State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128
FAX 414-263-8606
Telephone 414-263-8500
TTY Access via relay - 711

May 28, 2008

Bishop's Creek CDC
3500 Mother Daniels Way
Milwaukee, WI 53209

BRRTS Duplicate

Subject: Final Case Closure for Bishop's Creek CDC Building 16 Site, 4763 North 32nd Street, Milwaukee, WI

FID: 341055770
BRRTS: 03-41-543815
PECFA: 53209-6083

Dear Sirs:

On May 28, 2008, your site as described above was reviewed for closure by the Wisconsin Department of Natural Resources ("the Department"). The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. Based on the correspondence and data provided, it appears that your case meets the screening criteria of s. NR 746.07 or s. NR 746.08, Wis. Adm. Code, and the requirements of ch. NR 726, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Groundwater Monitoring Wells

On May 28, 2008, I contacted D. J. Burns of Drake Environmental concerning the future use of the groundwater monitoring wells. Drake requested and the Department agrees that groundwater monitoring wells MW-20, MW-21, MW-22, MW-23, and MW-24 should remain in-place and sampled during redevelopment when necessary. The site continues to have issues with metals and diesel (PAHs) in soil and/or groundwater.

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates the actions you have taken to investigate and remediate the contamination at this site. If you have any questions or comments, please feel free to contact me at the above address or at (414) 263-8644. Please refer to the FID number at the top of this letter in any future correspondence. Future correspondence should be sent directly to the Remediation and Redevelopment Program Assistant Vicky Stovall (414-263-8688) at the above address.

Sincerely,

John J. Hnat, P.G., C.P.G.
Project Manager\Senior Hydrogeologist
Southeast Region
Remediation and Redevelopment

C: AL Rabin, Dept of Commerce
George Marek, Quarles & Brady, LLP
DJ Burns, Drake Environmental
WDNR SER Files

DRAKE
ENVIRONMENTAL, INC.

"Serve wholeheartedly, as if you were serving the Lord, not men." — Ephesians 6:7

March 14, 2006

John Hnat - Hydrogeologist
Wisconsin Department of Natural Resources
2300 North Martin Luther King Drive
Milwaukee, WI 53212-0436

RE: Site Investigation Work Plan for Bishop's Creek Community Development Corporation Building 16 Property (Former Greenebaum Tannery) at 4763 North 32nd Street in Milwaukee, Wisconsin — DNR BRRTS No. 03-415438-15; FID No. 341055770; Commerce No. 53209-6083-Occurrence-A; Drake Project No.J04140

Dear Mr. Hnat:

On behalf of Bishop's Creek Community Development Corporation, Drake Environmental Inc. is pleased to submit the attached work plan for the Building 16 LUST site to conduct a site investigation and evaluate closure criteria or remedial options for the above-referenced property. This work plan includes a brief history of the project, a detailed scope of work, a discussion of site investigation procedures, and a schedule for the site investigation activities.

Thank you for receiving this work plan, and if you have any questions or need additional information, please call us at (414) 384-1440.

Respectfully,
DRAKE ENVIRONMENTAL, INC.

Chelsea M. Corson
Staff Professional II

D.J. Burns
Project Director

cc: Bishop Sedgwick Daniels
Mr. Billy Young
Mr. George J. Marek, Esq.

S:\DRAKE\Jobs\2004jobs\J04141 SI BCCDC #16 4763 N. 32nd Street\Workplan\Bldg 16 work plan-revised.doc

530 South 11th Street • Milwaukee, WI 53204
Phone: (414) 384-1440 • 1 (800) 853-8440 • Fax: (414) 384-4344 • www.drake.cc

WORK PLAN

PROJECT
Site Investigation Work Plan
Bishop's Creek Community Development Corporation
Building #16 Site – Former Greenebaum Tannery
4763 North 32nd Street
Milwaukee, Wisconsin
Commerce No. 53209-6083-63-Occurrence A

CLIENT
Bishop's Creek Community Development Corporation
3500 West Mother Daniels Way
Milwaukee, WI 53209

Proposal Number
J04140

Date
March 14, 2006

DRAKE ENVIRONMENTAL, INC.
530 S. 11th St.
Milwaukee, Wisconsin 53204

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SITE INVESTIGATION WORK PLAN
BISHOP'S CREEK COMMUNITY DEVELOPMENT CORPORATION
BCCDC BUILDING 16 SITE (FORMER GREENEBAUM TANNERY SITE)
4763 NORTH 32ND STREET
MILWAUKEE, WISCONSIN
BRRTS NUMBER 03-415438-15
FID NUMBER 341055770

1.0 PROJECT SCOPE

1.1Project Description

The subject site is located near Building 16 of the Bishop's Creek Community Development Corporation Property (BCCDC) at 4763 North 32nd Street in Milwaukee, Wisconsin. The subject of the site investigation work plan is a former 450-gallon leaded gasoline leaking underground storage tank (LUST). The site is located in the northwest quarter of the northeast quarter of Section 1, Township 7 North, Range 21 East, in Milwaukee County, Wisconsin. Figure 1 in Appendix A depicts the approximate location of the subject property.

The purpose of the site investigation will be to evaluate the degree and extent of petroleum contamination originating from the former underground storage tank (UST) near Building 16, and to evaluate risk screening and case closure criteria.

1.2 Project History

The result of a Phase I Environmental Site Assessment (ESA) conducted by Drake Environmental, Inc. ("Drake" (report dated May 19, 2004)), indicated, according to building department records, a 450-gallon UST (formerly containing leaded gasoline) was reportedly installed in the vicinity of Building 16 on May 21, 1951. The current status of the UST is unknown at this time, however, according to the Wisconsin Department of Commerce Storage Tank Database, the former UST was abandoned in 2001.

A prior Phase II ESA, prepared by HNTB, Corp. (report dated April 2000), indicated that soil samples taken from the area of the former UST exhibited concentrations of petroleum

Gasoline Range Organics (GRO), and Petroleum Volatile Organic Compounds (PVOC), above the Wisconsin Department of Natural Resource's (DNR) generic Residual Contaminant Levels (RCL).

The analytical results from soil sample SB-11 indicated a GRO concentration of 1,800 parts per million (ppm). PVOCs detected above the RCL as SB-11 included: ethylbenzene (116,000 parts per billion (ppb)), toluene (333,000 ppb), and total xylenes (781,000 ppb). A summary of the analytical results is included in Table 1 of Appendix B.

Following the transfer of ownership of the property to BCCDC, Drake notified the DNR of the presence of this release on August 18, 2005. The DNR has assigned Bureau for Remediation and Redevelopment Tracking System (BRRTS) Number 03-415438-05 to the Building 16 LUST site.

1.3 Site Description

The subject property is situated in the central portion of an industrial/commercial property owned by BCCDC, and is located southeast of the intersection of 32nd and Hampton Avenue in the City of Milwaukee. The surrounding area includes a railroad right-of-way, industrial/commercial type buildings, vacant grassland, and Lincoln Creek.

According to historical building department records, the subject property is approximately 80 years old, and contained the former Greenebaum Tannery from approximately the 1920's until approximately 1956. Since 1956, the subject property housed a variety of occupants with operations including a finishing facility, paint spray booth, automotive salvage facility, a recycling facility, a machine shop and warehousing of goods. In June of 2000, a fire destroyed several buildings on the BCCDC property and more recent fires in 2004 destroyed portions of the adjacent building No. 3 and adjacent building No. 1. The subject property is currently vacant.

1.4 Site Geology & Hydrogeology

As depicted on the United States Geological Service (USGS) Milwaukee, Wisconsin quadratic 7.5 minute topographic map, the subject property is relatively flat and level. The site is depicted as having an elevation of approximately 650-660 feet above mean sea level, and the grade of ground surface in the vicinity of the site is depicted as being approximately 1%, declining generally toward the east.

