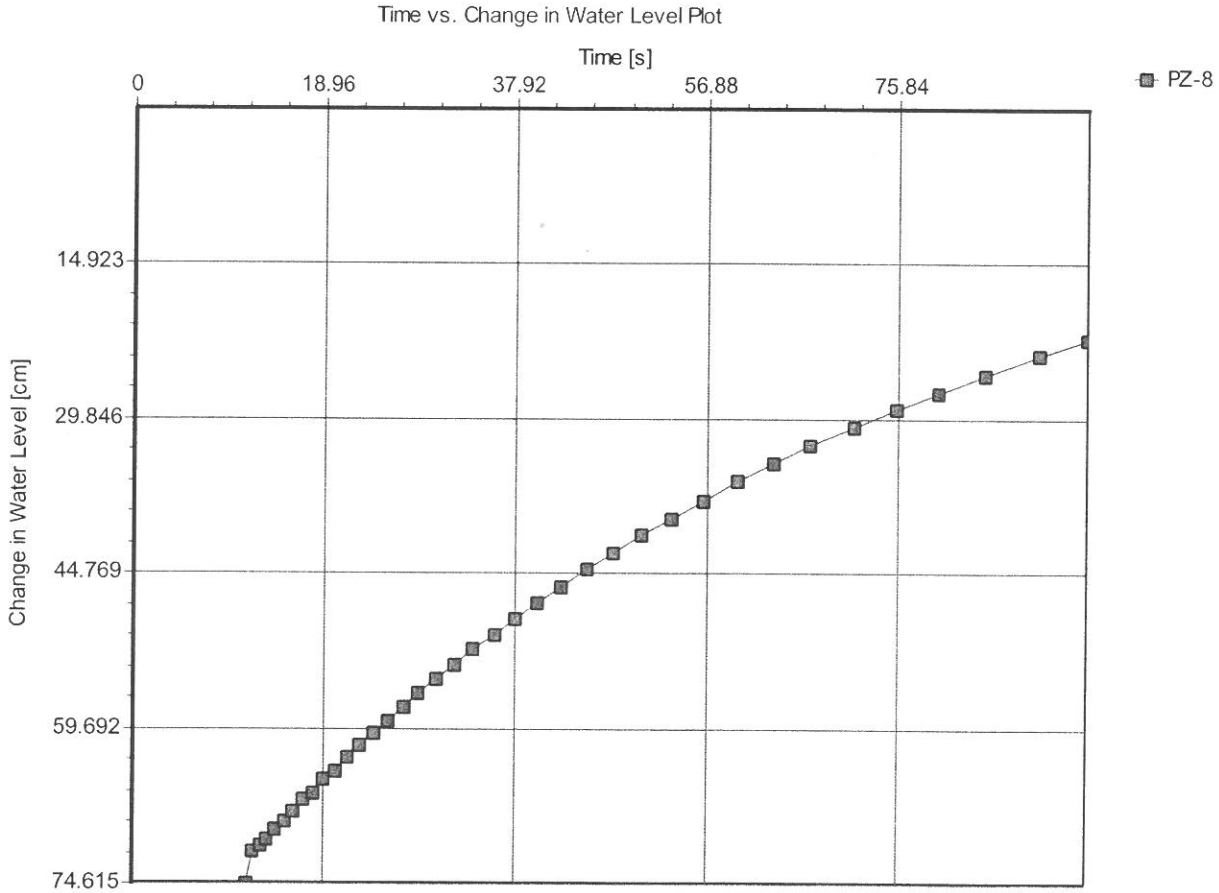


Conductivity: 1.48×10^-2 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: PZ-8 Slug In	Test well: PZ-8

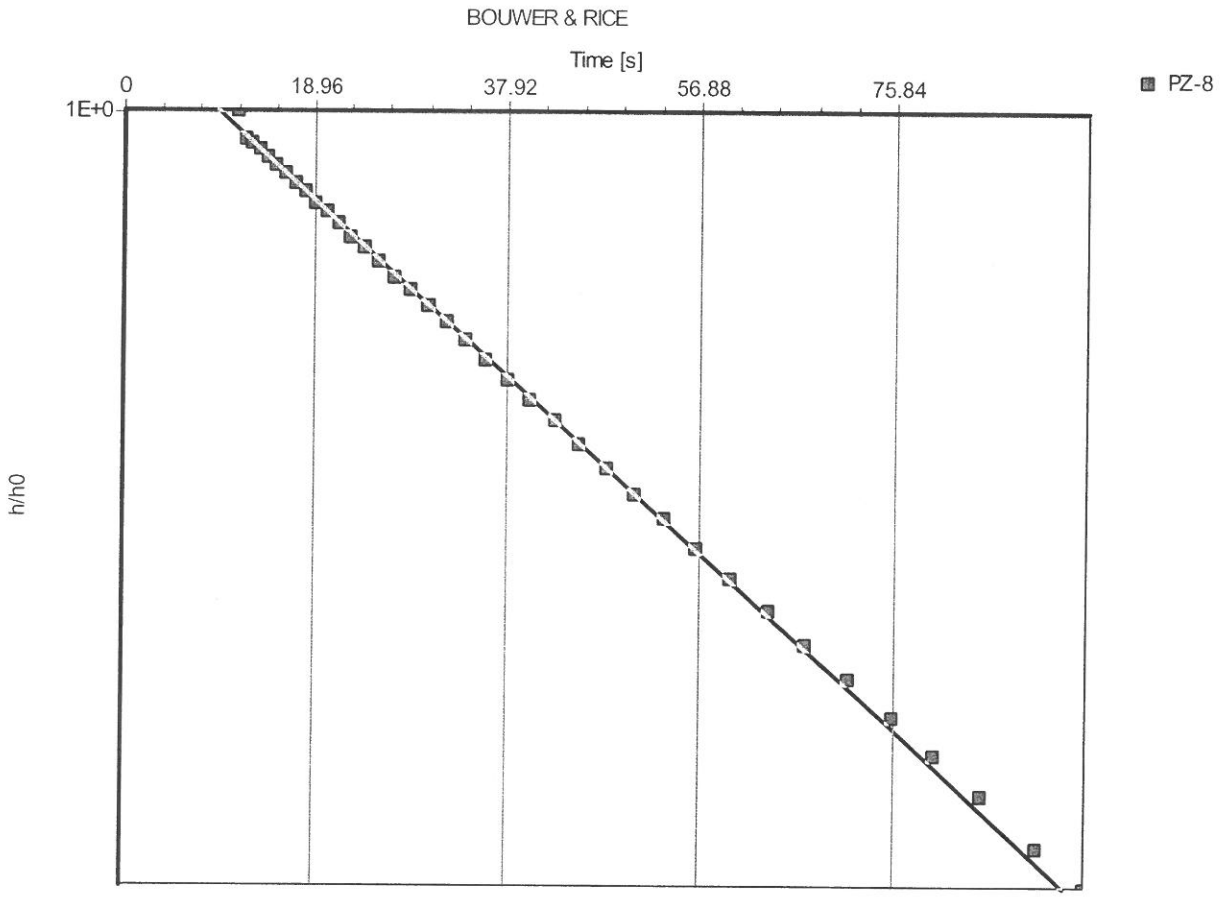
Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: Time vs. Change in waterlevel plot	Aquifer thickness: 975.36



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee

Location: Klockner Properety	Slug test: PZ-8 Slug In	Test well: PZ-8

Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: BOUWER & RICE	Aquifer thickness: 975.36

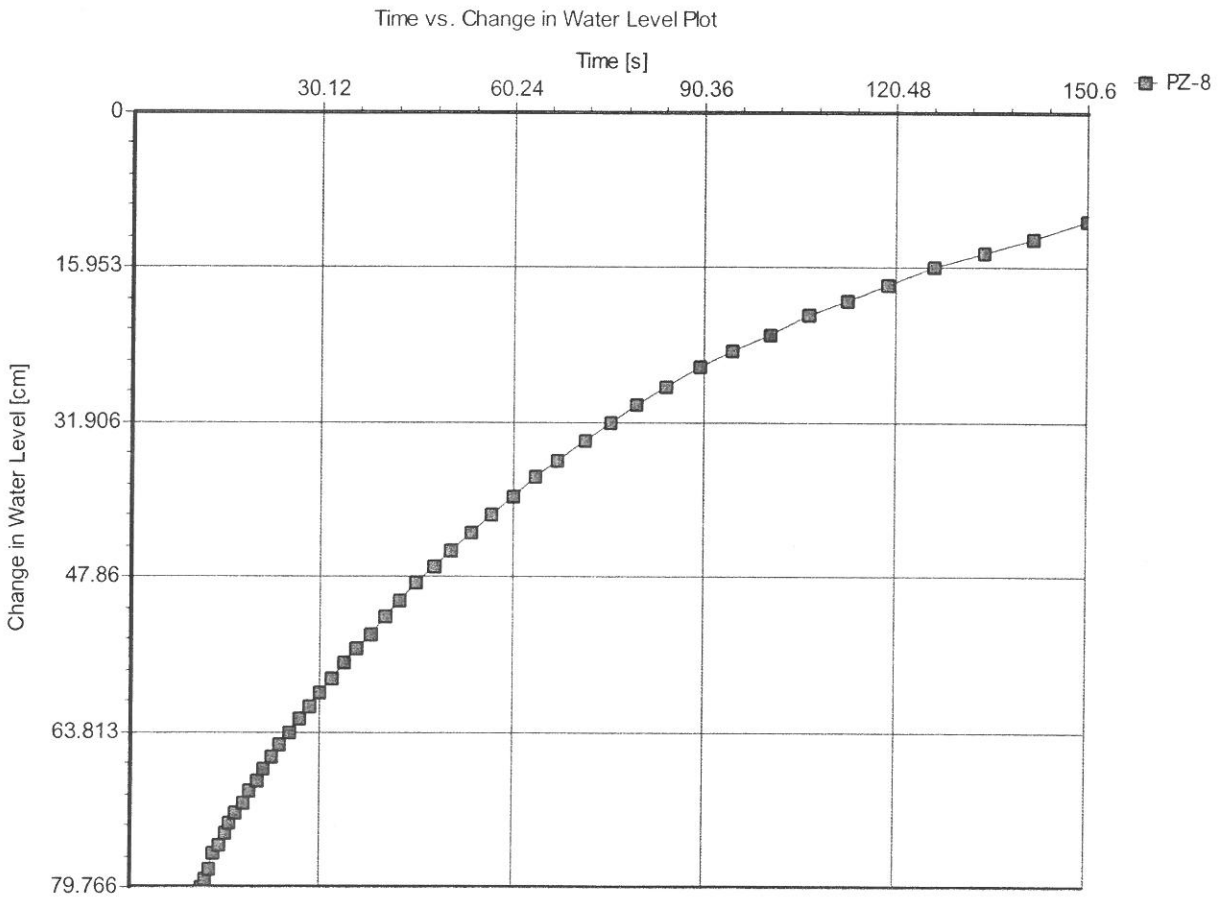


Conductivity: 9.79×10^-4 [cm/s]

Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee	

Location: Klockner Properety	Slug test: PZ-8 Slug Out	Test well: PZ-8

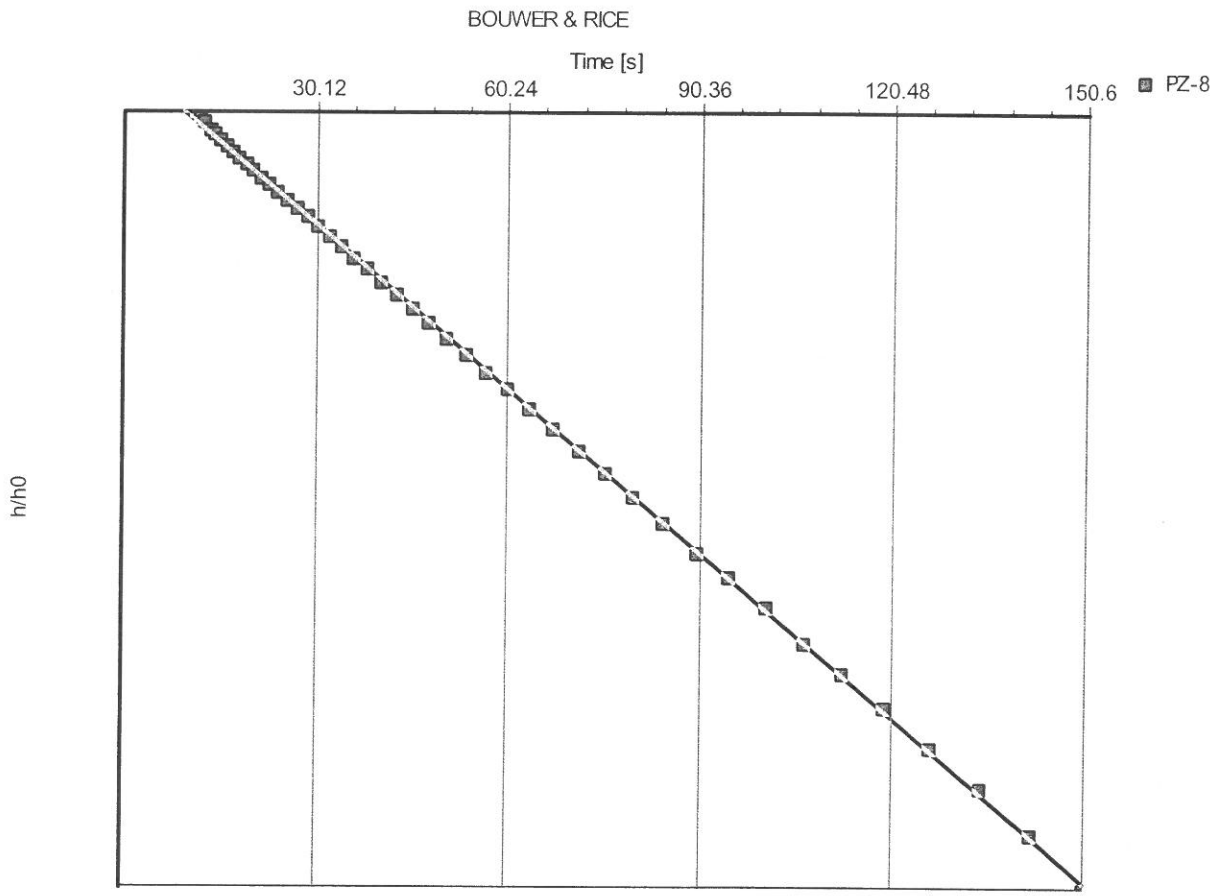
Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: Time vs. Change in waterlevel plot	Aquifer thickness: 975.36



Waterloo Hydrogeologic, Inc. 180 Columbia St. Unit 1104 Waterloo, Ontario, Canada Phone: +1 519 746 1798	**Slug test analysis** No: 53-0636.00 Project: Klockner - Kewaunee Client: City of Kewaunee

Location: Klockner Properety	Slug test: PZ-8 Slug Out	Test well: PZ-8

Test performed by: Jeff Steiner Test date: 2/14/2008	Evaluated by: Jeff Steiner Evaluation date: 2/21/2008
Analysis method: BOUWER & RICE	Aquifer thickness: 975.36



Conductivity: 9.32×10^-4 [cm/s]

CTLaboratories

1230 Lange Court
Baraboo, WI 53913-3109
Phone: (800) 228-3012
Fax: (608) 356-2766
www.ctlaboratories.com

ANALYTICAL REPORT

AYRES ASSOCIATES
JEFF STEINER
1802 PANKRATZ ST
MADISON, WI 53704-4069

Project Name: KLOCKNER
Contract #: 1452
Project #: 53-0636.00
Folder #: 64847
Purchase Order #:
Arrival Temperature: See COC

Report Date: 2/12/2008
Date Received: 1/31/2008

Reprint Date:

