Project 2032

INITIAL SITE CHARACTERIZATION
HEATING OIL SPILL
730 United Drive
(Studebaker Building 69)

EPA Site ID# INR000101006
IDEM Incident# 2001-01-156

prepared for the
Board of Public Works
City of South Bend, Indiana

prepared by
Grauvogel & Associates
Granger, Indiana

October 2001

Grauvogel & Associates

November 2, 2001

Indiana Department of Environmental Management
Office of Land Quality - Remediation services Branch
100 North Senate Avenue
PO Box 6015
Indianapolis, IN 46206-6015

Attention: Mr. Gerald O'Callaghan
Subject: Spill Incident# 2001-01-156

Dear Gerald:
Enclosed is the Initial Site Characterization for the subject incident located at 730 United Drive, South Bend IN. This site is located in the Studebaker Redevelopment Corridor and a new Department of Public Works building is currently under construction there.

As we have investigated this spill on behalf of the City of South Bend it has become clearer that the material spilled was heating oil used for the former Studebaker Building 113 located to the east of the apparent tank location, rather than diesel fuel or gasoline. As detailed in the report the tank(s) was removed sometime prior to May 8, 1986, and perhaps by Studebaker Corporation even earlier, with no records

The spill is located outside the 5-year time-of-travel radius of the South Bend North Wellfield, and is actually just outside the 10-year radius as well. We found very little contamination and the contamination was limited to a small area around the original tank site. We also found evidence of a chlorinated solvent plume from upgradient. Based on these findings we are recommending a "no action" response. Should your review deem a remediation response necessary, we recommend some form of bioremediation using the existing monitoring wells for injection points.

Please direct your technical review questions and correspondence to my attention at your convenience.

Sincerely,
Grauvogel & Associates

Lawrence W. Grauvogel PE, CIH, CSP

Enclosures: Initial Site Characterization

cc: C. Littrell/South Bend

17660 Fall Creek Drive • Granger, Indiana 46530 • (219) 277-4770

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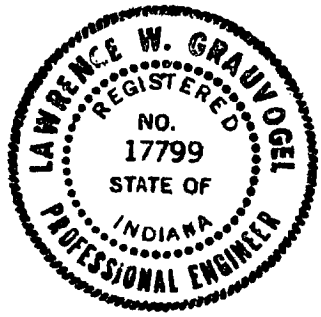

Lawrence W. Grauvogel, PE,CIH,CSP
Grauvogel & Associates

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I. EXECUTIVE SUMMARY

A 35-year-old heating oil spill affecting the groundwater was discovered at the site of a former Studebaker Corporation UST at 730 United Drive, South Bend, IN, formerly Studebaker Building 69. The maximum groundwater contamination concentration reported at a distance of 40' downgradient from the spill from three downgradient well clusters screened from 20' to 45' below grade was 4,336 µg/L non-chlorinated VOC, 885 µg/L SVOC and 5,810 µg/L TPH at 12' feet below the groundwater surface. The concentrations at the groundwater surface at this same location were 15.3 µg/L non-chlorinated VOC, 72 µg/L SVOC and 6,260 µg/L TPH. The nearest potential public health and environmental impacts from the plume are the Leeper Park municipal wellfield, 1½ mile north-northeast and the St. Joseph River, 1 mile northeast of the spill, respectively. The spill is beyond the 5-year time-of-travel boundary of the wellfield and there are no private wells in the affected portion of the City. Adverse impacts at these distances are not expected. The ***No Action*** alternative is recommended.

II. PURPOSE AND METHODS

This report presents the details of the findings of the initial site characterization for a heating oil spill at a former underground storage tank (UST) location on Studebaker Automobile Corporation property now owned by the City of South Bend, Indiana. The UST was associated with operations in the former Studebaker Buildings 69 and 113. Building 69 was demolished in 2000 as part of the current construction project at the site. The UST was removed sometime prior to the May 8, 1986 registration deadline in Indiana, but the party removing the tank and any records of the removal were unknown.

The spill site was discovered during the preliminary environmental investigation phase of the site demolition for Studebaker Building 69, 730 United Drive. The demolition by the City was in preparation for the construction of a new Department of Public Works building and storage yard. The contamination was found at a UST location shown on the June 1954 general site plan for the Studebaker manufacturing plant.[3] Three other probable UST locations were included in that same investigation through interviews with long-time Studebaker employees familiar with that portion of the plant but no tanks or contamination were found at these other locations.

The purpose of this Initial Site Characterization was to determine the chemical constituents of the spill, the extent of the spill in the soil above the groundwater table, the depth and flow direction of the groundwater, the constituents and extent of contamination in the groundwater, the underlying hydrogeology at the site as it impacted movement of the spill in the groundwater and an estimate of the potential public health and environmental impacts of any groundwater contaminant plume detected. To this end a soil boring was completed at the center of the spill and three downgradient and one upgradient clusters of 2" diameter PVC-cased and screened monitoring wells varying in depth from 25 to 45 feet were installed. Three well clusters were downgradient of the spill and one was upgradient. Soil sampling was done with a 4" hollow core auger and standard split spoon sampler driven ahead of the auger in one boring of each cluster. Soil samples recovered from the borings at the spill were analyzed for total petroleum hydrocarbons (TPH). Soil samples collected during the monitoring well installations were screened for TPH in the field. Groundwater was analyzed for total (basic, acidic and neutral)

semi-volatile organics (SVOC), total petroleum hydrocarbons (TPH), benzene-ethyl benzene - toluene-xylenes (BETX) and volatile organics (VOC).

III. CHRONOLOGY

In the process of clearing the site formerly occupied by Studebaker Buildings 69, 139 and 140 for construction of the new Department of Public Works building four suspected UST sites from available records were identified and a soil boring completed at each location down to the water table. These preliminary borings were completed on January 4, 2001. This work identified soil contamination at the present site. A groundwater sample was collected from the boring when suspected contaminated soil in close proximity to the groundwater table was discovered and this sample confirmed impact by the spill on the groundwater. The spill was reported to IDEM on January 26, 2001 with the receipt of the soil and groundwater sample results. From previous work and research on other groundwater investigations in the area a general groundwater flow direction to the northeast was anticipated. On May 17-18, 2001 the well clusters were installed at the locations illustrated in Figures 1 and 3 through 6. The radii from the center of the spill for the well locations were established nominally at 50' and then adjusted by the proximity of the property line to the north, constraints from the impending construction and the impact of other unrelated Studebaker-era contaminants on the site. The first round of groundwater samples was collected on May 23, 2001. A second round was completed on June 25, 2001.

IV. INVESTIGATION RESULTS

Geology

The USDA Soil Survey for St. Joseph County, Indiana [1] lists the soil at the spill site as Tyner A, a loamy sand with 0% to 6% slopes. Tyner A soil has a moderate to high permeability of 6 - 20 inches per hour in the upper 4' and greater than 20 inches/hour below this depth. This is a well-drained soil subject to droughtiness as a result and offers little resistance to contamination movement downward to the groundwater. The typical profile extends to 60" below grade. The former UST location and the portion of the spill area on City property were under asphalt pavement until demolition of the site began, and the plume remained under asphalt off-site. The area will be repaved as part of the new construction. The soil borings and other excavations on-site in connection with the demolition and construction activities gave ample evidence for the following site-specific soil profile:

- grade - 0.5': asphalt pavement
- 0.5' - 1': gravel roadway base
- 1'- 5': coal, cinders, bricks, gravel and miscellaneous Studebaker-era debris
- 5' - 10': a sharp change to native medium brown sand typical of Tyner A at 5'
- 10 - 11': gray brown dense silty clay
- 11' - 23' (groundwater): medium to coarse brown sand

This profile was consistent with the Tyner A classification. No other silty clay lenses were encountered below 11' in any of the borings , which were as deep as 45'. The presence of at least a thin heavily compacted silty clay layer in the borings suggests that the soil offers some resistance to surface spills and leaks above 10' below grade.

The DNR Water resources report [2] for the St. Joseph River valley reports the elevation of the Ellsworth shale bedrock underlying the area at 550' above mean sea level (MSL). The general grade elevation at the spill site was 722' MSL. The site is shown in the glacial outwash zone of the aquifer, so the remaining portion of the geologic cross-section consists of 150' of unconsolidated sand and gravel down to the bedrock.

Hydrogeology

The site lies within the St. Joseph aquifer system, which is characterized by fine to medium sand with zones of coarse sand and gravel, interspersed with thin clay units of limited size.[2] Soil borings and excavations at the site showed strata consistent with this information. As such it is highly susceptible to groundwater contamination. In the South Bend area there is a clay unit (layer) separating the aquifer into an upper and lower water producing strata. The bottom of this clay layer is at 600' to 635' MSL, sloping to the northwest. This layer ____s some protection to City wells from this spill, which are screened at about 200' below grade.

The St. Joseph Aquifer has typically high transmissivity. The nearest aquifer test, about ¼ mile to the east, reported a transmissivity of 93 x 10^3 gallons per day per foot based on actual test data[2]. Thus, once in the groundwater, contaminants are capable of moving quickly downgradient. On the same basis groundwater contaminants are more quickly diluted and dispersed once their source is eliminated.

As already mentioned the groundwater surface was encountered at approximately 23' below grade. The actual elevation was 700.00' MSL at Well 50SW-34. It is likely, therefore, that the UST did not have its bottom below the groundwater surface at any time and that the release was into the unsaturated (vadose) zone above the water table. In addition to this the overlying asphalt pavement at the UST location has also helped minimize the plume spread.

Figure 2 illustrates the results of the groundwater surface gradient measurements completed on May 23, 2001. As shown the groundwater flow direction at the spill is 11.5^0 east of north. Thus, the potential downgradient impact area of the spill plume lies to the north-northeast. As can be seen from Figure 7 this encompasses the South Bend urban area. Adjacent property to the north-northeast (Figure 8) is industrial land with former Studebaker buildings now used for warehousing. Beyond this the railroad right-of-way and Stanley Coveleski Regional Stadium lie in the path of a potential plume, and beyond this more commercial and retail property. The nearest residential area is a public housing project 1,000' feet north-northwest, not directly in the path of a potential plume. The nearest residential area in the groundwater flow direction begins across the St. Joseph River, on the opposite side of downtown South Bend.

The nearest well supply in this urban area is the Leeper Park wellfield located just west of the St. Joseph River, 1½ mile north of the spill (Figure 9). These wells are screened from 75' to 100' and lie below a 20' thick clay layer, in the upper strata of the aquifer. This clay unit is, however, discontinuous in the potentially affected area.[4] Thus, there is no geological protection from releases in the upper layer of the aquifer. There are no private wells downgradient of the site between the spill and the St. Joseph River. [4,5]

Figure 9 presents the 1-year and 5-year time-of travel boundaries from the Leeper Park municipal wellfield, designated the North Wellfield by the City. The City Water Quality Engineer also indicated that the spill site is just outside the 10-year time-of travel boundary.[4] Only sources within the 5-year boundary are regulated by the federal Wellhead Protection regulations. This information supports a conclusion that the potential impact from this spill on public health is small.

Soil Samples

Soil samples were collected at intervals down to the groundwater at the center of the spill location during the initial drilling on January 4, 2001. They were analyzed for total petroleum hydrocarbons (TPH) to screen for contamination from the suspected heating oil from the former UST at the location. The results are shown in Table 1. After soil contamination was found during the boring a groundwater sample for BETX analysis was collected by screening the boring with a 2" diameter PVC casing and 5' PVC slotted screen one-half into the groundwater. This result is also shown in Table 1. These results implied that a spill of heating oil in the first 6' below grade had migrated downward to the water table and accumulated on the groundwater surface.

During the installation of the east well cluster (56E) contaminated soil was discovered. The installation of well 56E-25 was completed without incident. However, as the auger was retrieved from the hole for 56E-35 an obvious layer of heating oil contaminated soil had been encountered at about 12' below grade, above the groundwater. No sample was collected. Examination of the available Studebaker site maps and interviews with former employees identified this site as the terminus of previously removed piping presumably connected to the former UST. The former location of the piping shows as a concrete strip running from west to east from the 56E cluster in Figures 3, 4, 5 and 6 and was observable at the site. There was also a retaining wall formerly near this location The two wells in the cluster were separated by only 2', so the contamination was taken as a very localized deposit from this piping.

Groundwater Samples

A set of four multiple-depth monitoring wells, three clusters approximately downgradient and one cluster upgradient of the confirmed spill site, were designed and installed on May 17-18, 2001. The location of the upgradient cluster (50SW) was set at a radius of 50' to be remote from any mushroomed plume spread at the spill center and to avoid future construction activities. The northeast and northwest clusters (40 NE, 40 NW) were located just inside the northern property line of the site at a radius of 40'. The eastern cluster (56E) was located to avoid future construction activity at a slightly greater radius of 56'. All wells were drilled with a 4" hollow stem auger. The casings were threaded 2" diameter PVC with 5' slotted PVC screens. The annuli around the screens were packed with new silica screen sand and the casings then sealed with a bentonite clay slurry to grade. The clusters were designed as follows:

- one well screened at the top of the water table from 20'-25' below grade
- one well screened from 30'-35' below grade
- for the center of the plume (40NE), one addition well screened from 40' - 45' below grade

The screen depths were separated by 5' intervals to minimize interconnection effects and provide discrete data points while not missing the target plume. The intent of the well placement was to intercept the contaminant plume close to its source to determine its impact. With the proximity of the spill to the wells, screen depths beyond 45' were not considered necessary and with the long history of pavement overlying the site the horizontal travel distance downgradient was not expected to be very great. Secondly there were property line constraints 40' downgradient and the next available City property downgradient for well installation was in the right-of way to the north of this adjacent property. At that distance too many other interfering plumes and sources were anticipated based upon previous work in the area to make data from this more remote location usable. There was an expectation that other wells at greater radii might be needed in the future to completely characterize the plume, depending on the results from these clusters.

Groundwater sampling as completed in two phases. The initial samples were taken on May 23, 2001 and analyzed for total SVOC and BETX representing the volatile organics fraction (VOC). The BETX results indicated the presence of xylenes and additional VOC's, including chlorinated compounds, so a second set of samples was taken on June 25, 2001 for complete and precise VOC analysis. This more inclusive VOC analysis included the BETX group, chlorinated compounds and the other VOC's in the EPA protocol. TPH analysis was also added.

The findings of the sampling are summarized in Table 2 and illustrated in Figures 3, 4, 5 and 6. With the limited number of data points and the open-ended nature of the data for the plume, groundwater contaminant contours were not considered appropriate. Instead the concentrations keyed to their depths are shown in the figures for each of the four groups of potential contaminants: non-chlorinated VOC, total SVOC, TPH and chlorinated VOC. The individual SVOC and VOC concentrations are presented in Table 2, while the figures give the totals only.

Table 2 also lists the available regulatory values for evaluating the findings. Most of these are the present Default Cleanup Criteria from the IDEM Risk Integrated System of Closure (RISC) for the individual compounds for industrial locations. Where IDEM has no value, the Michigan DEQ Generic Cleanup Criteria for commercial/industrial sites are used. For TPH, the detection limit from the IDEM Tier I groundwater parameters from the 1994 UST Closure Guidance Manual is used.

Volatiles and Chlorinated Volatiles (Figure 3)

Of the 57 volatiles included in the method detectable concentrations were found for 9 compounds. The trace of carbon disulfide from well 40NW-35 (35' depth) was eliminated as a laboratory contaminant. so really only 8 compounds were detected. Of these the conglomeration reported as TPH was the greatest, followed by the combined *o,m,p*-xylenes. These two groups of compounds accounted for most of the plume. The northeast cluster was the most affected, and at this location the plume was very dilute below 35'.

Well cluster 50SW reported four chlorinated volatile compounds. From the groundwater surface gradient this was the presumed upgradient cluster. All of the other downgradient clusters reported these same chlorinated volatiles but at lower concentrations. Well 40NW-35 also reported 1,1-dichloroethane at just above the detection limit, the only chlorinated volatile not reported from the upgradient cluster, but at an insignificant concentration

chlorinated compounds in the plume therefore were considered an upgradient background unassociated with the spill plume. Only the non-chlorinated VOC are shown in Figure 3 to eliminate further consideration of this upgradient plume.

The only VOC present above the IDEM RISC criteria was xylene, and in only one well - 40NE-35. 1,2,4-trimethylbenzene exceeded the MDEQ criterion in the same well, but this criterion was for aesthetics only (taste, color, odor) and not for health risk. Overall, the level of groundwater contamination based upon VOC was low.

Semi-Volatiles (Figure 4)

Only two of the possible 70 SVOC's were found in the plume. The primary compound was bis (2-ethylhexyl) phthalate. The most heavily polluted location (40 NE-35) also reported naphthalene in both the SVOC and VOC analyses. SVOC's were only detected in the downgradient wells, with the northeast cluster again the most affected.

The level of bis (2-ethylhexyl) phthalate reported equaled the RISC criterion in well 40NW-35 and exceeded it in well 40NE-35 by three times. Only the well in the center of the plume showed a significant groundwater impact based upon SVOC results.

Total Petroleum Hydrocarbons - TPH (Figure 5)

Some overlap between the compounds included in the VOC and TPH analyses occurs, notably xylenes, but the TPH results did document other VOC's from the heating oil not included in the EPA VOC protocol. The major component in the TPH conglomerate present in these samples was mixed *o, m & p* xylenes. So the results reported for TPH display some overlap with the VOC results. TPH does indicate the presence of the spill at the groundwater surface in cluster 40NW as well as showing the impact of the piping leak in cluster 56E.

The TPH results add well 40NE-25 to the significantly impacted locations, showing that a portion of the spilled product is floating at the groundwater surface. Well 56E-25 was only slightly impacted above the method detection limit, and as discussed can be attributed to a localized piping spill at that location.

Some additional observations were made from the data in Table 2. The plume was comprised primarily of diesel range petroleum hydrocarbons, including mixed xylenes, thus confirming the heating oil UST origins of the plume. The vertical extent of the plume was primarily above 35' below grade. At the 45' depth contaminants were detected but at three orders of magnitude less. This contamination in the upper portion of the aquifer was expected with the close proximity of the well clusters to the spill. The horizontal center of the plume was calculated at 11.5^0 east of north from water surface elevations (Figure 2). The highest pollutant concentrations were detected in well cluster 40NE, the nearest to this flow direction, as confirmation of the general plume direction. The contaminants in the shallow well of the east cluster (56E) was more likely associated with the presumed pipe leak at 12' below grade at this location than the UST spill because of the depth of the soil contamination. So the 40NW cluster shows some fanning of the plume to the west along the north northeasterly plume centerline.

These results support the conclusion that the only significant groundwater impact extends at least 40' downgradient of the spill at its centerline to a depth of 35' below grade, which is approximately 12' below the groundwater surface elevation.

V. CONCLUSIONS

The preceding information, test results and discussion support the following conclusions:

1. A heating oil spill occurred from a UST above the groundwater table at the approximate location shown on the Studebaker site plan; the spill occurred at least 15 but more likely at least 35 years prior to this investigation.
2. The spill location was capped with concrete and asphalt pavement in the intervening period, and so migrated downward primarily through the influence of gravity at a correspondingly slow rate.
3. The underlying urban and native soils at the site offer no impedance to the migration of the plume downward in the vadose zone, and once in the groundwater the aquifer is capable of transmitting the contaminants rapidly downgradient.
4. The plume direction is approximately north-northeast toward the South Bend urban area, and has traveled beyond the City's property line at the site.
5. The nearest environmental and public health impacts from the plume are the St. Joseph River, 1 mile northeast, and the Leeper Park municipal wellfield, 1½ miles north-northeast of the spill, respectively. The spill lies outside of the regulated wellhead protection area (WHPA).
6. The removal of the overlying concrete and asphalt pavement during the present construction will increase rainwater percolation through the spill and speed up the propagation of the plume.

VI. RECOMMENDATIONS

Four remediation actions are considered applicable and feasible for this minor spill. One or a combination of more than one of these actions could be applied. They are listed in their approximate order of increasing expense and complexity.

1. ***No Action***: No action can be justified on the basis of the limited volume of the spill, the presence of other unrelated contaminant sources upgradient of the spill and the absence of downgradient public health and environmental impacts. It is highly unlikely that the St. Joseph River and Leeper Park wellfield will show measurable impact or degradation from this spill. Likewise mitigation of this spill from the spill site will eliminate localized contamination at a location with little or no environmental impact while not affecting other pollutants already in the groundwater from upgradient sources of equal impact.

   New construction completed at the spill location has repaved the area over the spill site plus installed new drywells upgradient. The nearest drywells are 30' south and 30' south-southeast of the center of the spill. These structures will not materially alter the groundwater percolation through the spill since they are not located directly over the spill and previously a large unpaved field was located upgradient, which will now be paved and drained by drywells. Thus the surface percolation situation will be returned to the

same condition as existed at the time of the spill, which will serve to retard further downward heating oil movement as occurred previously.

The spill location is in a "brownfields"-type area with mitigation dictated by the IDEM Risk Integrated System of Closure (RISC) model. As such reduced criteria compared to an unindustrialized residential locale can be applied. With the exception of xylenes and bis (2-ethylhexyl) phthalate in the centerline well cluster, existing pollutant levels are acceptable without further action.

2. ***In Situ Bioremediation***: Enzyme and bacteria culture injection with nutrient enrichment and oxygenation at the spill site to digest these heating oil components has application to this situation. Ex situ treatment, i.e. excavation of the contaminated soils, offers no advantages over simple excavation and disposal for the amount of soil anticipated. Two methods are commonly practiced with in situ treatment - with and without groundwater extraction, treatment and recharge. The existing monitoring wells can be reused for the injections plus possible additional injection points or withdrawal points. This in situ method has been established as effective with diesel and fuel oil in similar soils. It offers the advantages of minimal interference with ongoing construction at the site, a lower cost than excavation and dealing with the pollutant at the source. The projected clean-up time is less than the recovery well option.