The adjacent Lincoln Creek flows into the Milwaukee River about ¾ miles east of the subject property. Regionally, the topography of the area slopes east, towards the Milwaukee River, which ultimately drains into Lake Michigan.

According to Skinner and Borman, groundwater depth is anticipated to be approximately 15-20 feet below ground surface (bgs). The principal aquifers underlying the region are the Sandstone and Niagara, major aquifer depth within the Niagara Dolomite is approximately 60 bgs. The Niagara aquifer is used for domestic water supplies and flow within the aquifer is generally toward the east.

1.5 Potential Receptors

The BCCDC site and the surrounding City of Milwaukee is serviced by municipal sewer and water services and other private utility services. Surface water in the vicinity of the subject property includes Lincoln Creek which is located approximately 350 feet south and 500 feet east of the subject property.

A high capacity industrial water use well is still believed to exist on the subject property. No abandonment documentation was ever recorded, therefore the well is assumed to still exist.

2.0 SITE INVESTIGATION ACTIVITIES

The proposed site investigation activities include the field, analytical, and documentation services considered necessary to comply with the regulatory requirements applicable to this site.

2.1 Estimate Extent and Degree of Soil Contamination

In an effort to address the known petroleum contamination on the subject property, Drake has proposed conducting additional investigation activities in the area of the former 450-gallon UST. The additional assessment is considered warranted to further define the extent of the soil contamination observed at SB-11.

Soil samples will be collected utilizing a conventional truck-mounted drill rig. The samples will be analyzed on-site with a photoionization detector (PID), and evaluated for geological characteristics. Selected soil samples from each boring will be preserved for off-site laboratory analysis, and will be analyzed for volatile organic compounds (VOC) and gasoline range organics (GRO).

An initial soil boring will be positioned to the north of the UST area, and the boring will be advanced downward until the degree and vertical extent of the residual soil contamination has been evaluated. Additional borings will then be positioned as needed to the south, east, and west of the initial sample location to define the horizontal extent of the soil contamination. Figure 2 in Appendix A depicts the proposed soil boring locations.

2.2 Estimate Extent and Degree of Groundwater Contamination

To evaluate the presence of groundwater contamination, five of the soil borings will be converted to permanent groundwater monitoring wells and will include the collection of groundwater samples for the analysis of VOCs.

A groundwater monitoring well will be installed within the suspected source area in order to determine the maximum degree of groundwater contamination. The locations of

additional groundwater monitoring wells will depend upon the actual subsurface conditions that are encountered. Typically, one monitoring well will be installed upgradient from the source area to determine the quality of the groundwater entering the site, and one or two monitoring wells will be installed sidegradient to the contaminated area to determine the width of the contaminant plume. One or more additional monitoring wells will then be installed downgradient from the contaminated area in order to define the downgradient extent of the contaminant plume. One or more piezometers may also be installed at the site to evaluate the vertical migration of contaminants.

Following installation, the monitoring wells will be developed and surveyed, and groundwater samples will be collected and analyzed for petroleum constituents and natural attenuation parameters. The direction of groundwater flow will be determined with the use of surveying data and water level measurements, and aquifer tests will be performed to evaluate hydrogeologic conditions at the site.

2.3 Evaluate Risk Screening Criteria

To comply with Wisconsin Administrative Code NR 746.06 requirements for sites with petroleum contamination, Drake will evaluate the potential presence of risk screening criteria, including environmental factors such as documented expansion of the plume margin, contamination of private or public potable wells, contamination within bedrock or within one meter of bedrock, presence of free product with a thickness of 0.01 feet or more, and documented contamination discharges to a surface water or wetland.

Additional risk screening criteria, including soil screening levels, soil direct contact levels, the age of the petroleum product release, petroleum product migration within a utility corridor, petroleum product migration to points of building entry, and Wisconsin Administrative Code NR 140 Enforcement Standard (ES) exceedences within 1,000 feet of a public water supply well or within 100 feet of any other well used for human consumption, will also be evaluated in relation to the site.

3.0 SITE INVESTIGATION PROCEDURES

The procedures to be utilized during the site investigation at the BCCDC Building 16 Property are discussed in the following section.

3.1 Contractor and Laboratory Selection

Drake will assist with the selection of contractors as needed to provide and operate soil probing and well drilling equipment, construct monitoring wells, and provide laboratory analytical testing. Drake will establish the scope of work for each service and request bids from qualified contractors based on the proposed scope of work. Drake will then schedule and coordinate the project with the selected contractors and laboratory.

3.2 Health and Safety Plan Preparation

Prior to the implementation of fieldwork, Drake will prepare a site-specific health and safety plan to comply with the requirements of the United States Occupational Safety and Health Administration (OSHA). The health and safety plan will apply to Drake staff members conducting fieldwork or providing project support at the site. A description of site characteristics, a hazards evaluation, safety requirements, and emergency procedures will be included in the plan. The health and safety plan will be available on-site during fieldwork operations.

3.3 Soil Boring Procedures

The selected contractor will collect continuous soil samples with a truck-mounted drill rig unit. Public underground site utilities will be identified by Wisconsin Diggers Hotline prior to the commencement of subsurface work.

Each soil sample will be collected within a split-spoon, and equipment decontamination procedures will be followed to prevent the transfer of contaminants by the equipment.

3.4 Drilling Procedures

If utilized, soil borings for monitoring well installation will be drilled by the selected contractor utilizing continuous-flight hollow-stem steel augers. Continuous soil samples will be collected during drilling operations with a split-spoon sampler advanced with a 140-pound hammer drop mechanism. Equipment decontamination procedures will be followed to prevent the transfer of contaminants by the equipment.

3.5 Soil Sampling Procedures

Soil samples will be analyzed to identify the site's geologic conditions and to estimate the horizontal and vertical extent of the soil contamination. The contractors will assist Drake in collecting the samples at 2-foot or 4-foot vertical intervals utilizing sampling procedures designed to recover representative, relatively undisturbed samples. The equipment utilized to collect soil samples will be decontaminated before and after each sample recovery to prevent the transfer of contaminants by the sampling equipment. The recovered samples will be placed into appropriate containers for field and laboratory testing.

Following sampling, the boring hole and the soil borings that are not utilized for monitoring wells will be backfilled with bentonite material to prohibit surface water infiltration, and Drake will prepare borehole abandonment forms to comply with DNR requirements.

3.6 Soil Sample Screening and Classification

Drake will preliminarily evaluate soil samples in the field to identify indications of petroleum contamination. The samples will be screened with a PID following the DNR "headspace" method. PID screening detects the presence of volatile organic vapors commonly emitted by VOCs, which are common constituents of petroleum fuels.

Following PID screening, the samples will be transported to Drake's facility. Drake will visually examine and classify the samples in general accordance with the Unified Soil Classification System (USCS). Each sample will also be evaluated to identify the presence of staining and odors indicative of contamination. The description and

accompanying USCS classification for each sample will be presented on soil boring logs prepared by Drake. Drake will also prepare geologic cross section diagrams depicting the stratigraphy of the site.

Investigative wastes generated during the investigation will likely consist of petroleum-contaminated soil and groundwater. Pending characterization and proper disposal, the investigative wastes will be stored on-site in 55-gallon steel drums.

3.7 Soil Sample Analytical Testing

Drake will submit selected soil samples to an independent DNR-certified laboratory for analysis. A quality control trip blank will be included with the soil samples, and chain of custody documentation will be maintained for the samples. In accordance with DNR guidelines, the following sampling plan will be utilized:

Analytical Parameter	Analytical Method
Gasoline Range Organics (GRO)	DNR Modified GRO Method
Volatile Organic Compounds (VOC)	EPA Method 8021

Drake will typically preserve two soil samples from each soil probe or boring and submit them for laboratory analyses. One soil sample will be submitted from a potentially contaminated subsurface interval, while the second sample will be submitted from a deeper interval, which appears to be uncontaminated. This will assist in determining the vertical extent of the soil contamination.