CT Lab#: 540110 Sample Description: BGP-1 0-2' Sampled: 1/28/2008 1035

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	84.9	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Organic Results										
Acetone	<12	mg/kg	12	39	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Benzene	<0.37	mg/kg	0.37	1.3	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromobenzene	<0.47	mg/kg	0.47	1.7	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromochloromethane	<0.58	mg/kg	0.58	1.9	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromodichloromethane	<0.47	mg/kg	0.47	1.6	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromoform	<0.68	mg/kg	0.68	2.3	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromomethane	<1.3	mg/kg	1.3	4.2	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Butanone	<7.4	mg/kg	7.4	24	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
n-Butylbenzene	8.4	mg/kg	0.42	1.3	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
sec-Butylbenzene	2.1	mg/kg	0.37	1.3	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
tert-Butylbenzene	<0.42	mg/kg	0.42	1.5	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Carbon disulfide	<1.6	mg/kg	1.6	5.8	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Carbon tetrachloride	<1.1	mg/kg	1.1	3.5	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chlorobenzene	<0.37	mg/kg	0.37	1.3	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dibromochloromethane	<0.58	mg/kg	0.58	1.9	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloroethane	<1.3	mg/kg	1.3	4.2	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloroform	<0.58	mg/kg	0.58	1.9	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloromethane	<0.53	mg/kg	0.53	1.7	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Chlorotoluene	<0.79	mg/kg	0.79	2.6	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
4-Chlorotoluene	<0.37	mg/kg	0.37	1.2	50.0		2/1/2008	2/3/2008	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289
LA NELAP Certification Number: 04091

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540110 Sample Description: BGP-1 0-2' Sampled: 1/28/2008 1035

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2-Dibromo-3-chloropropane	<1.2	mg/kg	1.2	3.9	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dibromoethane	<0.53	mg/kg	0.53	1.8	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dibromomethane	<0.90	mg/kg	0.90	3.0	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichlorobenzene	<0.47	mg/kg	0.47	1.5	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3-Dichlorobenzene	<0.63	mg/kg	0.63	2.0	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,4-Dichlorobenzene	<0.32	mg/kg	0.32	1.1	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dichlorodifluoromethane	<0.74	mg/kg	0.74	2.5	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloroethane	<0.42	mg/kg	0.42	1.4	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichloroethane	<0.37	mg/kg	0.37	1.3	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloroethene	<0.90	mg/kg	0.90	2.9	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
cis-1,2-Dichloroethene	<0.42	mg/kg	0.42	1.4	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
trans-1,2-Dichloroethene	<0.90	mg/kg	0.90	2.9	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichloropropane	<0.47	mg/kg	0.47	1.6	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3-Dichloropropane	<0.26	mg/kg	0.26	0.79	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
2,2-Dichloropropane	<0.47	mg/kg	0.47	1.6	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloropropene	<0.58	mg/kg	0.58	2.0	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
cis-1,3-Dichloropropene	<0.53	mg/kg	0.53	1.7	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
trans-1,3-Dichloropropene	<0.53	mg/kg	0.53	1.8	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Diisopropyl ether	<0.32	mg/kg	0.32	1.1	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Ethylbenzene	2.0	mg/kg	0.37	1.2	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Hexachlorobutadiene	<0.90	mg/kg	0.90	2.9	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Hexanone	<4.7	mg/kg	4.7	15	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Isopropylbenzene	<0.68	mg/kg	0.68	2.3	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
p-Isopropyltoluene	5.6	mg/kg	0.37	1.2	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Methyl tert-butyl ether	<0.47	mg/kg	0.47	1.6	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
4-Methyl-2-pentanone	<4.2	mg/kg	4.2	14	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Methylene chloride	6.4	mg/kg	1.2	3.8	50.0	A	2/1/2008	2/3/2008	APG	EPA 8260B
Naphthalene	4.9	mg/kg	1.3	4.4	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
n-Propylbenzene	1.5	mg/kg	0.63 *	2.2	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Styrene	<0.26	mg/kg	0.26	0.90	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.47	mg/kg	0.47	1.5	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.63	mg/kg	0.63	2.1	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Tetrachloroethene	<0.47	mg/kg	0.47	1.6	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Tetrahydrofuran	<6.8	mg/kg	6.8	23	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Toluene	1.1	mg/kg	0.47 *	1.6	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,3-Trichlorobenzene	<0.90	mg/kg	0.90	2.8	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,4-Trichlorobenzene	<0.63	mg/kg	0.63	2.1	50.0		2/1/2008	2/3/2008	APG	EPA 8260B

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540110 Sample Description: BGP-1 0-2' Sampled: 1/28/2008 1035

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,1,1-Trichloroethane	<0.63	mg/kg	0.63	2.2	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,2-Trichloroethane	<1.1	mg/kg	1.1	3.4	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Trichloroethene	<0.58	mg/kg	0.58	1.9	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Trichlorofluoromethane	<0.95	mg/kg	0.95	3.1	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,3-Trichloropropane	<0.68	mg/kg	0.68	2.4	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,4-Trimethylbenzene	48	mg/kg	0.32	1.1	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3,5-Trimethylbenzene	24	mg/kg	0.37	1.3	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
Vinyl chloride	<0.47	mg/kg	0.47	1.5	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
m & p-Xylene	11	mg/kg	0.79	2.5	50.0		2/1/2008	2/3/2008	APG	EPA 8260B
o-Xylene	1.6	mg/kg	0.68 *	2.3	50.0		2/1/2008	2/3/2008	APG	EPA 8260B

CT Lab#: 540111 Sample Description: BGP-10 0-2' Sampled: 1/28/2008 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	75.3	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Organic Results										
Acetone	0.98	mg/kg	0.28	0.94	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Benzene	<0.0089	mg/kg	0.0089	0.032	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromobenzene	<0.011	mg/kg	0.011	0.041	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromochloromethane	<0.014	mg/kg	0.014	0.046	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromodichloromethane	<0.011	mg/kg	0.011	0.038	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromoform	<0.017	mg/kg	0.017	0.055	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromomethane	<0.031	mg/kg	0.031	0.10	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Butanone	<0.18	mg/kg	0.18	0.57	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
n-Butylbenzene	<0.010	mg/kg	0.010	0.032	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
sec-Butylbenzene	<0.0089	mg/kg	0.0089	0.031	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
tert-Butylbenzene	<0.010	mg/kg	0.010	0.036	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Carbon disulfide	<0.038	mg/kg	0.038	0.14	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Carbon tetrachloride	<0.026	mg/kg	0.026	0.084	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chlorobenzene	<0.0089	mg/kg	0.0089	0.031	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dibromochloromethane	<0.014	mg/kg	0.014	0.046	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloroethane	<0.032	mg/kg	0.032	0.10	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloroform	<0.014	mg/kg	0.014	0.046	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloromethane	<0.013	mg/kg	0.013	0.041	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540111 Sample Description: BGP-10 0-2' Sampled: 1/28/2008 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
2-Chlorotoluene	<0.019	mg/kg	0.019	0.063	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
4-Chlorotoluene	<0.0089	mg/kg	0.0089	0.028	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.028	mg/kg	0.028	0.094	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dibromoethane	<0.013	mg/kg	0.013	0.043	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dibromomethane	<0.022	mg/kg	0.022	0.073	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichlorobenzene	<0.011	mg/kg	0.011	0.037	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3-Dichlorobenzene	<0.015	mg/kg	0.015	0.049	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,4-Dichlorobenzene	<0.0077	mg/kg	0.0077	0.026	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dichlorodifluoromethane	<0.018	mg/kg	0.018	0.061	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloroethane	<0.010	mg/kg	0.010	0.033	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichloroethane	<0.0089	mg/kg	0.0089	0.031	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloroethene	<0.022	mg/kg	0.022	0.070	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
cis-1,2-Dichloroethene	<0.010	mg/kg	0.010	0.033	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
trans-1,2-Dichloroethene	<0.022	mg/kg	0.022	0.072	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichloropropane	<0.011	mg/kg	0.011	0.038	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3-Dichloropropane	<0.0064	mg/kg	0.0064	0.019	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2,2-Dichloropropane	<0.011	mg/kg	0.011	0.038	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloropropene	<0.014	mg/kg	0.014	0.049	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
cis-1,3-Dichloropropene	<0.013	mg/kg	0.013	0.041	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
trans-1,3-Dichloropropene	<0.013	mg/kg	0.013	0.045	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Diisopropyl ether	<0.0077	mg/kg	0.0077	0.027	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Ethylbenzene	<0.0089	mg/kg	0.0089	0.029	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Hexachlorobutadiene	<0.022	mg/kg	0.022	0.072	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Hexanone	<0.11	mg/kg	0.11	0.37	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Isopropylbenzene	<0.017	mg/kg	0.017	0.055	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
p-Isopropyltoluene	<0.0089	mg/kg	0.0089	0.029	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Methyl tert-butyl ether	<0.011	mg/kg	0.011	0.038	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
4-Methyl-2-pentanone	<0.10	mg/kg	0.10	0.34	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Methylene chloride	<0.028	mg/kg	0.028	0.092	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Naphthalene	0.045	mg/kg	0.032 *	0.11	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
n-Propylbenzene	<0.015	mg/kg	0.015	0.054	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Styrene	<0.0064	mg/kg	0.0064	0.022	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.011	mg/kg	0.011	0.037	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.015	mg/kg	0.015	0.051	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Tetrachloroethene	<0.011	mg/kg	0.011	0.038	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Tetrahydrofuran	<0.17	mg/kg	0.17	0.55	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Toluene	0.028	mg/kg	0.011 *	0.040	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540111 Sample Description: BGP-10 0-2' Sampled: 1/28/2008 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.022	0.068	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,4-Trichlorobenzene	<0.015	mg/kg	0.015	0.050	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,1-Trichloroethane	<0.015	mg/kg	0.015	0.052	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,2-Trichloroethane	<0.026	mg/kg	0.026	0.083	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Trichloroethene	<0.014	mg/kg	0.014	0.046	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Trichlorofluoromethane	<0.023	mg/kg	0.023	0.074	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,3-Trichloropropane	<0.017	mg/kg	0.017	0.057	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,4-Trimethylbenzene	0.034	mg/kg	0.0077	0.027	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3,5-Trimethylbenzene	<0.0089	mg/kg	0.0089	0.031	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Vinyl chloride	<0.011	mg/kg	0.011	0.037	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
m & p-Xylene	0.031	mg/kg	0.019 *	0.061	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
o-Xylene	0.024	mg/kg	0.017 *	0.055	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

CT Lab#: 540112 Sample Description: BGP-22 0-2' Sampled: 1/28/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	86.4	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Organic Results										
Acetone	0.68	mg/kg	0.22 *	0.74	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Benzene	0.018	mg/kg	0.0070 *	0.025	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromobenzene	<0.0090	mg/kg	0.0090	0.032	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromochloromethane	<0.011	mg/kg	0.011	0.036	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromodichloromethane	<0.0090	mg/kg	0.0090	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromoform	<0.013	mg/kg	0.013	0.043	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromomethane	<0.024	mg/kg	0.024	0.080	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Butanone	<0.14	mg/kg	0.14	0.45	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
n-Butylbenzene	<0.0080	mg/kg	0.0080	0.025	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
sec-Butylbenzene	<0.0070	mg/kg	0.0070	0.024	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
tert-Butylbenzene	<0.0080	mg/kg	0.0080	0.028	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Carbon disulfide	<0.030	mg/kg	0.030	0.11	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Carbon tetrachloride	<0.020	mg/kg	0.020	0.066	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chlorobenzene	<0.0070	mg/kg	0.0070	0.024	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dibromochloromethane	<0.011	mg/kg	0.011	0.036	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloroethane	<0.025	mg/kg	0.025	0.080	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540112 Sample Description: BGP-22 0-2' Sampled: 1/28/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Chloroform	<0.011	mg/kg	0.011	0.036	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloromethane	<0.010	mg/kg	0.010	0.032	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Chlorotoluene	<0.015	mg/kg	0.015	0.049	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
4-Chlorotoluene	<0.0070	mg/kg	0.0070	0.022	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.022	mg/kg	0.022	0.074	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dibromoethane	<0.010	mg/kg	0.010	0.034	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dibromomethane	<0.017	mg/kg	0.017	0.057	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichlorobenzene	<0.0090	mg/kg	0.0090	0.029	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3-Dichlorobenzene	<0.012	mg/kg	0.012	0.038	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,4-Dichlorobenzene	<0.0060	mg/kg	0.0060	0.020	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dichlorodifluoromethane	<0.014	mg/kg	0.014	0.048	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloroethane	<0.0080	mg/kg	0.0080	0.026	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichloroethane	<0.0070	mg/kg	0.0070	0.024	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloroethene	<0.017	mg/kg	0.017	0.055	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
cis-1,2-Dichloroethene	<0.0080	mg/kg	0.0080	0.026	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
trans-1,2-Dichloroethene	<0.017	mg/kg	0.017	0.056	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichloropropane	<0.0090	mg/kg	0.0090	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3-Dichloropropane	<0.0050	mg/kg	0.0050	0.015	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2,2-Dichloropropane	<0.0090	mg/kg	0.0090	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloropropene	<0.011	mg/kg	0.011	0.038	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
cis-1,3-Dichloropropene	<0.010	mg/kg	0.010	0.032	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
trans-1,3-Dichloropropene	<0.010	mg/kg	0.010	0.035	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Diisopropyl ether	<0.0060	mg/kg	0.0060	0.021	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Ethylbenzene	0.029	mg/kg	0.0070	0.023	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Hexachlorobutadiene	<0.017	mg/kg	0.017	0.056	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Hexanone	<0.090	mg/kg	0.090	0.29	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Isopropylbenzene	<0.013	mg/kg	0.013	0.043	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
p-Isopropyltoluene	<0.0070	mg/kg	0.0070	0.023	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Methyl tert-butyl ether	<0.0090	mg/kg	0.0090	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
4-Methyl-2-pentanone	<0.080	mg/kg	0.080	0.27	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Methylene chloride	<0.022	mg/kg	0.022	0.072	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Naphthalene	0.032	mg/kg	0.025 *	0.084	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
n-Propylbenzene	<0.012	mg/kg	0.012	0.042	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Styrene	<0.0050	mg/kg	0.0050	0.017	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.0090	mg/kg	0.0090	0.029	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.012	mg/kg	0.012	0.040	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Tetrachloroethene	<0.0090	mg/kg	0.0090	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540112 Sample Description: BGP-22 0-2' Sampled: 1/28/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Tetrahydrofuran	<0.13	mg/kg	0.13	0.43	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Toluene	0.11	mg/kg	0.0090	0.031	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,3-Trichlorobenzene	<0.017	mg/kg	0.017	0.053	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,4-Trichlorobenzene	<0.012	mg/kg	0.012	0.039	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,1-Trichloroethane	<0.012	mg/kg	0.012	0.041	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,2-Trichloroethane	<0.020	mg/kg	0.020	0.065	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Trichloroethene	0.013	mg/kg	0.011 *	0.036	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Trichlorofluoromethane	<0.018	mg/kg	0.018	0.058	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,3-Trichloropropane	<0.013	mg/kg	0.013	0.045	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,4-Trimethylbenzene	0.034	mg/kg	0.0060	0.021	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3,5-Trimethylbenzene	0.028	mg/kg	0.0070	0.024	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Vinyl chloride	<0.0090	mg/kg	0.0090	0.029	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
m & p-Xylene	0.24	mg/kg	0.015	0.048	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
o-Xylene	0.092	mg/kg	0.013	0.043	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