3. ***Recovery Well***: A well approximately 60' deep at the center of the spill would be able to reverse the localized groundwater flow and contain the plume. Most of the contamination is floating at the groundwater surface. The exact diameter and capacity of the well would need to be calculated based upon the characteristics of the aquifer. However, the volume of water is expected to be within the capacity of the nearby sanitary sewers so that discharge to the City wastewater treatment plant could be used for its disposal. No effect at the wastewater plant, located at the extreme northern edge of the City, in terms of contaminant concentration or water volume would be expected. Placement of the screen at the groundwater surface will allow recovery of the most contaminated portion of the plume. No free product is expected to be encountered. This technique offers the advantages of arresting the further propagation of the plume and minimal interference with ongoing construction at the site. Treatment of the wastewater generated by the well can be handled by the City with a minimal increase in operating expense. The main disadvantage is the slow washout of the contaminants at the source because of low solubility in water and the extended time frame for the clean-up that results.

4. ***Contaminated Soil Excavation***: Although the site of the spill has been repaved and drained, there are no structures within 30' of the spill center that would be adversely affected by excavation of contaminated soil down to the water table surface. The soil borings indicate that contamination begins at about 6' below grade and that the majority of the contamination has "ponded" at the water table surface at about 23' below grade. Excavation to 23' would need to be done in tiers. Excavation in the vadose zone would be expected to be quite localized and limited. A larger area would be expected at the groundwater surface.

With most of the contamination already into the groundwater, as judged from the soil boring profile, the effectiveness of this action will be limited but will reduce some of the potential future source for contaminants. This is the highest cost alternative considered feasible.

Of these options, we recommend that the ***No Action*** alternative be applied on the following basis:

- There is no immediate or foreseeable public health impact downgradient.
- This plume is only one portion of a mixture of plumes, including chlorinated VOC, from other off-site, upgradient sources and the overall benefit of remediating the plume in question would be small.

The second choice would be the in-situ bioremediation alternative with no groundwater extraction/treatment/recharge. This has been shown effective with small releases involving groundwater in similar sandy soils. It offers the highest level of remediation with the least impact on the new construction.

VII. REFERENCES

1. *Soil Survey for St. Joseph County, Indiana*, United States Department of Agriculture, Soil Conservation Service & Purdue University Agricultural Experiment Station, November 1977.
2. *Water Resources Availability in the St. Joseph River Basin, Indiana*, Indiana Department of Natural Resource, Water Resource Assessment 87-1 (1987).
3. *Studebaker Corporation Plants 1 & 2, Drawing WX9266*, Studebaker Archives, July 20, 1951 (Revised 6/54).
4. interview with David E. Tungate, Water Quality Engineer, South Bend Water Works, October 11, 2001.
5. interview with Mark Nelson, St. Joseph County Health Department, October 11, 2001.

Table 1: Spill Site Soil Sample Results
Total Petroleum Hydrocarbons (TPH)[1]
730 United Drive (Building 69)

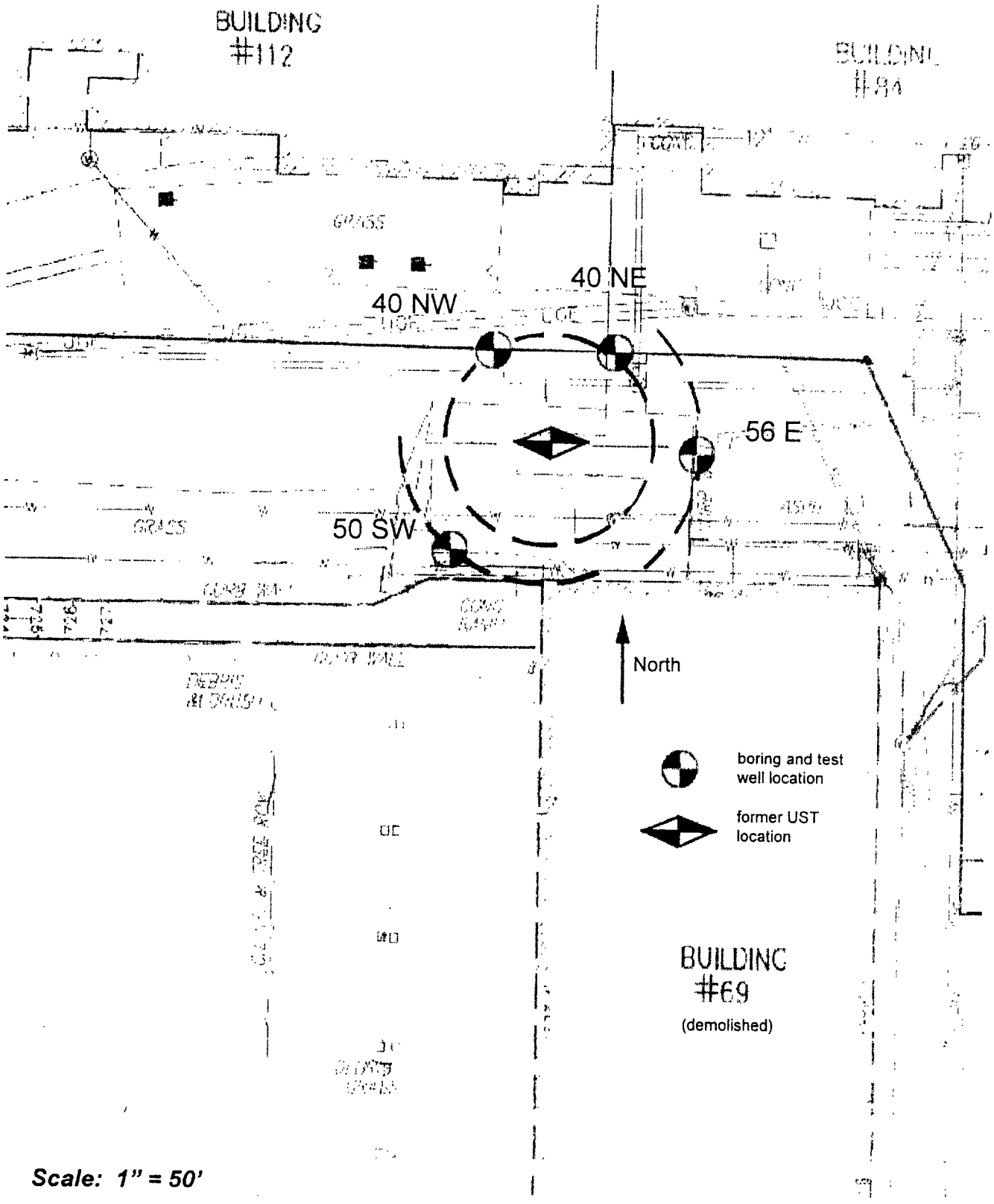
Depth (feet)	Date	TPH (mg/KG)[2]
6-7.5	1/4/01	1,000
12-13.5	1/4/01	450
18.5-20.0	1/12/01	47
23.5-25.0	1/12/01	3,650
EPA/IDEM Limit		**20**

[1] analyzed by EPA GC/FID protocol 8260B
[2] samples collected at presumed center of the spill as determined from historical Studebaker Automotive Corporation data

Table 2: Spill Site Groundwater Sample Results Summary
Volatile Organics and Semi-Volatile Organics[1]
May 23 and June 25, 2001

	Results (µg/L)									Indiana RISC Criteria[3]
Monitoring Well	50SW		56E		40NE			40NW		
Screen Bottom (ft)	25	34	25	35	25	35	45	25	35	
NON-CHLORINATED VOLATILES (6/25/01)										
benzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	**99**
n-butylbenzene	<2	<2	<2	4.3	<2	<2	<2	<2	<2	**230**[4]
carbon disulfide	<2	<2	<2	<2	<2	<2	<2	<2	3.2	**10,000**
ethyl benzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	**10,000**
isopropyltoluene	<2	<2	<2	<2	4.3	46	<2	<2	<2	
methyl tert-butyl ether	<2	<2	<2	<2	<2	<2	<2	<2	<2	**720**
naphthalene	<2	<2	<2	<2	<2	210	<2	<2	<2	**2,000**
n-propylbenzene	<1	<1	<1	<1	<1	26	<1	<1	<1	**230**[4]
toluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	**20,000**
1,2,4-trimethylbenzene	<2	<2	<2	<2	11	**200**	<2	<2	<2	**63**[5]
1,3,5-trimethylbenzene	<2	<2	<2	<2	<2	54	<2	<2	<2	**72**[5]
o,m,p-xylenes	<2	<2	<2	<2	<2	**3,800**[2]	<2[2]	<2	<2	**180**
48 other compounds	nd	nd	nd	nd	nd	nd	nd	nd	nd	
Total	**nd**	**nd**	**nd**	**4.3**	**15.3**	**4,336**	**nd**	**nd**	**3.2**	
SEMI-VOLATILES (5/23/01)										
bis (2-ethylhexyl) phthalate	<10	<10	<10	190	72	**680**	71	<10	**200**	**200**
naphthalene	<10	<10	<10	<10	<10	205	<10	<10	<10	**2,000**
68 other compounds	nd	nd	nd	nd	nd	nd	nd	nd	nd	
Total	**<10**	**<10**	**<10**	**190**	**72**	**885**	**71**	**<10**	**200**	
CHLORINATED VOLATILES (6/25/01)										
1,1-dichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	1.1	**10,000**
c-1,2-dichloroethene	2.0	3.6	<1	1.7	3.4	<1	3.4	<1	2.2	**1,000**
tetrachloroethylene	1.8	3.2	1.3	1.1	1.5	<1	3.3	2.4	2.9	**55**
trichloroethylene	21	31	4.7	15	6.8	<1	36	11	36	**200**
1,1,1-trichloroethane	<1	1.4	<1	<1	<1	<1	1.5	<1	<1	**9,200**
Total	**25**	**52**	**6.0**	**18**	**12**	**<1**	**44**	**43**	**31**	
TOTAL PETROLEUM HYDROCARBONS (6/25/01)										
TPH	<200	<200	<200	1,030	6,260	5,810	<200	<200	390	**1,000**[6]

[1] all compounds included in EPA GC/FID protocols 8260B (VOC) and 8270C (SVOC)
nd - below minimum detection limit (MDL), refer to the laboratory report for individual MDL's
[2] BETX result 5/23/01 = 5,650 µg/L (40 NE-35); 36 µg/L (40NE-45) xylenes, no others detected
[3] IDEM Default Closure Values, Table A - Industrial, February 15, 2001
[4] MDEQ Generic Commercial/Industrial II,III,IV Criteria-Drinking Water, Op Memo# 18, 6/7/01
[5] MDEQ Generic Commercial/Industrial II,III,IV Cleanup Criteria - aesthetics only
[6] IDEM Tier I Groundwater Detection Limit, 1994 UST Closure Guidance

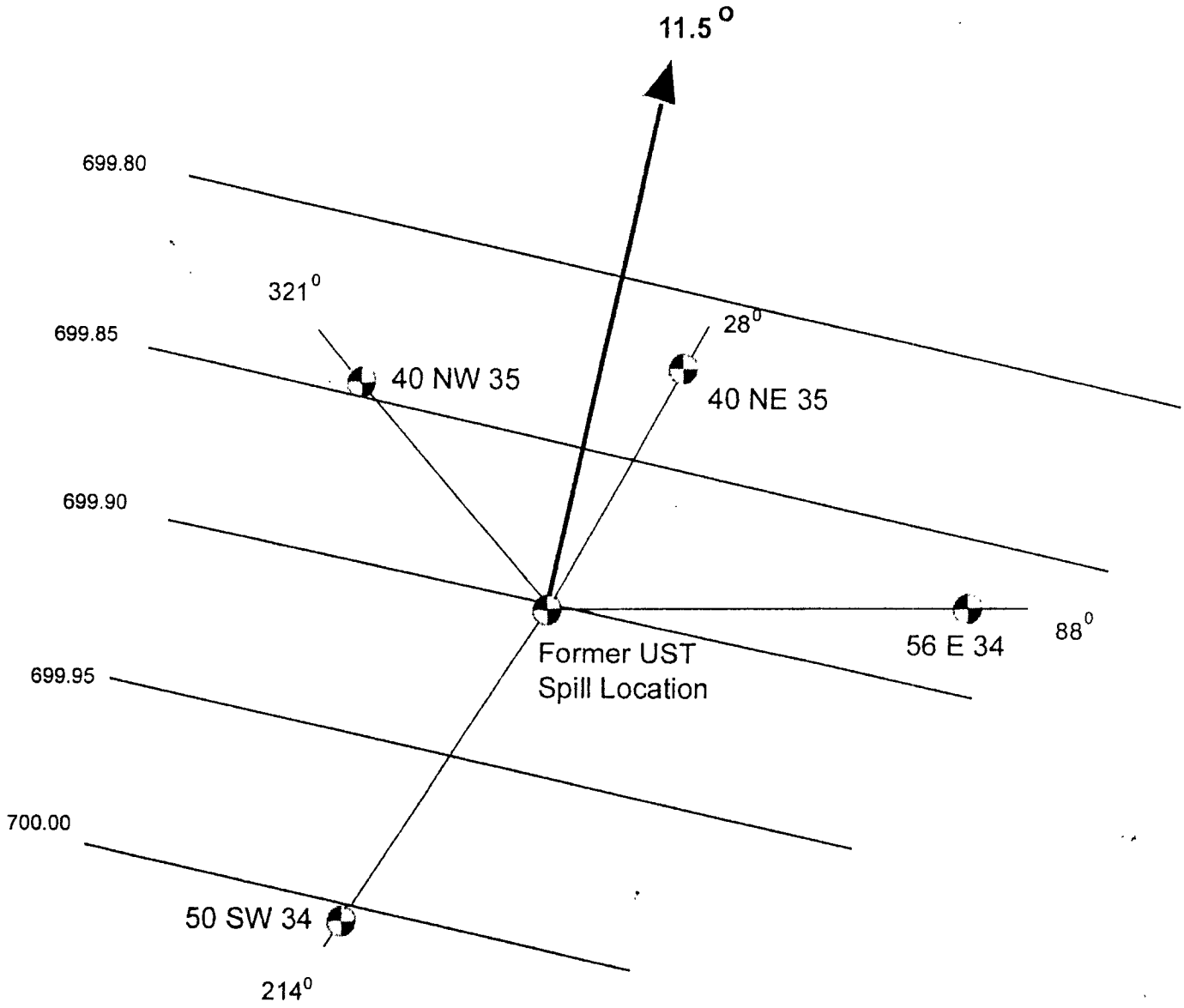


Drawn AMG	Check LWG	Date 5/16/01	Project 2032

Grauvogel & Associates
17660 Fall Creek Drive
Granger, Indiana 46530

Former UST Site with Borings and Test Wells
730 United Drive UST Spill Site
Incident# 2001-01-156
South Bend, Indiana

Figure **1**



* Test well location angles referenced to magnetic North
* Groundwater surface elevations measured on 5/23/01
* Elevations referenced to USGS datum

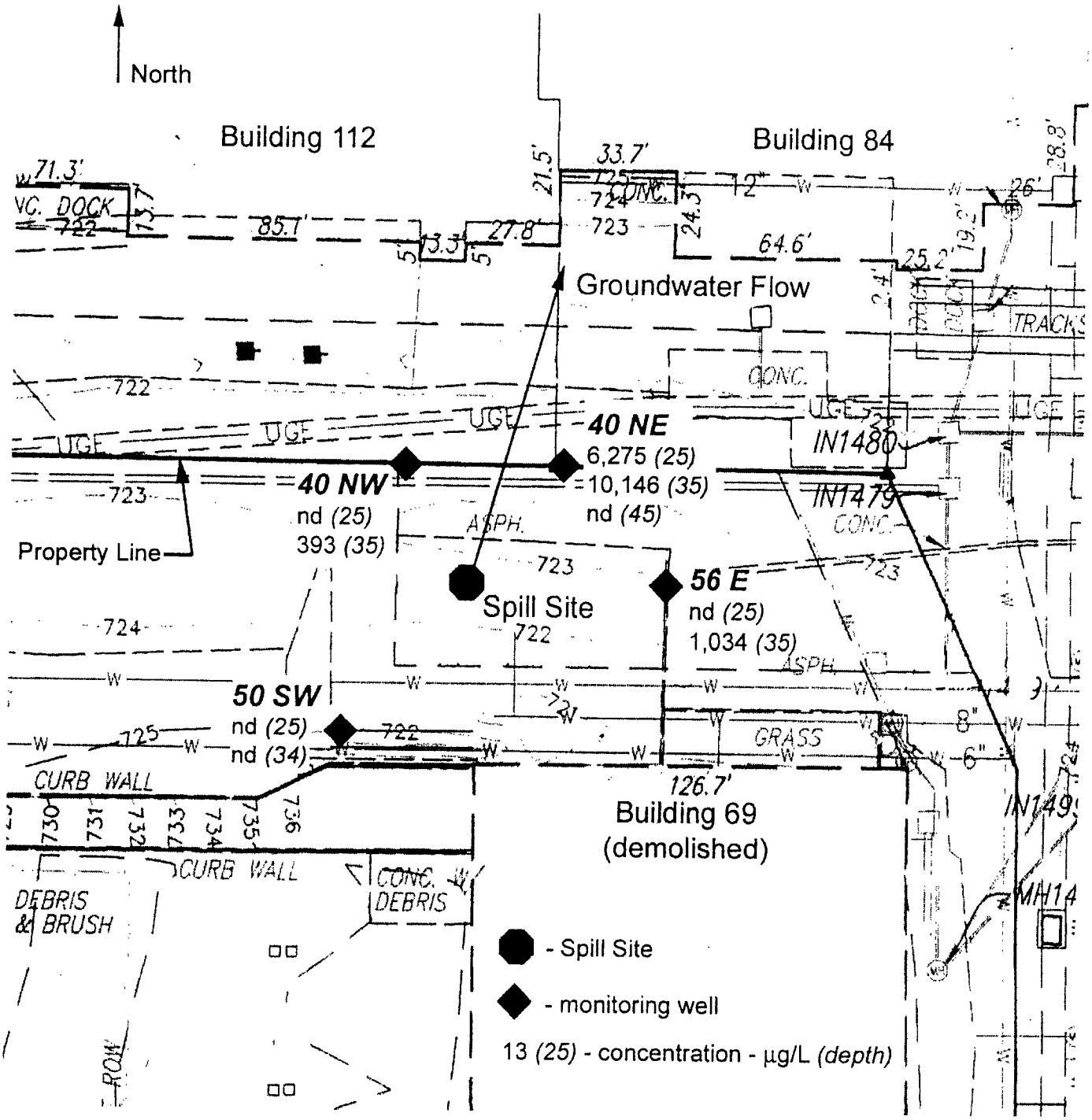
Test well locations

Drawn AMG	Check LWG	Date 6/1/01	Project 2032

Grauvogel & Associates
17660 Fall Creek Drive
Granger, Indiana 46530

Local Groundwater Flow at Former UST Site
730 United Drive (Bldg 69)
Incident# 2001-01-156
South Bend, Indiana

Figure
2

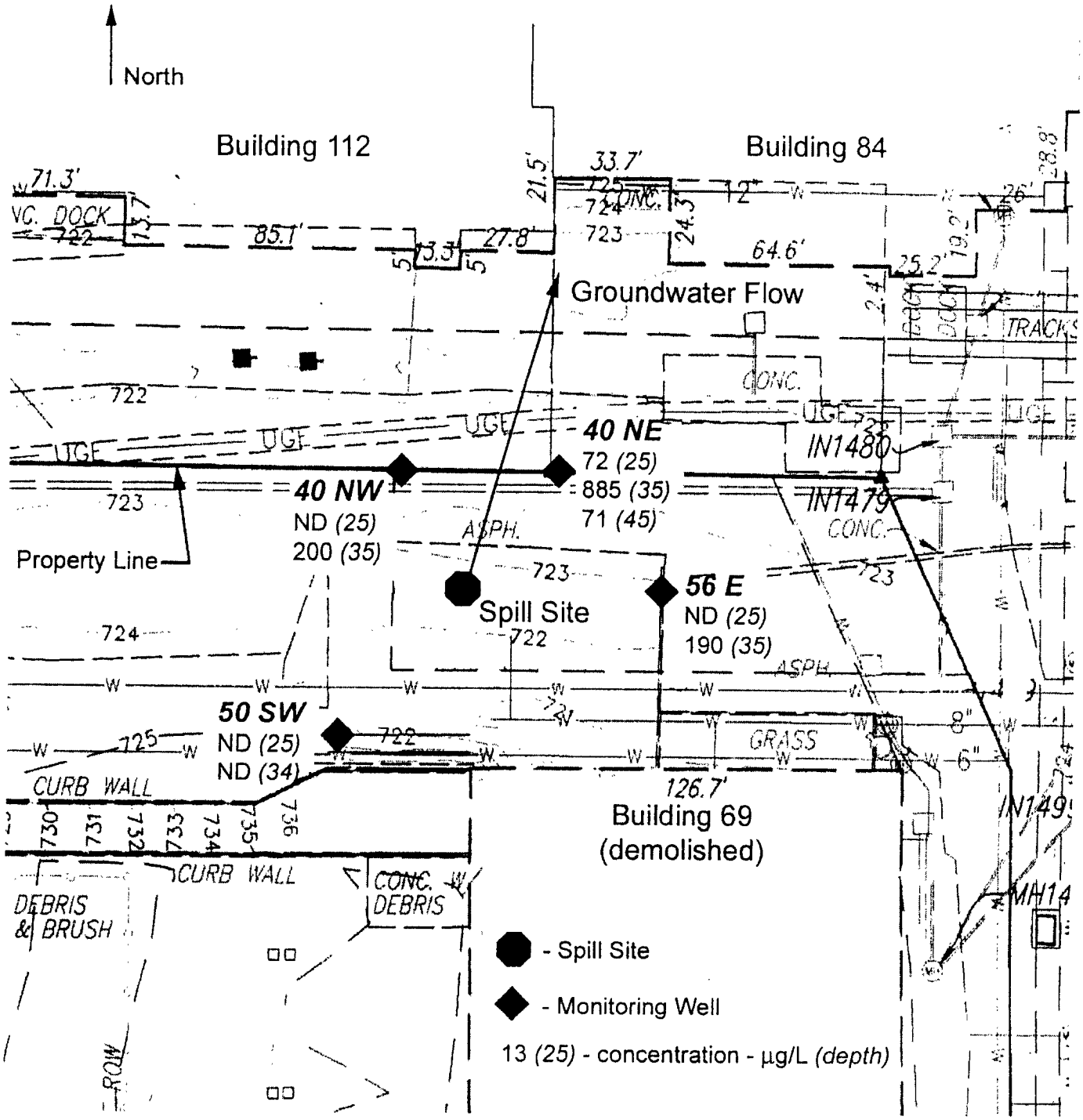


Drawn AMG	Check LWG	Date 9/17/01	Project 2032

Grauvogel & Associates
17660 Fall Creek Drive
Granger, Indiana 46530

Groundwater Contamination - Non-Chlorinated VOC
730 United Drive UST Spill Site
Incident# 2001-01-156
Department of Public Works - South Bend, Indiana