Drake will compare the laboratory results to Wisconsin Administrative Code NR 720 generic RCLs and/or site-specific standards to evaluate the extent and degree of soil contamination. In addition to analyzing contaminant concentrations, soil samples may also be analyzed for additional parameters such as bulk density, grain size distribution, total solids, and total organic carbon in order to further evaluate geologic conditions.

3.8 Monitoring Well Construction

Monitoring wells will be utilized to compile data regarding hydrogeologic characteristics, evaluate groundwater quality, and evaluate natural attenuation factors. Drake will document well construction procedures and prepare DNR monitoring well construction forms. Drake will also develop the wells in accordance with DNR requirements and prepare DNR monitoring well development forms.

An elevation survey will be completed utilizing conventional leveling methods to determine the ground surface, protective cover, and well casing elevations at each monitoring point. The depth to water in each monitoring well will be measured with an electronic water level probe, and the water table elevation will then be determined. Drake will utilize the surveying and water level data to identify hydrogeologic characteristics and will prepare a diagram depicting water table elevations and the direction of groundwater flow for the site.

3.9 Groundwater Sampling and Analytical Testing

Following development, groundwater samples will be collected and submitted for field and laboratory testing from each monitoring well. The samples will be collected with disposable bailers and transferred to appropriate containers for laboratory analysis. A quality control trip blank will be included with the groundwater samples, and chain of custody documentation will also be maintained for the samples. In accordance with DNR guidelines, the following sampling plan will be utilized:

Analytical Parameter	Analytical Method
Volatile Organic Compounds (VOC)	EPA Method 8021

Drake will compare the laboratory results to standards set forth in Wisconsin Administrative Code NR 140 to evaluate groundwater quality at the site. In addition to analyzing contaminant concentrations, groundwater samples may also be analyzed for additional parameters such as nitrate, sulfate, alkalinity, and dissolved methane in order to evaluate the applicability of natural attenuation as a remedial option.

Groundwater samples will be tested in the field for temperature, pH, and conductivity, and may also be analyzed for natural attenuation indicators such as dissolved oxygen, oxidation-reduction potential, and ferrous iron.

4.0 SITE INVESTIGATION SCHEDULE

4.1 Field Investigation

Upon submittal of this work plan, and following the selection of a drilling contractor and an analytical laboratory, Drake will coordinate the initial soil investigation at the BCCDC Property-Building 16 site. Soil sampling activities are tentatively scheduled to begin in February 2006. If additional phases of fieldwork are necessary to complete the investigation, they will be evaluated and implemented following the collection and analysis of data from the initial field activity.

4.2 Report Preparation

Following the completion of all phases of fieldwork and the receipt of final laboratory analytical results, Drake will prepare a project report. The report will include a discussion of site characteristics, descriptions of site investigation procedures, laboratory and field results, and a detailed analysis of the project results. The report will provide Drake's conclusions regarding the extent and degree of contamination, the presence or absence of risk screening criteria, and recommendations for site closure or for soil and groundwater remediation, as warranted. Drake will also provide copies of diagrams, laboratory reports, and field forms in the report.

4.3 Remedial Action Evaluation

If remediation is found to be warranted, Drake will consider various alternatives, including non-active source control and natural attenuation monitoring, for soil and groundwater remediation as required. Drake will evaluate the alternatives based on technical feasibility, the presence or absence of environmental factors, economic feasibility, timeframe, effectiveness, and regulatory acceptance.

Appendix A

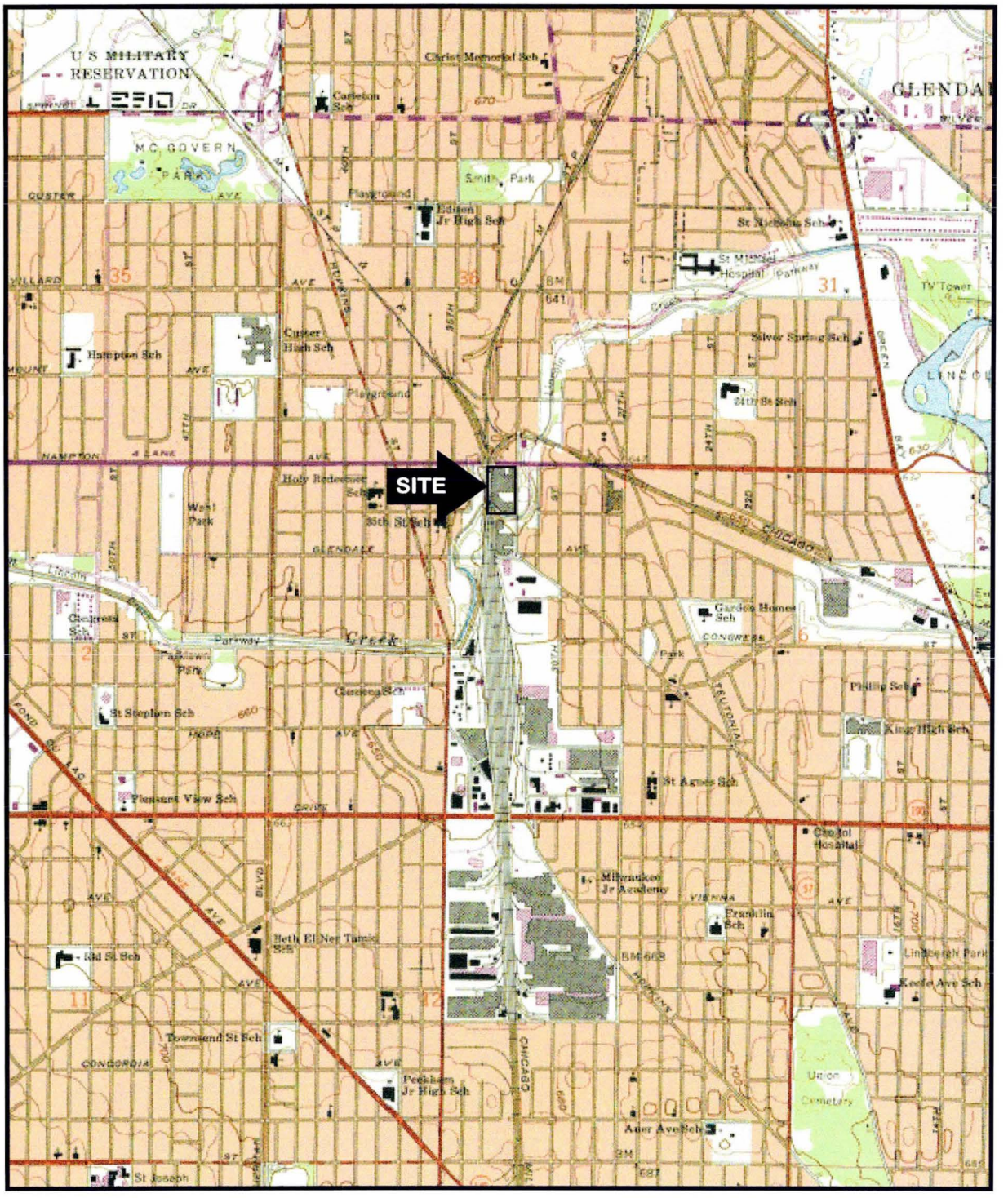
Figure 1 - Vicinity Diagram
Figure 2 – Soil Boring Locations Diagram