CT Lab#: 540113 Sample Description: BGP-26 0-2' Sampled: 1/28/2008 1045

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	93.8	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Organic Results										
Acetone	0.85	mg/kg	0.22	0.76	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Benzene	<0.0071	mg/kg	0.0071	0.026	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromobenzene	<0.0092	mg/kg	0.0092	0.033	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromochloromethane	<0.011	mg/kg	0.011	0.037	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromodichloromethane	<0.0092	mg/kg	0.0092	0.031	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromoform	<0.013	mg/kg	0.013	0.044	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromomethane	<0.025	mg/kg	0.025	0.082	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Butanone	<0.14	mg/kg	0.14	0.46	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
n-Butylbenzene	<0.0082	mg/kg	0.0082	0.026	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
sec-Butylbenzene	<0.0071	mg/kg	0.0071	0.025	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
tert-Butylbenzene	<0.0082	mg/kg	0.0082	0.029	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Carbon disulfide	<0.031	mg/kg	0.031	0.11	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Carbon tetrachloride	<0.020	mg/kg	0.020	0.067	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chlorobenzene	<0.0071	mg/kg	0.0071	0.025	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540113 Sample Description: BGP-26 0-2' Sampled: 1/28/2008 1045

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Dibromochloromethane	<0.011	mg/kg	0.011	0.037	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloroethane	<0.026	mg/kg	0.026	0.082	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloroform	<0.011	mg/kg	0.011	0.037	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloromethane	<0.010	mg/kg	0.010	0.033	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Chlorotoluene	<0.015	mg/kg	0.015	0.050	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
4-Chlorotoluene	<0.0071	mg/kg	0.0071	0.022	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.022	mg/kg	0.022	0.076	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dibromoethane	<0.010	mg/kg	0.010	0.035	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dibromomethane	<0.017	mg/kg	0.017	0.058	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichlorobenzene	<0.0092	mg/kg	0.0092	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3-Dichlorobenzene	<0.012	mg/kg	0.012	0.039	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,4-Dichlorobenzene	<0.0061	mg/kg	0.0061	0.020	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dichlorodifluoromethane	<0.014	mg/kg	0.014	0.049	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloroethane	<0.0082	mg/kg	0.0082	0.027	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichloroethane	<0.0071	mg/kg	0.0071	0.025	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloroethene	<0.017	mg/kg	0.017	0.056	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
cis-1,2-Dichloroethene	0.023	mg/kg	0.0082 *	0.027	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
trans-1,2-Dichloroethene	<0.017	mg/kg	0.017	0.057	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichloropropane	<0.0092	mg/kg	0.0092	0.031	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3-Dichloropropane	<0.0051	mg/kg	0.0051	0.015	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2,2-Dichloropropane	<0.0092	mg/kg	0.0092	0.031	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloropropene	<0.011	mg/kg	0.011	0.039	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
cis-1,3-Dichloropropene	<0.010	mg/kg	0.010	0.033	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
trans-1,3-Dichloropropene	<0.010	mg/kg	0.010	0.036	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Diisopropyl ether	<0.0061	mg/kg	0.0061	0.021	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Ethylbenzene	<0.0071	mg/kg	0.0071	0.023	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Hexachlorobutadiene	<0.017	mg/kg	0.017	0.057	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Hexanone	<0.092	mg/kg	0.092	0.30	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Isopropylbenzene	<0.013	mg/kg	0.013	0.044	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
p-Isopropyltoluene	<0.0071	mg/kg	0.0071	0.023	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Methyl tert-butyl ether	<0.0092	mg/kg	0.0092	0.031	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
4-Methyl-2-pentanone	<0.082	mg/kg	0.082	0.28	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Methylene chloride	<0.022	mg/kg	0.022	0.074	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Naphthalene	0.026	mg/kg	0.026 *	0.086	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
n-Propylbenzene	<0.012	mg/kg	0.012	0.043	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Styrene	<0.0051	mg/kg	0.0051	0.017	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.0092	mg/kg	0.0092	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540113 Sample Description: BGP-26 0-2' Sampled: 1/28/2008 1045

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,1,2,2-Tetrachloroethane	<0.012	mg/kg	0.012	0.041	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Tetrachloroethene	<0.0092	mg/kg	0.0092	0.031	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Tetrahydrofuran	<0.13	mg/kg	0.13	0.44	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Toluene	0.014	mg/kg	0.0092 *	0.032	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,3-Trichlorobenzene	<0.017	mg/kg	0.017	0.054	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,4-Trichlorobenzene	<0.012	mg/kg	0.012	0.040	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,1-Trichloroethane	<0.012	mg/kg	0.012	0.042	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,2-Trichloroethane	<0.020	mg/kg	0.020	0.066	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Trichloroethene	0.029	mg/kg	0.011 *	0.037	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Trichlorofluoromethane	<0.018	mg/kg	0.018	0.059	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,3-Trichloropropane	<0.013	mg/kg	0.013	0.046	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,4-Trimethylbenzene	<0.0061	mg/kg	0.0061	0.021	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3,5-Trimethylbenzene	<0.0071	mg/kg	0.0071	0.025	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Vinyl chloride	<0.0092	mg/kg	0.0092	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
m & p-Xylene	<0.015	mg/kg	0.015	0.049	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
o-Xylene	<0.013	mg/kg	0.013	0.044	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

CT Lab#: 540114 Sample Description: COMP 1 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	82.8	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Metals Results										
Arsenic	11.6	mg/kg	0.70	2.3	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Cadmium	<0.070	mg/kg	0.070	0.22	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Chromium	22.1	mg/kg	0.46	1.6	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Lead	116	mg/kg	0.35	1.1	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	1.6	mg/kg	0.58 *	1.8	20.0	P	2/1/2008	2/11/2008	RED	EPA 8310
2-Methylnaphthalene	3.7	mg/kg	0.60	1.9	20.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthene	<0.58	mg/kg	0.58	1.8	20.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthylene	<0.75	mg/kg	0.75	2.3	20.0		2/1/2008	2/11/2008	RED	EPA 8310
Anthracene	0.88	mg/kg	0.072	0.22	20.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)anthracene	1.5	mg/kg	0.12	0.36	100.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)pyrene	1.8	mg/kg	0.072	0.19	20.0		2/1/2008	2/11/2008	RED	EPA 8310

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540114 Sample Description: COMP 1 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Benzo(b)fluoranthene	1.8	mg/kg	0.048	0.14	20.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(g,h,i)perylene	0.99	mg/kg	0.14	0.46	20.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(k)fluoranthene	0.68	mg/kg	0.072	0.19	20.0		2/1/2008	2/11/2008	RED	EPA 8310
Chrysene	2.0	mg/kg	0.072	0.19	20.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.12	mg/kg	0.12	0.36	20.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluoranthene	6.8	mg/kg	0.24	0.48	100.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluorene	0.90	mg/kg	0.14	0.43	20.0		2/1/2008	2/11/2008	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	1.2	mg/kg	0.072	0.22	20.0		2/1/2008	2/11/2008	RED	EPA 8310
Naphthalene	7.9	mg/kg	0.50	1.5	20.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Phenanthrene	6.2	mg/kg	0.072	0.22	20.0		2/1/2008	2/11/2008	RED	EPA 8310
Pyrene	5.2	mg/kg	0.072	0.22	20.0	P	2/1/2008	2/11/2008	RED	EPA 8310

CT Lab#: 540115 Sample Description: COMP 2 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	88.1	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Metals Results										
Arsenic	2.0	mg/kg	0.67 *	2.2	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Cadmium	<0.067	mg/kg	0.067	0.21	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Chromium	6.1	mg/kg	0.45	1.6	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Lead	14.5	mg/kg	0.33	1.1	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	0.90	mg/kg	0.14	0.42	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
2-Methylnaphthalene	<0.14	mg/kg	0.14	0.44	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthene	<0.14	mg/kg	0.14	0.43	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthylene	<0.18	mg/kg	0.18	0.54	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Anthracene	<0.17	mg/kg	0.17	0.51	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)anthracene	0.43	mg/kg	0.0057	0.017	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)pyrene	0.44	mg/kg	0.017	0.045	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(b)fluoranthene	0.55	mg/kg	0.011	0.034	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(g,h,i)perylene	0.29	mg/kg	0.034	0.11	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(k)fluoranthene	0.18	mg/kg	0.017	0.045	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Chrysene	0.77	mg/kg	0.017	0.045	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.028	mg/kg	0.028	0.085	5.0		2/1/2008	2/11/2008	RED	EPA 8310

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540115 Sample Description: COMP 2 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Fluoranthene	1.7	mg/kg	0.11	0.23	50.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Fluorene	0.062	mg/kg	0.034 *	0.10	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	0.33	mg/kg	0.017	0.051	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Naphthalene	3.5	mg/kg	0.12	0.36	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Phenanthrene	1.3	mg/kg	0.017	0.051	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Pyrene	1.3	mg/kg	0.017	0.051	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310

CT Lab#: 540116 Sample Description: COMP 3 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	95.3	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Metals Results										
Arsenic	1.4	mg/kg	0.66 *	2.2	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Cadmium	<0.066	mg/kg	0.066	0.21	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Chromium	9.5	mg/kg	0.44	1.5	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Lead	4.2	mg/kg	0.33	1.1	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B

CT Lab#: 540117 Sample Description: COMP 4 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	82.6	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Metals Results										
Arsenic	0.82	mg/kg	0.73 *	2.4	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Cadmium	<0.073	mg/kg	0.073	0.23	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Chromium	6.7	mg/kg	0.48	1.7	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Lead	182	mg/kg	0.36	1.2	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	<0.15	mg/kg	0.15	0.45	5.0		2/1/2008	2/11/2008	RED	EPA 8310
2-Methylnaphthalene	<0.15	mg/kg	0.15	0.47	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthene	<0.15	mg/kg	0.15	0.46	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthylene	<0.19	mg/kg	0.19	0.58	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Anthracene	<0.018	mg/kg	0.018	0.055	5.0		2/1/2008	2/11/2008	RED	EPA 8310

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540117 Sample Description: COMP 4 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Benzo(a)anthracene	0.015	mg/kg	0.0061 *	0.018	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)pyrene	0.062	mg/kg	0.018	0.049	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Benzo(b)fluoranthene	0.034	mg/kg	0.012 *	0.037	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(g,h,i)perylene	<0.037	mg/kg	0.037	0.12	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(k)fluoranthene	0.029	mg/kg	0.018 *	0.049	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Chrysene	<0.018	mg/kg	0.018	0.049	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.030	mg/kg	0.030	0.091	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluoranthene	0.16	mg/kg	0.012	0.024	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Fluorene	<0.037	mg/kg	0.037	0.11	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.018	mg/kg	0.018	0.055	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Naphthalene	0.70	mg/kg	0.13	0.39	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Phenanthrene	0.28	mg/kg	0.018	0.055	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Pyrene	<0.018	mg/kg	0.018	0.055	5.0		2/1/2008	2/11/2008	RED	EPA 8310

CT Lab#: 540118 Sample Description: COMP 5 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	89.1	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Metals Results										
Arsenic	2.6	mg/kg	0.65	2.2	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Cadmium	<0.065	mg/kg	0.065	0.21	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Chromium	8.0	mg/kg	0.43	1.5	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Lead	37.8	mg/kg	0.32	1.1	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	<0.13	mg/kg	0.13	0.41	5.0		2/1/2008	2/11/2008	RED	EPA 8310
2-Methylnaphthalene	<0.14	mg/kg	0.14	0.43	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthene	<0.13	mg/kg	0.13	0.43	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthylene	<0.17	mg/kg	0.17	0.54	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Anthracene	<0.017	mg/kg	0.017	0.050	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)anthracene	0.027	mg/kg	0.0056	0.017	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)pyrene	0.063	mg/kg	0.017	0.045	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(b)fluoranthene	0.068	mg/kg	0.011	0.034	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(g,h,i)perylene	<0.034	mg/kg	0.034	0.11	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(k)fluoranthene	<0.017	mg/kg	0.017	0.045	5.0		2/1/2008	2/11/2008	RED	EPA 8310

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540118 Sample Description: COMP 5 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Chrysene	<0.017	mg/kg	0.017	0.045	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.028	mg/kg	0.028	0.084	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluoranthene	0.19	mg/kg	0.011	0.022	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Fluorene	<0.034	mg/kg	0.034	0.10	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.017	mg/kg	0.017	0.050	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Naphthalene	0.39	mg/kg	0.12	0.36	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Phenanthrene	0.17	mg/kg	0.017	0.050	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Pyrene	<0.017	mg/kg	0.017	0.050	5.0		2/1/2008	2/11/2008	RED	EPA 8310

CT Lab#: 540119 Sample Description: COMP 6 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	91.7	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Metals Results										
Arsenic	8.0	mg/kg	0.64	2.1	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Cadmium	<0.064	mg/kg	0.064	0.20	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Chromium	11.8	mg/kg	0.43	1.5	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Lead	1070	mg/kg	0.32	1.1	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	0.22	mg/kg	0.13 *	0.40	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
2-Methylnaphthalene	<0.14	mg/kg	0.14	0.42	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthene	<0.13	mg/kg	0.13	0.41	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthylene	<0.17	mg/kg	0.17	0.52	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Anthracene	0.079	mg/kg	0.016	0.049	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)anthracene	0.065	mg/kg	0.0055	0.016	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)pyrene	0.12	mg/kg	0.016	0.044	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(b)fluoranthene	0.15	mg/kg	0.011	0.033	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(g,h,i)perylene	0.068	mg/kg	0.033 *	0.10	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(k)fluoranthene	0.043	mg/kg	0.016 *	0.044	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Chrysene	0.11	mg/kg	0.016	0.044	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.027	mg/kg	0.027	0.082	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluoranthene	0.54	mg/kg	0.011	0.022	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluorene	<0.033	mg/kg	0.033	0.098	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	0.073	mg/kg	0.016	0.049	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540119 Sample Description: COMP 6 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Naphthalene	0.55	mg/kg	0.11	0.35	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Phenanthrene	0.43	mg/kg	0.016	0.049	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Pyrene	0.19	mg/kg	0.016	0.049	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310

CT Lab#: 540120 Sample Description: COMP 7 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	92.9	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Metals Results										
Arsenic	<0.65	mg/kg	0.65	2.2	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Cadmium	<0.065	mg/kg	0.065	0.20	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Chromium	5.2	mg/kg	0.43	1.5	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Lead	18.3	mg/kg	0.32	1.1	1.0		1/31/2008	2/4/2008	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	0.18	mg/kg	0.13 *	0.40	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
2-Methylnaphthalene	<0.14	mg/kg	0.13	0.41	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthene	<0.13	mg/kg	0.13	0.41	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthylene	<0.17	mg/kg	0.17	0.51	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Anthracene	0.035	mg/kg	0.016 *	0.048	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)anthracene	0.096	mg/kg	0.0054	0.016	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)pyrene	0.16	mg/kg	0.016	0.043	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(b)fluoranthene	0.20	mg/kg	0.011	0.032	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(g,h,i)perylene	0.090	mg/kg	0.032 *	0.10	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(k)fluoranthene	0.057	mg/kg	0.016	0.043	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Chrysene	0.16	mg/kg	0.016	0.043	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.027	mg/kg	0.027	0.080	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluoranthene	0.48	mg/kg	0.011	0.021	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluorene	<0.032	mg/kg	0.032	0.096	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	0.12	mg/kg	0.016	0.048	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Naphthalene	0.85	mg/kg	0.11	0.34	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Phenanthrene	0.32	mg/kg	0.016	0.048	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Pyrene	0.31	mg/kg	0.016	0.048	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540121 Sample Description: COMP 8 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	92.0	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Metals Results										
Arsenic	9.4	mg/kg	0.65	2.2	1.0		1/31/2008	2/11/2008	NAH	EPA 6010B
Cadmium	<0.065	mg/kg	0.065	0.21	1.0		1/31/2008	2/11/2008	NAH	EPA 6010B
Chromium	10.2	mg/kg	0.43	1.5	1.0		1/31/2008	2/11/2008	NAH	EPA 6010B
Lead	73.8	mg/kg	0.33	1.1	1.0		1/31/2008	2/11/2008	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	<0.13	mg/kg	0.13	0.40	5.0		2/1/2008	2/11/2008	RED	EPA 8310
2-Methylnaphthalene	<0.14	mg/kg	0.14	0.42	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthene	<0.13	mg/kg	0.13	0.41	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthylene	<0.17	mg/kg	0.17	0.52	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Anthracene	0.052	mg/kg	0.016	0.049	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)anthracene	0.16	mg/kg	0.0054	0.016	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)pyrene	0.21	mg/kg	0.016	0.043	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(b)fluoranthene	0.29	mg/kg	0.011	0.033	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(g,h,i)perylene	0.14	mg/kg	0.033	0.10	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(k)fluoranthene	0.083	mg/kg	0.016	0.043	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Chrysene	0.18	mg/kg	0.016	0.043	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.027	mg/kg	0.027	0.082	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluoranthene	0.46	mg/kg	0.011	0.022	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluorene	<0.033	mg/kg	0.033	0.098	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	0.18	mg/kg	0.016	0.049	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Naphthalene	0.66	mg/kg	0.11	0.35	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Phenanthrene	0.31	mg/kg	0.016	0.049	5.0		2/1/2008	2/11/2008	RED	EPA 8310
Pyrene	0.27	mg/kg	0.016	0.049	5.0	P	2/1/2008	2/11/2008	RED	EPA 8310