Figure **3**

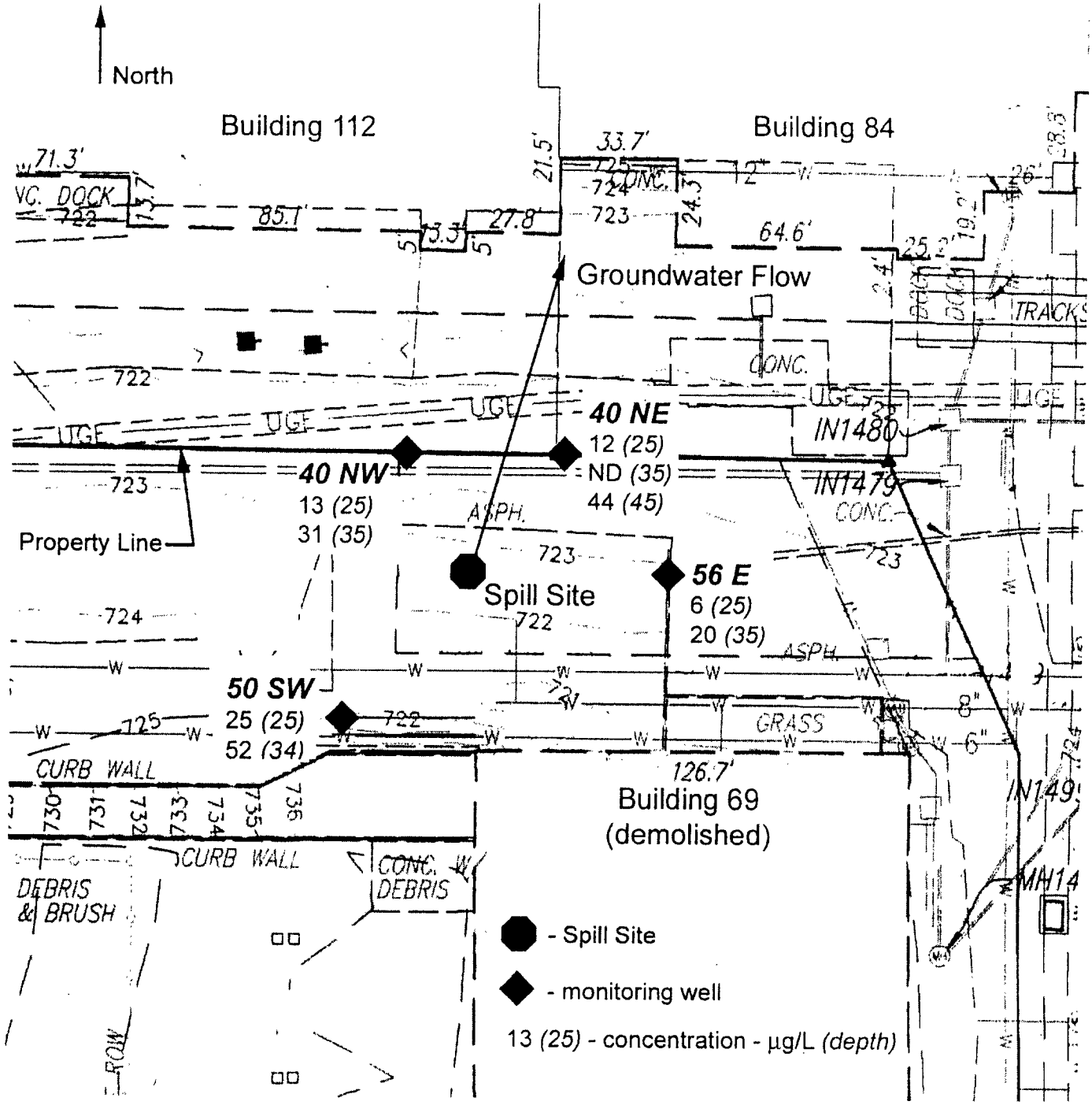


Drawn AMG	Check LWG	Date 9/17/01	Project 2032

Grauvogel & Associates
17660 Fall Creek Drive
Granger, Indiana 46530

Groundwater Contamination - Total SVOC
730 United Drive UST Spill Site
Incident# 2001-01-156
Department of Public Works - South Bend, Indiana

Figure **4**



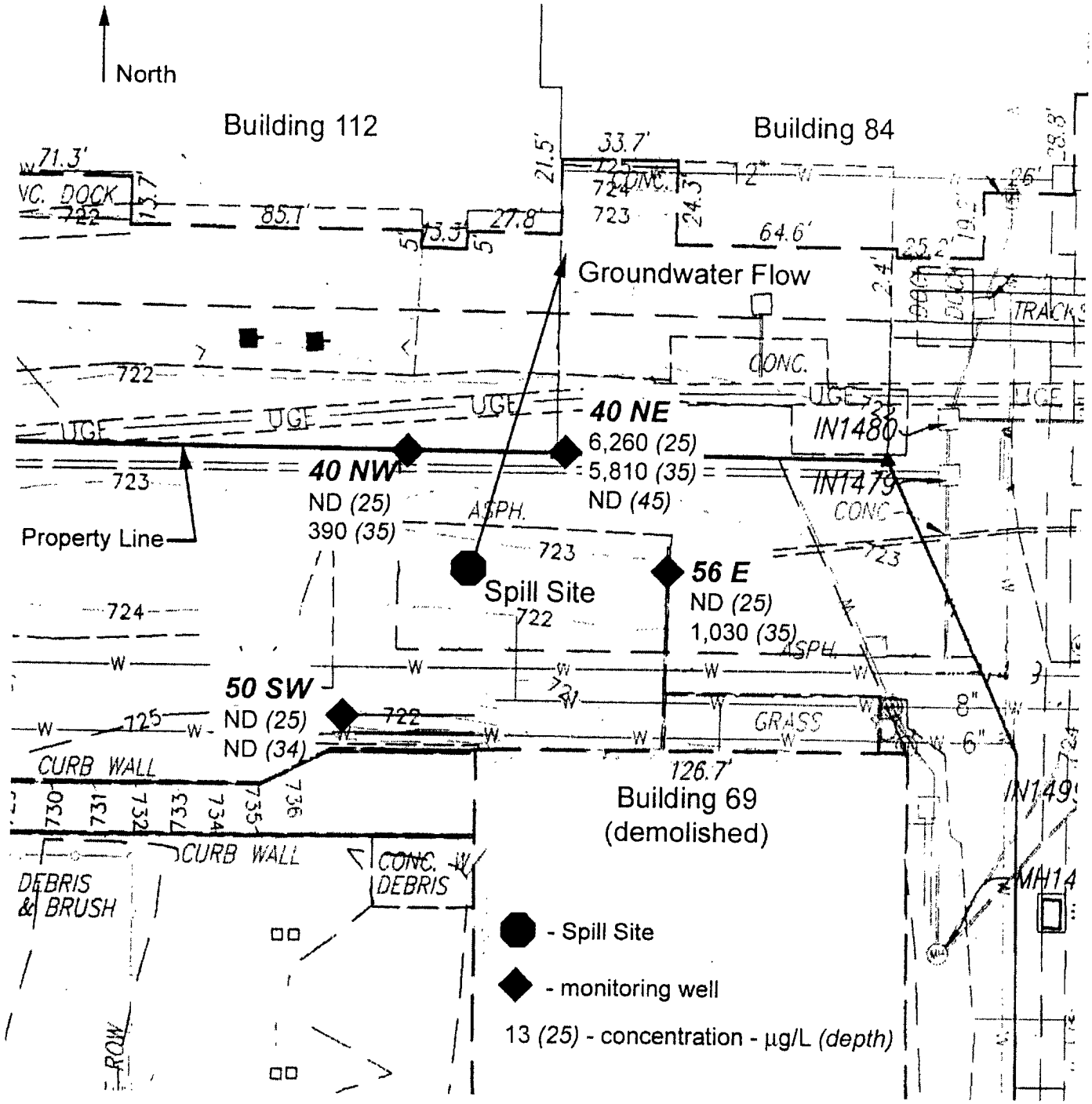
Scale: 1" = 40'

Drawn AMG	Check LWG	Date 9/17/01	Project 2032

Grauvogel & Associates
17660 Fall Creek Drive
Granger, Indiana 46530

Groundwater Contamination - Chlorinated VOC
730 United Drive UST Spill Site
Incident# 2001-01-156
Department of Public Works - South Bend, Indiana

Figure **5**



Drawn AMG	Check LWG	Date 9/17/01	Project 2032

Grauvogel & Associates
17660 Fall Creek Drive
Granger, Indiana 46530

Groundwater Contamination - TPH
730 United Drive UST Spill Site
Incident# 2001-01-156
Department of Public Works - South Bend, Indiana

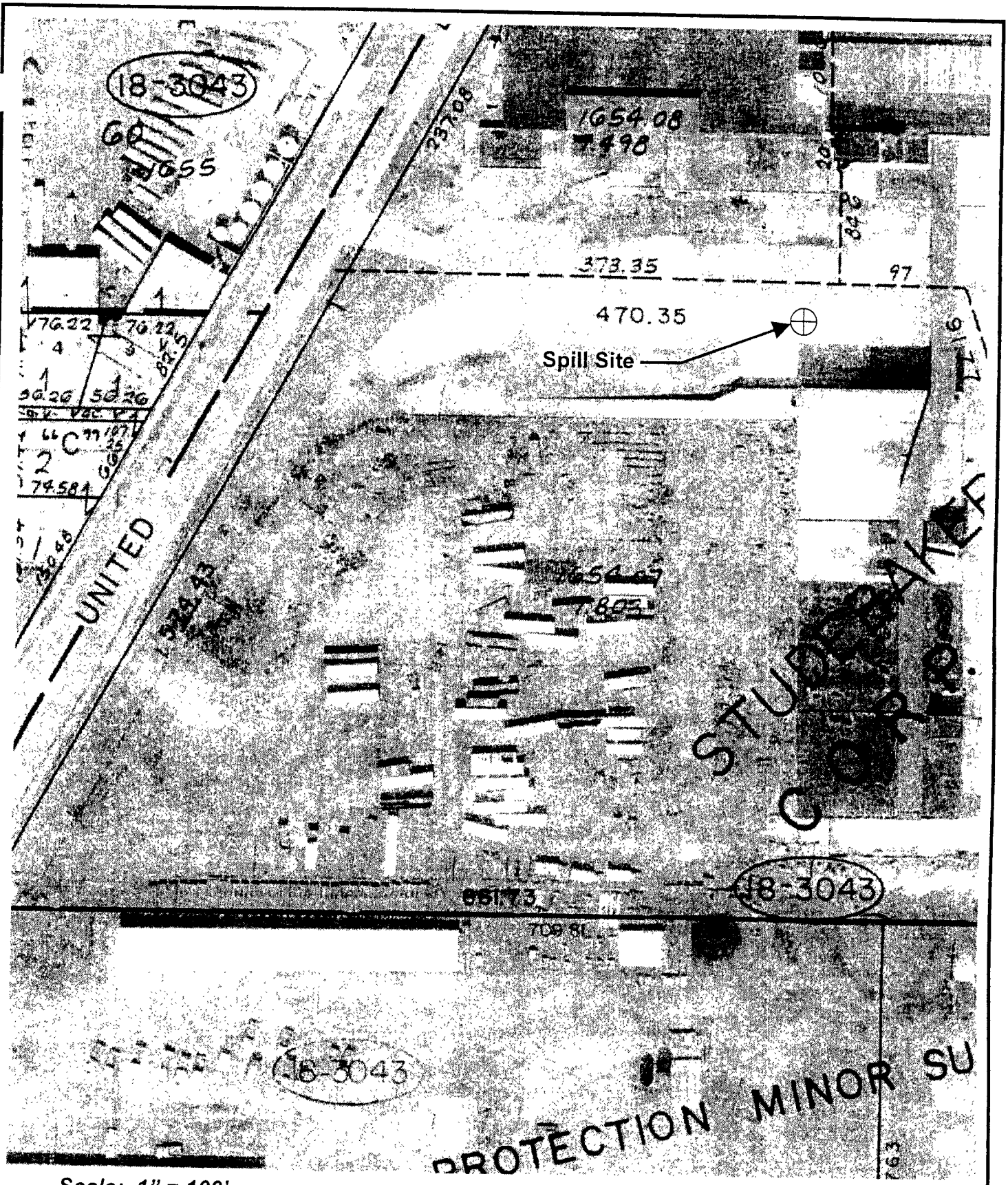
Figure **6**

Drawn LWG	Check LWG	Date 10/4/01	Project 2032

Grauvogel & Associates
17660 Fall Creek Drive
Granger, Indiana 46530

General Location - 730 United Drive
South Bend, Indiana
USGS 7.5' Quadrangle - South Bend East (1991)/West (1986)

Figure **7**

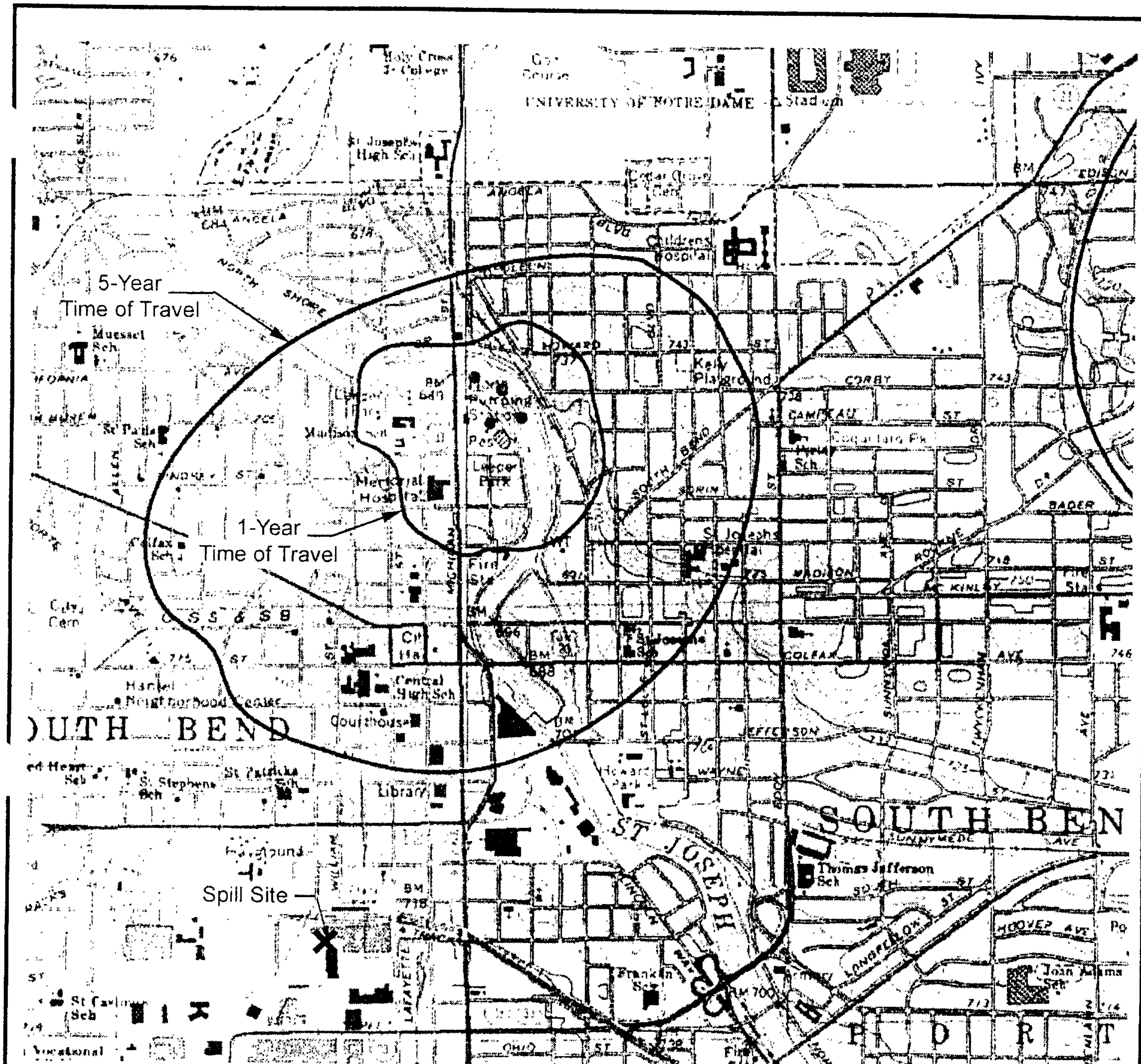


Scale: 1" = 100'

Grauvogel & Associates 17660 Fall Creek Drive Granger, Indiana 46530	Drawn AMG	Check LWG	Date 8/8/01	Project 2032

1993 Plat Map
730 United Drive - Studebaker Building 69 Area
South Bend, Indiana

Figure **8**



KEY

⊕ Wells

Map prepared by
Lawson Fischer Associates, P.C.
from data provided by
Peerless Midwest Wellhead Delineations

North

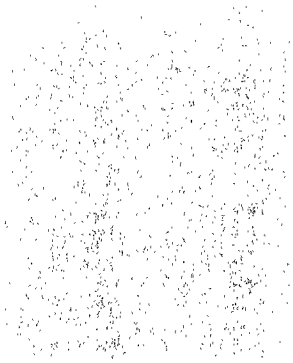
Scale: 1" = 2,000"

Grauvogel & Associates
17660 Fall Creek Drive
Granger, Indiana 46530

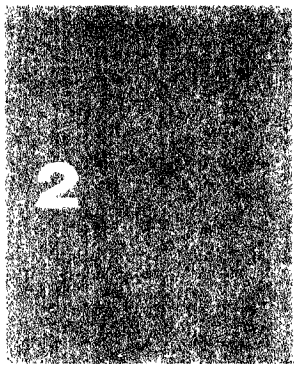
Drawn LWG	Check LWG	Date 10/11/01	Project 2032

Wellhead Protection Area
Leeper Park (North) Wellfield - South Bend, Indiana
1-Year and 5-Year Time of Travel Zones

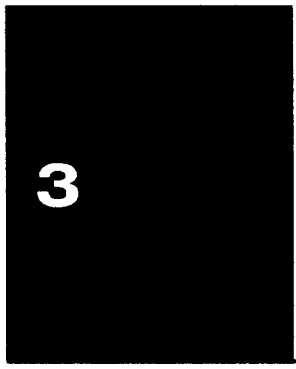
Figure
9



Initial Soil Boring TPH
January 4 & 12, 2001

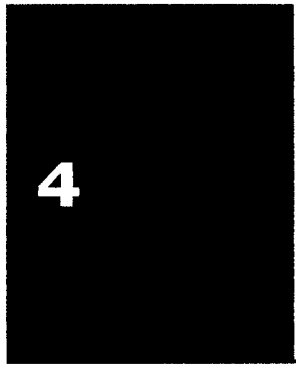


Soil Borings TPH
May 18, 2001

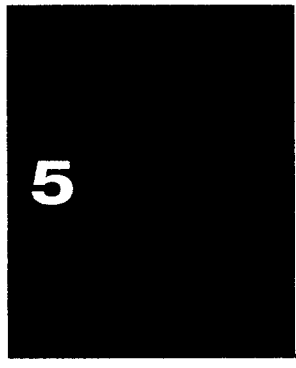


Groundwater BETX & SVOC
May 23, 2001

STOP COMING HERE



Groundwater VOC
June 25, 2001



REPORT OF ANALYSIS

Mr Larry Grauvogel
Grauvogel & Associates
17660 Fall Creek Drive
Granger, IN 46530
Tel No: 277-4770
Fax No: 277-5281
PO No:
Project Name: Studebaker Building 69

Report Date:	1/19/01
EIS Order No:	**010100033**
EIS Sample No:	073326
EIS Project No:	2730-1000-01
Client Sample ID:	**32.2.6 A&B**
Date Collected:	1/4/01
Date Received:	1/4/01
Collected By:	L.G.