Appendix B

Table 1 – HNTB Phase II – SB-11 Soil Sample Analytical Results

Appendix C

Laboratory Analytical Reports
Chain of Custody Forms



MILWAUKEE, WISCONSIN
USGS 7.5 MINUTE QUADRANGLE MAP
CREATED 1958, PHOTOREVISED 1971
NW 1/4 NE 1/4 SEC 1 T7N R21E

NORTH

DIAGRAM SCALE
0 1000 2000
1 INCH = 2000 FEET

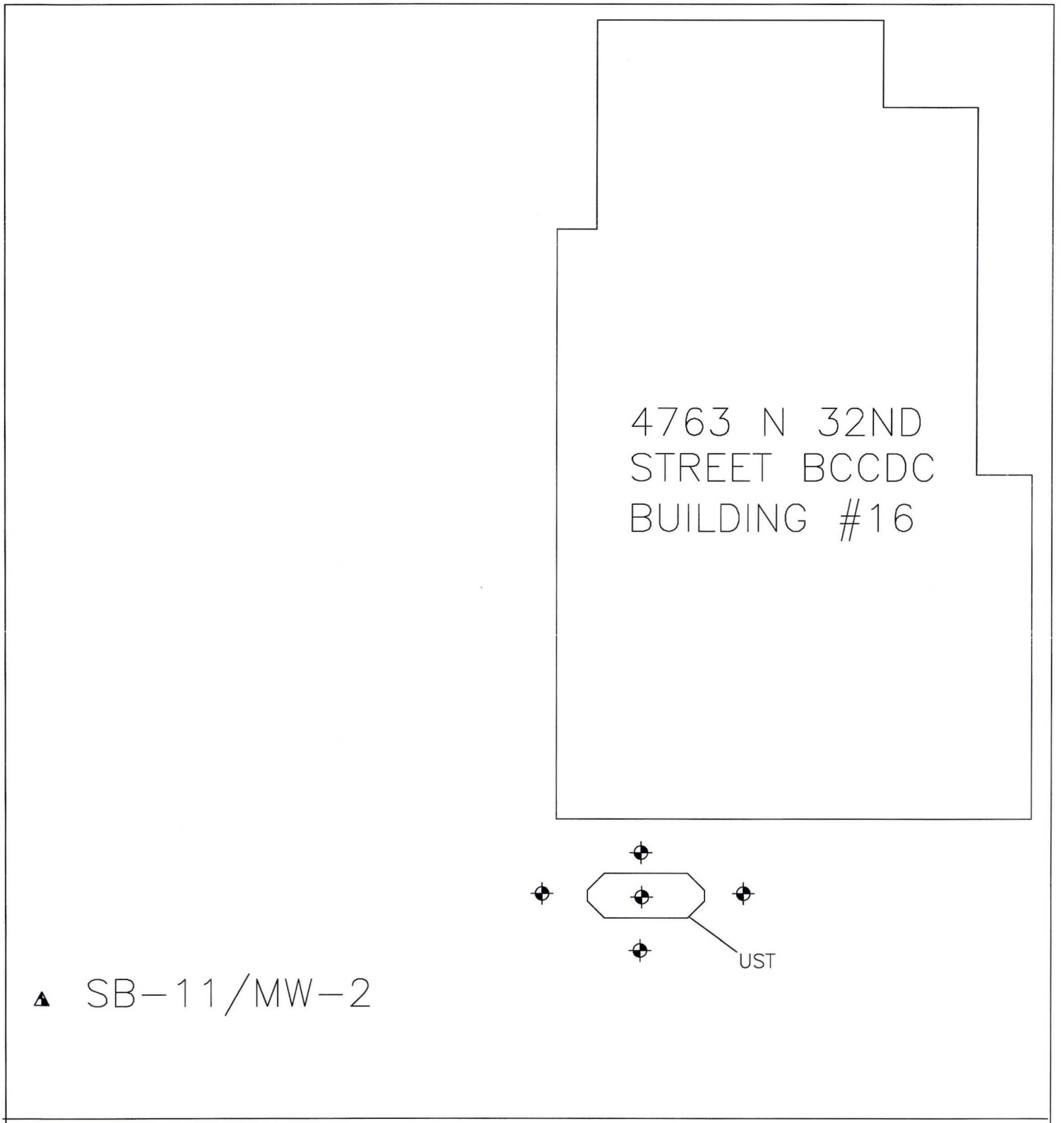
DRAKE ENVIRONMENTAL, INC.

BUILDING NUMBER 16
FORMER GREENEBAUM TANNERY
MILWAUKEE, WISCONSIN

PROJECT NO: J04140	PM: DJB
DRAWN BY: CMC	DATE: 9/23/05
CHKED BY: DJB	DATE: 9/23/05
APRVD BY: DJB	DATE: 9/23/05

VICINITY DIAGRAM

FIGURE 1



PROPOSED SOIL BORING LOCATION

north

NOT TO SCALE

DRAKE ENVIRONMENTAL, INC.

FORMER GREENEBAUM TANNERY BUILDING #16	PROJECT NO: J04140 PM: DJB DRAWN BY: CMC DATE: 7-28-05 CHECKED BY: DJB DATE: 7-28-05 APPRVD BY: DJB DATE: 7-28-05 FILE: J04140	PROPOSED SOIL SAMPLE LOCATIONS DIAGRAM	FIGURE 2

BISHOP'S CREEK CDC-BUILDING No. 16
ANALYTICAL SUMMARY RESULTS
TABLE 1

Soil Boring ID	SB11/ MW02	SB11/ MW02	NR 720 Table 1 Generic RCL
Sample ID	GP11A	GP11B	
Soil Boring Depth (feet)	9-11	11-13	
PARAMETER			
DRO WI Modified (mg/kg)	77.60	21.3	250
GRO WI Modified (mg/kg)	**1,800**	<5.82	250
Detected Volatile Organic Compounds (ug/kg)			
sec-butylbenzene	<1,090	<25	NS
n-butylbenzene	1,350	<25	NS
cis-1,2-dichloroethylene	<1,090	<25	NS
2,2-dichloropropane	<1,090	<25	NS
ethylbenzene	**116,000**	<25	2,900
isopropyl-benzene	3,380	<25	NS
isopropyl-toluene	<1,090	<25	NS
napthalene	<1,090	92.9	NS
n-propyl-benzene	2,380	<25	NS
tetrachloro-etylene	1,360	<25	NS
toluene	**333,000**	<25	1,500
1,2,4-trimethylbenzene	3,550	<25	NS
1,3,5-trimethylbenzene	<1,090	<25	NS
total xylene	**781,000**	ND	4,100

bgs below ground surface
mg/kg parts per million
ug/kg parts per billion
ND not detected above laboratory detection limit
RCL residual contaminant level
NS NR 720 RCL not established for this compound
note: **Bold** values indicated NR 720 RCL exceedances

USFilter

ENVIROCHEM SERVICES
101 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE [illegible]
FACSIMILE [illegible]

Sample Summary

Lab Id	Client Sample ID	Date Sampled	Matrix
031831	3252 00200GP7A	02/24/00	SOIL
031832	3253 00200GP1B	02/24/00	SOIL
031833	3254 MEOH BLANK-USF TB-1	02/24/00	SOIL
031834	3261 00200GP2A	02/24/00	SOIL
031835	3263 00200GP12A	02/24/00	SOIL
031836	3268 00200GP11A	02/24/00	SOIL
031837	3269 00200GP11B	02/24/00	SOIL
031838	3270 00200GP12B	02/24/00	SOIL
031839	3271 00200GP10B	02/24/00	SOIL
031840	3272 00200GP3B	02/24/00	SOIL
031841	3273 00200GP7B	02/24/00	SOIL
031842	3274 00200GP6B	02/24/00	SOIL
031843	3275 00200GP1B	02/24/00	SOIL
031844	3276 00200GP5B	02/24/00	SOIL
031845	3279 00200GP4B	02/24/00	SOIL
031846	3284 MEOH BLANK-USF TB-2	02/24/00	SOIL
031847	3281 00200GP5B	02/24/00	SOIL
031848	3282 00200GP2B	02/24/00	SOIL
031849	3286 00200GP9A	02/24/00	SOIL
031850	3287 00200GP10A	02/24/00	SOIL
031851	3288 00200GP8A	02/24/00	SOIL
031852	3289 00200GP6A	02/24/00	SOIL
031853	3290 00200GP7A	02/24/00	SOIL
031854	3291 00200GP5A	02/24/00	SOIL
031855	3292 00200GP4A	02/24/00	SOIL
031856	3293 00200GP3A	02/24/00	SOIL

Sample Narrative/Sample Status

LOGIN:

GENERAL:

031838 A portion of the ORO sample was used to prepare a total solid and a hexavalent chromium sample container.

ANALYSES:

031831 XXX = Compounds coelute with each other.
031835 VOC dilution due to unknown compound between o-xylene and isopropylbenzene on PID detector.