CT Lab#: 540122 Sample Description: COMP 9 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	88.5	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Metals Results										
Arsenic	2.4	mg/kg	0.63	2.1	1.0		1/31/2008	2/6/2008	NAH	EPA 6010B

WI DNR Lab Certification Number: 15-7066030
DATCP Certification Number: 105-000289
LA NELAP Certification Number: 04091

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540122 Sample Description: COMP 9 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Cadmium	<0.063	mg/kg	0.063	0.20	1.0		1/31/2008	2/7/2008	NAH	EPA 6010B
Chromium	8.3	mg/kg	0.42	1.5	1.0		1/31/2008	2/6/2008	NAH	EPA 6010B
Lead	230	mg/kg	0.31	1.0	1.0		1/31/2008	2/6/2008	NAH	EPA 6010B

CT Lab#: 540123 Sample Description: COMP 10 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	92.8	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Metals Results										
Arsenic	<0.63	mg/kg	0.63	2.1	1.0		1/31/2008	2/6/2008	NAH	EPA 6010B
Cadmium	<0.063	mg/kg	0.063	0.20	1.0		1/31/2008	2/7/2008	NAH	EPA 6010B
Chromium	5.5	mg/kg	0.42	1.5	1.0		1/31/2008	2/6/2008	NAH	EPA 6010B
Lead	19.0	mg/kg	0.32	1.0	1.0		1/31/2008	2/6/2008	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	<1.3	mg/kg	1.3	4.0	50.0		2/1/2008	2/11/2008	RED	EPA 8310
2-Methylnaphthalene	<1.4	mg/kg	1.4	4.2	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthene	<1.3	mg/kg	1.3	4.1	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthylene	<1.7	mg/kg	1.7	5.2	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Anthracene	<0.16	mg/kg	0.16	0.49	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)anthracene	<0.054	mg/kg	0.054	0.16	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)pyrene	<0.16	mg/kg	0.16	0.43	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(b)fluoranthene	0.48	mg/kg	0.11	0.32	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(g,h,i)perylene	<0.32	mg/kg	0.32	1.0	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(k)fluoranthene	0.34	mg/kg	0.16 *	0.43	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Chrysene	<0.16	mg/kg	0.16	0.43	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.27	mg/kg	0.27	0.81	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluoranthene	<0.11	mg/kg	0.11	0.22	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluorene	<0.32	mg/kg	0.32	0.97	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.16	mg/kg	0.16	0.49	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Naphthalene	<1.1	mg/kg	1.1	3.5	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Phenanthrene	0.30	mg/kg	0.16 *	0.49	50.0		2/1/2008	2/11/2008	RED	EPA 8310
Pyrene	<0.16	mg/kg	0.16	0.49	50.0		2/1/2008	2/11/2008	RED	EPA 8310

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540124 Sample Description: COMP 11 Sampled: 1/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Inorganic Results										
Solids, Percent	90.6	%	N/A	N/A	1.0			1/31/2008	KMB	EPA 8000C
Metals Results										
Arsenic	1.4	mg/kg	0.68 *	2.3	1.0		1/31/2008	2/6/2008	NAH	EPA 6010B
Cadmium	<0.068	mg/kg	0.068	0.21	1.0		1/31/2008	2/7/2008	NAH	EPA 6010B
Chromium	10.8	mg/kg	0.45	1.6	1.0		1/31/2008	2/6/2008	NAH	EPA 6010B
Lead	101	mg/kg	0.34	1.1	1.0		1/31/2008	2/6/2008	NAH	EPA 6010B
Organic Results										
1-Methylnaphthalene	0.27	mg/kg	0.027	0.082	1.0	P	2/1/2008	2/11/2008	RED	EPA 8310
2-Methylnaphthalene	<0.028	mg/kg	0.028	0.085	1.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthene	<0.027	mg/kg	0.027	0.084	1.0		2/1/2008	2/11/2008	RED	EPA 8310
Acenaphthylene	<0.034	mg/kg	0.034	0.11	1.0		2/1/2008	2/11/2008	RED	EPA 8310
Anthracene	0.026	mg/kg	0.0033	0.010	1.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)anthracene	0.051	mg/kg	0.0011	0.0033	1.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(a)pyrene	0.086	mg/kg	0.0033	0.0089	1.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(b)fluoranthene	0.039	mg/kg	0.0022	0.0067	1.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(g,h,i)perylene	0.067	mg/kg	0.0067	0.021	1.0		2/1/2008	2/11/2008	RED	EPA 8310
Benzo(k)fluoranthene	0.035	mg/kg	0.0033	0.0089	1.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Chrysene	0.10	mg/kg	0.0033	0.0089	1.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.0055	mg/kg	0.0055	0.017	1.0		2/1/2008	2/11/2008	RED	EPA 8310
Fluoranthene	0.31	mg/kg	0.022	0.044	10.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Fluorene	<0.0067	mg/kg	0.0067	0.020	1.0		2/1/2008	2/11/2008	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	0.053	mg/kg	0.0033	0.010	1.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Naphthalene	0.74	mg/kg	0.023	0.071	1.0	P	2/1/2008	2/11/2008	RED	EPA 8310
Phenanthrene	0.29	mg/kg	0.0033	0.010	1.0		2/1/2008	2/11/2008	RED	EPA 8310
Pyrene	0.074	mg/kg	0.0033	0.010	1.0	P	2/1/2008	2/11/2008	RED	EPA 8310

CT Lab#: 540125 Sample Description: METHANOL BLANK Sampled: 10/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Organic Results										
Acetone	0.67	mg/kg	0.22 *	0.74	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Benzene	<0.0070	mg/kg	0.0070	0.025	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromobenzene	<0.0090	mg/kg	0.0090	0.032	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540125 Sample Description: METHANOL BLANK Sampled: 10/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Bromochloromethane	<0.011	mg/kg	0.011	0.036	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromodichloromethane	<0.0090	mg/kg	0.0090	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromoform	<0.013	mg/kg	0.013	0.043	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Bromomethane	<0.024	mg/kg	0.024	0.080	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Butanone	<0.14	mg/kg	0.14	0.45	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
n-Butylbenzene	<0.0080	mg/kg	0.0080	0.025	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
sec-Butylbenzene	<0.0070	mg/kg	0.0070	0.024	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
tert-Butylbenzene	<0.0080	mg/kg	0.0080	0.028	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Carbon disulfide	<0.030	mg/kg	0.030	0.11	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Carbon tetrachloride	<0.020	mg/kg	0.020	0.066	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chlorobenzene	<0.0070	mg/kg	0.0070	0.024	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dibromochloromethane	<0.011	mg/kg	0.011	0.036	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloroethane	<0.025	mg/kg	0.025	0.080	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloroform	<0.011	mg/kg	0.011	0.036	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Chloromethane	<0.010	mg/kg	0.010	0.032	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Chlorotoluene	<0.015	mg/kg	0.015	0.049	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
4-Chlorotoluene	<0.0070	mg/kg	0.0070	0.022	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.022	mg/kg	0.022	0.074	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dibromoethane	<0.010	mg/kg	0.010	0.034	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dibromomethane	<0.017	mg/kg	0.017	0.057	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichlorobenzene	<0.0090	mg/kg	0.0090	0.029	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3-Dichlorobenzene	<0.012	mg/kg	0.012	0.038	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,4-Dichlorobenzene	<0.0060	mg/kg	0.0060	0.020	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Dichlorodifluoromethane	<0.014	mg/kg	0.014	0.048	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloroethane	<0.0080	mg/kg	0.0080	0.026	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichloroethane	<0.0070	mg/kg	0.0070	0.024	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloroethene	<0.017	mg/kg	0.017	0.055	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
cis-1,2-Dichloroethene	<0.0080	mg/kg	0.0080	0.026	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
trans-1,2-Dichloroethene	<0.017	mg/kg	0.017	0.056	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2-Dichloropropane	<0.0090	mg/kg	0.0090	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3-Dichloropropane	<0.0050	mg/kg	0.0050	0.015	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2,2-Dichloropropane	<0.0090	mg/kg	0.0090	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1-Dichloropropene	<0.011	mg/kg	0.011	0.038	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
cis-1,3-Dichloropropene	<0.010	mg/kg	0.010	0.032	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
trans-1,3-Dichloropropene	<0.010	mg/kg	0.010	0.035	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Diisopropyl ether	<0.0060	mg/kg	0.0060	0.021	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Ethylbenzene	<0.0070	mg/kg	0.0070	0.023	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

Solid sample results reported on a Dry Weight Basis

CT Lab#: 540125 Sample Description: METHANOL BLANK Sampled: 10/28/2008

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Hexachlorobutadiene	<0.017	mg/kg	0.017	0.056	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
2-Hexanone	<0.090	mg/kg	0.090	0.29	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Isopropylbenzene	<0.013	mg/kg	0.013	0.043	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
p-Isopropyltoluene	<0.0070	mg/kg	0.0070	0.023	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Methyl tert-butyl ether	<0.0090	mg/kg	0.0090	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
4-Methyl-2-pentanone	<0.080	mg/kg	0.080	0.27	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Methylene chloride	<0.022	mg/kg	0.022	0.072	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Naphthalene	<0.025	mg/kg	0.025	0.084	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
n-Propylbenzene	<0.012	mg/kg	0.012	0.042	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Styrene	<0.0050	mg/kg	0.0050	0.017	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.0090	mg/kg	0.0090	0.029	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.012	mg/kg	0.012	0.040	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Tetrachloroethene	<0.0090	mg/kg	0.0090	0.030	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Tetrahydrofuran	<0.13	mg/kg	0.13	0.43	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Toluene	<0.0090	mg/kg	0.0090	0.031	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,3-Trichlorobenzene	<0.017	mg/kg	0.017	0.053	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,4-Trichlorobenzene	<0.012	mg/kg	0.012	0.039	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,1-Trichloroethane	<0.012	mg/kg	0.012	0.041	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,1,2-Trichloroethane	<0.020	mg/kg	0.020	0.065	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Trichloroethene	<0.011	mg/kg	0.011	0.036	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Trichlorofluoromethane	<0.018	mg/kg	0.018	0.058	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,3-Trichloropropane	<0.013	mg/kg	0.013	0.045	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,2,4-Trimethylbenzene	<0.0060	mg/kg	0.0060	0.021	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
1,3,5-Trimethylbenzene	<0.0070	mg/kg	0.0070	0.024	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
Vinyl chloride	<0.0090	mg/kg	0.0090	0.029	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
m & p-Xylene	<0.015	mg/kg	0.015	0.048	1.0		2/1/2008	2/3/2008	APG	EPA 8260B
o-Xylene	<0.013	mg/kg	0.013	0.043	1.0		2/1/2008	2/3/2008	APG	EPA 8260B

Solid sample results reported on a Dry Weight Basis

Notes regarding entire Chain of Custody:

Notes: * Indicates Value in between LOD and LOQ.
All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

This report satisfies the requirements of your project but has not been prepared to comply with NELAP reporting requirements.

PMC

Submitted by: _____

Pam M. Cobbs
Project Manager
608-356-2760

QC Qualifiers

Code	Description
A	Analyte averaged calibration criteria within acceptable limits.
B	Analyte detected in associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Calibration criteria exceeded.

CHAIN OF CUSTODY RECORD

Page 1 of 1

PROJECT NO. 53-0636.00

PROJECT NAME/CLIENT Klockner

SAMPLERS: (Signature) Jeff Steiner

64847

LAB: CTL

QUOTE #

TURN AROUND TIME: Standard

LAB ID	SAMPLE NO.	COLLECTION DATE	COLLECTION TIME	PRESERVE TYPE	SAMPLE MATRIX	NO. OF JARS	DRO (WDNR)	GRO (WDNR)	PVOC (EPA 8020)	GRO/PVOC	VOC (EPA 8021)	Solids	PAH	Arsenic, Cadmium, Chromium, Lead			COMMENTS
540110	BGP-1 0'-2'	1-28-08	1035	MeOH	Soil	2					X	X					
540111	BGP-10 0'-2'		1130	"	"	2					X	X					
540112	BGP-22 0'-2'		0950	"	"	2					X	X					
540113	BGP-26 0'-2'		1045	"	"	2					X	X					
540114	Comp 1			None	"	2						X	X	X	X		
540115	Comp 2			"	"	2						X	X	X	X		
540116	Comp 3			"	"	1						X		X	X		
540117	Comp 4			"	"	2						X	X	X	X		
540118	Comp 5			"	"	2						X	X	X	X		
540119	Comp 6			"	"	2						X	X	X	X		
540120	Comp 7			"	"	2						X	X	X	X		
540121	Comp 8			"	"	2						X	X	X	X		
540122	Comp 9			"	"	1						X		X	X		
540123	Comp 10			"	"	2						X	X	X	X		
540124	Comp 11			"	"	2						X	X	X	X		
540125	Methanol Blank																

Folder #: 64847
Company: AYRES ASSOCIATES
Project: KLOCKNER
Logged By: JLS PM: ETK

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Jeff Steiner	1-30-08 / 10:00			/	

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED FOR LABORATORY BY: (Signature)	DATE/TIME
	/		1/31/08 / 0953

METHOD OF SHIPMENT:	DROP OFF	LAB COURIER	OTHER:

MAKE INVOICE TO:
NAME: Ayres Associates
ADDRESS:
CITY/STATE:
REMARKS:
Please FAX executed C.O.C. upon receipt to (608) 443-1250

SEND RESULTS AND C.O.C. TO: (NAME) Jeff Steiner

1.6° onice
1/31/08 0840
Cooler 3752 yb

AYRES ASSOCIATES
Ayres & Associates, Inc.
Engineers / Photogrammetrists / Scientists / Surveyors
1802 Pankratz Street, Madison, WI 53704-4069
(608) 443-1200 Fax No. (608) 443-1250

Appendix C

Laboratory Analytical Reports for Groundwater Samples

CT LABORATORIES
delivering more than data from your environmental analyses

1230 Lange Court • Baraboo, WI 53913 • 608-356-2760
www.ctlaboratories.com

ANALYTICAL REPORT

AYRES ASSOCIATES
JEFF STEINER
1802 PANKRATZ ST
MADISON, WI 53704-4069

Project Name: KLOCKNER
Contract #: 1452
Project #: 53-0636.00
Folder #: 65084
Purchase Order #:

Arrival Temperature: See COC
Report Date: 2/29/2008
Date Received: 2/19/2008
Reprint Date: 2/29/2008

CT LAB#: 542976 Sample Description: MW-1 Sampled: 2/14/2008 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	<0.80	ug/L	0.80	2.6	1		2/20/2008 14:00	2/22/2008 14:55	GCE	EPA 7060A	^
Dissolved Barium	120	ug/L	2.4	8.0	1	M		2/21/2008 17:34	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 17:34	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 17:34	NAH	EPA 6010B	^
Dissolved Lead	7.0	ug/L	1.5	4.8	1			2/21/2008 17:34	NAH	EPA 6010B	^
Dissolved Selenium	<7.0	ug/L	7.0	22	1			2/21/2008 17:34	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 17:34	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 09:36	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.22	ug/L	0.22	0.69	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	
2-Methylnaphthalene	<0.23	ug/L	0.23	0.73	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	
Acenaphthene	0.51	ug/L	0.26 *	0.83	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Acenaphthylene	<0.23	ug/L	0.23	0.71	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Anthracene	<0.042	ug/L	0.042	0.11	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Benzo(a)anthracene	0.024	ug/L	0.010 *	0.031	1	P	2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Benzo(a)pyrene	<0.021	ug/L	0.021	0.052	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LABORATORIES
delivering more than data from your environmental analyses

AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542976 Sample Description: MW-1 Sampled: 2/14/2008 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Benzo(b)fluoranthene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.042	ug/L	0.042	0.10	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Benzo(k)fluoranthene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Chrysene	<0.052	ug/L	0.052	0.15	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.031	ug/L	0.031	0.083	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Fluoranthene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Fluorene	0.20	ug/L	0.11 *	0.36	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Naphthalene	<0.28	ug/L	0.28	0.89	1	P	2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Phenanthrene	0.13	ug/L	0.052 *	0.17	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Pyrene	1.1	ug/L	0.063	0.20	1		2/20/2008 11:00	2/27/2008 18:45	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 11:22	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 11:22	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 11:22	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 11:22	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 11:22	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 11:22	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q,M		2/22/2008 11:22	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 11:22	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 11:22	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 11:22	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 11:22	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 11:22	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 11:22	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 11:22	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 11:22	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542976 Sample Description: MW-1 Sampled: 2/14/2008 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 11:22	APG	EPA 8260B	^
Chloroform	<0.22	ug/L	0.22	0.72	1			2/22/2008 11:22	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 11:22	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 11:22	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 11:22	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 11:22	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 11:22	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 11:22	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 11:22	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 11:22	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 11:22	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 11:22	APG	EPA 8260B	^
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 11:22	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 11:22	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 11:22	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 11:22	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 11:22	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 11:22	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 11:22	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 11:22	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 11:22	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 11:22	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 11:22	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 11:22	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 11:22	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 11:22	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LABORATORIES
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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542976 | Sample Description: MW-1 | Sampled: 2/14/2008 1030

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 11:22	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 11:22	APG	EPA 8260B	^
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 11:22	APG	EPA 8260B	^
Methyl tert-butyl ether	<0.23	ug/L	0.23	0.76	1			2/22/2008 11:22	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 11:22	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 11:22	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 11:22	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 11:22	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 11:22	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 11:22	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 11:22	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 11:22	APG	EPA 8260B	^
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 11:22	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 11:22	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 11:22	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 11:22	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 11:22	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 11:22	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 11:22	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 11:22	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 11:22	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 11:22	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 11:22	APG	EPA 8260B	^
Vinyl chloride	<0.15	ug/L	0.15	0.49	1			2/22/2008 11:22	APG	EPA 8260B	^
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 11:22	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 11:22	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 542977 Sample Description: MW-2 Sampled: 2/14/2008 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	<0.80	ug/L	0.80	2.6	1		2/20/2008 14:00	2/22/2008 14:48	GCE	EPA 7060A	^
Dissolved Barium	92.0	ug/L	2.4	8.0	1			2/21/2008 17:54	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 17:54	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 17:54	NAH	EPA 6010B	^
Dissolved Lead	3.6	ug/L	1.5 *	4.8	1			2/21/2008 17:54	NAH	EPA 6010B	^
Dissolved Selenium	10.0	ug/L	7.0 *	22	1			2/21/2008 17:54	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 17:54	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 09:46	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.22	ug/L	0.22	0.69	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	
2-Methylnaphthalene	<0.23	ug/L	0.23	0.74	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	
Acenaphthene	<0.26	ug/L	0.26	0.84	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Acenaphthylene	<0.23	ug/L	0.23	0.72	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Anthracene	<0.042	ug/L	0.042	0.12	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Benzo(a)anthracene	<0.011	ug/L	0.011	0.032	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Benzo(a)pyrene	<0.021	ug/L	0.021	0.053	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Benzo(b)fluoranthene	<0.032	ug/L	0.032	0.074	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.042	ug/L	0.042	0.11	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Benzo(k)fluoranthene	<0.032	ug/L	0.032	0.074	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Chrysene	<0.053	ug/L	0.053	0.15	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.032	ug/L	0.032	0.084	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Fluoranthene	<0.011	ug/L	0.011	0.032	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Fluorene	<0.12	ug/L	0.12	0.37	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.032	ug/L	0.032	0.074	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^

Solid sample results reported on a Dry Weight Basis

CT LABORATORIES
delivering more than data from your environmental analyses

AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542977 Sample Description: MW-2 Sampled: 2/14/2008 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Naphthalene	<0.28	ug/L	0.28	0.89	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Phenanthrene	<0.053	ug/L	0.053	0.17	1		2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Pyrene	0.34	ug/L	0.063	0.20	1	P	2/20/2008 11:00	2/27/2008 19:07	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 12:00	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 12:00	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:00	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 12:00	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 12:00	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 12:00	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 12:00	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 12:00	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 12:00	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 12:00	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 12:00	APG	EPA 8260B	^
Carbon disulfide	0.57	ug/L	0.50 *	1.5	1			2/22/2008 12:00	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 12:00	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:00	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 12:00	APG	EPA 8260B	^
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 12:00	APG	EPA 8260B	^
Chloroform	<0.22	ug/L	0.22	0.72	1			2/22/2008 12:00	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 12:00	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:00	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 12:00	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 12:00	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 12:00	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 12:00	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542977 Sample Description: MW-2 Sampled: 2/14/2008 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 12:00	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 12:00	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 12:00	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 12:00	APG	EPA 8260B	^
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 12:00	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:00	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 12:00	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 12:00	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 12:00	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 12:00	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 12:00	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:00	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 12:00	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 12:00	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 12:00	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 12:00	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 12:00	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 12:00	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 12:00	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 12:00	APG	EPA 8260B	^
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 12:00	APG	EPA 8260B	^
Methyl tert-butyl ether	<0.23	ug/L	0.23	0.76	1			2/22/2008 12:00	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 12:00	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 12:00	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 12:00	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 12:00	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 542977 Sample Description: MW-2 Sampled: 2/14/2008 1010

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 12:00	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 12:00	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 12:00	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 12:00	APG	EPA 8260B	^
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 12:00	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 12:00	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 12:00	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 12:00	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 12:00	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 12:00	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 12:00	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 12:00	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:00	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 12:00	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 12:00	APG	EPA 8260B	^
Vinyl chloride	<0.15	ug/L	0.15	0.49	1			2/22/2008 12:00	APG	EPA 8260B	^
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 12:00	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 12:00	APG	EPA 8260B	^

CT LAB#: 542978 Sample Description: MW-3 Sampled: 2/14/2008 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	<0.80	ug/L	0.80	2.6	1		2/20/2008 14:00	2/22/2008 14:23	GCE	EPA 7060A	^
Dissolved Barium	320	ug/L	2.4	8.0	1			2/21/2008 18:14	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 18:14	NAH	EPA 6010B	^

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 542978 Sample Description: MW-3 Sampled: 2/14/2008 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 18:14	NAH	EPA 6010B	^
Dissolved Lead	3.6	ug/L	1.5 *	4.8	1			2/21/2008 18:14	NAH	EPA 6010B	^
Dissolved Selenium	<7.0	ug/L	7.0	22	1			2/21/2008 18:14	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 18:14	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 09:48	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.23	ug/L	0.23	0.71	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	
2-Methylnaphthalene	<0.24	ug/L	0.24	0.75	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	
Acenaphthene	<0.27	ug/L	0.27	0.86	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Acenaphthylene	<0.24	ug/L	0.24	0.73	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Anthracene	<0.043	ug/L	0.043	0.12	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Benzo(a)anthracene	<0.011	ug/L	0.011	0.032	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Benzo(a)pyrene	<0.022	ug/L	0.022	0.054	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Benzo(b)fluoranthene	<0.032	ug/L	0.032	0.075	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.043	ug/L	0.043	0.11	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Benzo(k)fluoranthene	<0.032	ug/L	0.032	0.075	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Chrysene	<0.054	ug/L	0.054	0.15	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.032	ug/L	0.032	0.086	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Fluoranthene	<0.011	ug/L	0.011	0.032	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Fluorene	<0.12	ug/L	0.12	0.38	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.032	ug/L	0.032	0.075	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Naphthalene	<0.29	ug/L	0.29	0.91	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Phenanthrene	<0.054	ug/L	0.054	0.17	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Pyrene	0.36	ug/L	0.065	0.20	1		2/20/2008 11:00	2/27/2008 19:28	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 12:39	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542978 Sample Description: MW-3 Sampled: 2/14/2008 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 12:39	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:39	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 12:39	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 12:39	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 12:39	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 12:39	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 12:39	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 12:39	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 12:39	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 12:39	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 12:39	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 12:39	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:39	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 12:39	APG	EPA 8260B	^
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 12:39	APG	EPA 8260B	^
Chloroform	<0.22	ug/L	0.22	0.72	1			2/22/2008 12:39	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 12:39	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:39	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 12:39	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 12:39	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 12:39	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 12:39	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 12:39	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 12:39	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 12:39	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 12:39	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542978 Sample Description: MW-3 Sampled: 2/14/2008 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 12:39	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:39	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 12:39	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 12:39	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 12:39	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 12:39	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 12:39	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:39	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 12:39	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 12:39	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 12:39	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 12:39	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 12:39	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 12:39	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 12:39	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 12:39	APG	EPA 8260B	^
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 12:39	APG	EPA 8260B	^
Methyl tert-butyl ether	<0.23	ug/L	0.23	0.76	1			2/22/2008 12:39	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 12:39	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 12:39	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 12:39	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 12:39	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 12:39	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 12:39	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 12:39	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 12:39	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 542978 Sample Description: MW-3 Sampled: 2/14/2008 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 12:39	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 12:39	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 12:39	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 12:39	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 12:39	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 12:39	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 12:39	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 12:39	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 12:39	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 12:39	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 12:39	APG	EPA 8260B	^
Vinyl chloride	<0.15	ug/L	0.15	0.49	1			2/22/2008 12:39	APG	EPA 8260B	^
m & p-Xylene	0.51	ug/L	0.50 *	1.6	1			2/22/2008 12:39	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 12:39	APG	EPA 8260B	^

CT LAB#: 542979 Sample Description: PZ-3 Sampled: 2/14/2008 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	0.90	ug/L	0.80 *	2.6	1		2/20/2008 14:00	2/22/2008 15:01	GCE	EPA 7060A	^
Dissolved Barium	110	ug/L	2.4	8.0	1			2/21/2008 18:20	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 18:20	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 18:20	NAH	EPA 6010B	^
Dissolved Lead	3.4	ug/L	1.5 *	4.8	1			2/21/2008 18:20	NAH	EPA 6010B	^
Dissolved Selenium	<7.0	ug/L	7.0	22	1			2/21/2008 18:20	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 18:20	NAH	EPA 6010B	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 542979 Sample Description: PZ-3 Sampled: 2/14/2008 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 09:50	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.21	ug/L	0.21	0.67	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	
2-Methylnaphthalene	<0.22	ug/L	0.22	0.71	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	
Acenaphthene	<0.26	ug/L	0.26	0.82	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Acenaphthylene	<0.22	ug/L	0.22	0.69	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Anthracene	<0.041	ug/L	0.041	0.11	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Benzo(a)anthracene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Benzo(a)pyrene	<0.020	ug/L	0.020	0.051	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Benzo(b)fluoranthene	<0.031	ug/L	0.031	0.071	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.041	ug/L	0.041	0.10	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Benzo(k)fluoranthene	<0.031	ug/L	0.031	0.071	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Chrysene	<0.051	ug/L	0.051	0.14	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.031	ug/L	0.031	0.082	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Fluoranthene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Fluorene	<0.11	ug/L	0.11	0.36	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.031	ug/L	0.031	0.071	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Naphthalene	<0.28	ug/L	0.28	0.87	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Phenanthrene	<0.051	ug/L	0.051	0.16	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Pyrene	<0.061	ug/L	0.061	0.19	1		2/20/2008 11:00	2/27/2008 19:49	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 18:06	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 18:06	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:06	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 18:06	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 18:06	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542979 Sample Description: PZ-3 Sampled: 2/14/2008 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 18:06	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 18:06	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 18:06	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 18:06	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 18:06	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 18:06	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 18:06	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 18:06	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:06	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 18:06	APG	EPA 8260B	^
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 18:06	APG	EPA 8260B	^
Chloroform	1.4	ug/L	0.22	0.72	1			2/22/2008 18:06	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 18:06	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:06	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 18:06	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 18:06	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 18:06	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 18:06	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 18:06	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 18:06	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 18:06	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 18:06	APG	EPA 8260B	^
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 18:06	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:06	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 18:06	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 18:06	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542979 Sample Description: PZ-3 Sampled: 2/14/2008 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 18:06	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 18:06	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 18:06	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:06	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 18:06	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 18:06	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 18:06	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 18:06	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 18:06	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 18:06	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 18:06	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 18:06	APG	EPA 8260B	^
p-Isopropyltoluene	9.3	ug/L	0.17	0.56	1			2/22/2008 18:06	APG	EPA 8260B	^
Methyl tert-butyl ether	<0.23	ug/L	0.23	0.76	1			2/22/2008 18:06	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 18:06	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 18:06	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 18:06	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 18:06	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 18:06	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 18:06	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 18:06	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 18:06	APG	EPA 8260B	^
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 18:06	APG	EPA 8260B	
Toluene	0.45	ug/L	0.20 *	0.68	1			2/22/2008 18:06	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 18:06	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 18:06	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542979 Sample Description: PZ-3 Sampled: 2/14/2008 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 18:06	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 18:06	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 18:06	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 18:06	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:06	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 18:06	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 18:06	APG	EPA 8260B	^
Vinyl chloride	<0.15	ug/L	0.15	0.49	1			2/22/2008 18:06	APG	EPA 8260B	^
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 18:06	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 18:06	APG	EPA 8260B	^

CT LAB#: 542980 Sample Description: MW-4 Sampled: 2/14/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	2.3	ug/L	0.80 *	2.6	1		2/20/2008 14:00	2/22/2008 15:07	GCE	EPA 7060A	^
Dissolved Barium	68.0	ug/L	2.4	8.0	1			2/21/2008 18:27	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 18:27	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 18:27	NAH	EPA 6010B	^
Dissolved Lead	8.8	ug/L	1.5	4.8	1			2/21/2008 18:27	NAH	EPA 6010B	^
Dissolved Selenium	15.0	ug/L	7.0 *	22	1			2/21/2008 18:27	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 18:27	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 09:52	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.22	ug/L	0.22	0.69	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	