This report presents results of analysis for your sample(s) received under our Order No above. This Number is to be used in all inquiries concerning this report. The EIS Sample No above, as well as your Sample ID, refer to the first sample in a multi-sample submission

DEFINITIONS:

RDL = Reporting Detection Limit for your sample and may include adjustments for matrix interferences.
nd = Not Detected at the RDL value. If present, result is less than this value.
< = Not Detected at the numerical value shown. If present, result is less than this value.
( ) = Result is estimated due to matrix interferences.

CHAIN-OF-CUSTODY is enclosed if received with your sample submission.

DRINKING WATER CERTIFICATIONS: Chemistry = C-71-02 Bacteriology = 52715

NOTE: Samples from Boring #2 were submitted for TPH(GRO) but contained only DRO. Results are reported as TPH(DRO) even though the report lists TPH(GRO).

QUALITY ASSURANCE OFFICER

LABORATORY DIRECTOR

The data in this report has been reviewed and complies with EIS Quality Control unless specifically addressed above.

SAMPLE RESULTS

Client Name: Grauvogel & Associates
Client Project: Studebaker Building 69

Report Date: 1/19/01
EIS Order No: 010100033

EIS Lab Number	Client Description	Sample Date	Parameter	Result	Units	RDL	Test Date	Analyst	Method
073326	32.2.6 A&B	1/4/01	Moisture	11	%	0.1	1/5/01	LozanoS	160.3
		1/4/01	TPH (GRO)	1000	mg/kg(wet)	150	1/8/01	WilliamsJ	8260 B
073327	32.2.12 A&B	1/4/01	Moisture	12	%	0.1	1/5/01	LozanoS	160.3
		1/4/01	TPH (GRO)	450	mg/kg(wet)	60	1/8/01	WilliamsJ	8260 B
073328	32.3.6 A&B	1/4/01	Moisture	6.4	%	0.1	1/5/01	LozanoS	160.3
		1/4/01	TPH (DRO)	<20	mg/kg(wet)	20	1/8/01	CarlsenS	8015 M
073329	32.3.12 A&B	1/4/01	Moisture	8.9	%	0.1	1/5/01	LozanoS	160.3
		1/4/01	TPH (DRO)	<20	mg/kg(wet)	20	1/8/01	CarlsenS	8015 M
073330	32.1.6 A&B	1/4/01	Moisture	11	%	0.1	1/5/01	LozanoS	160.3
		1/4/01	TPH (DRO)	<20	mg/kg(wet)	20	1/8/01	CarlsenS	8015 M
073331	32.1.12 A&B	1/4/01	Moisture	8.1	%	0.1	1/5/01	LozanoS	160.3
		1/4/01	TPH (DRO)	<20	mg/kg(wet)	20	1/8/01	CarlsenS	8015 M

QUALITY ASSURANCE / QUALITY CONTROL DATA

Method Specific Surrogate Compound Recoveries

EIS Order ID: 010100033

QUALITY CONTROL LIMITS

Normal Test	Surrogate	Methods		QC Limits	
		Water	Soil	Water	Soil
Herbicides	2,4-Dichlorophenylaceticacid(DCAA)	615 / 8151A / 515.1	8151A	15 - 135	
Pesticides / PCB	2,4,5,6-Tetrachloro-m-xylene(TCMX)	608 / 8081A / 8082 / 508	8082	22 - 135	40 - 150
Pesticides / PCB	Decachlorobiphenyl(DCB)	608 / 8081A / 508	8082	22 - 135	40 - 150
SOC (svoc)	Perylene, d12	525.2		70 - 130	
SVOC (acid)	2-Fluorophenol	625 / 8270C	8270C	21 - 100	25 - 121
SVOC (acid)	Phenol, d5	625 / 8270C	8270C	10 - 94	24 - 113
SVOC (base/neutral)	Nitrobenzene, d5	625 / 8270C	8270C	35 - 114	23 - 120
SVOC (base/neutral)	2-Fluorobiphenyl	625 / 8270C	8270C	43 - 116	30 - 115
SVOC (acid)	2,4,6-Tribromophenol	625 / 8270C	8270C	10 - 123	19 - 122
SVOC (base/neutral)	Terphenyl, d14	625 / 8270C	8270C	33 - 141	18 - 137
TPH	Styrene	8015M	8015M	30 - 70	34 - 66
VOC / BETX / TPH	1,2-Dichloroethane, d4	624 / 8260B / 524.2	8260B	76 - 114	70 - 121
VOC / BETX / TPH	Toluene, d8	624 / 8260B / 524.2	8260B	86 - 115	74 - 121
VOC / BETX / TPH	Bromofluorobenzene(BFB)	624 / 8260B / 524.2	8260B	86 - 115	74 - 121

EIS Lab No	Client Sample ID	Method	Matrix	Surrogate	%Recovery
073326	32.2.6 A&B	8260 B	Soil/Sludge/Solid	1,2-Dichloroethane-d4 (SS)	89
		8260 B	Soil/Sludge/Solid	4-Bromofluorobenzene (SS)	114
		8260 B	Soil/Sludge/Solid	Toluene-d8 (SS)	94
073327	32.2.12 A&B	8260 B	Soil/Sludge/Solid	1,2-Dichloroethane-d4 (SS)	91
		8260 B	Soil/Sludge/Solid	4-Bromofluorobenzene (SS)	114
		8260 B	Soil/Sludge/Solid	Toluene-d8 (SS)	101
073328	32.3.6 A&B	8015 M	Soil/Sludge/Solid	Styrene (SS)	65
073329	32.3.12 A&B	8015 M	Soil/Sludge/Solid	Styrene (SS)	60
073330	32.1.6 A&B	8015 M	Soil/Sludge/Solid	Styrene (SS)	66
073331	32.1.12 A&B	8015 M	Soil/Sludge/Solid	Styrene (SS)	56

Legend: -1 = Surrogates diluted out -2 = Surrogates not used ( ) = methods with different QC Limits

QUALITY CONTROL DATA

MATRIX SPIKE / DUPLICATE MATRIX SPIKE (MS/DMS)

EIS Order: 010100033
QC Sample: 073329
Matrix: Soil
Test: TPH(DRO)

EIS Lab #s in This Batch: 073326 - 073331

Comments Concerning This QC Batch: None

Parameter	Back-ground	Spike Amount	Matrix Spike		Duplicate Spike		RPD	Quality Control Limits				QC Batch
								RPD		% R		
			Result	% R	Result	% R		LCL	UCL	LCL	UCL	
TPH (DRO)	<20	40	40	100	41	102	2	0	20	75	125	QB00228

LEGEND:

1. Background = Sample Result
2. Spike amount may be adjusted for dilution used in sample analysis
   % R = Percent Recovery of Spike
   RPD = Relative Percent Difference of the spike recoveries
   LCL = Lower Control Limit
6. UCL = Upper Control Limit
7. Units are normally those shown in the Analysis Report and are always the same for the Background and Spike

CHAIN OF CUSTODY RECORD

PROJ. NO	PROJECT NAME	Total No. of Containers	TPH gasoline	TPH diesel	Lab Order ID
2032	Studebaker Building 69				0101.033

SAMPLERS: (Print Name & Sign) L W Grauvogel

FIELD ID	DATE	TIME	COMP	GRAB	STATION LOCATION	Containers	TPH gasoline	TPH diesel	Sample Type	TAT	Lab Number
32-2-6A-B	1/4/00	0930	✓		Boring #2 NW 6'	2	✓		SH	Norm	73326
32-2-12A-B	"	0945	✓		" #2 " 12'	2	✓		SH		73327
32-3-6A-B	1/4/00	1030	✓		Boring #3 N 6'	2		✓	SL		73328
32-3-12A-B	1/4/00	1045	✓		" #3 " 12"	2		✓	SL		73329
32-1-6A-B	1/4/00	1130	✓		Boring #1 - E 6'	2		✓	SL		73330
32-1-12A-B	1/4/00	1145	✓		" #1 - " 12'	2		✓	SL	↓	73331

Relinquished By: (Signature)	Date	Time	Received By: (Signature)	EIS QUOTE NO:
L W Grauvogel	1/4/00	1205	S. Clark	
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Ship To:
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	

NOTES: 1) **If you were issued a quote number, it must appear on this document.**
2) **Instructions & area for comments are on reverse side.**

EIS ANALYTICAL SERVICES, INC. • 1701 NORTH IRONWOOD DRIVE SUITE B • SOUTH BEND IN 46635 • Phone (219)277-0707 • Fax (219)273

REPORT OF ANALYSIS

Mr Larry Grauvogel
Grauvogel & Associates
17660 Fall Creek Drive
Granger, IN 46530
Tel No: 277-4770
Fax No: 277-5281
PO No:
Project Name: Studebaker Building 69

Report Date: 1/26/01
EIS Order No: 010100092
EIS Sample No: 073455
EIS Project No: 2730-1000-01

Client Sample ID: Boring#2 - 18.5'
Date Collected: 1/12/01
Date Received: 1/12/01
Collected By: L.G.

This report presents results of analysis for your sample(s) received under our Order No above. This Number is to be used in all inquiries concerning this report. The EIS Sample No above, as well as your Sample ID, refer to the first sample in a multi-sample submission

DEFINITIONS:

MDL = Method Detection Limit normally achieved in the absence of interferences or other matrix difficulties.
RDL = Reporting Detection Limit achieved in your sample. If numerically greater than the MDL, dilutions were required in order to perform the analysis. If numerically less than the MDL, alternate techniques were employed.
nd = Not Detected at the RDL value. If present, result is less than this value.
< = Not Detected at the numerical value shown. If present, result is less than this value.
( ) = Result is estimated due to matrix interferences.

CHAIN-OF-CUSTODY is enclosed if received with your sample submission.

DRINKING WATER CERTIFICATIONS: Chemistry = C-71-02 Bacteriology = 52715

NOTE: TPH(GRO) was requested for the Boring#2 soils via your Chain-of-Custody. TPH actually found is Diesel Range and results are reported as TPH(DRO) even though the report shows GRO.

QUALITY ASSURANCE OFFICER

LABORATORY DIRECTOR

The data in this report has been reviewed and complies with EIS Quality Control unless specifically addressed above.

SAMPLE RESULTS

CLIENT SAMPLE ID: **Boring#2 - 18.5'**
CLIENT PROJECT: **Studebaker Building 69**
SAMPLE TYPE: **Soil/Sludge/Solid**
Date Collected: 1/12/01

Report Date: 1/26/01
EIS Sample No: 073455
EIS Order No: 010100092
Date Received: 1/12/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Moisture	2.8	%	0.1	0.1	LozanoS	1/16/01	160.3
TPH (GRO)	47	mg/kg(wet)	30	20	WilliamsJ	1/18/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: Boring#2 - 23.5'
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Soil/Sludge/Solid
Date Collected: 1/12/01

Report Date: 1/26/01
EIS Sample No: 073456
EIS Order No: 010100092
Date Received: 1/12/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Moisture	9.9	%	0.1	0.1	LozanoS	1/16/01	160.3
TPH (GRO)	3650	mg/kg(wet)	700	20	WilliamsJ	1/18/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: Boring#2
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 1/12/01

Report Date: 1/26/01
EIS Sample No: 073457
EIS Order No: 010100092
Date Received: 1/12/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
BETX / MTBE							
Benzene	nd	µg/L	40	1	WilliamsJ	1/17/01	8260 B
Ethylbenzene	nd	µg/L	40	1	WilliamsJ	1/17/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	80	2	WilliamsJ	1/17/01	8260 B
Toluene	nd	µg/L	40	1	WilliamsJ	1/17/01	8260 B
Xylenes, Total	nd	µg/L	80	2	WilliamsJ	1/17/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: **Trip Blank**
CLIENT PROJECT: **Studebaker Building 69**
SAMPLE TYPE: **Water(Non DW)**
Date Collected: 1/12/01

Report Date: 1/26/01
EIS Sample No: 073458
EIS Order No: 010100092
Date Received: 1/12/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
BETX / MTBE / TPH							
Benzene	nd	µg/L	1	1	WilliamsJ	1/17/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	1/17/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	2	2	WilliamsJ	1/17/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	1/17/01	8260 B
TPH (GRO)	nd	µg/L	200	200	WilliamsJ	1/17/01	8260 B
Xylenes, Total	nd	µg/L	2	2	WilliamsJ	1/17/01	8260 B

QUALITY ASSURANCE / QUALITY CONTROL DATA

Method Specific Surrogate Compound Recoveries

EIS Order ID: 010100092

QUALITY CONTROL LIMITS

Normal Test	Surrogate	Methods		QC Limits	
		Water	Soil	Water	Soil
Herbicides	2,4-Dichlorophenylaceticacid(DCAA)	615 / 8151A / 515.1	8151A	15 - 135	
Pesticides / PCB	2,4,5,6-Tetrachloro-m-xylene(TCMX)	608 / 8081A / 8082 / 508	8082	22 - 135	40 - 150
Pesticides / PCB	Decachlorobiphenyl(DCB)	608 / 8081A / 508	8082	22 - 135	40 - 150
SOC (svoc)	Perylene, d12	525.2		70 - 130	
SVOC (acid)	2-Fluorophenol	625 / 8270C	8270C	21 - 100	25 - 121
SVOC (acid)	Phenol, d5	625 / 8270C	8270C	10 - 94	24 - 113
SVOC (base/neutral)	Nitrobenzene, d5	625 / 8270C	8270C	35 - 114	23 - 120
SVOC (base/neutral)	2-Fluorobiphenyl	625 / 8270C	8270C	43 - 116	30 - 115
SVOC (acid)	2,4,6-Tribromophenol	625 / 8270C	8270C	10 - 123	19 - 122
SVOC (base/neutral)	Terphenyl, d14	625 / 8270C	8270C	33 - 141	18 - 137
TPH	Styrene	8015M	8015M	30 - 70	34 - 66
VOC / BETX / TPH	1,2-Dichloroethane, d4	624 / 8260B / 524.2	8260B	76 - 114	70 - 121
VOC / BETX / TPH	Toluene, d8	624 / 8260B / 524.2	8260B	86 - 115	74 - 121
VOC / BETX / TPH	Bromofluorobenzene(BFB)	624 / 8260B / 524.2	8260B	86 - 115	74 - 121

EIS Lab No	Client Sample ID	Method	Matrix	Surrogate	%Recovery
073455	Boring#2 - 18.5'	8260 B	Soil/Sludge/Solid	1,2-Dichloroethane-d4 (SS)	104
		8260 B	Soil/Sludge/Solid	4-Bromofluorobenzene (SS)	101
		8260 B	Soil/Sludge/Solid	Toluene-d8 (SS)	90
073456	Boring#2 - 23.5'	8260 B	Soil/Sludge/Solid	1,2-Dichloroethane-d4 (SS)	110
		8260 B	Soil/Sludge/Solid	4-Bromofluorobenzene (SS)	105
		8260 B	Soil/Sludge/Solid	Toluene-d8 (SS)	91
073457	Boring#2	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	112
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	94
		8260 B	Water(Non DW)	Toluene-d8 (SS)	91
073458	Trip Blank	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	111
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	98
		8260 B	Water(Non DW)	Toluene-d8 (SS)	91

Legend: -1 = Surrogates diluted out -2 = Surrogates not used ( ) = methods with different QC Limits

CHAIN OF CUSTODY RECORD

PROJ. NO	PROJECT NAME
2038	Studebaker Bldg 69

SAMPLERS: (Print Name & Sign) Lawrence W. Grawrogel

FIELD ID	DATE	TIME	COMP	GRAB	STATION LOCATION	Total No. of Con-tainers	TPH gas and BTEX	Sample Type	TAT	Lab Number
0112-18.5A+B	1/12/01	1050	✓		Boring #2 - 18.5'	2	✓	Soil	Normal	73455
0112-23.5A+B	1/12/01	1045	✓		Boring #2 - 23.5'	2	✓	Soil	Normal	73456
0112-B2W-A+B	1/12/01	1100		✓	Boring #2 - Water (24')	2		Water	"	73457
					Trip Blank	1				73458

Lab Order ID: 01-092

Relinquished By: (Signature)	Date	Time	Received By: (Signature)	EIS QUOTE NO:
	1/12/01	1145		
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Ship To:
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	

NOTES: 1) **If you were issued a quote number, it must appear on this document.**
2) **Instructions & area for comments are on reverse side.**

EIS ANALYTICAL SERVICES, INC. • 1701 NORTH IRONWOOD DRIVE SUITE B •SOUTH BEND IN 46635 • Phone (219)277-0707 • Fax (219)27-

Form Completion Instructions

1. Each slanted line represents specific container types from which specific tests are conducted. Use additional record sheets if # of samples or # of tests exceed allotted spaces.
2. List tests (per container type) on the slanted lines & give # of containers in boxes below tests.
3. Sum all containers and place in column labeled Total No. Containers.
4. For the column labeled Sample Type, give brief description such as soil, MW, oil, etc.
5. For column labeled TAT use one of the following:

Request	Meaning
Normal	2 4 weeks for written report based entirely on test complexity and number of samples
1 week	In general, prior authorization is required from the lab to request a 5 day turnaround time. Surcharges may or may not be applicable, depending entirely on test complexity.
3 days	Must have been authorized by the Lab and increased costs must have been authorized by the client.
1 day	Must have been authorized by the Lab and increased costs must have been authorized by the client.

Submission Comments

REPORT OF ANALYSIS

Mr Larry Grauvogel
Grauvogel & Associates
17660 Fall Creek Drive
Granger, IN 46530
Tel No: 277-4770
Fax No: 277-5281
PO No:
Project Name: 730 United Drive, Bldg 69

Report Date:	5/31/01
EIS Order No:	**010500180**
EIS Sample No:	075606
EIS Project No:	2730-1000-01
Client Sample ID:	**50 SW 10'**
Date Collected:	5/17/01
Date Received:	5/18/01
Collected By:	A. Grauvogel

This report presents results of analysis for your sample(s) received under our Order No above. This Number is to be used in all inquiries concerning this report. The EIS Sample No above, as well as your Sample ID, refer to the first sample in a multi-sample submission

DEFINITIONS:

RDL = Reporting Detection Limit for your sample and may include adjustments for matrix interferences.
nd = Not Detected at the RDL value. If present, result is less than this value.
< = Not Detected at the numerical value shown. If present, result is less than this value.
( ) = Result is estimated due to matrix interferences.

CHAIN-OF-CUSTODY is enclosed if received with your sample submission.

DRINKING WATER CERTIFICATIONS: Chemistry = C-71-02 Bacteriology = M-76-5

QUALITY ASSURANCE OFFICER

LABORATORY DIRECTOR

The data in this report has been reviewed and complies with EIS Quality Control unless specifically addressed above.