QA/QC:

031831 - 031856: A QC package has been provided for review.

REPORTING:

USFilter

ENVIRONMENTAL SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 800-338-7225
FACSIMILE 715-359-0221

#16

Milwaukee Metro Sewerage Dist.
250 W. Seeboth Street
Milwaukee, WI 53204

PROJECT NO.: 00030 SPE
SAMPLED BY : Client
DATE REC'D : 02/26/00
REPORT DATE: 03/03/00
PREPARED BY: EPM

SB-11
SP-11A

Attn: Jeffrey Schilling

Sample ID: 3268 00200 Matrix: SOIL Sample Date: 02/24/00 Lab No. 031836

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021 (Only positively identified analytes are reported on a dry weight basis.)								
Vinyl Chloride	<1.09	mg/kg	0.009	0.03	54.3	CSH	02/29/00	LMP
m- & p-Xylene	592.	mg/kg	0.008	0.0266	217.2		02/29/00	LMP
o-Xylene & Styrene	189.	mg/kg	0.005	0.0167	217.2		02/29/00	LMP
Bromochloromethane	<1.09	mg/kg	0.014	0.0466	54.3		02/29/00	LMP
Bromoform	<1.09	mg/kg	0.011	0.0366	54.3		02/29/00	LMP
Bromomethane	<1.09	mg/kg	0.012	0.04	54.3		02/29/00	LMP
Dibromomethane	<1.09	mg/kg	0.01	0.0333	54.3		02/29/00	LMP
1,1-Dichloropropene	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
trans-1,3-dichloropro(yl)e	<1.09	mg/kg	0.006	0.02	54.3		02/29/00	LMP
Styrene	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
1,1,1,2-Tetrachloroethane	<1.09	mg/kg	0.011	0.0366	54.3		02/29/00	LMP
1,2,3-Trichloropropane	<1.09	mg/kg	0.011	0.0366	54.3		02/29/00	LMP
EPA 8082								
PCB-1016	<119.	µg/kg	10.0	33.3	10	SL	02/29/00	CKV
PCB-1221	<31.0	µg/kg	2.6	8.66	10	SL	02/29/00	CKV
PCB-1232	<53.6	µg/kg	4.5	15.0	10	SL	02/29/00	CKV
PCB-1242	<71.5	µg/kg	6.0	20.0	10	SL	02/29/00	CKV
PCB-1248	<36.9	µg/kg	3.1	10.3	10	SL	02/29/00	CKV
PCB-1254	<59.6	µg/kg	5.0	16.7	10	SL	02/29/00	CKV
PCB-1260	<16.7	µg/kg	1.4	4.66	10	SL	02/29/00	CKV
PCB Soil/Solid Extraction	COMP		-	-	-		02/28/00	CKV
EPA 8270								
Acenaphthene	0.225	mg/kg	0.07	0.233	1	J	02/29/00	MRD
Acenaphthylene	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
Anthracene	0.428	mg/kg	0.06	0.2	1		02/29/00	MRD
Benzo(b)fluoranthene	0.178	mg/kg	0.08	0.266	1	J CSH	02/29/00	MRD
Benzo(k)fluoranthene	0.0989	mg/kg	0.05	0.167	1	J	02/29/00	MRD
Benzo(g,h,i)perylene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Benzo(a)pyrene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Chrysene	0.12	mg/kg	0.07	0.233	1	J	02/29/00	MRD
Dibenzo(a,h)anthracene	<0.0715	mg/kg	0.06	0.2	1		02/29/00	MRD
Benzidine	<0.369	mg/kg	0.31	1.03	1	CSL	02/29/00	MRD
Benzylbutylphthalate	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
Bis(2-Chloroethoxy)Methane	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Bis(2-Chloroethyl)Ether	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Bis(2-Ethylhexyl)Phthalate	0.114	mg/kg	0.08	0.266	1	J LBC	02/29/00	MRD
Bis(2-Chloroisopropyl)Ether	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
4-Bromophenyl Phenyl Ether	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
4-Chlorophenyl Phenyl Ether	<0.0715	mg/kg	0.06	0.2	1		02/29/00	MRD
4-Chloro-3-methylphenol	<0.322	mg/kg	0.27	0.899	1		02/29/00	MRD
2-Chlorophenol	<0.298	mg/kg	0.25	0.833	1		02/29/00	MRD
2,4-Dinitrophenol	<0.191	mg/kg	0.16	0.533	1		02/29/00	MRD
Di-n-butylphthalate	<0.107	mg/kg	0.09	0.3	1		02/29/00	MRD
3,3'-Dichlorobenzidine	<0.465	mg/kg	0.39	1.3	1		02/29/00	MRD
Diethyl Phthalate	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Dimethyl Phthalate	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
2,4-Dinitrotoluene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
2,6-Dinitrotoluene	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
Di-n-octylphthalate	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
1,2-Diphenylhydrazine	<0.107	mg/kg	0.09	0.3	1		02/29/00	MRD

All results calculated on a dry weight basis.

USFilter

ENVIROSCAN SERVICES
101 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

#16

TELEPHONE [illegible]
FACSIMILE [illegible]