Solid sample results reported on a Dry Weight Basis

CT LABORATORIES
delivering more than data from your environmental analyses

AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542980 | Sample Description: MW-4 | Sampled: 2/14/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
2-Methylnaphthalene	<0.23	ug/L	0.23	0.73	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	
Acenaphthene	<0.26	ug/L	0.26	0.83	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Acenaphthylene	<0.23	ug/L	0.23	0.71	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Anthracene	<0.042	ug/L	0.042	0.11	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Benzo(a)anthracene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Benzo(a)pyrene	<0.021	ug/L	0.021	0.052	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Benzo(b)fluoranthene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.042	ug/L	0.042	0.10	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Benzo(k)fluoranthene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Chrysene	<0.052	ug/L	0.052	0.15	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.031	ug/L	0.031	0.083	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Fluoranthene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Fluorene	<0.11	ug/L	0.11	0.36	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Naphthalene	<0.28	ug/L	0.28	0.89	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Phenanthrene	<0.052	ug/L	0.052	0.17	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Pyrene	<0.063	ug/L	0.063	0.20	1		2/20/2008 11:00	2/27/2008 20:11	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 18:45	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 18:45	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:45	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 18:45	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 18:45	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 18:45	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 18:45	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 18:45	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 18:45	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 542980 Sample Description: MW-4 Sampled: 2/14/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 18:45	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 18:45	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 18:45	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 18:45	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:45	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 18:45	APG	EPA 8260B	^
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 18:45	APG	EPA 8260B	^
Chloroform	<0.22	ug/L	0.22	0.72	1			2/22/2008 18:45	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 18:45	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:45	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 18:45	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 18:45	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 18:45	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 18:45	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 18:45	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 18:45	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 18:45	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 18:45	APG	EPA 8260B	^
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 18:45	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:45	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 18:45	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 18:45	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 18:45	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 18:45	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 18:45	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:45	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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CT LABORATORIES
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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542980 Sample Description: MW-4 Sampled: 2/14/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 18:45	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 18:45	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 18:45	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 18:45	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 18:45	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 18:45	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 18:45	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 18:45	APG	EPA 8260B	^
p-Isopropyltoluene	8.1	ug/L	0.17	0.56	1			2/22/2008 18:45	APG	EPA 8260B	^
Methyl tert-butyl ether	<0.23	ug/L	0.23	0.76	1			2/22/2008 18:45	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 18:45	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 18:45	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 18:45	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 18:45	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 18:45	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 18:45	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 18:45	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 18:45	APG	EPA 8260B	^
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 18:45	APG	EPA 8260B	
Toluene	0.71	ug/L	0.20	0.68	1			2/22/2008 18:45	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 18:45	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 18:45	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 18:45	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 18:45	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 18:45	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 18:45	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 542980 Sample Description: MW-4 Sampled: 2/14/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 18:45	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 18:45	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 18:45	APG	EPA 8260B	^
Vinyl chloride	<0.15	ug/L	0.15	0.49	1			2/22/2008 18:45	APG	EPA 8260B	^
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 18:45	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 18:45	APG	EPA 8260B	^

CT LAB#: 542981 Sample Description: PZ-4 Sampled: 2/14/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	<0.80	ug/L	0.80	2.6	1		2/20/2008 14:00	2/22/2008 15:27	GCE	EPA 7060A	^
Dissolved Barium	69.0	ug/L	2.4	8.0	1			2/21/2008 18:41	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 18:41	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 18:41	NAH	EPA 6010B	^
Dissolved Lead	4.2	ug/L	1.5 *	4.8	1			2/21/2008 18:41	NAH	EPA 6010B	^
Dissolved Selenium	<7.0	ug/L	7.0	22	1			2/21/2008 18:41	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 18:41	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 09:54	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.22	ug/L	0.22	0.69	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	
2-Methylnaphthalene	<0.23	ug/L	0.23	0.74	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	
Acenaphthene	<0.26	ug/L	0.26	0.84	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Acenaphthylene	<0.23	ug/L	0.23	0.72	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Anthracene	<0.042	ug/L	0.042	0.12	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542981 Sample Description: PZ-4 Sampled: 2/14/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Benzo(a)anthracene	0.015	ug/L	0.011 *	0.032	1	P	2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Benzo(a)pyrene	<0.021	ug/L	0.021	0.053	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Benzo(b)fluoranthene	<0.032	ug/L	0.032	0.074	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.042	ug/L	0.042	0.11	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Benzo(k)fluoranthene	<0.032	ug/L	0.032	0.074	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Chrysene	<0.053	ug/L	0.053	0.15	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.032	ug/L	0.032	0.084	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Fluoranthene	<0.011	ug/L	0.011	0.032	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Fluorene	<0.12	ug/L	0.12	0.37	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.032	ug/L	0.032	0.074	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Naphthalene	<0.28	ug/L	0.28	0.89	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Phenanthrene	<0.053	ug/L	0.053	0.17	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Pyrene	<0.063	ug/L	0.063	0.20	1		2/20/2008 11:00	2/27/2008 20:32	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 19:23	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 19:23	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 19:23	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 19:23	APG	EPA 8260B	^
Bromodichloromethane	1.0	ug/L	0.19	0.62	1			2/22/2008 19:23	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 19:23	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 19:23	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 19:23	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 19:23	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 19:23	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 19:23	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 19:23	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 19:23	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LABORATORIES
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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542981 | Sample Description: PZ-4 | Sampled: 2/14/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 19:23	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 19:23	APG	EPA 8260B	^
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 19:23	APG	EPA 8260B	^
Chloroform	3.2	ug/L	0.22	0.72	1			2/22/2008 19:23	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 19:23	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 19:23	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 19:23	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 19:23	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 19:23	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 19:23	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 19:23	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 19:23	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 19:23	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 19:23	APG	EPA 8260B	^
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 19:23	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 19:23	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 19:23	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 19:23	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 19:23	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 19:23	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 19:23	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 19:23	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 19:23	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 19:23	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 19:23	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 19:23	APG	EPA 8260B	

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 542981 Sample Description: PZ-4 Sampled: 2/14/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 19:23	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 19:23	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 19:23	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 19:23	APG	EPA 8260B	^
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 19:23	APG	EPA 8260B	^
Methyl tert-butyl ether	<0.23	ug/L	0.23	0.76	1			2/22/2008 19:23	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 19:23	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 19:23	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 19:23	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 19:23	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 19:23	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 19:23	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 19:23	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 19:23	APG	EPA 8260B	^
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 19:23	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 19:23	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 19:23	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 19:23	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 19:23	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 19:23	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 19:23	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 19:23	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 19:23	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 19:23	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 19:23	APG	EPA 8260B	^
Vinyl chloride	<0.15	ug/L	0.15	0.49	1			2/22/2008 19:23	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 542981 Sample Description: PZ-4 Sampled: 2/14/2008 0950

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 19:23	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 19:23	APG	EPA 8260B	^

CT LAB#: 542982 Sample Description: MW-5 Sampled: 2/14/2008 0840

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	<0.80	ug/L	0.80	2.6	1		2/20/2008 14:00	2/22/2008 15:33	GCE	EPA 7060A	^
Dissolved Barium	87.0	ug/L	2.4	8.0	1			2/21/2008 18:34	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 18:34	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 18:34	NAH	EPA 6010B	^
Dissolved Lead	4.4	ug/L	1.5 *	4.8	1			2/21/2008 18:34	NAH	EPA 6010B	^
Dissolved Selenium	<7.0	ug/L	7.0	22	1			2/21/2008 18:34	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 18:34	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 09:56	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.22	ug/L	0.22	0.69	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	
2-Methylnaphthalene	<0.23	ug/L	0.23	0.73	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	
Acenaphthene	0.61	ug/L	0.26 *	0.83	1	P	2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Acenaphthylene	<0.23	ug/L	0.23	0.71	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Anthracene	<0.042	ug/L	0.042	0.11	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Benzo(a)anthracene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Benzo(a)pyrene	<0.021	ug/L	0.021	0.052	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Benzo(b)fluoranthene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.042	ug/L	0.042	0.10	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542982 Sample Description: MW-5 Sampled: 2/14/2008 0840

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Benzo(k)fluoranthene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Chrysene	<0.052	ug/L	0.052	0.15	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.031	ug/L	0.031	0.083	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Fluoranthene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Fluorene	0.16	ug/L	0.11 *	0.36	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Naphthalene	<0.28	ug/L	0.28	0.89	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Phenanthrene	<0.052	ug/L	0.052	0.17	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Pyrene	<0.063	ug/L	0.063	0.20	1		2/20/2008 11:00	2/27/2008 20:53	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 13:19	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 13:19	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:19	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 13:19	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 13:19	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 13:19	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 13:19	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 13:19	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 13:19	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 13:19	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 13:19	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 13:19	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 13:19	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:19	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 13:19	APG	EPA 8260B	^
Chloroethane	1.0	ug/L	0.40 *	1.3	1			2/22/2008 13:19	APG	EPA 8260B	^
Chloroform	<0.22	ug/L	0.22	0.72	1			2/22/2008 13:19	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542982 Sample Description: MW-5 Sampled: 2/14/2008 0840

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Chloromethane	0.48	ug/L	0.30 *	1.0	1			2/22/2008 13:19	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:19	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 13:19	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 13:19	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 13:19	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 13:19	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 13:19	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 13:19	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 13:19	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 13:19	APG	EPA 8260B	^
1,1-Dichloroethane	0.62	ug/L	0.40 *	1.4	1			2/22/2008 13:19	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:19	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 13:19	APG	EPA 8260B	^
cis-1,2-Dichloroethene	0.89	ug/L	0.40 *	1.2	1			2/22/2008 13:19	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 13:19	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 13:19	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 13:19	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:19	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 13:19	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 13:19	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 13:19	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 13:19	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 13:19	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 13:19	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 13:19	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 13:19	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542982 | Sample Description: MW-5 | Sampled: 2/14/2008 0840

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 13:19	APG	EPA 8260B	^
Methyl tert-butyl ether	<0.23	ug/L	0.23	0.76	1			2/22/2008 13:19	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 13:19	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 13:19	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 13:19	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 13:19	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 13:19	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 13:19	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 13:19	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 13:19	APG	EPA 8260B	^
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 13:19	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 13:19	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 13:19	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 13:19	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 13:19	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 13:19	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 13:19	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 13:19	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:19	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 13:19	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 13:19	APG	EPA 8260B	^
Vinyl chloride	0.43	ug/L	0.15 *	0.49	1			2/22/2008 13:19	APG	EPA 8260B	^
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 13:19	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 13:19	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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CT LABORATORIES
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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

CT LAB#: 542983 | Sample Description: PZ-5 | Sampled: 2/14/2008 0840

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	18.9	ug/L	0.80	2.6	1		2/20/2008 14:00	2/22/2008 15:39	GCE	EPA 7060A	^
Dissolved Barium	180	ug/L	2.4	8.0	1			2/21/2008 18:47	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 18:47	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 18:47	NAH	EPA 6010B	^
Dissolved Lead	5.8	ug/L	1.5	4.8	1			2/21/2008 18:47	NAH	EPA 6010B	^
Dissolved Selenium	<7.0	ug/L	7.0	22	1			2/21/2008 18:47	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 18:47	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 09:58	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.23	ug/L	0.23	0.71	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	
2-Methylnaphthalene	<0.24	ug/L	0.24	0.75	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	
Acenaphthene	<0.27	ug/L	0.27	0.86	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Acenaphthylene	<0.24	ug/L	0.24	0.73	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Anthracene	<0.043	ug/L	0.043	0.12	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Benzo(a)anthracene	<0.011	ug/L	0.011	0.032	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Benzo(a)pyrene	<0.022	ug/L	0.022	0.054	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Benzo(b)fluoranthene	<0.032	ug/L	0.032	0.075	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.043	ug/L	0.043	0.11	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Benzo(k)fluoranthene	<0.032	ug/L	0.032	0.075	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Chrysene	<0.054	ug/L	0.054	0.15	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.032	ug/L	0.032	0.086	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Fluoranthene	<0.011	ug/L	0.011	0.032	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Fluorene	<0.12	ug/L	0.12	0.38	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.032	ug/L	0.032	0.075	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 542983 Sample Description: PZ-5 Sampled: 2/14/2008 0840

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Naphthalene	<0.29	ug/L	0.29	0.91	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Phenanthrene	<0.054	ug/L	0.054	0.17	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Pyrene	<0.065	ug/L	0.065	0.20	1		2/20/2008 11:00	2/27/2008 21:36	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 20:03	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 20:03	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:03	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 20:03	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 20:03	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 20:03	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 20:03	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 20:03	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 20:03	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 20:03	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 20:03	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 20:03	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 20:03	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:03	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 20:03	APG	EPA 8260B	^
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 20:03	APG	EPA 8260B	^
Chloroform	<0.22	ug/L	0.22	0.72	1			2/22/2008 20:03	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 20:03	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:03	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 20:03	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 20:03	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 20:03	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 20:03	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH ilac

CT LAB#: 542983 Sample Description: PZ-5 Sampled: 2/14/2008 0840

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 20:03	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 20:03	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 20:03	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 20:03	APG	EPA 8260B	^
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 20:03	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:03	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 20:03	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 20:03	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 20:03	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 20:03	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 20:03	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:03	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 20:03	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 20:03	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 20:03	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 20:03	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 20:03	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 20:03	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 20:03	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 20:03	APG	EPA 8260B	^
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 20:03	APG	EPA 8260B	^
Methyl tert-butyl ether	0.52	ug/L	0.23 *	0.76	1			2/22/2008 20:03	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 20:03	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 20:03	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 20:03	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 20:03	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 542983 Sample Description: PZ-5 Sampled: 2/14/2008 0840

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 20:03	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 20:03	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 20:03	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 20:03	APG	EPA 8260B	^
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 20:03	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 20:03	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 20:03	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 20:03	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 20:03	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 20:03	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 20:03	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 20:03	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:03	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 20:03	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 20:03	APG	EPA 8260B	^
Vinyl chloride	<0.15	ug/L	0.15	0.49	1			2/22/2008 20:03	APG	EPA 8260B	^
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 20:03	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 20:03	APG	EPA 8260B	^

CT LAB#: 542984 Sample Description: MW-6 Sampled: 2/14/2008 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	0.83	ug/L	0.80 *	2.6	1		2/20/2008 14:00	2/22/2008 15:46	GCE	EPA 7060A	^
Dissolved Barium	56.0	ug/L	2.4	8.0	1			2/21/2008 18:54	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 18:54	NAH	EPA 6010B	^

Solid sample results reported on a Dry Weight Basis

CT LABORATORIES
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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

CT LAB#: 542984 Sample Description: MW-6 Sampled: 2/14/2008 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 18:54	NAH	EPA 6010B	^
Dissolved Lead	4.0	ug/L	1.5 *	4.8	1			2/21/2008 18:54	NAH	EPA 6010B	^
Dissolved Selenium	<7.0	ug/L	7.0	22	1			2/21/2008 18:54	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 18:54	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 10:00	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.23	ug/L	0.23	0.71	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	
2-Methylnaphthalene	<0.24	ug/L	0.24	0.75	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	
Acenaphthene	<0.27	ug/L	0.27	0.86	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Acenaphthylene	<0.24	ug/L	0.24	0.73	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Anthracene	<0.043	ug/L	0.043	0.12	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Benzo(a)anthracene	<0.011	ug/L	0.011	0.032	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Benzo(a)pyrene	<0.022	ug/L	0.022	0.054	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Benzo(b)fluoranthene	<0.032	ug/L	0.032	0.075	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.043	ug/L	0.043	0.11	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Benzo(k)fluoranthene	<0.032	ug/L	0.032	0.075	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Chrysene	<0.054	ug/L	0.054	0.15	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.032	ug/L	0.032	0.086	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Fluoranthene	<0.011	ug/L	0.011	0.032	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Fluorene	<0.12	ug/L	0.12	0.38	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.032	ug/L	0.032	0.075	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Naphthalene	<0.29	ug/L	0.29	0.91	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Phenanthrene	<0.054	ug/L	0.054	0.17	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Pyrene	<0.065	ug/L	0.065	0.20	1		2/20/2008 11:00	2/27/2008 21:57	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 20:41	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542984 | Sample Description: MW-6 | Sampled: 2/14/2008 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 20:41	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:41	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 20:41	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 20:41	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 20:41	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 20:41	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 20:41	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 20:41	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 20:41	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 20:41	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 20:41	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 20:41	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:41	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 20:41	APG	EPA 8260B	^
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 20:41	APG	EPA 8260B	^
Chloroform	<0.22	ug/L	0.22	0.72	1			2/22/2008 20:41	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 20:41	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:41	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 20:41	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 20:41	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 20:41	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 20:41	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 20:41	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 20:41	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 20:41	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 20:41	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 542984 Sample Description: MW-6 Sampled: 2/14/2008 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 20:41	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:41	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 20:41	APG	EPA 8260B	^
cis-1,2-Dichloroethene	0.98	ug/L	0.40 *	1.2	1			2/22/2008 20:41	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 20:41	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 20:41	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 20:41	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:41	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 20:41	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 20:41	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 20:41	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 20:41	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 20:41	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 20:41	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 20:41	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 20:41	APG	EPA 8260B	^
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 20:41	APG	EPA 8260B	^
Methyl tert-butyl ether	<0.23	ug/L	0.23	0.76	1			2/22/2008 20:41	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 20:41	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 20:41	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 20:41	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 20:41	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 20:41	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 20:41	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 20:41	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 20:41	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542984 Sample Description: MW-6 Sampled: 2/14/2008 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 20:41	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 20:41	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 20:41	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 20:41	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 20:41	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 20:41	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 20:41	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 20:41	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 20:41	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 20:41	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 20:41	APG	EPA 8260B	^
Vinyl chloride	1.1	ug/L	0.15	0.49	1			2/22/2008 20:41	APG	EPA 8260B	^
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 20:41	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 20:41	APG	EPA 8260B	^