SAMPLE RESULTS

Client Name: Grauvogel & Associates
Client Project: 730 United Drive, Bldg 69

Report Date: 5/31/01
EIS Order No: 010500180

EIS Lab Number	Client Description	Sample Date	Parameter	Result	Units	RDL	Test Date	Analyst	Method
075606	50 SW 10'	5/17/01	Moisture(%)	8.1	%	0.1	5/21/01	LozanoS	160.3
		5/17/01	TPH (DRO)	<20	mg/kg(wet)	20	5/22/01	CarlsenS	8015 M
075607	50 SW 21'	5/17/01	Moisture(%)	6.5	%	0.1	5/21/01	LozanoS	160.3
		5/17/01	TPH (DRO)	<20	mg/kg(wet)	20	5/22/01	CarlsenS	8015 M
075608	56 E 10'	5/17/01	Moisture(%)	10.0	%	0.1	5/21/01	LozanoS	160.3
		5/17/01	TPH (DRO)	<20	mg/kg(wet)	20	5/22/01	CarlsenS	8015 M
075609	56 E 21'	5/17/01	Moisture(%)	7.8	%	0.1	5/21/01	LozanoS	160.3
		5/17/01	TPH (DRO)	<20	mg/kg(wet)	20	5/22/01	CarlsenS	8015 M
075610	56 E 24'	5/17/01	Moisture(%)	5.5	%	0.1	5/21/01	LozanoS	160.3
		5/17/01	TPH (DRO)	<20	mg/kg(wet)	20	5/22/01	CarlsenS	8015 M
075611	40 NW 10'	5/18/01	Moisture(%)	8.1	%	0.1	5/21/01	LozanoS	160.3
		5/18/01	TPH (DRO)	<20	mg/kg(wet)	20	5/23/01	CarlsenS	8015 M
075612	40 NW 21'	5/18/01	Moisture(%)	11.0	%	0.1	5/21/01	LozanoS	160.3
		5/18/01	TPH (DRO)	<20	mg/kg(wet)	20	5/23/01	CarlsenS	8015 M
075613	40 NE 10'	5/18/01	Moisture(%)	9.8	%	0.1	5/21/01	LozanoS	160.3
		5/18/01	TPH (DRO)	21	mg/kg(wet)	20	5/23/01	CarlsenS	8015 M
075614	40 NE 24'	5/18/01	Moisture(%)	10.0	%	0.1	5/21/01	LozanoS	160.3
		5/18/01	TPH (DRO)	<20	mg/kg(wet)	20	5/23/01	CarlsenS	8015 M
075615	40 NW 24'	5/18/01	Moisture(%)	15.0	%	0.1	5/21/01	LozanoS	160.3
		5/18/01	TPH (DRO)	<20	mg/kg(wet)	20	5/23/01	CarlsenS	8015 M

SAMPLE PREPARATION INFORMATION

Client Name: Grauvogel & Associates
Client Project:: 730 United Drive, Bldg 69

Report Date: 5/31/01
EIS Order No: 010500180

EIS Lab Number	Client Description	Sample Date	Procedure	Result	Date Completed	Analyst	Method
075606	50 SW 10'	5/17/01	Extract BETX/TPH	Complete	5/21/01	CarlsenS	8015
075607	50 SW 21'	5/17/01	Extract BETX/TPH	Complete	5/21/01	CarlsenS	8015
075608	56 E 10'	5/17/01	Extract BETX/TPH	Complete	5/21/01	CarlsenS	8015
075609	56 E 21'	5/17/01	Extract BETX/TPH	Complete	5/21/01	CarlsenS	8015
075610	56 E 24'	5/17/01	Extract BETX/TPH	Complete	5/21/01	CarlsenS	8015
075611	40 NW 10'	5/18/01	Extract BETX/TPH	Complete	5/21/01	CarlsenS	8015
075612	40 NW 21'	5/18/01	Extract BETX/TPH	Complete	5/21/01	CarlsenS	8015
075613	40 NE 10'	5/18/01	Extract BETX/TPH	Complete	5/21/01	CarlsenS	8015
075614	40 NE 24'	5/18/01	Extract BETX/TPH	Complete	5/21/01	CarlsenS	8015
075615	40 NW 24'	5/18/01	Extract BETX/TPH	Complete	5/21/01	CarlsenS	8015

QUALITY ASSURANCE / QUALITY CONTROL DATA

Method Specific Surrogate Compound Recoveries

EIS Order ID: 010500180

QUALITY CONTROL LIMITS

Normal Test	Surrogate	Methods		QC Limits	
		Water	Soil	Water	Soil
Herbicides	2,4-Dichlorophenylaceticacid(DCAA)	615 / 8151A / 515.1	8151A	15 - 135	
Pesticides / PCB	2,4,5,6-Tetrachloro-m-xylene(TCMX)	608 / 8081A / 8082 / 508	8082	22 - 135	40 - 150
Pesticides / PCB	Decachlorobiphenyl(DCB)	608 / 8081A / 508	8082	22 - 135	40 - 150
SOC (svoc)	Perylene, d12	525.2		70 - 130	
SVOC (acid)	2-Fluorophenol	625 / 8270C	8270C	21 - 100	25 - 121
SVOC (acid)	Phenol, d5	625 / 8270C	8270C	10 - 94	24 - 113
SVOC (base/neutral)	Nitrobenzene, d5	625 / 8270C	8270C	35 - 114	23 - 120
SVOC (base/neutral)	2-Fluorobiphenyl	625 / 8270C	8270C	43 - 116	30 - 115
SVOC (acid)	2,4,6-Tribromophenol	625 / 8270C	8270C	10 - 123	19 - 122
SVOC (base/neutral)	Terphenyl, d14	625 / 8270C	8270C	33 - 141	18 - 137
TPH	Styrene	8015M	8015M	30 - 70	34 - 66
VOC / BETX / TPH	1,2-Dichloroethane, d4	624 / 8260B / 524.2	8260B	76 - 114	70 - 121
VOC / BETX / TPH	Toluene, d8	624 / 8260B / 524.2	8260B	86 - 115	74 - 121
VOC / BETX / TPH	Bromofluorobenzene(BFB)	624 / 8260B / 524.2	8260B	86 - 115	74 - 121

EIS Lab No	Client Sample ID	Method	Matrix	Surrogate	%Recovery
075606	50 SW 10'	8015 M	Soil/Sludge/Solid	Styrene (SS)	52
075607	50 SW 21'	8015 M	Soil/Sludge/Solid	Styrene (SS)	51
075608	56 E 10'	8015 M	Soil/Sludge/Solid	Styrene (SS)	50
075609	56 E 21'	8015 M	Soil/Sludge/Solid	Styrene (SS)	49
075610	56 E 24'	8015 M	Soil/Sludge/Solid	Styrene (SS)	51
075611	40 NW 10'	8015 M	Soil/Sludge/Solid	Styrene (SS)	51
075612	40 NW 21'	8015 M	Soil/Sludge/Solid	Styrene (SS)	51
075613	40 NE 10'	8015 M	Soil/Sludge/Solid	Styrene (SS)	50
075614	40 NE 24'	8015 M	Soil/Sludge/Solid	Styrene (SS)	50
075615	40 NW 24'	8015 M	Soil/Sludge/Solid	Styrene (SS)	58

Legend: -1 = Surrogates diluted out -2 = Surrogates not used ( ) = methods with different QC Limits

QUALITY CONTROL DATA

MATRIX SPIKE / DUPLICATE MATRIX SPIKE (MS/DMS)

EIS Order: 010500180
QC Sample: 075606
Matrix: Soil
Test: TPH (Diesel Range)

EIS Lab #s in This Batch: 075606 - 075615

Comments Concerning This QC Batch: None

Parameter	Back-ground	Spike Amount	Matrix Spike		Duplicate Spike		RPD	Quality Control Limits				QC Batch
								RPD		% R		
			Result	% R	Result	% R		LCL	UCL	LCL	UCL	
TPH (DRO)	<20	40	32	80						75	--125	QB00547

LEGEND:

1. Background = Sample Result
2. Spike amount may be adjusted for dilution used in sample analysis
3. % R = Percent Recovery of Spike
4. RPD = Relative Percent Difference of the spike recoveries
5. LCL = Lower Control Limit
6. UCL = Upper Control Limit
7. Units are normally those shown in the Analysis Report and are always the same for the Background and Spike

QUALITY CONTROL DATA

LABORATORY FORTIFIED METHOD BLANK (LFB)

Matrix: Lab Solvent
Test: TPH (Diesel Range)
Prep Date: See Sample Extraction Dat
Run Date: 5/23/01

EIS Lab #s With This LFB
075606 - 075615

Comments Concerning This LFB:
None

Parameter	Spike Amount	Matrix Spike		Duplicate Spike		RPD	Quality Control Limits				QC Batch
							RPD		% R		
		Result	% R	Result	% R		LCL	UCL	LCL	UCL	
TPH (DRO)	40	33	83						80	--120	QB00547

LEGEND:

1. The LFB may be either a single spike or in dulicate and may or may not be in a QC Batch with a MS/DMS.
2. % R = Percent Recovery of Spike
3. RPD = Relative Percent Difference of the spike recoveries
4. LCL = Lower Control Limit
5. UCL = Upper Control Limit
6. Units are normally those shown in the Analysis Report and are always the same for the Spike and Duplicate Spike

CHAIN OF CUSTODY RECORD

PROJ. NO	PROJECT NAME
2032	730 United Drive Building 69

SAMPLERS: (Print Name & Sign)
Anna Grauvogel *A Grauvogel*

FIELD ID	DATE	TIME	COMP	GRAB	STATION LOCATION	Total No. of Con-tainers	TPH diesel	Sample Type	TAT	Lab Order ID 0105.180 Lab Number
50SW-S10	5/17/01	10:00			Boring 50SW 10'	1	✓	Soil	N	75606
50SW-S21		10:00			boring 50SW 21'		✓			75607
56E-S10		1300			boring 56 E 10'		✓			75608
56E-S21		1300			boring 56 E 21'		✓			75609
56E-S24		1300			boring 56 E 24'		✓			75610
40NW-S10	5/18/01	9:30			boring 40NW 10'		✓			75611
40NW-S21		9:30			boring 40NW 21'		✓			75612
40NE-S10		11:30			boring 40NE 10'		✓			75613
40NE-24		11:30			boring 40NE 24'		✓			75614
40NW-S24		9:30			boring 40NW 24'		✓			75615

Relinquished By: (Signature)	Date	Time	Received By: (Signature)	EIS QUOTE NO:
A Grauvogel	5/18/01	1505	Dan Shane	
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Ship To:
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	

NOTES: 1) **If you were issued a quote number, it must appear on this document.**
2) **Instructions & area for comments are on reverse side.**

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Form Completion Instructions

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2. List tests (per container type) on the slanted lines & give # of containers in boxes below tests.

3. Sum all containers and place in column labeled Total No. Containers.

4. For the column labeled Sample Type, give brief description such as soil, MW, oil, etc.

5. For column labeled TAT use one of the following:

Request	Meaning
Normal	2 4 weeks for written report based entirely on test complexity and number of samples
1 week	In general, prior authorization is required from the lab to request a 5 day turnaround time. Surcharges may or may not be applicable, depending entirely on test complexity.
3 days	Must have been authorized by the Lab and increased costs must have been authorized by the client.
1 day	Must have been authorized by the Lab and increased costs must have been authorized by the client.

Submission Comments

REPORT OF ANALYSIS

Mr Larry Grauvogel
Grauvogel & Associates
17660 Fall Creek Drive
Granger, IN 46530
Tel No: 277-4770
Fax No: 277-5281
PO No:
Project Name: Studebaker Building 69

Report Date:	6/12/01
EIS Order No:	**010500216**
EIS Sample No:	075679
EIS Project No:	2730-1000-01
Client Sample ID:	**50 SW 25**
Date Collected:	5/23/01
Date Received:	5/23/01
Collected By:	L.G.

This report presents results of analysis for your sample(s) received under our Order No above. This Number is to be used in all inquiries concerning this report. The EIS Sample No above, as well as your Sample ID, refer to the first sample in a multi-sample submission

DEFINITIONS:

MDL = Method Detection Limit normally achieved in the absence of interferences or other matrix difficulties.
RDL = Reporting Detection Limit achieved in your sample. If numerically greater than the MDL, dilutions were required in order to perform the analysis. If numerically less than the MDL, alternate techniques were employed.
nd = Not Detected at the RDL value. If present, result is less than this value.
< = Not Detected at the numerical value shown. If present, result is less than this value.
( ) = Result is estimated due to matrix interferences.

CHAIN-OF-CUSTODY is enclosed if received with your sample submission.

DRINKING WATER CERTIFICATIONS: Chemistry = C-71-02 Bacteriology = M-76-5

QUALITY ASSURANCE OFFICER

LABORATORY DIRECTOR

The data in this report has been reviewed and complies with EIS Quality Control unless specifically addressed above.

SAMPLE RESULTS

CLIENT SAMPLE ID: 50 SW 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075679
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
BETX							
Benzene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Xylenes, Total	nd	µg/L	2	2	WilliamsJ	5/31/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: 50 SW 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075679
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
SEMIVOLATILE ORGANICS							
Acenaphthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Acenaphthylene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Aniline	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzidine	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Benzo(a)anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(a)pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(b)fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(ghi)perylene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(k)fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzoic acid	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Benzyl alcohol	nd	µg/L	20	20	RoziteA	6/10/01	8270 C
Bis(2-chloroethoxy)methane	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bis(2-chloroethyl)ether	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bis(2-chloroisopropyl)ether	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
s(2-ethylhexyl)phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bromophenyl-phenylether (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Butyl benzyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloro-3-methylphenol (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloroaniline (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloronaphthalene (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chlorophenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chlorophenyl phenyl ether (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chrysene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Di-n-butylphthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Di-n-octylphthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dibenzo(a,h)anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dibenzofuran	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,3)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzidine (3,3')	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorophenol (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Diethyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dimethyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dimethylphenol (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dinitrophenol (2,4)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,6)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Diphenylhydrazine (1,2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 50 SW 34
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075680
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
BETX							
Benzene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Xylenes, Total	nd	µg/L	2	2	WilliamsJ	5/31/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: 50 SW 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075679
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Fluorene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorobenzene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorobutadiene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorocyclopentadiene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachloroethane	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Indeno(1,2,3-cd)pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Isophorone	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methyl-4,6-dinitrophenol (2)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Methylnaphthalene (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methylphenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methylphenol (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Naphthalene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (3)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
'itrobenzene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
.Nitrophenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitrophenol (4)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Nitroso-di-methylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroso-di-n-propylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroso-di-phenylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pentachlorophenol	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Phenanthrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Phenol	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pyridine	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorobenzene (1,2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,5)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,6)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 50 SW 34
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075680
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
SEMIVOLATILE ORGANICS							
Acenaphthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Acenaphthylene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Aniline	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzidine	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Benzo(a)anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(a)pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(b)fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(ghi)perylene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(k)fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzoic acid	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Benzyl alcohol	nd	µg/L	20	20	RoziteA	6/10/01	8270 C
Bis(2-chloroethoxy)methane	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bis(2-chloroethyl)ether	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bis(2-chloroisopropyl)ether	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
is(2-ethylhexyl)phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bromophenyl-phenylether (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Butyl benzyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloro-3-methylphenol (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloroaniline (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloronaphthalene (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chlorophenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chlorophenyl phenyl ether (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chrysene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Di-n-butylphthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Di-n-octylphthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dibenzo(a,h)anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dibenzofuran	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,3)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzidine (3,3')	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorophenol (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Diethyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dimethyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dimethylphenol (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dinitrophenol (2,4)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,6)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Diphenylhydrazine (1,2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 50 SW 34
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075680
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Fluorene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorobenzene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorobutadiene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorocyclopentadiene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachloroethane	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Indeno(1,2,3-cd)pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Isophorone	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methyl-4,6-dinitrophenol (2)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Methylnaphthalene (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methylphenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methylphenol (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Naphthalene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (3)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
itrobenzene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitrophenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitrophenol (4)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Nitroso-di-methylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroso-di-n-propylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroso-di-phenylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pentachlorophenol	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Phenanthrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Phenol	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pyridine	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorobenzene (1,2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,5)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,6)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NW 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075681
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
BETX							
Benzene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Xylenes, Total	nd	µg/L	2	2	WilliamsJ	5/31/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NW 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075681
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
SEMIVOLATILE ORGANICS							
Acenaphthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Acenaphthylene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Aniline	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzidine	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Benzo(a)anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(a)pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(b)fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(ghi)perylene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(k)fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzoic acid	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Benzyl alcohol	nd	µg/L	20	20	RoziteA	6/10/01	8270 C
Bis(2-chloroethoxy)methane	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bis(2-chloroethyl)ether	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bis(2-chloroisopropyl)ether	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
is(2-ethylhexyl)phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bromophenyl-phenylether (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Butyl benzyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloro-3-methylphenol (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloroaniline (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloronaphthalene (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chlorophenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chlorophenyl phenyl ether (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chrysene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Di-n-butylphthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Di-n-octylphthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dibenzo(a,h)anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dibenzofuran	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,3)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzidine (3,3')	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorophenol (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Diethyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dimethyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dimethylphenol (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dinitrophenol (2,4)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,6)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Diphenylhydrazine (1,2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NW 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075681
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Fluorene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorobenzene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorobutadiene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorocyclopentadiene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachloroethane	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Indeno(1,2,3-cd)pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Isophorone	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methyl-4,6-dinitrophenol (2)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Methylnaphthalene (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methylphenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methylphenol (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Naphthalene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (3)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitrobenzene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitrophenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitrophenol (4)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Nitroso-di-methylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroso-di-n-propylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroso-di-phenylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pentachlorophenol	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Phenanthrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Phenol	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pyridine	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorobenzene (1,2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,5)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,6)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NW 35
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075682
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
BETX							
Benzene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Xylenes, Total	nd	µg/L	2	2	WilliamsJ	5/31/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NW 35
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075682
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
SEMIVOLATILE ORGANICS .							
Acenaphthene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Acenaphthylene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Aniline	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzidine	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Benzo(a)anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(a)pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(b)fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(ghi)perylene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(k)fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzoic acid	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Benzyl alcohol	nd	µg/L	20	20	RoziteA	6/10/01	8270 C
Bis(2-chloroethoxy)methane	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bis(2-chloroethyl)ether	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bis(2-chloroisopropyl)ether	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
s(2-ethylhexyl)phthalate	200	µg/L	40	10	RoziteA	6/10/01	8270 C
Bromophenyl-phenylether (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Butyl benzyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloro-3-methylphenol (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloroaniline (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloronaphthalene (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chlorophenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chlorophenyl phenyl ether (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chrysene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Di-n-butylphthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Di-n-octylphthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dibenzo(a,h)anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dibenzofuran	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,3)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzidine (3,3')	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorophenol (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Diethyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dimethyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dimethylphenol (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dinitrophenol (2,4)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,6)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Diphenylhydrazine (1,2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: **40 NW 35**
CLIENT PROJECT: **Studebaker Building 69**
SAMPLE TYPE: **Water(Non DW)**
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075682
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Fluorene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorobenzene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorobutadiene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorocyclopentadiene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachloroethane	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Indeno(1,2,3-cd)pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Isophorone	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methyl-4,6-dinitrophenol (2)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Methylnaphthalene (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methylphenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methylphenol (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Naphthalene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (3)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
'itrobenzene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
,itrophenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitrophenol (4)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Nitroso-di-methylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroso-di-n-propylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroso-di-phenylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pentachlorophenol	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Phenanthrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Phenol	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pyridine	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorobenzene (1,2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,5)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,6)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NE 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075683
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
BETX							
Benzene	nd	µg/L	1	1	WilliamsJ	6/1/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/1/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/1/01	8260 B
Xylenes, Total	nd	µg/L	2	2	WilliamsJ	6/1/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NE 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075683
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
SEMIVOLATILE ORGANICS							
Acenaphthene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Acenaphthylene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Aniline	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Anthracene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzidine	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Benzo(a)anthracene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzo(a)pyrene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzo(b)fluoranthene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzo(ghi)perylene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzo(k)fluoranthene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzoic acid	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Benzyl alcohol	nd	µg/L	40	20	RoziteA	6/10/01	8270 C
Bis(2-chloroethoxy)methane	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Bis(2-chloroethyl)ether	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Bis(2-chloroisopropyl)ether	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
's(2-ethylhexyl)phthalate	72	µg/L	20	10	RoziteA	6/10/01	8270 C
Bromophenyl-phenylether (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Butyl benzyl phthalate	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chloro-3-methylphenol (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chloroaniline (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chloronaphthalene (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chlorophenol (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chlorophenyl phenyl ether (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chrysene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Di-n-butylphthalate	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Di-n-octylphthalate	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dibenzo(a,h)anthracene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dibenzofuran	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,3)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dichlorobenzidine (3,3')	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dichlorophenol (2,4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Diethyl phthalate	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dimethyl phthalate	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dimethylphenol (2,4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dinitrophenol (2,4)	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,6)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Diphenylhydrazine (1,2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NE 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075683
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Fluoranthene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Fluorene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Hexachlorobenzene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Hexachlorobutadiene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Hexachlorocyclopentadiene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Hexachloroethane	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Indeno(1,2,3-cd)pyrene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Isophorone	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Methyl-4,6-dinitrophenol (2)	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Methylnaphthalene (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Methylphenol (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Methylphenol (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Naphthalene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitroaniline (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitroaniline (3)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitroaniline (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitrobenzene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitrophenol (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitrophenol (4)	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Nitroso-di-methylamine (normal)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitroso-di-n-propylamine (normal)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitroso-di-phenylamine (normal)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Pentachlorophenol	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Phenanthrene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Phenol	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Pyrene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Pyridine	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Trichlorobenzene (1,2,4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,5)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,6)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NE 35
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075684
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
BETX							
Benzene	nd	µg/L	10	1	WilliamsJ	5/31/01	8260 B
Ethylbenzene	nd	µg/L	10	1	WilliamsJ	5/31/01	8260 B
Toluene	nd	µg/L	10	1	WilliamsJ	5/31/01	8260 B
Xylenes, Total	5650	µg/L	20	2	WilliamsJ	5/31/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NE 35
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075684
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
SEMIVOLATILE ORGANICS .							
Acenaphthene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Acenaphthylene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Aniline	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Anthracene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Benzidine	nd	µg/L	500	50	RoziteA	6/10/01	8270 C
Benzo(a)anthracene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Benzo(a)pyrene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Benzo(b)fluoranthene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Benzo(ghi)perylene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Benzo(k)fluoranthene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Benzoic acid	nd	µg/L	500	50	RoziteA	6/10/01	8270 C
Benzyl alcohol	nd	µg/L	200	20	RoziteA	6/10/01	8270 C
Bis(2-chloroethoxy)methane	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Bis(2-chloroethyl)ether	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Bis(2-chloroisopropyl)ether	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
`is(2-ethylhexyl)phthalate	680	µg/L	100	10	RoziteA	6/10/01	8270 C
Bromophenyl-phenylether (4)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Butyl benzyl phthalate	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Chloro-3-methylphenol (4)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Chloroaniline (4)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Chloronaphthalene (2)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Chlorophenol (2)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Chlorophenyl phenyl ether (4)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Chrysene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Di-n-butylphthalate	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Di-n-octylphthalate	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Dibenzo(a,h)anthracene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Dibenzofuran	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,2)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,3)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,4)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Dichlorobenzidine (3,3')	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Dichlorophenol (2,4)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Diethyl phthalate	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Dimethyl phthalate	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Dimethylphenol (2,4)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Dinitrophenol (2,4)	nd	µg/L	500	50	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,4)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,6)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Diphenylhydrazine (1,2)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NE 35
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075684
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Fluoranthene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Fluorene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Hexachlorobenzene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Hexachlorobutadiene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Hexachlorocyclopentadiene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Hexachloroethane	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Indeno(1,2,3-cd)pyrene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Isophorone	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Methyl-4,6-dinitrophenol (2)	nd	µg/L	500	50	RoziteA	6/10/01	8270 C
Methylnaphthalene (2)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Methylphenol (2)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Methylphenol (4)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Naphthalene	205	µg/L	100	10	RoziteA	6/10/01	8270 C
Nitroaniline (2)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Nitroaniline (3)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Nitroaniline (4)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Nitrobenzene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Nitrophenol (2)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Nitrophenol (4)	nd	µg/L	500	50	RoziteA	6/10/01	8270 C
Nitroso-di-methylamine (normal)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Nitroso-di-n-propylamine (normal)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Nitroso-di-phenylamine (normal)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Pentachlorophenol	nd	µg/L	500	50	RoziteA	6/10/01	8270 C
Phenanthrene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Phenol	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Pyrene	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Pyridine	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Trichlorobenzene (1,2,4)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,5)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,6)	nd	µg/L	100	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NE 45
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075685
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
BETX							
Benzene	nd	µg/L	1	1	WilliamsJ	6/1/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/1/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/1/01	8260 B
Xylenes, Total	36	µg/L	2	2	WilliamsJ	6/1/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NE 45
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075685
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
SEMIVOLATILE ORGANICS .							
Acenaphthene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Acenaphthylene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Aniline	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Anthracene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzidine	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Benzo(a)anthracene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzo(a)pyrene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzo(b)fluoranthene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzo(ghi)perylene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzo(k)fluoranthene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Benzoic acid	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Benzyl alcohol	nd	µg/L	40	20	RoziteA	6/10/01	8270 C
Bis(2-chloroethoxy)methane	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Bis(2-chloroethyl)ether	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Bis(2-chloroisopropyl)ether	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
's(2-ethylhexyl)phthalate	71	µg/L	20	10	RoziteA	6/10/01	8270 C
Bromophenyl-phenylether (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Butyl benzyl phthalate	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chloro-3-methylphenol (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chloroaniline (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chloronaphthalene (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chlorophenol (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chlorophenyl phenyl ether (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Chrysene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Di-n-butylphthalate	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Di-n-octylphthalate	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dibenzo(a,h)anthracene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dibenzofuran	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,3)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dichlorobenzidine (3,3')	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dichlorophenol (2,4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Diethyl phthalate	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dimethyl phthalate	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dimethylphenol (2,4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
`initrophenol (2,4)	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,6)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Diphenylhydrazine (1,2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 40 NE 45
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075685
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Fluoranthene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Fluorene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Hexachlorobenzene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Hexachlorobutadiene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Hexachlorocyclopentadiene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Hexachloroethane	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Indeno(1,2,3-cd)pyrene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Isophorone	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Methyl-4,6-dinitrophenol (2)	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Methylnaphthalene (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Methylphenol (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Methylphenol (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Naphthalene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitroaniline (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitroaniline (3)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitroaniline (4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitrobenzene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitrophenol (2)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitrophenol (4)	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Nitroso-di-methylamine (normal)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitroso-di-n-propylamine (normal)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Nitroso-di-phenylamine (normal)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Pentachlorophenol	nd	µg/L	100	50	RoziteA	6/10/01	8270 C
Phenanthrene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Phenol	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Pyrene	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Pyridine	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Trichlorobenzene (1,2,4)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,5)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,6)	nd	µg/L	20	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 56 E 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075686
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
BETX							
Benzene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	5/31/01	8260 B
Xylenes, Total	nd	µg/L	2	2	WilliamsJ	5/31/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: 56 E 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075686
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
SEMIVOLATILE ORGANICS .							
Acenaphthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Acenaphthylene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Aniline	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzidine	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Benzo(a)anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(a)pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(b)fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(ghi)perylene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzo(k)fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Benzoic acid	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Benzyl alcohol	nd	µg/L	20	20	RoziteA	6/10/01	8270 C
Bis(2-chloroethoxy)methane	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bis(2-chloroethyl)ether	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bis(2-chloroisopropyl)ether	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
's(2-ethylhexyl)phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Bromophenyl-phenylether (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Butyl benzyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloro-3-methylphenol (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloroaniline (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chloronaphthalene (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chlorophenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chlorophenyl phenyl ether (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Chrysene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Di-n-butylphthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Di-n-octylphthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dibenzo(a,h)anthracene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dibenzofuran	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,3)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorobenzidine (3,3')	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dichlorophenol (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Diethyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dimethyl phthalate	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dimethylphenol (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
`initrophenol (2,4)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,6)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Diphenylhydrazine (1,2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 56 E 25
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075686
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Fluoranthene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Fluorene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorobenzene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorobutadiene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachlorocyclopentadiene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Hexachloroethane	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Indeno(1,2,3-cd)pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Isophorone	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methyl-4,6-dinitrophenol (2)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Methylnaphthalene (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methylphenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Methylphenol (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Naphthalene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (3)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroaniline (4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
'itrobenzene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
,Nitrophenol (2)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitrophenol (4)	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Nitroso-di-methylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroso-di-n-propylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Nitroso-di-phenylamine (normal)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pentachlorophenol	nd	µg/L	50	50	RoziteA	6/10/01	8270 C
Phenanthrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Phenol	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pyrene	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Pyridine	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorobenzene (1,2,4)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,5)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,6)	nd	µg/L	10	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 56 E 35
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075687
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
BETX							
Benzene	nd	µg/L	1	1	WilliamsJ	6/1/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/1/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/1/01	8260 B
Xylenes, Total	nd	µg/L	2	2	WilliamsJ	6/1/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: 56 E 35
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075687
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
SEMIVOLATILE ORGANICS .							
Acenaphthene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Acenaphthylene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Aniline	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Anthracene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Benzidine	nd	µg/L	200	50	RoziteA	6/10/01	8270 C
Benzo(a)anthracene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Benzo(a)pyrene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Benzo(b)fluoranthene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Benzo(ghi)perylene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Benzo(k)fluoranthene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Benzoic acid	nd	µg/L	200	50	RoziteA	6/10/01	8270 C
Benzyl alcohol	nd	µg/L	80	20	RoziteA	6/10/01	8270 C
Bis(2-chloroethoxy)methane	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Bis(2-chloroethyl)ether	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Bis(2-chloroisopropyl)ether	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
s(2-ethylhexyl)phthalate	190	µg/L	40	10	RoziteA	6/10/01	8270 C
Bromophenyl-phenylether (4)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Butyl benzyl phthalate	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Chloro-3-methylphenol (4)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Chloroaniline (4)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Chloronaphthalene (2)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Chlorophenol (2)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Chlorophenyl phenyl ether (4)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Chrysene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Di-n-butylphthalate	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Di-n-octylphthalate	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Dibenzo(a,h)anthracene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Dibenzofuran	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,2)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,3)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Dichlorobenzene (1,4)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Dichlorobenzidine (3,3')	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Dichlorophenol (2,4)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Diethyl phthalate	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Dimethyl phthalate	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Dimethylphenol (2,4)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
`initrophenol (2,4)	nd	µg/L	200	50	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,4)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Dinitrotoluene (2,6)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Diphenylhydrazine (1,2)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: 56 E 35
CLIENT PROJECT: Studebaker Building 69
SAMPLE TYPE: Water(Non DW)
Date Collected: 5/23/01