Milwaukee Metro Sewerage Dist.
250 W. Seeboth Street
Milwaukee, WI 53204

PROJECT NO.: 00030 SPS
SAMPLED BY : Client
DATE REC'D : 02/26/00
REPORT DATE: 03/03/00
PREPARED BY: EPM

SB-11
GP11A

Attn: Jeffrey Schilling

Sample ID: 3268 00200 Matrix: SOIL Sample Date: 02/24/00 Lab No. 031836

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 7196								
Hexavalent Chromium	<0.358	mg/kg	0.3	0.999	1	SPL	03/03/00	BMS
EPA 8021 (Only positively identified analytes are reported on a dry weight basis.)								
Benzene	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
Bromobenzene	<1.09	mg/kg	0.008	0.0266	54.3		02/29/00	LMP
Bromodichloromethane	<1.09	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
n-Butylbenzene	1.35	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
sec-Butylbenzene	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
tert-Butylbenzene	<1.09	mg/kg	0.003	0.00999	54.3		02/29/00	LMP
Carbon Tetrachloride	<1.09	mg/kg	0.006	0.02	54.3		02/29/00	LMP
Chlorobenzene	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
Chlorodibromomethane	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
Chloroethane	<1.09	mg/kg	0.012	0.04	54.3	CSH	02/29/00	LMP
Chloroform	<1.09	mg/kg	0.016	0.0533	54.3		02/29/00	LMP
Chloromethane	<1.09	mg/kg	0.011	0.0366	54.3		02/29/00	LMP
o-Chlorotoluene	<1.09	mg/kg	0.012	0.04	54.3		02/29/00	LMP
p-Chlorotoluene	<1.09	mg/kg	0.014	0.0466	54.3		02/29/00	LMP
1,2-Dibromo-3-chloropropane	<1.09	mg/kg	0.019	0.0633	54.3	CSL	02/29/00	LMP
1,2-Dibromoethane	<1.09	mg/kg	0.006	0.02	54.3		02/29/00	LMP
1,2-Dichlorobenzene	<1.09	mg/kg	0.007	0.0233	54.3		02/29/00	LMP
1,3-Dichlorobenzene	<1.09	mg/kg	0.011	0.0366	54.3		02/29/00	LMP
1,4-Dichlorobenzene	<1.09	mg/kg	0.013	0.0433	54.3		02/29/00	LMP
Dichlorodifluoromethane	<1.09	mg/kg	0.017	0.0566	54.3	CSH LCL	02/29/00	LMP
1,1-Dichloroethane	<1.09	mg/kg	0.006	0.02	54.3		02/29/00	LMP
1,2-Dichloroethane	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
1,1-Dichloroethylene	<1.09	mg/kg	0.007	0.0233	54.3		02/29/00	LMP
cis-1,2-Dichloroethylene	<1.09	mg/kg	0.007	0.0233	54.3		02/29/00	LMP
trans-1,2-Dichloroethylene	<1.09	mg/kg	0.009	0.03	54.3		02/29/00	LMP
1,2-Dichloropropane	<1.09	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
1,3-Dichloropropane	<1.09	mg/kg	0.017	0.0566	54.3		02/29/00	LMP
2,2-Dichloropropane	<1.09	mg/kg	0.012	0.04	54.3		02/29/00	LMP
Ethylbenzene	116.	mg/kg	0.007	0.0233	54.3		02/29/00	LMP
Hexachlorobutadiene	<1.09	mg/kg	0.008	0.0266	54.3		02/29/00	LMP
Isopropylbenzene	3.38	mg/kg	0.006	0.02	54.3		02/29/00	LMP
Isopropyl Ether	<1.09	mg/kg	0.017	0.0566	54.3		02/29/00	LMP
p-Isopropyltoluene	<1.09	mg/kg	0.006	0.02	54.3		02/29/00	LMP
Methyl tert Butyl Ether	<1.09	mg/kg	0.018	0.0599	54.3	CSH LCH	02/29/00	LMP
Methylene Chloride	<1.09	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
Naphthalene	<1.09	mg/kg	0.018	0.0599	54.3		02/29/00	LMP
n-Propylbenzene	2.38	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
Tetrachloroethylene	1.36	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
1,1,2,2-Tetrachloroethane	<1.09	mg/kg	0.008	0.0266	54.3	CSL	02/29/00	LMP
Toluene	333.	mg/kg	0.008	0.0266	217.2		02/29/00	LMP
1,2,3-Trichlorobenzene	<1.09	mg/kg	0.015	0.05	54.3	LCH	02/29/00	LMP
1,2,4-Trichlorobenzene	<1.09	mg/kg	0.013	0.0433	54.3	LCH DUP	02/29/00	LMP
1,1,1-Trichloroethane	<1.09	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
1,1,2-Trichloroethane	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
Trichloroethylene	<1.09	mg/kg	0.005	0.0167	54.3	LCH	02/29/00	LMP
Trichlorofluoromethane	<1.09	mg/kg	0.007	0.0233	54.3	CSH	02/29/00	LMP
1,2,4-Trimethylbenzene	3.55	mg/kg	0.007	0.0233	54.3		02/29/00	LMP
1,3,5-Trimethylbenzene	<1.09	mg/kg	0.005	0.0167	54.3		02/29/00	LMP

All results calculated on a dry weight basis.

USFilter

ENVIRONMENTAL SERVICES
101 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE
FACSIMILE

#16

Milwaukee Metro Sewerage Dist.
250 W. Seeboth Street
Milwaukee, WI 53204

PROJECT NO.: 00030 SPE
SAMPLED BY : Client
DATE REC'D : 02/26/00
REPORT DATE: 03/03/00
PREPARED BY: EPM

GPIIA
SB-11

Attn: Jeffrey Schilling

Sample ID: 3268 00200 Matrix: SOIL Sample Date: 02/24/00 Lab No. 031836

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8270								
Fluoranthene	1.07	mg/kg	0.09	0.3	1		02/29/00	MRD
Fluorene	0.148	mg/kg	0.07	0.233	1	J	02/29/00	MRD
Isophorone	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Indeno(1,2,3-cd)pyrene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Nitrobenzene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
N-Nitrosodimethylamine	<0.155	mg/kg	0.13	0.433	1		02/29/00	MRD
N-Nitrosodiphenylamine	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
N-Nitrosodi-n-propylamine	<0.107	mg/kg	0.09	0.3	1		02/29/00	MRD
Phenanthrene	0.492	mg/kg	0.06	0.2	1		02/29/00	MRD
Pyrene	0.666	mg/kg	0.09	0.3	1		02/29/00	MRD
Phenol	<0.298	mg/kg	0.25	0.833	1		02/29/00	MRD
Pyridine	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Aniline	<0.0596	mg/kg	0.05	0.167	1		02/29/00	MRD
Benzo(a)anthracene	<0.107	mg/kg	0.09	0.3	1		02/29/00	MRD
Benzyl Alcohol	<0.0715	mg/kg	0.06	0.2	1		02/29/00	MRD
2-Chloronaphthalene	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
2,4-Dichlorophenol	<0.405	mg/kg	0.34	1.13	1		02/29/00	MRD
2,4-Dimethylphenol	0.397	mg/kg	0.21	0.699	1	J	02/29/00	MRD
1,2-Dichlorobenzene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
1,3-Dichlorobenzene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
1,4-Dichlorobenzene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Hexachlorobutadiene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Hexachloroethane	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
2-Methylnaphthalene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
2-Methyl-4,6-Dinitrophenol	<0.226	mg/kg	0.19	0.633	1		02/29/00	MRD
2-Methylphenol	<0.31	mg/kg	0.26	0.866	1		02/29/00	MRD
3-, & 4-Methylphenol	0.409	mg/kg	0.26	0.866	1	J	02/29/00	MRD
Naphthalene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
2-Nitrophenol	<0.286	mg/kg	0.24	0.799	1		02/29/00	MRD
4-Nitrophenol	<0.191	mg/kg	0.16	0.533	1		02/29/00	MRD
Pentachlorophenol	<0.298	mg/kg	0.25	0.833	1		02/29/00	MRD
1,2,4,-Trichlorobenzene	<0.0715	mg/kg	0.06	0.2	1		02/29/00	MRD
2,4,6-Trichlorophenol	<0.31	mg/kg	0.26	0.866	1		02/29/00	MRD
2,4,5-Trichlorophenol	<0.369	mg/kg	0.31	1.03	1		02/29/00	MRD
Hexachlorobenzene	<0.0715	mg/kg	0.06	0.2	1		02/29/00	MRD
Hexachlorocyclopentadiene	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
Benzoic Acid	<0.238	mg/kg	0.2	0.666	1		02/29/00	MRD
4-Chloroaniline	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
2-Nitroaniline	<0.119	mg/kg	0.1	0.333	1		02/29/00	MRD
3-Nitroaniline	<0.107	mg/kg	0.09	0.3	1		02/29/00	MRD
Dibenzofuran	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
4-Nitroaniline	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
Solid Organic Extraction	COMP		-	-	-		02/29/00	CKV
MOSA21-2								
Total Solids	83.9	%	-	-	-		02/29/00	LMW
WI DNR								
Soil Diesel Range Organics	77.6	mg/kg	2.15	7.16	1	LCL D2A D5	02/29/00	DJB
Soil Org Ext - DRO	COMP		-	-	-		02/29/00	CKV
Soil Gasoline Range Organic	1,800.	mg/kg	2.0	6.66	217.2	G2	03/02/00	LMP

All results calculated on a dry weight basis.