CT LAB#: 542985 Sample Description: PZ-6 Sampled: 2/14/2008 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	8.9	ug/L	0.80	2.6	1		2/20/2008 14:00	2/22/2008 15:52	GCE	EPA 7060A	^
Dissolved Barium	190	ug/L	2.4	8.0	1			2/21/2008 19:01	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 19:01	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 19:01	NAH	EPA 6010B	^
Dissolved Lead	4.7	ug/L	1.5 *	4.8	1			2/21/2008 19:01	NAH	EPA 6010B	^
Dissolved Selenium	<7.0	ug/L	7.0	22	1			2/21/2008 19:01	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 19:01	NAH	EPA 6010B	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 542985 Sample Description: PZ-6 Sampled: 2/14/2008 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 10:02	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.22	ug/L	0.22	0.68	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	
2-Methylnaphthalene	<0.23	ug/L	0.23	0.72	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	
Acenaphthene	<0.26	ug/L	0.26	0.82	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Acenaphthylene	<0.23	ug/L	0.23	0.70	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Anthracene	<0.041	ug/L	0.041	0.11	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Benzo(a)anthracene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Benzo(a)pyrene	<0.021	ug/L	0.021	0.052	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Benzo(b)fluoranthene	<0.031	ug/L	0.031	0.072	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.041	ug/L	0.041	0.10	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Benzo(k)fluoranthene	<0.031	ug/L	0.031	0.072	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Chrysene	<0.052	ug/L	0.052	0.14	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.031	ug/L	0.031	0.082	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Fluoranthene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Fluorene	<0.11	ug/L	0.11	0.36	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.031	ug/L	0.031	0.072	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Naphthalene	<0.28	ug/L	0.28	0.88	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Phenanthrene	<0.052	ug/L	0.052	0.16	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Pyrene	<0.062	ug/L	0.062	0.20	1		2/20/2008 11:00	2/27/2008 22:18	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 21:21	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 21:21	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 21:21	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 21:21	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 21:21	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 542985 Sample Description: PZ-6 Sampled: 2/14/2008 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 21:21	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 21:21	APG	EPA 8260B	
2-Butanone	32	ug/L	4.0	14	1			2/22/2008 21:21	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 21:21	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 21:21	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 21:21	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 21:21	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 21:21	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 21:21	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 21:21	APG	EPA 8260B	^
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 21:21	APG	EPA 8260B	^
Chloroform	<0.22	ug/L	0.22	0.72	1			2/22/2008 21:21	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 21:21	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 21:21	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 21:21	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 21:21	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 21:21	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 21:21	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 21:21	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 21:21	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 21:21	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 21:21	APG	EPA 8260B	^
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 21:21	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 21:21	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 21:21	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 21:21	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542985 Sample Description: PZ-6 Sampled: 2/14/2008 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 21:21	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 21:21	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 21:21	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 21:21	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 21:21	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 21:21	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 21:21	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 21:21	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 21:21	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 21:21	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 21:21	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 21:21	APG	EPA 8260B	^
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 21:21	APG	EPA 8260B	^
Methyl tert-butyl ether	0.33	ug/L	0.23 *	0.76	1			2/22/2008 21:21	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 21:21	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 21:21	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 21:21	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 21:21	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 21:21	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 21:21	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 21:21	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 21:21	APG	EPA 8260B	^
Tetrahydrofuran	28	ug/L	4.0	12	1			2/22/2008 21:21	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 21:21	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 21:21	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 21:21	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542985 Sample Description: PZ-6 Sampled: 2/14/2008 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 21:21	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 21:21	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 21:21	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 21:21	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 21:21	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 21:21	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 21:21	APG	EPA 8260B	^
Vinyl chloride	<0.15	ug/L	0.15	0.49	1			2/22/2008 21:21	APG	EPA 8260B	^
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 21:21	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 21:21	APG	EPA 8260B	^

CT LAB#: 542986 Sample Description: MW-7 Sampled: 2/14/2008 0925

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	<0.80	ug/L	0.80	2.6	1		2/20/2008 14:00	2/22/2008 15:59	GCE	EPA 7060A	^
Dissolved Barium	49.0	ug/L	2.4	8.0	1			2/21/2008 19:08	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 19:08	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 19:08	NAH	EPA 6010B	^
Dissolved Lead	2.3	ug/L	1.5 *	4.8	1			2/21/2008 19:08	NAH	EPA 6010B	^
Dissolved Selenium	7.5	ug/L	7.0 *	22	1			2/21/2008 19:08	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 19:08	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 10:08	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.22	ug/L	0.22	0.69	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 542986 Sample Description: MW-7 Sampled: 2/14/2008 0925

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
2-Methylnaphthalene	<0.23	ug/L	0.23	0.73	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	
Acenaphthene	<0.26	ug/L	0.26	0.83	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Acenaphthylene	<0.23	ug/L	0.23	0.71	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Anthracene	<0.042	ug/L	0.042	0.11	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Benzo(a)anthracene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Benzo(a)pyrene	<0.021	ug/L	0.021	0.052	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Benzo(b)fluoranthene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.042	ug/L	0.042	0.10	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Benzo(k)fluoranthene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Chrysene	<0.052	ug/L	0.052	0.15	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.031	ug/L	0.031	0.083	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Fluoranthene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Fluorene	<0.11	ug/L	0.11	0.36	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Naphthalene	<0.28	ug/L	0.28	0.89	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Phenanthrene	<0.052	ug/L	0.052	0.17	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Pyrene	<0.063	ug/L	0.063	0.20	1		2/20/2008 11:00	2/27/2008 22:40	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 13:57	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 13:57	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:57	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 13:57	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 13:57	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 13:57	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 13:57	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 13:57	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 13:57	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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CT LABORATORIES
delivering more than data from your environmental analyses

AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542986 Sample Description: MW-7 Sampled: 2/14/2008 0925

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 13:57	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 13:57	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 13:57	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 13:57	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:57	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 13:57	APG	EPA 8260B	^
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 13:57	APG	EPA 8260B	^
Chloroform	<0.22	ug/L	0.22	0.72	1			2/22/2008 13:57	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 13:57	APG	EPA 8260B	^
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:57	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 13:57	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 13:57	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 13:57	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 13:57	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 13:57	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 13:57	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 13:57	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 13:57	APG	EPA 8260B	^
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 13:57	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:57	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 13:57	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 13:57	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 13:57	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 13:57	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 13:57	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:57	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 542986 Sample Description: MW-7 Sampled: 2/14/2008 0925

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 13:57	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 13:57	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 13:57	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 13:57	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 13:57	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 13:57	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 13:57	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 13:57	APG	EPA 8260B	^
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 13:57	APG	EPA 8260B	^
Methyl tert-butyl ether	<0.23	ug/L	0.23	0.76	1			2/22/2008 13:57	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 13:57	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 13:57	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 13:57	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 13:57	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 13:57	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 13:57	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 13:57	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 13:57	APG	EPA 8260B	^
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 13:57	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 13:57	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 13:57	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 13:57	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 13:57	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 13:57	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 13:57	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 13:57	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542986 Sample Description: MW-7 Sampled: 2/14/2008 0925

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 13:57	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 13:57	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 13:57	APG	EPA 8260B	^
Vinyl chloride	<0.15	ug/L	0.15	0.49	1			2/22/2008 13:57	APG	EPA 8260B	^
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 13:57	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 13:57	APG	EPA 8260B	^

CT LAB#: 542987 Sample Description: PZ-7 Sampled: 2/14/2008 0925

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	2.4	ug/L	0.80 *	2.6	1		2/20/2008 14:00	2/22/2008 16:05	GCE	EPA 7060A	^
Dissolved Barium	93.0	ug/L	2.4	8.0	1			2/21/2008 19:15	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 19:15	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 19:15	NAH	EPA 6010B	^
Dissolved Lead	3.0	ug/L	1.5 *	4.8	1			2/21/2008 19:15	NAH	EPA 6010B	^
Dissolved Selenium	<7.0	ug/L	7.0	22	1			2/21/2008 19:15	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 19:15	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 10:10	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.22	ug/L	0.22	0.69	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	
2-Methylnaphthalene	<0.23	ug/L	0.23	0.73	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	
Acenaphthene	<0.26	ug/L	0.26	0.83	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Acenaphthylene	<0.23	ug/L	0.23	0.71	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Anthracene	0.046	ug/L	0.042 *	0.11	1	P	2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^

Solid sample results reported on a Dry Weight Basis

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CT LABORATORIES
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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542987 Sample Description: PZ-7 Sampled: 2/14/2008 0925

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Benzo(a)anthracene	0.040	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Benzo(a)pyrene	0.053	ug/L	0.021	0.052	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Benzo(b)fluoranthene	0.032	ug/L	0.031 *	0.073	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.042	ug/L	0.042	0.10	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Benzo(k)fluoranthene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Chrysene	<0.052	ug/L	0.052	0.15	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.031	ug/L	0.031	0.083	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Fluoranthene	0.23	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Fluorene	<0.11	ug/L	0.11	0.36	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.031	ug/L	0.031	0.073	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Naphthalene	<0.28	ug/L	0.28	0.89	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Phenanthrene	0.38	ug/L	0.052	0.17	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Pyrene	0.13	ug/L	0.063 *	0.20	1		2/20/2008 11:00	2/27/2008 23:01	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 14:38	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 14:38	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 14:38	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 14:38	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 14:38	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 14:38	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 14:38	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 14:38	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 14:38	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 14:38	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 14:38	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 14:38	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 14:38	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542987 Sample Description: PZ-7 Sampled: 2/14/2008 0925

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 14:38	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 14:38	APG	EPA 8260B	^
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 14:38	APG	EPA 8260B	^
Chloroform	<0.22	ug/L	0.22	0.72	1			2/22/2008 14:38	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 14:38	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 14:38	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 14:38	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 14:38	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 14:38	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 14:38	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 14:38	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 14:38	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 14:38	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 14:38	APG	EPA 8260B	^
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 14:38	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 14:38	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 14:38	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 14:38	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 14:38	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 14:38	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 14:38	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 14:38	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 14:38	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 14:38	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 14:38	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 14:38	APG	EPA 8260B	

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 542987 Sample Description: PZ-7 Sampled: 2/14/2008 0925

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 14:38	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 14:38	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 14:38	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 14:38	APG	EPA 8260B	^
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 14:38	APG	EPA 8260B	^
Methyl tert-butyl ether	<0.23	ug/L	0.23	0.76	1			2/22/2008 14:38	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 14:38	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 14:38	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 14:38	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 14:38	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 14:38	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 14:38	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 14:38	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 14:38	APG	EPA 8260B	^
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 14:38	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 14:38	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 14:38	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 14:38	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 14:38	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 14:38	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 14:38	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 14:38	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 14:38	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 14:38	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 14:38	APG	EPA 8260B	^
Vinyl chloride	<0.15	ug/L	0.15	0.49	1			2/22/2008 14:38	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542987 Sample Description: PZ-7 Sampled: 2/14/2008 0925

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 14:38	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 14:38	APG	EPA 8260B	^

CT LAB#: 542988 Sample Description: MW-8 Sampled: 2/14/2008 0815

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	<0.80	ug/L	0.80	2.6	1		2/20/2008 14:00	2/22/2008 16:11	GCE	EPA 7060A	^
Dissolved Barium	41.0	ug/L	2.4	8.0	1			2/21/2008 19:34	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 19:34	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 19:34	NAH	EPA 6010B	^
Dissolved Lead	3.5	ug/L	1.5 *	4.8	1			2/21/2008 19:34	NAH	EPA 6010B	^
Dissolved Selenium	<7.0	ug/L	7.0	22	1			2/21/2008 19:34	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 19:34	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 10:12	GCE	EPA 7470A	^
Organic Results											
1-Methylnaphthalene	<0.22	ug/L	0.22	0.68	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	
2-Methylnaphthalene	<0.23	ug/L	0.23	0.72	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	
Acenaphthene	<0.26	ug/L	0.26	0.82	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Acenaphthylene	<0.23	ug/L	0.23	0.70	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Anthracene	<0.041	ug/L	0.041	0.11	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Benzo(a)anthracene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Benzo(a)pyrene	<0.021	ug/L	0.021	0.052	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Benzo(b)fluoranthene	<0.031	ug/L	0.031	0.072	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Benzo(g,h,i)perylene	<0.041	ug/L	0.041	0.10	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 542988 Sample Description: MW-8 Sampled: 2/14/2008 0815

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Benzo(k)fluoranthene	<0.031	ug/L	0.031	0.072	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Chrysene	<0.052	ug/L	0.052	0.14	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Dibenzo(a,h)anthracene	<0.031	ug/L	0.031	0.082	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Fluoranthene	<0.010	ug/L	0.010	0.031	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Fluorene	<0.11	ug/L	0.11	0.36	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Indeno(1,2,3-cd)pyrene	<0.031	ug/L	0.031	0.072	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Naphthalene	<0.28	ug/L	0.28	0.88	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Phenanthrene	<0.052	ug/L	0.052	0.16	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Pyrene	<0.062	ug/L	0.062	0.20	1		2/20/2008 11:00	2/27/2008 23:22	RED	EPA 8310	^
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 22:00	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 22:00	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:00	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 22:00	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 22:00	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 22:00	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 22:00	APG	EPA 8260B	
2-Butanone	<4.0	ug/L	4.0	14	1			2/22/2008 22:00	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 22:00	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 22:00	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 22:00	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 22:00	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 22:00	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:00	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 22:00	APG	EPA 8260B	^
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 22:00	APG	EPA 8260B	^
Chloroform	<0.22	ug/L	0.22	0.72	1			2/22/2008 22:00	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LABORATORIES
delivering more than data from your environmental analyses

AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542988 Sample Description: MW-8 Sampled: 2/14/2008 0815

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 22:00	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:00	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 22:00	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 22:00	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 22:00	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 22:00	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 22:00	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 22:00	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 22:00	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 22:00	APG	EPA 8260B	^
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 22:00	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:00	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 22:00	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 22:00	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 22:00	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 22:00	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 22:00	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:00	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 22:00	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 22:00	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 22:00	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 22:00	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 22:00	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 22:00	APG	EPA 8260B	^
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 22:00	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 22:00	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 542988 Sample Description: MW-8 Sampled: 2/14/2008 0815

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 22:00	APG	EPA 8260B	^
Methyl tert-butyl ether	<0.23	ug/L	0.23	0.76	1			2/22/2008 22:00	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 22:00	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 22:00	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 22:00	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 22:00	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 22:00	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 22:00	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 22:00	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 22:00	APG	EPA 8260B	^
Tetrahydrofuran	<4.0	ug/L	4.0	12	1			2/22/2008 22:00	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 22:00	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 22:00	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 22:00	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 22:00	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 22:00	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 22:00	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 22:00	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:00	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 22:00	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 22:00	APG	EPA 8260B	^
Vinyl chloride	5.5	ug/L	0.15	0.49	1			2/22/2008 22:00	APG	EPA 8260B	^
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 22:00	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 22:00	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LABORATORIES
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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