Report Date: 6/12/01
EIS Sample No: 075687
EIS Order No: 010500216
Date Received: 5/23/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Fluoranthene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Fluorene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Hexachlorobenzene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Hexachlorobutadiene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Hexachlorocyclopentadiene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Hexachloroethane	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Indeno(1,2,3-cd)pyrene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Isophorone	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Methyl-4,6-dinitrophenol (2)	nd	µg/L	200	50	RoziteA	6/10/01	8270 C
Methylnaphthalene (2)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Methylphenol (2)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Methylphenol (4)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Naphthalene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Nitroaniline (2)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Nitroaniline (3)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Nitroaniline (4)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
itrobenzene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Nitrophenol (2)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Nitrophenol (4)	nd	µg/L	200	50	RoziteA	6/10/01	8270 C
Nitroso-di-methylamine (normal)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Nitroso-di-n-propylamine (normal)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Nitroso-di-phenylamine (normal)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Pentachlorophenol	nd	µg/L	200	50	RoziteA	6/10/01	8270 C
Phenanthrene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Phenol	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Pyrene	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Pyridine	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Trichlorobenzene (1,2,4)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,5)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C
Trichlorophenol (2,4,6)	nd	µg/L	40	10	RoziteA	6/10/01	8270 C

QUALITY ASSURANCE / QUALITY CONTROL DATA

Method Specific Surrogate Compound Recoveries

EIS Order ID: 010500216

QUALITY CONTROL LIMITS

Normal Test	Surrogate	Methods		QC Limits	
		Water	Soil	Water	Soil
Herbicides	2,4-Dichlorophenylaceticacid(DCAA)	615 / 8151A / 515.1	8151A	15 - 135	
Pesticides / PCB	2,4,5,6-Tetrachloro-m-xylene(TCMX)	608 / 8081A / 8082 / 508	8082	22 - 135	40 - 150
Pesticides / PCB	Decachlorobiphenyl(DCB)	608 / 8081A / 508	8082	22 - 135	40 - 150
SOC (svoc)	Perylene, d12	525.2		70 - 130	
SVOC (acid)	2-Fluorophenol	625 / 8270C	8270C	21 - 100	25 - 121
SVOC (acid)	Phenol, d5	625 / 8270C	8270C	10 - 94	24 - 113
SVOC (base/neutral)	Nitrobenzene, d5	625 / 8270C	8270C	35 - 114	23 - 120
SVOC (base/neutral)	2-Fluorobiphenyl	625 / 8270C	8270C	43 - 116	30 - 115
SVOC (acid)	2,4,6-Tribromophenol	625 / 8270C	8270C	10 - 123	19 - 122
SVOC (base/neutral)	Terphenyl, d14	625 / 8270C	8270C	33 - 141	18 - 137
TPH	Styrene	8015M	8015M	30 - 70	34 - 66
VOC / BETX / TPH	1,2-Dichloroethane, d4	624 / 8260B / 524.2	8260B	76 - 114	70 - 121
VOC / BETX / TPH	Toluene, d8	624 / 8260B / 524.2	8260B	86 - 115	74 - 121
VOC / BETX / TPH	Bromofluorobenzene(BFB)	624 / 8260B / 524.2	8260B	86 - 115	74 - 121

EIS Lab No	Client Sample ID	Method	Matrix	Surrogate	%Recovery
075679	50 SW 25	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	103
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	99
		8260 B	Water(Non DW)	Toluene-d8 (SS)	93
075679	50 SW 25	8270 C	Water(Non DW)	2,4,6-Tribromophenol (SS)	76
		8270 C	Water(Non DW)	2-Fluorobiphenyl (SS)	89
		8270 C	Water(Non DW)	2-Fluorophenol (SS)	75
		8270 C	Water(Non DW)	Nitrobenzene-d5 (SS)	68
		8270 C	Water(Non DW)	Phenol-d5 (SS)	50
		8270 C	Water(Non DW)	Terphenyl-d14 (SS)	74
075680	50 SW 34	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	104
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	104
		8260 B	Water(Non DW)	Toluene-d8 (SS)	90
075680	50 SW 34	8270 C	Water(Non DW)	2,4,6-Tribromophenol (SS)	71
		8270 C	Water(Non DW)	2-Fluorobiphenyl (SS)	87
		8270 C	Water(Non DW)	2-Fluorophenol (SS)	69
		8270 C	Water(Non DW)	Nitrobenzene-d5 (SS)	64
		8270 C	Water(Non DW)	Phenol-d5 (SS)	47
		8270 C	Water(Non DW)	Terphenyl-d14 (SS)	71
075681	40 NW 25	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	101
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	99
		8260 B	Water(Non DW)	Toluene-d8 (SS)	90
075681	40 NW 25	8270 C	Water(Non DW)	2,4,6-Tribromophenol (SS)	78
		8270 C	Water(Non DW)	2-Fluorobiphenyl (SS)	91
		8270 C	Water(Non DW)	2-Fluorophenol (SS)	75
		8270 C	Water(Non DW)	Nitrobenzene-d5 (SS)	67
		8270 C	Water(Non DW)	Phenol-d5 (SS)	51
		8270 C	Water(Non DW)	Terphenyl-d14 (SS)	79

Legend: -1 = Surrogates diluted out -2 = Surrogates not used ( ) = methods with different QC Limits

QUALITY ASSURANCE / QUALITY CONTROL DATA

Method Specific Surrogate Compound Recoveries

EIS Order ID: 010500216

QUALITY CONTROL LIMITS

Normal Test	Surrogate	Methods		QC Limits	
		Water	Soil	Water	Soil
Herbicides	2,4-Dichlorophenylaceticacid(DCAA)	615 / 8151A / 515.1	8151A	15 - 135	
Pesticides / PCB	2,4,5,6-Tetrachloro-m-xylene(TCMX)	608 / 8081A / 8082 / 508	8082	22 - 135	40 - 150
Pesticides / PCB	Decachlorobiphenyl(DCB)	608 / 8081A / 508	8082	22 - 135	40 - 150
SOC (svoc)	Perylene, d12	525.2		70 - 130	
SVOC (acid)	2-Fluorophenol	625 / 8270C	8270C	21 - 100	25 - 121
SVOC (acid)	Phenol, d5	625 / 8270C	8270C	10 - 94	24 - 113
SVOC (base/neutral)	Nitrobenzene, d5	625 / 8270C	8270C	35 - 114	23 - 120
SVOC (base/neutral)	2-Fluorobiphenyl	625 / 8270C	8270C	43 - 116	30 - 115
SVOC (acid)	2,4,6-Tribromophenol	625 / 8270C	8270C	10 - 123	19 - 122
SVOC (base/neutral)	Terphenyl, d14	625 / 8270C	8270C	33 - 141	18 - 137
TPH	Styrene	8015M	8015M	30 - 70	34 - 66
VOC / BETX / TPH	1,2-Dichloroethane, d4	624 / 8260B / 524.2	8260B	76 - 114	70 - 121
VOC / BETX / TPH	Toluene, d8	624 / 8260B / 524.2	8260B	86 - 115	74 - 121
VOC / BETX / TPH	Bromofluorobenzene(BFB)	624 / 8260B / 524.2	8260B	86 - 115	74 - 121

EIS Lab No	Client Sample ID	Method	Matrix	Surrogate	%Recovery
075682	40 NW 35	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	104
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	106
		8260 B	Water(Non DW)	Toluene-d8 (SS)	94
075682	40 NW 35	8270 C	Water(Non DW)	2,4,6-Tribromophenol (SS)	65
		8270 C	Water(Non DW)	2-Fluorobiphenyl (SS)	95
		8270 C	Water(Non DW)	2-Fluorophenol (SS)	59
		8270 C	Water(Non DW)	Nitrobenzene-d5 (SS)	57
		8270 C	Water(Non DW)	Phenol-d5 (SS)	39
		8270 C	Water(Non DW)	Terphenyl-d14 (SS)	83
075683	40 NE 25	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	94
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	107
		8260 B	Water(Non DW)	Toluene-d8 (SS)	93
075683	40 NE 25	8270 C	Water(Non DW)	2,4,6-Tribromophenol (SS)	80
		8270 C	Water(Non DW)	2-Fluorobiphenyl (SS)	92
		8270 C	Water(Non DW)	2-Fluorophenol (SS)	58
		8270 C	Water(Non DW)	Nitrobenzene-d5 (SS)	65
		8270 C	Water(Non DW)	Phenol-d5 (SS)	38
		8270 C	Water(Non DW)	Terphenyl-d14 (SS)	80
075684	40 NE 35	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	99
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	103
		8260 B	Water(Non DW)	Toluene-d8 (SS)	92
075684	40 NE 35	8270 C	Water(Non DW)	2,4,6-Tribromophenol (SS)	-1
		8270 C	Water(Non DW)	2-Fluorobiphenyl (SS)	-1
		8270 C	Water(Non DW)	2-Fluorophenol (SS)	-1
		8270 C	Water(Non DW)	Nitrobenzene-d5 (SS)	-1
		8270 C	Water(Non DW)	Phenol-d5 (SS)	-1
		8270 C	Water(Non DW)	Terphenyl-d14 (SS)	-1

Legend: -1 = Surrogates diluted out -2 = Surrogates not used ( ) = methods with different QC Limits

QUALITY ASSURANCE / QUALITY CONTROL DATA

Method Specific Surrogate Compound Recoveries

EIS Order ID: 010500216

QUALITY CONTROL LIMITS

Normal Test	Surrogate	Methods		QC Limits	
		Water	Soil	Water	Soil
Herbicides	2,4-Dichlorophenylaceticacid(DCAA)	615 / 8151A / 515.1	8151A	15 - 135	
Pesticides / PCB	2,4,5,6-Tetrachloro-m-xylene(TCMX)	608 / 8081A / 8082 / 508	8082	22 - 135	40 - 150
Pesticides / PCB	Decachlorobiphenyl(DCB)	608 / 8081A / 508	8082	22 - 135	40 - 150
SOC (svoc)	Perylene, d12	525.2		70 - 130	
SVOC (acid)	2-Fluorophenol	625 / 8270C	8270C	21 - 100	25 - 121
SVOC (acid)	Phenol, d5	625 / 8270C	8270C	10 - 94	24 - 113
SVOC (base/neutral)	Nitrobenzene, d5	625 / 8270C	8270C	35 - 114	23 - 120
SVOC (base/neutral)	2-Fluorobiphenyl	625 / 8270C	8270C	43 - 116	30 - 115
SVOC (acid)	2,4,6-Tribromophenol	625 / 8270C	8270C	10 - 123	19 - 122
SVOC (base/neutral)	Terphenyl, d14	625 / 8270C	8270C	33 - 141	18 - 137
TPH	Styrene	8015M	8015M	30 - 70	34 - 66
VOC / BETX / TPH	1,2-Dichloroethane, d4	624 / 8260B / 524.2	8260B	76 - 114	70 - 121
VOC / BETX / TPH	Toluene, d8	624 / 8260B / 524.2	8260B	86 - 115	74 - 121
VOC / BETX / TPH	Bromofluorobenzene(BFB)	624 / 8260B / 524.2	8260B	86 - 115	74 - 121

EIS Lab No	Client Sample ID	Method	Matrix	Surrogate	%Recovery
075685	40 NE 45	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	103
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	113
		8260 B	Water(Non DW)	Toluene-d8 (SS)	91
075685	40 NE 45	8270 C	Water(Non DW)	2,4,6-Tribromophenol (SS)	68
		8270 C	Water(Non DW)	2-Fluorobiphenyl (SS)	88
		8270 C	Water(Non DW)	2-Fluorophenol (SS)	60
		8270 C	Water(Non DW)	Nitrobenzene-d5 (SS)	65
		8270 C	Water(Non DW)	Phenol-d5 (SS)	40
		8270 C	Water(Non DW)	Terphenyl-d14 (SS)	72
075686	56 E 25	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	101
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	104
		8260 B	Water(Non DW)	Toluene-d8 (SS)	93
075686	56 E 25	8270 C	Water(Non DW)	2,4,6-Tribromophenol (SS)	87
		8270 C	Water(Non DW)	2-Fluorobiphenyl (SS)	92
		8270 C	Water(Non DW)	2-Fluorophenol (SS)	80
		8270 C	Water(Non DW)	Nitrobenzene-d5 (SS)	74
		8270 C	Water(Non DW)	Phenol-d5 (SS)	55
		8270 C	Water(Non DW)	Terphenyl-d14 (SS)	79
075687	56 E 35	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	103
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	114
		8260 B	Water(Non DW)	Toluene-d8 (SS)	89
075687	56 E 35	8270 C	Water(Non DW)	2,4,6-Tribromophenol (SS)	53
		8270 C	Water(Non DW)	2-Fluorobiphenyl (SS)	86
		8270 C	Water(Non DW)	2-Fluorophenol (SS)	52
		8270 C	Water(Non DW)	Nitrobenzene-d5 (SS)	58
		8270 C	Water(Non DW)	Phenol-d5 (SS)	34
		8270 C	Water(Non DW)	Terphenyl-d14 (SS)	71

Legend: -1 = Surrogates diluted out -2 = Surrogates not used ( ) = methods with different QC Limits

SAMPLE PREPARATION INFORMATION

Client Name: Grauvogel & Associates
Client Project:: Studebaker Building 69

Report Date: 6/12/01
EIS Order No: 010500216

EIS Lab Number	Client Description	Sample Date	Procedure	Result	Date Completed	Analyst	Method
075679	50 SW 25	5/23/01	Extract SVOC	Complete	5/24/01	CarlsenS	3510 B
075680	50 SW 34	5/23/01	Extract SVOC	Complete	5/24/01	CarlsenS	3510 B
075681	40 NW 25	5/23/01	Extract SVOC	Complete	5/24/01	CarlsenS	3510 B
075682	40 NW 35	5/23/01	Extract SVOC	Complete	5/24/01	CarlsenS	3510 B
075683	40 NE 25	5/23/01	Extract SVOC	Complete	5/24/01	CarlsenS	3510 B
075684	40 NE 35	5/23/01	Extract SVOC	Complete	5/24/01	CarlsenS	3510 B
075685	40 NE 45	5/23/01	Extract SVOC	Complete	5/24/01	CarlsenS	3510 B
075686	56 E 25	5/23/01	Extract SVOC	Complete	5/24/01	CarlsenS	3510 B
075687	56 E 35	5/23/01	Extract SVOC	Complete	5/24/01	CarlsenS	3510 B

QUALITY CONTROL DATA

MATRIX SPIKE / DUPLICATE MATRIX SPIKE (MS/DMS)

EIS Order: 010500216
QC Sample: 075686
Matrix: Groundwater
Test: BTEX

EIS Lab #s in This Batch: 075679 - 075687

Comments Concerning This QC Batch: None

Parameter	Back-ground	Spike Amount	Matrix Spike		Duplicate Spike		RPD	Quality Control Limits		QC Batch
			Result	% R	Result	% R		RPD LCL UCL	% R LCL UCL	
Benzene	nd	5.7	5.8	102	5.6	98	4	0 -- 11	76 --127	QB00599
Ethylbenzene	nd	5.9	5.5	93	5.3	90	4	0 -- 12	75 --125	QB00599
Toluene	nd	5.4	5.4	100	5.2	96	4	0 -- 13	76 --125	QB00599
Xylenes, Total	nd	11.7	11.2	96	10.7	91	5	0 -- 12	75 --125	QB00599