00038TS 00038 TS

REQUEST FOR SERVICES USFilter

MIROSCAN SERVICES 301 W. MILITARY RD. ROTHSCHILD, WI 54474 1-800-338-SCAN

PORT TO:
me: Jeff Schilling
mpany: Milw Metro Sew Dist
dress: 250 W Seeboth St
Milw WI 53204
one: (414) 277-6369
#: B051588
ject # _____ Quote # _____
ation _____

BILL TO: (if different from Report To info)
Name: Sue Crawley
Company: Milw Metro Sew Dist
Address: 250 W Seeboth St
Milw WI 53204
Phone: (414) 277-6376
FAX 414 225-2266

Sample Type
(Check all that apply)
- [x] Groundwater
- [ ] Wastewater
- [ ] Soil/Solid
- [ ] Drinking Water
- [ ] Oil
- [ ] Vapor
- [ ] Other

Turnaround Time
- [x] Normal
- [x] Rush (Pre-approved by Lab)

per E. Waldner + E. Martin

Date Needed _____
Approved By _____

QA Package

ANALYTICAL REQUESTS
(use separate sheet if necessary)

USE ONLY	DATE	TIME	No. of Containers COMP	No. of Containers GRAB	SAMPLE ID	VOC's SW 846 : 8260		Hex Chrome SW 846 : 7195			REMARKS
32597	3/6/00			3	3412/00200 10:50 AM	X		X			See Attached
32598	3/6/00			3	3413/00200 11:10 AM	X		X			
32599	3/6/00			1	3416/00200	X			trip blank		

CHAIN OF CUSTODY RECORD

ERS: (Signature) HNTB / MMSD

QUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Crawley	3/6/00	
QUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)

Deliv.: Hand Comm.
Ship. Cont. OK? Y N N/A
Samples leaking? Y N N/A
Seals OK? Y N N/A
Rec'd on ice? Y N N/A °C

Comments: Crtl to take down
VOC's in for 5 days on
Fric. to inform Mike.

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128
FAX 414-263-8606
Telephone 414-263-8500
TTY Access via relay - 711

August 23, 2005

Bishop's Creek CDC
Quarles & Brady Attn: George Marek
411 East Wisconsin Ave
Milwaukee, WI 53202-4497

Subject: Reported Contamination at Bishop's Creek-Kaiser Site, Former Greenebaum Tannery Building #16, 4763 North 32nd Street, Milwaukee, WI

FID: 341055770
BRRTS: 03-41-543815

Dear Mr. Marek:

On August 18, 2005, Drake Environmental on behalf of Bishops Creek Community Development Corporation (Bishop's Creek CDC) notified the Wisconsin Department of Natural Resources ("the Department") that petroleum (GRO, gasoline) soil contamination had been detected at the site described above based on historical soil analysis.

Based on the information that has been submitted to the WDNR regarding this site, we believe Bishop's Creek CDC is responsible for investigating and restoring the environment at the above-described site under Section 292.11, Wisconsin Statutes, known as the hazardous substances spills law.

This letter describes the legal responsibilities of a person who is responsible under section 292.11, explains what you need to do to investigate and clean up the contamination, and provides you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the WDNR and Department of Commerce ("Commerce").

Legal Responsibilities:

Bishop's Creek CDC legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

- RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Code chapters NR 700 through NR 749 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:

The longer contamination is left in the environment, the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first three steps to take:

1. Within the next **30 days,** by, September 23, 2005, you should submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. If you do not take action within this time frame, the WDNR may initiate enforcement action against you.

2. Within the next **60 days,** by, October 23, 2005, your consultant should submit a work plan and schedule for the investigation. The consultant must comply with the requirements in the NR 700 rule series and should refer to WDNR technical guidance documents. To facilitate prompt agency review of your reports, your consultant should use the site investigation and closure formats which are available on-line at www.dnr.state.wi.us.

   Once an investigation has established the degree and extent of contamination at your site, your consultant will be able to determine whether Commerce or the WDNR has authority over the case.

3. Within 30 days of completion of the site investigation, you or your consultant must provide a brief report at least every 90 days as required by s. NR 724.13 (3), Wis. Adm. Code. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. Should conditions at your site warrant, we may require more frequent contacts.

4. Sites where discharges to the environment have been reported are entered into the Bureau for Remediation and Redevelopment Tracking System ("BRRTS"), a version of which appears on the WDNR's internet site. You may view the information related to your site at any time (http://www.dnr.state.wi.us/org/aw/rr/brrts) and use the feedback system to alert us to any errors in the data.

If you want a formal response from the agency on a specific submittal, please be aware that a review fee is required in accordance with ch. NR 749, Wis. Adm. Code. If a fee is not submitted with your reports, you should proceed under the advice of your consultant to complete the site investigation to maintain your compliance with the spills law and chapters NR 700 through NR 749. **Do not delay the investigation of your site by waiting for an agency response.** We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative rules and should be able to answer your questions on meeting cleanup requirements.

All correspondence regarding this site should be sent to:

Vicky Stovall
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2300 Dr M L King Dr
Milwaukee, WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers (if assigned) shown at the top of this letter.

Thank you for your cooperation.

Sincerely,

John J. Hnat, P. G.
Senior Hydrogeologist
Remediation and Redevelopment
SER HQ

cc: Chelsea Corson, Drake Environmental
WDNR SER Files

Fax Transmittal

Bldg #16

Fax Number: 263 8606

To: J. HNAT

Company: DNR

Department: R&R

From: CHELSEA CORSON

Date: 8/18/05 Time: 11:45 AM

RE: BCCDC FAX NOTIFICATIONS

Subject: HI J – PLEASE FIND ATTACHED THE TWO FAX NOTIFICATION FORMS FOR THE TWO SEPARATE LUST SITES FOR BCCDC.
#16 LOCATED AT 4763 N. 32nd STREET
& #17 LOCATED AT 4715 N. 32nd STREET
AS YOU & I DISCUSSED, EACH SITE REQUIRES A SEPARATE LUST ID NUMBER. UPON REVIEWING THIS INFORMATION AND ASSIGNING THE ID'S, PLEASE CALL ME SO THAT I MAY CONTACT COMMERCE FOR PECFA ELIGIBILITY.

Respond By:

BEST REGARDS,
Chelsea

RECEIVED AUG 19 2005 By

20 Number of pages being transmitted. (Including cover sheet)

341 055770
03-41-543815

Please call 414-384-1440 if all pages are not received.

S:\drakeenvfax.doc

DRAKE Environmental Inc.

384-1440

530 S. 11th Street
Milwaukee, WI 53204
Phone: (414) ~~384-1440~~

Fax (414) 384-4344

ext. 122

www.drake.cc
email@drake.cc

State of Wisconsin
Department of Natural Resources

Fax Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (07-03) Page 1 of 2

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: **Hazardous substance discharges must be reported immediately** according to the "Spills Law", s. 292.11 Wis. Stats., Section NR 706.05(1)(b), Wis. Adm. Code, requires that hazardous substance discharges are to be reported by one of three methods: telephoning the Department (toll free Spill Hotline number above), telefaxing a report to the Department or visiting a Department office in person. If you choose to notify the Department by telefax, you should use this form to be sure that all necessary information is included. However use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than $10 nor more than $5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.). Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** FAX it to the appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from **(check one):**

- [x] Underground Petroleum Storage Tank System
- [ ] Aboveground Petroleum Storage Tank System
- [ ] Dry Cleaner Facility (DERP eligibility based on: ☐ Facility owner/operator ☐ Property owner of licensed facility)
- [ ] Other - Describe:

TO DNR, ATTN: **R & R Program Assistant**		(Area Code) FAX Number

1. Discharge reported by:

Name DJ BURNS	Firm DRAKE ENVIRONMENTAL	Date FAXed to DNR AUG 18 05
Mailing Address 530 SOUTH ELEVENTH STREET MILWAUKEE, WI 53204		(Area Code) Phone Number 414 384 1440

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence / vacant property FORMER GREENEBAUM TANNERY BUILDING #16 LUST GREENEBAUM