CT LAB#: 542989 Sample Description: PZ-8 Sampled: 2/14/2008 0815

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Metals Results											
Dissolved Arsenic	9.3	ug/L	0.80	2.6	1		2/20/2008 14:00	2/22/2008 16:18	GCE	EPA 7060A	^
Dissolved Barium	150	ug/L	2.4	8.0	1			2/21/2008 19:41	NAH	EPA 6010B	^
Dissolved Cadmium	<0.14	ug/L	0.14	0.47	1			2/21/2008 19:41	NAH	EPA 6010B	^
Dissolved Chromium	<2.6	ug/L	2.6	8.8	1			2/21/2008 19:41	NAH	EPA 6010B	^
Dissolved Lead	6.4	ug/L	1.5	4.8	1			2/21/2008 19:41	NAH	EPA 6010B	^
Dissolved Selenium	<7.0	ug/L	7.0	22	1			2/21/2008 19:41	NAH	EPA 6010B	^
Dissolved Silver	<3.0	ug/L	3.0	12	1			2/21/2008 19:41	NAH	EPA 6010B	^
Dissolved Mercury	<0.080	ug/L	0.080	0.28	1		2/23/2008 10:00	2/26/2008 10:14	GCE	EPA 7470A	^
Organic Results											
Acetone	<7.0	ug/L	7.0	22	1			2/22/2008 22:38	APG	EPA 8260B	^
Benzene	<0.16	ug/L	0.16	0.55	1			2/22/2008 22:38	APG	EPA 8260B	^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:38	APG	EPA 8260B	^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			2/22/2008 22:38	APG	EPA 8260B	^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			2/22/2008 22:38	APG	EPA 8260B	^
Bromoform	<0.50	ug/L	0.50	1.5	1			2/22/2008 22:38	APG	EPA 8260B	^
Bromomethane	<0.40	ug/L	0.40	1.3	1	Q		2/22/2008 22:38	APG	EPA 8260B	
2-Butanone	6.0	ug/L	4.0 *	14	1			2/22/2008 22:38	APG	EPA 8260B	^
n-Butylbenzene	<0.24	ug/L	0.24	0.79	1			2/22/2008 22:38	APG	EPA 8260B	^
sec-Butylbenzene	<0.29	ug/L	0.29	0.98	1			2/22/2008 22:38	APG	EPA 8260B	^
tert-Butylbenzene	<0.23	ug/L	0.23	0.76	1			2/22/2008 22:38	APG	EPA 8260B	^
Carbon disulfide	<0.50	ug/L	0.50	1.5	1			2/22/2008 22:38	APG	EPA 8260B	^
Carbon tetrachloride	<0.40	ug/L	0.40	1.3	1			2/22/2008 22:38	APG	EPA 8260B	^
Chlorobenzene	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:38	APG	EPA 8260B	^
Dibromochloromethane	<0.23	ug/L	0.23	0.76	1			2/22/2008 22:38	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LABORATORIES
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AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

CT LAB#: 542989 Sample Description: PZ-8 Sampled: 2/14/2008 0815

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
Chloroethane	<0.40	ug/L	0.40	1.3	1			2/22/2008 22:38	APG	EPA 8260B	^
Chloroform	1.3	ug/L	0.22	0.72	1			2/22/2008 22:38	APG	EPA 8260B	^
Chloromethane	<0.30	ug/L	0.30	1.0	1			2/22/2008 22:38	APG	EPA 8260B	
2-Chlorotoluene	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:38	APG	EPA 8260B	^
4-Chlorotoluene	<0.30	ug/L	0.30	1.0	1			2/22/2008 22:38	APG	EPA 8260B	^
1,2-Dibromo-3-chloropropane	<0.40	ug/L	0.40	1.5	1			2/22/2008 22:38	APG	EPA 8260B	^
1,2-Dibromoethane	<0.13	ug/L	0.13	0.43	1			2/22/2008 22:38	APG	EPA 8260B	^
Dibromomethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 22:38	APG	EPA 8260B	^
1,2-Dichlorobenzene	<0.40	ug/L	0.40	1.4	1			2/22/2008 22:38	APG	EPA 8260B	^
1,3-Dichlorobenzene	<0.40	ug/L	0.40	1.2	1			2/22/2008 22:38	APG	EPA 8260B	^
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1.6	1			2/22/2008 22:38	APG	EPA 8260B	^
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			2/22/2008 22:38	APG	EPA 8260B	^
1,1-Dichloroethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 22:38	APG	EPA 8260B	^
1,2-Dichloroethane	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:38	APG	EPA 8260B	^
1,1-Dichloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 22:38	APG	EPA 8260B	^
cis-1,2-Dichloroethene	<0.40	ug/L	0.40	1.2	1			2/22/2008 22:38	APG	EPA 8260B	^
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1.8	1			2/22/2008 22:38	APG	EPA 8260B	^
1,2-Dichloropropane	<0.21	ug/L	0.21	0.71	1			2/22/2008 22:38	APG	EPA 8260B	^
1,3-Dichloropropane	<0.19	ug/L	0.19	0.65	1			2/22/2008 22:38	APG	EPA 8260B	^
2,2-Dichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:38	APG	EPA 8260B	^
1,1-Dichloropropene	<0.50	ug/L	0.50	1.8	1			2/22/2008 22:38	APG	EPA 8260B	^
cis-1,3-Dichloropropene	<0.14	ug/L	0.14	0.47	1			2/22/2008 22:38	APG	EPA 8260B	^
trans-1,3-Dichloropropene	<0.14	ug/L	0.14	0.45	1			2/22/2008 22:38	APG	EPA 8260B	^
Diisopropyl ether	<0.50	ug/L	0.50	1.7	1			2/22/2008 22:38	APG	EPA 8260B	
Ethylbenzene	<0.28	ug/L	0.28	0.94	1			2/22/2008 22:38	APG	EPA 8260B	^
Hexachlorobutadiene	<0.60	ug/L	0.60	2.1	1			2/22/2008 22:38	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

CT LABORATORIES
delivering more than data from your environmental analyses

AYRES ASSOCIATES
Project Name: KLOCKNER
Project #: 53-0636.00

Contract #: 1452
Folder #: 65084

CT LAB#: 542989 Sample Description: PZ-8 Sampled: 2/14/2008 0815

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	
2-Hexanone	<4.0	ug/L	4.0	13	1			2/22/2008 22:38	APG	EPA 8260B	^
Isopropylbenzene	<0.20	ug/L	0.20	0.67	1			2/22/2008 22:38	APG	EPA 8260B	^
p-Isopropyltoluene	<0.17	ug/L	0.17	0.56	1			2/22/2008 22:38	APG	EPA 8260B	^
Methyl tert-butyl ether	0.80	ug/L	0.23	0.76	1			2/22/2008 22:38	APG	EPA 8260B	^
4-Methyl-2-pentanone	<3.0	ug/L	3.0	10	1			2/22/2008 22:38	APG	EPA 8260B	^
Methylene chloride	<0.50	ug/L	0.50	1.5	1			2/22/2008 22:38	APG	EPA 8260B	^
Naphthalene	<0.60	ug/L	0.60	1.8	1			2/22/2008 22:38	APG	EPA 8260B	^
n-Propylbenzene	<0.20	ug/L	0.20	0.68	1			2/22/2008 22:38	APG	EPA 8260B	^
Styrene	<0.30	ug/L	0.30	1.0	1			2/22/2008 22:38	APG	EPA 8260B	^
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 22:38	APG	EPA 8260B	^
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			2/22/2008 22:38	APG	EPA 8260B	^
Tetrachloroethene	<0.40	ug/L	0.40	1.3	1			2/22/2008 22:38	APG	EPA 8260B	^
Tetrahydrofuran	4.1	ug/L	4.0 *	12	1			2/22/2008 22:38	APG	EPA 8260B	
Toluene	<0.20	ug/L	0.20	0.68	1			2/22/2008 22:38	APG	EPA 8260B	^
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			2/22/2008 22:38	APG	EPA 8260B	^
1,2,4-Trichlorobenzene	<0.40	ug/L	0.40	1.5	1			2/22/2008 22:38	APG	EPA 8260B	^
1,1,1-Trichloroethane	<0.60	ug/L	0.60	2.0	1			2/22/2008 22:38	APG	EPA 8260B	^
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1.6	1			2/22/2008 22:38	APG	EPA 8260B	^
Trichloroethene	<0.15	ug/L	0.15	0.48	1			2/22/2008 22:38	APG	EPA 8260B	^
Trichlorofluoromethane	<0.40	ug/L	0.40	1.4	1			2/22/2008 22:38	APG	EPA 8260B	^
1,2,3-Trichloropropane	<0.30	ug/L	0.30	1.1	1			2/22/2008 22:38	APG	EPA 8260B	^
1,2,4-Trimethylbenzene	<0.24	ug/L	0.24	0.81	1			2/22/2008 22:38	APG	EPA 8260B	^
1,3,5-Trimethylbenzene	<0.19	ug/L	0.19	0.63	1			2/22/2008 22:38	APG	EPA 8260B	^
Vinyl chloride	<0.15	ug/L	0.15	0.49	1			2/22/2008 22:38	APG	EPA 8260B	^
m & p-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 22:38	APG	EPA 8260B	^
o-Xylene	<0.50	ug/L	0.50	1.6	1			2/22/2008 22:38	APG	EPA 8260B	^

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

Notes regarding entire Chain of Custody:

Notes:
* Indicates Value in between LOD and LOQ.
^ Indicates the laboratory is NELAP accredited for this analyte by the indicated matrix and method.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

This report has been specifically prepared to satisfy project or program requirements. Although certain analyses may indicate NELAP accreditation, the parameters may not necessarily have been analyzed and/or reported following NELAP conventions or requirements.

Submitted by: _____

Eric T. Korthals
Project Manager
608-356-2760

QC Qualifiers

Code	Description
A	Analyte averaged calibration criteria within acceptable limits.
B	Analyte detected in associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Calibration criteria exceeded.

Current CT Laboratories Certifications

Wisconsin Lab ID # 157066030

Illinois NELAP Accreditation # 200046

Kansas NELAP Certificate # E-10368

Louisiana NELAP Certificate # 04091

New Jersey NELAP Certificate # WI001

Pennsylvania NELAP ID # 68-04201

Kentucky Certification # 0023

North Dakota Certification # R-171

ACCREDITED IN ACCORDANCE WITH nelac

65084

CHAIN OF CUSTODY RECORD

PROJECT NO.: 53-0636.00

PROJECT NAME/CLIENT: Klockner

SAMPLERS: (Signature) Jeff Steiner

LAB: CTL

QUOTE #:

TURN AROUND TIME: Standard

LAB ID	SAMPLE NO.	COLLECTION DATE	COLLECTION TIME	PRESERVE TYPE	SAMPLE MATRIX	NO. OF JARS	DRO (WDNR)	GRO (WDNR)	PVOC (EPA 8020)	GRO/PVOC	VOC ~~(EPA 8021)~~	PAH	RCRA Metals (dissolved)	COMMENTS
542976	MW-1	2-14-08	10:30	HCL	GW	3					X			
	MW-1		10:30	None		1						X		
	MW-1		10:30	HNO_3		1							X	
542977	MW-2		10:10	HCL		3					X			
"	MW-2		10:10	None		1						X		
"	MW-2		10:10	HNO_3		1							X	
542978	MW-3		10:55	HCL		3					X			
"	MW-3		10:55	None		1						X		
"	MW-3		10:55	HNO_3		1							X	
542979	PZ-3		10:55	HCL		3					X			
"	PZ-3		10:55	None		1						X		
"	PZ-3		10:55	HNO_3		1							X	
542980	MW-4		9:50	HCL		3					X			
"	MW-4		9:50	None		1						X		
"	MW-4		9:50	HNO_3		1							X	
"														

Folder #: 65084
Company: AYRES ASSOCIATES
Project: KLOCKNER
Logged By: JLS PM: ETK

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Jeff Steiner	2-18-08 /	4114		/	
RELINQUISHED BY: (Signature)	DATE/TIME /	RECEIVED FOR LABORATORY BY: (Signature)	DATE/TIME 2/19/08 / 1022		
METHOD OF SHIPMENT:	DROP OFF	LAB COURIER	OTHER:		

MAKE INVOICE TO:
NAME: Ayres Associates
ADDRESS:
CITY/STATE:
REMARKS: Please FAX executed C.O.C. upon receipt to (608) 443-1250

SEND RESULTS AND C.O.C. TO: (NAME) Jeff Steiner

AYRES ASSOCIATES
Owen Ayres & Associates, Inc.
Engineers / Photogrammetrists / Scientists / Surveyors
1802 Pankratz Street, Madison, WI 53704-4069
(608) 443-1200 Fax No. (608) 443-1250

Onice 0.9°
2/19/08 1020

65084

CHAIN OF CUSTODY RECORD

PROJECT NO.: 53-0636.00

PROJECT NAME/CLIENT: Klockner

SAMPLERS: (Signature) Jeff Steiner

LAB: CTL

QUOTE #:

TURN AROUND TIME: Standard

LAB ID	SAMPLE NO.	COLLECTION DATE	COLLECTION TIME	PRESERVE TYPE	SAMPLE MATRIX	NO. OF JARS	DRO (WDNR)	GRO (WDNR)	PVOC (EPA 8020)	GRO/PVOC	VOC (EPA 8021)	PAH	RCRA metals (Pb)								COMMENTS
542981	PZ-4	2-14-08	9:50	HCL	GW	3					X										
"	PZ-4		9:50	None		1						X									
"	PZ-4		9:50	HNO_3		1							X								
542982	MW-5		8:40	HCL		3					X										
"	MW-5		8:40	None		1						X									
"	MW-5		8:40	HNO_3		1							X								
542983	PZ-5		8:40	HCL		3					X										
"	PZ-5		8:40	None		1						X									
"	PZ-5		8:40	HNO_3		1							X								
542984	MW-6		9:00	HCL		3					X										
"	MW-6		9:00	None		1						X									
"	MW-6		9:00	HNO_3		1							X								
542985	PZ-6		9:00	HCL		3					X										
"	PZ-6		9:00	None		1						X									
"	PZ-6		9:00	HNO_3		1							X								

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Jeff Steiner	2-18-08 /	[illegible]		/	
RELINQUISHED BY: (Signature)	DATE/TIME /	RECEIVED FOR LABORATORY BY: (Signature) [illegible]	DATE/TIME 2/19/08 / 1022		
METHOD OF SHIPMENT:	DROP OFF	LAB COURIER	OTHER:		

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68084

CHAIN OF CUSTODY RECORD

PROJECT NO.: 53-0636.00

PROJECT NAME/CLIENT: Klockner

SAMPLERS: (Signature) Jeff Steiner

LAB: CTL

QUOTE #:

TURN AROUND TIME: Standard

LAB ID	SAMPLE NO.	COLLECTION DATE	COLLECTION TIME	PRESERVE TYPE	SAMPLE MATRIX	NO. OF JARS	DRO (WDNR)	GRO (WDNR)	PVOC (EPA 8020)	GRO/PVOC	VOC (8260)	PAH	RCRA metals (8.3)							COMMENTS
542986	MW-7	2-14-08	925	HCL	GW	3					X									
"	MW-7		9:25	None		1						X								
"	MW-7		9:25	HNO_3		1							X							
542987	PZ-7		9:25	HCL		3					X									
"	PZ-7		9:25	None		1						X								
"	PZ-7		9:25	HNO_3		1							X							
542988	MW-8		8:15	HCL		3					X									
"	MW-8		8:15	None		1						X								
"	MW-8		8:15	HNO_3		1							X							
542989	PZ-8		8:15	HCL		3					X									
"	PZ-8		8:15	None		1						X								
"	PZ-8		8:15	HNO_3		1							X							

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Jeff Steiner	2-18-08 / 10:00	[illegible]		/	
RELINQUISHED BY: (Signature)	DATE/TIME /	RECEIVED FOR LABORATORY BY: (Signature) [illegible]	DATE/TIME 2/29/08 / 1022		
METHOD OF SHIPMENT:	DROP OFF	LAB COURIER	OTHER:		

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