LEGEND:

1. Background = Sample Result
2. Spike amount may be adjusted for dilution used in sample analysis
3. % R = Percent Recovery of Spike
   RPD = Relative Percent Difference of the spike recoveries
5. LCL = Lower Control Limit
6. UCL = Upper Control Limit
7. Units are normally those shown in the Analysis Report and are always the same for the Background and Spike

QUALITY CONTROL DATA

LABORATORY FORTIFIED METHOD BLANK (LFB)

Matrix: Lab Water
Test: SVOC
Prep Date: 5/24/01
Run Date: 6/10/01

EIS Lab #s With This LFB
075679 - 075687

Comments Concerning This LFB:
None

Parameter	Spike Amount	Matrix Spike		Duplicate Spike		RPD	Quality Control Limits				QC Batch
							RPD		% R		
		Result	% R	Result	% R		LCL	UCL	LCL	UCL	
Acenaphthene	122	109	89						46	118	QB00600
Chloro-3-methylphenol (4)	194	170	88						23	97	QB00600
Chlorophenol (2)	222	206	93						27	123	QB00600
Dichlorobenzene (1,4)	154	109	71						36	97	QB00600
Dinitrotoluene (2,4)	96	80	83						24	96	QB00600
Nitrophenol (4)	112	56	50						10	80	QB00600
Nitroso-di-n-propylamine (normal)	159	123	77						41	116	QB00600
Pentachlorophenol	255	217	85						9	103	QB00600
Phenol	200	113	56						12	110	QB00600
Pyrene	133	118	89						26	127	QB00600
Trichlorobenzene (1,2,4)	134	99	74						39	98	QB00600

LEGEND:

1. The LFB may be either a single spike or in dulicate and may or may not be in a QC Batch with a MS/DMS.
2. % R = Percent Recovery of Spike
   RPD = Relative Percent Difference of the spike recoveries
4. LCL = Lower Control Limit
5. UCL = Upper Control Limit
6. Units are normally those shown in the Analysis Report and are always the same for the Spike and Duplicate Spike

CHAIN OF CUSTODY RECORD

PROJ. NO	PROJECT NAME
2032	Building 69 UST

SAMPLERS: (Print Name & Sign)
Lawrence W. Grauvogel

FIELD ID 0523-	DATE	TIME	COMP	GRAB	STATION LOCATION	Total No. of Con-tainers	SVOL BNA	VOC BTEX	Sample Type	TAT	Lab Order ID 0105.216 Lab Number
50SW25	5/23/01	1000		✓	SW 25'	3	1	2	groundwater	N	75679
50SW34		0950		✓	SW 34'		1	2			75680
40NW25		1020		✓	NW 25'		1	2			75681
40NW35		1010		✓	NW 35'		1	2			75682
40NE25		1050		✓	NE 25'		1	2			75683
40NE35		1040		✓	NE 35'		1	2			75684
40NE45		1030		✓	NE 45'		1	2			75685
56E25		1115		✓	E 25'		1	2			75686
56E35		1100		✓	E 35'		1	2			75687

Relinquished By: (Signature) 219-286-0028	Date 5/23	Time N	Received By: (Signature)	EIS QUOTE NO:
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Ship To:
Relinquished By: (Signature)	Date	Time	Received By: (Signature)	

NOTES: 1) **If you were issued a quote number, it must appear on this document.**
2) **Instructions & area for comments are on reverse side.**

EIS ANALYTICAL SERVICES, INC. • 1701 NORTH IRONWOOD DRIVE SUITE B •SOUTH BEND IN 46635 • Phone (219)277–0707 • Fax (219)273–

Form Completion Instructions

1. Each slanted line represents specific container types from which specific tests are conducted. Use additional record sheets if # of samples or # of tests exceed allotted spaces.
2. List tests (per container type) on the slanted lines & give # of containers in boxes below tests.
3. Sum all containers and place in column labeled Total No. Containers.
4. For the column labeled Sample Type, give brief description such as soil, MW, oil, etc.
5. For column labeled TAT use one of the following:

Request	Meaning
Normal	2 4 weeks for written report based entirely on test complexity and number of samples
1 week	In general, prior authorization is required from the lab to request a 5 day turnaround time. Surcharges may or may not be applicable, depending entirely on test complexity.
3 days	Must have been authorized by the Lab and increased costs must have been authorized by the client.
1 day	Must have been authorized by the Lab and increased costs must have been authorized by the client.

Submission Comments

REPORT OF ANALYSIS

Mr Larry Grauvogel
Grauvogel & Associates
17660 Fall Creek Drive
Granger, IN 46530
Tel No: 277-4770
Fax No: 277-5281
PO No:
Project Name: 730 United Drive

Report Date:	7/6/01
EIS Order No:	**010600230**
EIS Sample No:	076348
EIS Project No:	2730-1000-01
Client Sample ID:	**MW 50 SW 25**
Date Collected:	6/25/01
Date Received:	6/25/01
Collected By:	A. Grauvogel

This report presents results of analysis for your sample(s) received under our Order No above. This Number is to be used in all inquiries concerning this report. The EIS Sample No above, as well as your Sample ID, refer to the first sample in a multi-sample submission

DEFINITIONS:

MDL = Method Detection Limit normally achieved in the absence of interferences or other matrix difficulties.
RDL = Reporting Detection Limit achieved in your sample. If numerically greater than the MDL, dilutions were required in order to perform the analysis. If numerically less than the MDL, alternate techniques were employed.
nd = Not Detected at the RDL value. If present, result is less than this value.
< = Not Detected at the numerical value shown. If present, result is less than this value.
( ) = Result is estimated due to matrix interferences.

CHAIN-OF-CUSTODY is enclosed if received with your sample submission.

DRINKING WATER CERTIFICATIONS: Chemistry = C-71-02 Bacteriology = M-76-5

QUALITY ASSURANCE OFFICER

LABORATORY DIRECTOR

The data in this report has been reviewed and complies with EIS Quality Control unless specifically addressed above.

SAMPLE RESULTS

CLIENT SAMPLE ID: **MW 50 SW 25**
CLIENT PROJECT: **730 United Drive**
SAMPLE TYPE: **Water(Non DW)**
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076348
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
VOLATILE ORGANICS							
Acetone	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Acrolein	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Acrylonitrile	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Benzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromodichloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromoform	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Bromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (normal)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (sec)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (tert)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon disulfide	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon Tetrachloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chlorobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chloroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloroform	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorohexane (1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloromethane	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Chlorotoluene (2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorotoluene (4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Cyclohexanone	nd	µg/L	100	100	WilliamsJ	6/28/01	8260 B
Dibromo-3-chloropropane (1,2)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dibromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromoethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloro-2-butene (1,4)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorodifluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethene (c-1,2)	2.0	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (t-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichlorofluoromethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropane (2,2)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Dichloropropene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 50 SW 25
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076348
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Dichloropropene (c-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (t-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Diethyl ether	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Ethyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Heptane (normal)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Hexachlorobutadiene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Hexanone (2-)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Iodomethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Isopropylbenzene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Isopropyltoluene (para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methyl Ethyl Ketone (MEK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methylene chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Naphthalene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Propylbenzene (normal)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Styrene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,2,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethene	1.8	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrahydrofuran	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
TPH (DRO/GRO)	nd	µg/L	200	200	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,3)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethene	21	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorofluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trichloropropane (1,2,3)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Trichlorotrifluoroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,2,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,3,5)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Vinyl acetate	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Vinyl Chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Xylene (ortho)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Xylenes (meta + para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 50 SW 35
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076349
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
VOLATILE ORGANICS							
Acetone	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Acrolein	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Acrylonitrile	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Benzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromodichloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromoform	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Bromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (normal)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (sec)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (tert)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon disulfide	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon Tetrachloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chlorobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
hloroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloroform	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorohexane (1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloromethane	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Chlorotoluene (2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorotoluene (4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Cyclohexanone	nd	µg/L	100	100	WilliamsJ	6/28/01	8260 B
Dibromo-3-chloropropane (1,2)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dibromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromoethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloro-2-butene (1,4)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorodifluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethene (c-1,2)	3.6	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (t-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
)ichlorofluoromethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
,ichloropropane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropane (2,2)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 50 SW 35
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076349
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Dichloropropene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (c-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (t-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Diethyl ether	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Ethyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Heptane (normal)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Hexachlorobutadiene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Hexanone (2-)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Iodomethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Isopropylbenzene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Isopropyltoluene (para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methyl Ethyl Ketone (MEK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methylene chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Naphthalene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Propylbenzene (normal)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Styrene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,2,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethene	3.2	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrahydrofuran	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
TPH (DRO/GRO)	nd	µg/L	200	200	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,3)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,1)	1.4	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethene	31	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorofluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trichloropropane (1,2,3)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Trichlorotrifluoroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,2,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,3,5)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Vinyl acetate	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Vinyl Chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Xylene (ortho)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Xylenes (meta + para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 56 E 25
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076350
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
VOLATILE ORGANICS							
Acetone	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Acrolein	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Acrylonitrile	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Benzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromodichloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromoform	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Bromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (normal)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (sec)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (tert)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon disulfide	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon Tetrachloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chlorobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
`hloroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloroform	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorohexane (1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloromethane	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Chlorotoluene (2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorotoluene (4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Cyclohexanone	nd	µg/L	100	100	WilliamsJ	6/28/01	8260 B
Dibromo-3-chloropropane (1,2)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dibromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromoethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloro-2-butene (1,4)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorodifluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethene (c-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (t-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
)ichlorofluoromethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
,ichloropropane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropane (2,2)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 56 E 25
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076350
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Dichloropropene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (c-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (t-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Diethyl ether	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Ethyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Heptane (normal)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Hexachlorobutadiene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Hexanone (2-)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Iodomethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Isopropylbenzene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Isopropyltoluene (para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methyl Ethyl Ketone (MEK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methylene chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Naphthalene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Propylbenzene (normal)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Styrene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,2,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethene	1.3	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrahydrofuran	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
TPH (DRO/GRO)	nd	µg/L	200	200	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,3)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethene	4.7	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorofluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trichloropropane (1,2,3)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Trichlorotrifluoroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,2,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,3,5)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Vinyl acetate	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Vinyl Chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Xylene (ortho)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Xylenes (meta + para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 56 E 35
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076351
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
VOLATILE ORGANICS							
Acetone	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Acrolein	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Acrylonitrile	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Benzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromodichloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromoform	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Bromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (normal)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (sec)	4.3	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (tert)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon disulfide	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon Tetrachloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chlorobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
`hloroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloroform	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorohexane (1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloromethane	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Chlorotoluene (2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorotoluene (4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Cyclohexanone	nd	µg/L	100	100	WilliamsJ	6/28/01	8260 B
Dibromo-3-chloropropane (1,2)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dibromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromoethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloro-2-butene (1,4)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorodifluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethene (c-1,2)	1.7	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (t-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
`ichlorofluoromethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
`ichloropropane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropane (2,2)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 56 E 35
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076351
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Dichloropropene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (c-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (t-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Diethyl ether	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Ethyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Heptane (normal)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Hexachlorobutadiene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Hexanone (2-)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Iodomethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Isopropylbenzene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Isopropyltoluene (para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methyl Ethyl Ketone (MEK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methylene chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Naphthalene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Propylbenzene (normal)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Styrene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,2,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethene	1.1	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrahydrofuran	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
TPH (DRO/GRO)	1030	µg/L	200	200	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,3)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethene	15	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorofluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trichloropropane (1,2,3)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Trichlorotrifluoroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,2,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,3,5)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Vinyl acetate	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Vinyl Chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Xylene (ortho)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Xylenes (meta + para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 40 NE 25
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076352
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
VOLATILE ORGANICS							
Acetone	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Acrolein	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Acrylonitrile	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Benzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromodichloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromoform	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Bromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (normal)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (sec)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (tert)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon disulfide	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon Tetrachloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chlorobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
hloroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloroform	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorohexane (1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloromethane	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Chlorotoluene (2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorotoluene (4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Cyclohexanone	nd	µg/L	100	100	WilliamsJ	6/28/01	8260 B
Dibromo-3-chloropropane (1,2)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dibromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromoethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloro-2-butene (1,4)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorodifluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethene (c-1,2)	3.4	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (t-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
)ichlorofluoromethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
)ichloropropane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropane (2,2)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 40 NE 25
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076352
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Dichloropropene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (c-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (t-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Diethyl ether	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Ethyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Heptane (normal)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Hexachlorobutadiene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Hexanone (2-)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Iodomethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Isopropylbenzene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Isopropyltoluene (para)	4.3	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methyl Ethyl Ketone (MEK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methylene chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Naphthalene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Propylbenzene (normal)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Styrene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,2,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethene	1.5	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrahydrofuran	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
TPH (DRO/GRO)	6260	µg/L	200	200	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,3)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethene	6.8	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorofluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trichloropropane (1,2,3)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Trichlorotrifluoroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,2,4)	11	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,3,5)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Vinyl acetate	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Vinyl Chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Xylene (ortho)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Xylenes (meta + para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 40 NE 35
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076353
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
VOLATILE ORGANICS							
Acetone	nd	µg/L	100	10	WilliamsJ	6/28/01	8260 B
Acrolein	nd	µg/L	200	20	WilliamsJ	6/28/01	8260 B
Acrylonitrile	nd	µg/L	200	20	WilliamsJ	6/28/01	8260 B
Benzene	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Bromobenzene	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Bromochloromethane	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Bromodichloromethane	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Bromoform	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Bromomethane	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (normal)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (sec)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (tert)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Carbon disulfide	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Carbon Tetrachloride	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Chlorobenzene	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
hloroethane	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Chloroform	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Chlorohexane (1)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Chloromethane	nd	µg/L	100	10	WilliamsJ	6/28/01	8260 B
Chlorotoluene (2)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Chlorotoluene (4)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Cyclohexanone	nd	µg/L	1000	100	WilliamsJ	6/28/01	8260 B
Dibromo-3-chloropropane (1,2)	nd	µg/L	300	30	WilliamsJ	6/28/01	8260 B
Dibromochloromethane	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Dibromoethane (1,2)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Dibromomethane	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Dichloro-2-butene (1,4)	nd	µg/L	300	30	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,2)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,3)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,4)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Dichlorodifluoromethane	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,1)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,2)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (1,1)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Dichloroethene (c-1,2)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (t-1,2)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
)ichlorofluoromethane	nd	µg/L	50	5	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,2)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,3)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Dichloropropane (2,2)	nd	µg/L	50	5	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 40 NE 35
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076353
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Dichloropropene (1,1)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (c-1,3)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (t-1,3)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Diethyl ether	nd	µg/L	100	10	WilliamsJ	6/28/01	8260 B
Ethyl methacrylate	nd	µg/L	50	5	WilliamsJ	6/28/01	8260 B
Ethylbenzene	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Heptane (normal)	nd	µg/L	50	5	WilliamsJ	6/28/01	8260 B
Hexachlorobutadiene	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Hexanone (2-)	nd	µg/L	100	10	WilliamsJ	6/28/01	8260 B
Iodomethane	nd	µg/L	50	5	WilliamsJ	6/28/01	8260 B
Isopropylbenzene	46	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Isopropyltoluene (para)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Methyl Ethyl Ketone (MEK)	nd	µg/L	100	10	WilliamsJ	6/28/01	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	µg/L	100	10	WilliamsJ	6/28/01	8260 B
Methyl methacrylate	nd	µg/L	50	5	WilliamsJ	6/28/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
‘ethylene chloride	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
.‹aphthalene	210	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Propylbenzene (normal)	26	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Styrene	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,1,2)	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,2,2)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethene	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Tetrahydrofuran	nd	µg/L	100	10	WilliamsJ	6/28/01	8260 B
Toluene	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
TPH (DRO/GRO)	5810	µg/L	2000	200	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,3)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,4)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,1)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,2)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Trichloroethene	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Trichlorofluoromethane	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Trichloropropane (1,2,3)	nd	µg/L	50	5	WilliamsJ	6/28/01	8260 B
Trichlorotrifluoroethane	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,2,4)	200	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,3,5)	54	µg/L	20	2	WilliamsJ	6/28/01	8260 B
Vinyl acetate	nd	µg/L	100	10	WilliamsJ	6/28/01	8260 B
‘inyl Chloride	nd	µg/L	20	2	WilliamsJ	6/28/01	8260 B
.ylene (ortho)	nd	µg/L	10	1	WilliamsJ	6/28/01	8260 B
Xylenes (meta + para)	3800	µg/L	20	2	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 40 NE 45
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076354
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
VOLATILE ORGANICS							
Acetone	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Acrolein	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Acrylonitrile	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Benzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromodichloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromoform	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Bromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (normal)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (sec)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (tert)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon disulfide	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon Tetrachloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chlorobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
hloroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloroform	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorohexane (1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloromethane	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Chlorotoluene (2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorotoluene (4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Cyclohexanone	nd	µg/L	100	100	WilliamsJ	6/28/01	8260 B
Dibromo-3-chloropropane (1,2)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dibromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromoethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloro-2-butene (1,4)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorodifluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethene (c-1,2)	3.4	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (t-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
)ichlorofluoromethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropane (2,2)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 40 NE 45
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076354
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Dichloropropene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (c-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (t-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Diethyl ether	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Ethyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Heptane (normal)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Hexachlorobutadiene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Hexanone (2-)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Iodomethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Isopropylbenzene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Isopropyltoluene (para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methyl Ethyl Ketone (MEK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
'ethylene chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
,Naphthalene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Propylbenzene (normal)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Styrene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,2,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethene	3.3	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrahydrofuran	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
TPH (DRO/GRO)	nd	µg/L	200	200	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,3)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,1)	1.5	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethene	36	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorofluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trichloropropane (1,2,3)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Trichlorotrifluoroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,2,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,3,5)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Vinyl acetate	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
/inyl Chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
.ylene (ortho)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Xylenes (meta + para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 40 NW 25
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076355
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
VOLATILE ORGANICS							
Acetone	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Acrolein	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Acrylonitrile	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Benzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromodichloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromoform	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Bromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (normal)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (sec)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (tert)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon disulfide	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon Tetrachloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chlorobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
`hloroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloroform	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorohexane (1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloromethane	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Chlorotoluene (2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorotoluene (4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Cyclohexanone	nd	µg/L	100	100	WilliamsJ	6/28/01	8260 B
Dibromo-3-chloropropane (1,2)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dibromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromoethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloro-2-butene (1,4)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorodifluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethene (c-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (t-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
`ichlorofluoromethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropane (2,2)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: **MW 40 NW 25**
CLIENT PROJECT: **730 United Drive**
SAMPLE TYPE: **Water(Non DW)**
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076355
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Dichloropropene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (c-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (t-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Diethyl ether	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Ethyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Heptane (normal)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Hexachlorobutadiene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Hexanone (2-)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Iodomethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Isopropylbenzene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Isopropyltoluene (para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methyl Ethyl Ketone (MEK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
'ethylene chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Naphthalene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Propylbenzene (normal)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Styrene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,2,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethene	2.4	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrahydrofuran	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
TPH (DRO/GRO)	nd	µg/L	200	200	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,3)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethene	11	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorofluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trichloropropane (1,2,3)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Trichlorotrifluoroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,2,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,3,5)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Vinyl acetate	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
'inyl Chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
ylene (ortho)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Xylenes (meta + para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 40 NW 35
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076356
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
VOLATILE ORGANICS							
Acetone	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Acrolein	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Acrylonitrile	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Benzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromodichloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromoform	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Bromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (normal)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (sec)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (tert)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon disulfide	3.2	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon Tetrachloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chlorobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
`hloroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloroform	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorohexane (1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloromethane	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Chlorotoluene (2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorotoluene (4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Cyclohexanone	nd	µg/L	100	100	WilliamsJ	6/28/01	8260 B
Dibromo-3-chloropropane (1,2)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dibromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromoethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloro-2-butene (1,4)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorodifluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,1)	1.1	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethene (c-1,2)	2.2	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (t-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
`ichlorofluoromethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropane (2,2)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: MW 40 NW 35
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076356
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Dichloropropene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (c-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (t-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Diethyl ether	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Ethyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Heptane (normal)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Hexachlorobutadiene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Hexanone (2-)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Iodomethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Isopropylbenzene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Isopropyltoluene (para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methyl Ethyl Ketone (MEK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
‘ethylene chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
‚Naphthalene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Propylbenzene (normal)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Styrene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,2,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethene	2.9	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrahydrofuran	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
TPH (DRO/GRO)	390	µg/L	200	200	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,3)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethene	26	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorofluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trichloropropane (1,2,3)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Trichlorotrifluoroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,2,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,3,5)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Vinyl acetate	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
‘inyl Chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
.ylene (ortho)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Xylenes (meta + para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: Trip Blank
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076357
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
VOLATILE ORGANICS							
Acetone	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Acrolein	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Acrylonitrile	nd	µg/L	20	20	WilliamsJ	6/28/01	8260 B
Benzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromodichloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Bromoform	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Bromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (normal)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (sec)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Butylbenzene (tert)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon disulfide	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Carbon Tetrachloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chlorobenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
hloroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloroform	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorohexane (1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Chloromethane	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Chlorotoluene (2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Chlorotoluene (4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Cyclohexanone	nd	µg/L	100	100	WilliamsJ	6/28/01	8260 B
Dibromo-3-chloropropane (1,2)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dibromochloromethane	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromoethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dibromomethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloro-2-butene (1,4)	nd	µg/L	30	30	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorobenzene (1,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichlorodifluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloroethene (c-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloroethene (t-1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
ichlorofluoromethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Dichloropropane (1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropane (2,2)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: Trip Blank
CLIENT PROJECT: 730 United Drive
SAMPLE TYPE: Water(Non DW)
Date Collected: 6/25/01

Report Date: 7/6/01
EIS Sample No: 076357
EIS Order No: 010600230
Date Received: 6/25/01

Parameter	Results	Units	RDL	MDL	Analyst	Test Date	Method
Dichloropropene (1,1)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (c-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Dichloropropene (t-1,3)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Diethyl ether	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Ethyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Ethylbenzene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Heptane (normal)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Hexachlorobutadiene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Hexanone (2-)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Iodomethane	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Isopropylbenzene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Isopropyltoluene (para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Methyl Ethyl Ketone (MEK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Methyl methacrylate	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
'ethylene chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Naphthalene	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Propylbenzene (normal)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Styrene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,1,2)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Tetrachloroethane (1,1,2,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrachloroethene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Tetrahydrofuran	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
Toluene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
TPH (DRO/GRO)	nd	µg/L	200	200	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,3)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorobenzene (1,2,4)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,1)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethane (1,1,2)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichloroethene	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Trichlorofluoromethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trichloropropane (1,2,3)	nd	µg/L	5	5	WilliamsJ	6/28/01	8260 B
Trichlorotrifluoroethane	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,2,4)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Trimethylbenzene (1,3,5)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
Vinyl acetate	nd	µg/L	10	10	WilliamsJ	6/28/01	8260 B
'inyl Chloride	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B
.ylene (ortho)	nd	µg/L	1	1	WilliamsJ	6/28/01	8260 B
Xylenes (meta + para)	nd	µg/L	2	2	WilliamsJ	6/28/01	8260 B

QUALITY ASSURANCE / QUALITY CONTROL DATA

Method Specific Surrogate Compound Recoveries

EIS Order ID: 010600230

QUALITY CONTROL LIMITS

Normal Test	Surrogate	Methods		QC Limits	
		Water	Soil	Water	Soil
Herbicides	2,4-Dichlorophenylaceticacid(DCAA)	615 / 8151A / 515.1	8151A	15 - 135	
Pesticides / PCB	2,4,5,6-Tetrachloro-m-xylene(TCMX)	608 / 8081A / 8082 / 508	8082	22 - 135	40 - 150
Pesticides / PCB	Decachlorobiphenyl(DCB)	608 / 8081A / 508	8082	22 - 135	40 - 150
SOC (svoc)	Perylene, d12	525.2		70 - 130	
SVOC (acid)	2-Fluorophenol	625 / 8270C	8270C	21 - 100	25 - 121
SVOC (acid)	Phenol, d5	625 / 8270C	8270C	10 - 94	24 - 113
SVOC (base/neutral)	Nitrobenzene, d5	625 / 8270C	8270C	35 - 114	23 - 120
SVOC (base/neutral)	2-Fluorobiphenyl	625 / 8270C	8270C	43 - 116	30 - 115
SVOC (acid)	2,4,6-Tribromophenol	625 / 8270C	8270C	10 - 123	19 - 122
SVOC (base/neutral)	Terphenyl, d14	625 / 8270C	8270C	33 - 141	18 - 137
TPH	Styrene	8015M	8015M	30 - 70	34 - 66
VOC / BETX / TPH	1,2-Dichloroethane, d4	624 / 8260B / 524.2	8260B	76 - 114	70 - 121
VOC / BETX / TPH	Toluene, d8	624 / 8260B / 524.2	8260B	86 - 115	74 - 121
VOC / BETX / TPH	Bromofluorobenzene(BFB)	624 / 8260B / 524.2	8260B	86 - 115	74 - 121

EIS Lab No	Client Sample ID	Method	Matrix	Surrogate	%Recovery
076348	MW 50 SW 25	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	91
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	106
		8260 B	Water(Non DW)	Toluene-d8 (SS)	101
076349	MW 50 SW 35	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	95
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	106
		8260 B	Water(Non DW)	Toluene-d8 (SS)	101
076350	MW 56 E 25	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	98
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	103
		8260 B	Water(Non DW)	Toluene-d8 (SS)	100
076351	MW 56 E 35	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	94
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	111
		8260 B	Water(Non DW)	Toluene-d8 (SS)	99
076352	MW 40 NE 25	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	96
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	104
		8260 B	Water(Non DW)	Toluene-d8 (SS)	105
076353	MW 40 NE 35	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	99
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	105
		8260 B	Water(Non DW)	Toluene-d8 (SS)	101
076354	MW 40 NE 45	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	99
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	102
		8260 B	Water(Non DW)	Toluene-d8 (SS)	103
076355	MW 40 NW 25	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	93
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	102
		8260 B	Water(Non DW)	Toluene-d8 (SS)	99

Legend: -1 = Surrogates diluted out -2 = Surrogates not used ( ) = methods with different QC Limits

QUALITY ASSURANCE / QUALITY CONTROL DATA

Method Specific Surrogate Compound Recoveries

EIS Order ID: 010600230

QUALITY CONTROL LIMITS

Normal Test	Surrogate	Methods		QC Limits	
		Water	Soil	Water	Soil
Herbicides	2,4-Dichlorophenylaceticacid(DCAA)	615 / 8151A / 515.1	8151A	15 - 135	
Pesticides / PCB	2,4,5,6-Tetrachloro-m-xylene(TCMX)	608 / 8081A / 8082 / 508	8082	22 - 135	40 - 150
Pesticides / PCB	Decachlorobiphenyl(DCB)	608 / 8081A / 508	8082	22 - 135	40 - 150
SOC (svoc)	Perylene, d12	525.2		70 - 130	
SVOC (acid)	2-Fluorophenol	625 / 8270C	8270C	21 - 100	25 - 121
SVOC (acid)	Phenol, d5	625 / 8270C	8270C	10 - 94	24 - 113
SVOC (base/neutral)	Nitrobenzene, d5	625 / 8270C	8270C	35 - 114	23 - 120
SVOC (base/neutral)	2-Fluorobiphenyl	625 / 8270C	8270C	43 - 116	30 - 115
SVOC (acid)	2,4,6-Tribromophenol	625 / 8270C	8270C	10 - 123	19 - 122
SVOC (base/neutral)	Terphenyl, d14	625 / 8270C	8270C	33 - 141	18 - 137
TPH	Styrene	8015M	8015M	30 - 70	34 - 66
VOC / BETX / TPH	1,2-Dichloroethane, d4	624 / 8260B / 524.2	8260B	76 - 114	70 - 121
VOC / BETX / TPH	Toluene, d8	624 / 8260B / 524.2	8260B	86 - 115	74 - 121
VOC / BETX / TPH	Bromofluorobenzene(BFB)	624 / 8260B / 524.2	8260B	86 - 115	74 - 121

EIS Lab No	Client Sample ID	Method	Matrix	Surrogate	%Recovery
076356	MW 40 NW 35	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	94
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	102
		8260 B	Water(Non DW)	Toluene-d8 (SS)	101
076357	Trip Blank	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	94
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	103
		8260 B	Water(Non DW)	Toluene-d8 (SS)	103

Legend: -1 = Surrogates diluted out -2 = Surrogates not used ( ) = methods with different QC Limits

QUALITY CONTROL DATA

MATRIX SPIKE / DUPLICATE MATRIX SPIKE (MS/DMS)

EIS Order: 010600230
QC Sample: 076354
Matrix: Groundwater
Test: VOC

EIS Lab #s in This Batch: 076348 - 076357

Comments Concerning This QC Batch: None

Parameter	Back-ground	Spike Amount	Matrix Spike		Duplicate Spike		RPD	Quality Control Limits		QC Batch
			Result	% R	Result	% R		RPD LCL UCL	% R LCL UCL	
Benzene	nd	42	43	102	43	102	0	0 -- 11	76 -- 127	QB00650
Chlorobenzene	nd	46	45	98	43	93	5	0 -- 13	75 -- 130	QB00650
Dichloroethene (1,1)	nd	44	53	120	50	114	6	0 -- 14	61 -- 145	QB00650
Toluene	nd	42	40	95	41	98	2	0 -- 13	76 -- 125	QB00650
Trichloroethene	36	41	78	102	77	100	2	0 -- 14	71 -- 120	QB00650

LEGEND:

1. Background = Sample Result
2. Spike amount may be adjusted for dilution used in sample analysis
3. % R = Percent Recovery of Spike
   RPD = Relative Percent Difference of the spike recoveries
5. LCL = Lower Control Limit
6. UCL = Upper Control Limit
7. Units are normally those shown in the Analysis Report and are always the same for the Background and Spike

QUALITY CONTROL DATA

LABORATORY FORTIFIED METHOD BLANK (LFB)

Matrix: Lab Water

Test: VOC

Prep Date: See Sample Analysis Date

Run Date: See Sample Analysis Date

EIS Lab #s With This LFB

076348 - 076357

Comments Concerning This LFB:

None

Parameter	Spike Amount	Matrix Spike		Duplicate Spike		RPD	Quality Control Limits		QC Batch
		Result	% R	Result	% R		RPD LCL UCL	% R LCL UCL	
Benzene	4.9	4.7	96					76 -- 127	QB00650
Chlorobenzene	5.2	4.8	92					75 -- 130	QB00650
Dichloroethene (1,1)	5.3	5.4	102					61 -- 145	QB00650
Toluene	4.5	4.3	96					76 -- 125	QB00650
Trichloroethene	4.5	4.5	100					71 -- 120	QB00650

LEGEND:

1. The LFB may be either a single spike or in dulicate and may or may not be in a QC Batch with a MS/DMS.
2. % R = Percent Recovery of Spike
   RPD = Relative Percent Difference of the spike recoveries
4. LCL = Lower Control Limit
5. UCL = Upper Control Limit
6. Units are normally those shown in the Analysis Report and are always the same for the Spike and Duplicate Spike

CHAIN OF CUSTODY RECORD

PROJ. NO	PROJECT NAME
2032	730 United Drive

SAMPLERS: (Print Name & Sign)
Anna Grauvogel Grauvogel

Lab Order ID: 0106.230

FIELD ID	DATE	TIME	COMP	GRAB	STATION LOCATION	Total No. of Con-tainers	VOC	Sample Type	TAT	Lab Number
50SW25-0625	6/25/01	0930		✓	MW 50 SW 25	2	✓	G Water	Nor	76348
60SW35-0625		0940		✓	MW 60 SW 35	2	✓			76349
56E25-0625		1000		✓	MW 56 E 25	2	✓			76350
56E35-0625		1020		✓	MW 56 E 35	2	✓			76351
40NE25-0625		1040		✓	MW 40 NE 25	2	✓			76352
40NE35-0625		1100		✓	MW 40 NE 35	2	✓			76353
40NE45-0625		1110		✓	MW 40 NE 45	4	✓			76354
40NW25-0625		1130		✓	MW 40 NW 25	2	✓			76355
40NW35-0625		1140		✓	MW 40 NW 35	2	✓			76356
	6.25.01				TRIP BLANK					76357

Relinquished By: (Signature)	Date	Time	Received By: (Signature)
Grauvogel	6/25	1220	
Relinquished By: (Signature)	Date	Time	Received By: (Signature)
	6/25	1231	
Relinquished By: (Signature)	Date	Time	Received By: (Signature)

EIS QUOTE NO:

Ship To:

NOTES: 1) **If you were issued a quote number, it must appear on this document.**
2) **Instructions & area for comments are on reverse side.**

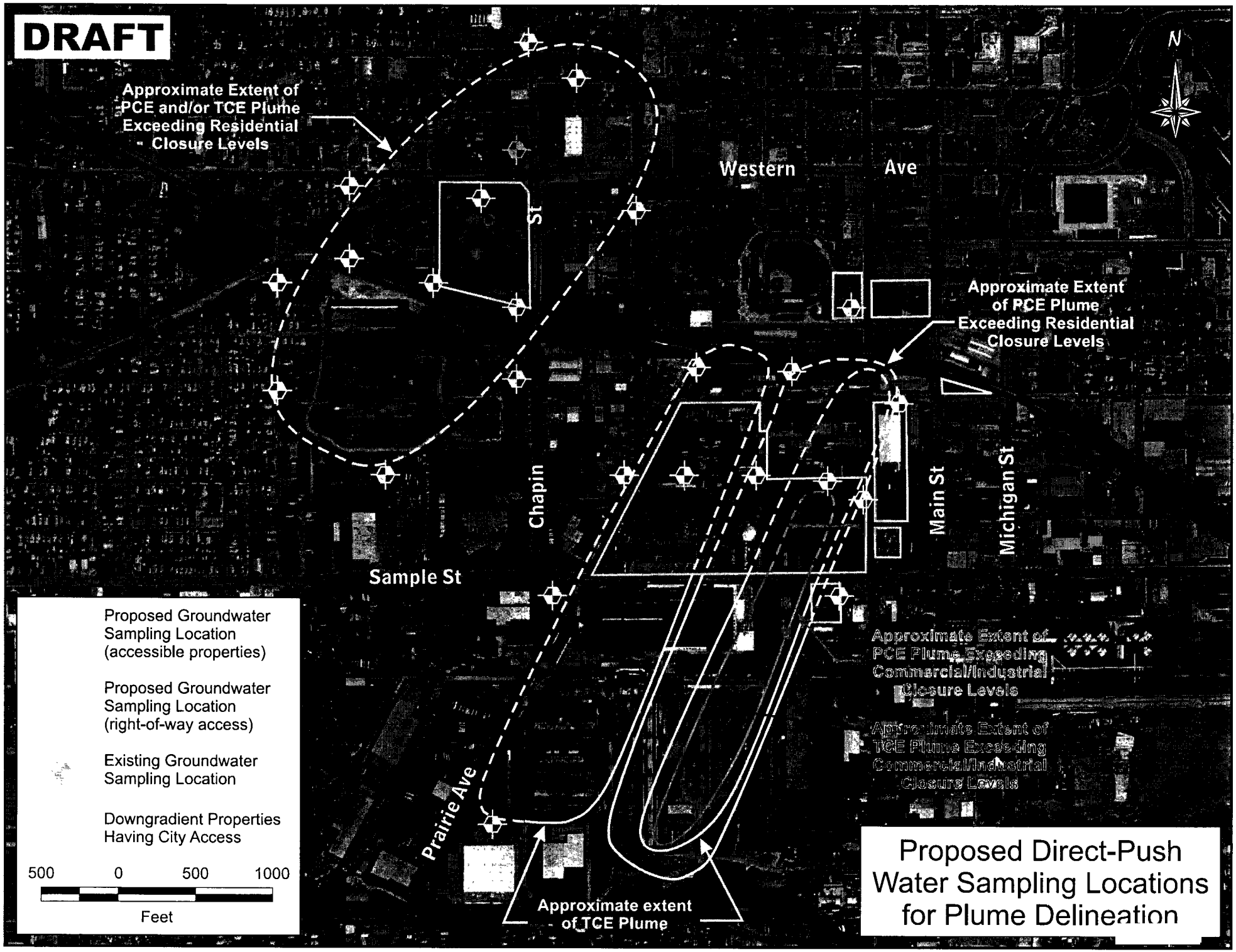
EIS ANALYTICAL SERVICES, INC. • 1701 NORTH IRONWOOD DRIVE SUITE B • SOUTH BEND IN 46635 • Phone (219)277–0707 • Fax (219)27[illegible]

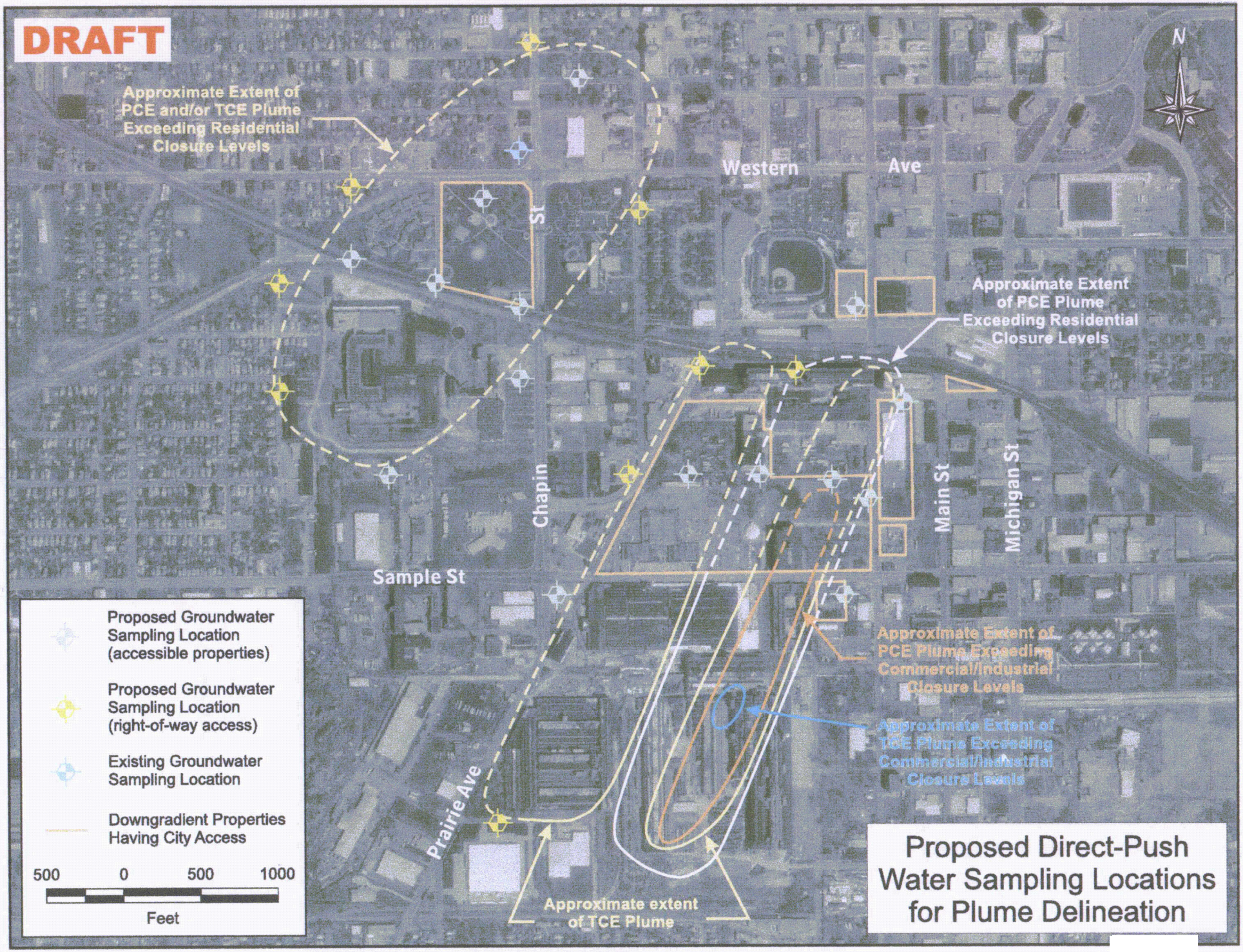
Form Completion Instructions

1. Each slanted line represents specific container types from which specific tests are conducted. Use additional record sheets if # of samples or # of tests exceed allotted spaces.
2. List tests (per container type) on the slanted lines & give # of containers in boxes below tests.
3. Sum all containers and place in column labeled Total No. Containers.
4. For the column labeled Sample Type, give brief description such as soil, MW, oil, etc.
5. For column labeled TAT use one of the following:

Request	Meaning
Normal	2 4 weeks for written report based entirely on test complexity and number of samples
1 week	In general, prior authorization is required from the lab to request a 5 day turnaround time. Surcharges may or may not be applicable, depending entirely on test complexity.
3 days	Must have been authorized by the Lab and increased costs must have been authorized by the client.
1 day	Must have been authorized by the Lab and increased costs must have been authorized by the client.

Submission Comments


DRAFT
Approximate Extent of PCE and/or TCE Plume Exceeding Residential Closure Levels
Western Ave
St
Approximate Extent of PCE Plume Exceeding Residential Closure Levels
Chapin
Main St
Michigan St
Sample St
Approximate Extent of PCE Plume Exceeding Commercial/Industrial Closure Levels
Approximate Extent of TCE Plume Exceeding Commercial/Industrial Closure Levels
Prairie Ave
Approximate extent of TCE Plume
N
Proposed Groundwater Sampling Location (accessible properties)
Proposed Groundwater Sampling Location (right-of-way access)
Existing Groundwater Sampling Location
Downgradient Properties Having City Access
500 0 500 1000
Feet
Proposed Direct-Push Water Sampling Locations for Plume Delineation


DRAFT
Approximate Extent of PCE and/or TCE Plume Exceeding Residential Closure Levels
Western
Ave
St
Approximate Extent of PCE Plume Exceeding Residential Closure Levels
Chapin
Main St
Michigan St
Sample St
Approximate Extent of PCE Plume Exceeding Commercial/Industrial Closure Levels
Approximate Extent of TCE Plume Exceeding Commercial/Industrial Closure Levels
Prairie Ave
Approximate extent of TCE Plume
N
Proposed Groundwater Sampling Location (accessible properties)
Proposed Groundwater Sampling Location (right-of-way access)
Existing Groundwater Sampling Location
Downgradient Properties Having City Access
500 0 500 1000
Feet
Proposed Direct-Push Water Sampling Locations for Plume Delineation