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60
4763 NORTH 32ND STREET MILWAUKEE WI 53209

Municipality (City, Village, Township) Specify municipality in which the site is located, not mailing address/city
MILWAUKEE

County: MILWAUKEE	Legal Description: NW 1/4, NW 1/4, Section 1, Tn 7N, Range 21 (E)/ W (circle one)

3. Responsible Party (RP) and/or RP Representative

☐ Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all Attach additional pages as necessary
BISHOP'S CREEK CDC

☐ Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/org/aw/rr/liability/muni_1.html

Contact Person Name (if different) ATTORNEY GEORGE NAREK		Phone Number 414 277 5537	
Mailing Address QUARLES & BRADY, LLP 411 EAST WISCONSIN ~~STREET~~ AVENUE	City MILWAUKEE	State WI	ZIP Code 53202-4497

43° 6' 13"
87° 57' 13"

Barts
03-41-543815
FID 341 055 770

(continued)

State of Wisconsin
Department of Natural Resources

Fax Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (07-03) Page 2 of 2

4. Hazardous Substance Impact Information

Identify hazardous substance discharged (check all that apply):

METALS
- ☐ Arsenic
- ☐ Chromium
- ☐ Lead
- ☐ Mercury
- ☐ Metals (specify): _____

SOLVENTS
- ☐ Solvent-Chlorinated
- ☐ Solvent-Non Chlorinated
- ☐ PERC
- ☐ VOC's

INDUSTRIAL CHEMICALS
- ☐ Ammonia
- ☐ Cyanide
- ☐ Paint
- ☐ PCB's
- ☐ VOC's
- ☐ Fertilizers
- ☐ Pesticide/Herbicide/Insecticide(s)
- ☐ Leachate
- ☐ RCRA Hazardous Waste

PETROLEUM
- ■ Diesel/Fuel Oil POSSIBLE
- ☐ Engine Oil/Waste Oil
- ☐ Mineral/Transmission/Hydraulic Oil
- ■ Gasoline (Pb/Non-Pb/Unknown)
- ☐ Jet Fuel/Kerosene
- ☐ MTBE
- ☐ VOC's
- ☐ PAH's/SVOC
- ☐ Petroleum-Unknown Type
- ☐ Unknown
- ☐ Other (specify): _____

Impacts to the environment (enter "K" for known/confirmed or "P" for potential for all that apply)

- ___ Air Contamination
- ___ Co-contamination
- ___ Concrete/Asphalt
- ___ Contained/Recovered
- ___ Contamination Within 1 Meter of Bedrock
- ___ Contaminated Private Well
- ___ Contaminated Public Well
- ___ Contamination In Fractured Bedrock
- ___ Contamination in Right of Way
- ___ Direct Contact
- ___ Expanding Plume
- ___ Fire Explosion Threat
- ___ Free Product
- P Groundwater Contamination
- ___ Off-Site Contamination
- ___ Other
- ___ Sanitary Sewer Contamination
- K Soil Contamination
- ___ Storm Sewer Contamination
- P Surface Water Contamination
- ___ Within 100 ft of Private Well
- ___ Within 1000 ft of Public Well

Contamination was discovered as a result of:

☐ Tank closure assessment — Date
■ Site assessment — Date
Other – Describe: — Date

Lab results:

☐ Lab results will be faxed upon receipt
■ Lab results are attached HISTORICAL DATA PROVIDED FOR LUST PURPOSES

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

FAX numbers to report non-emergency releases in DNR's five regions are as follows:

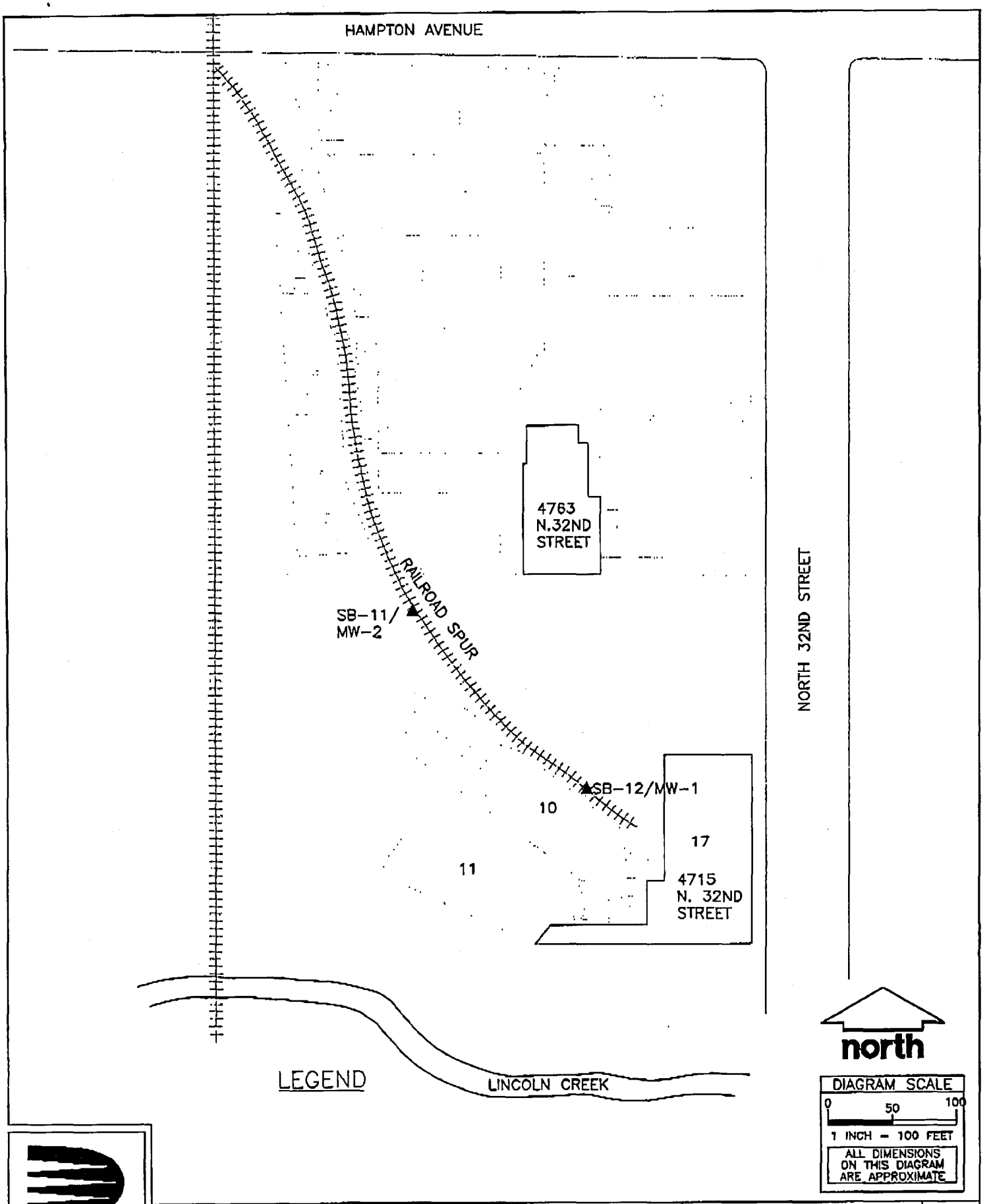
Northeast Region (920-662-5197); Attention - RR Program Assistant:
Brown, Calumet, Door, Fond du Lac *(except City of Waupun - see South Central Region)*, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago counties

Northern Region (715-365-8932); Attention - RR Program Assistant:
Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties

South Central Region (608-275-3338); Attention - RR Program Assistant:
Columbia, Dane, Dodge, Fond du Lac *(City of Waupun only)*, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk counties

Southeast Region (414-263-8483); Attention - RR Program Assistant:
Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha counties

West Central Region (715-839-6076); Attention – RR Program Assistant:
Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties



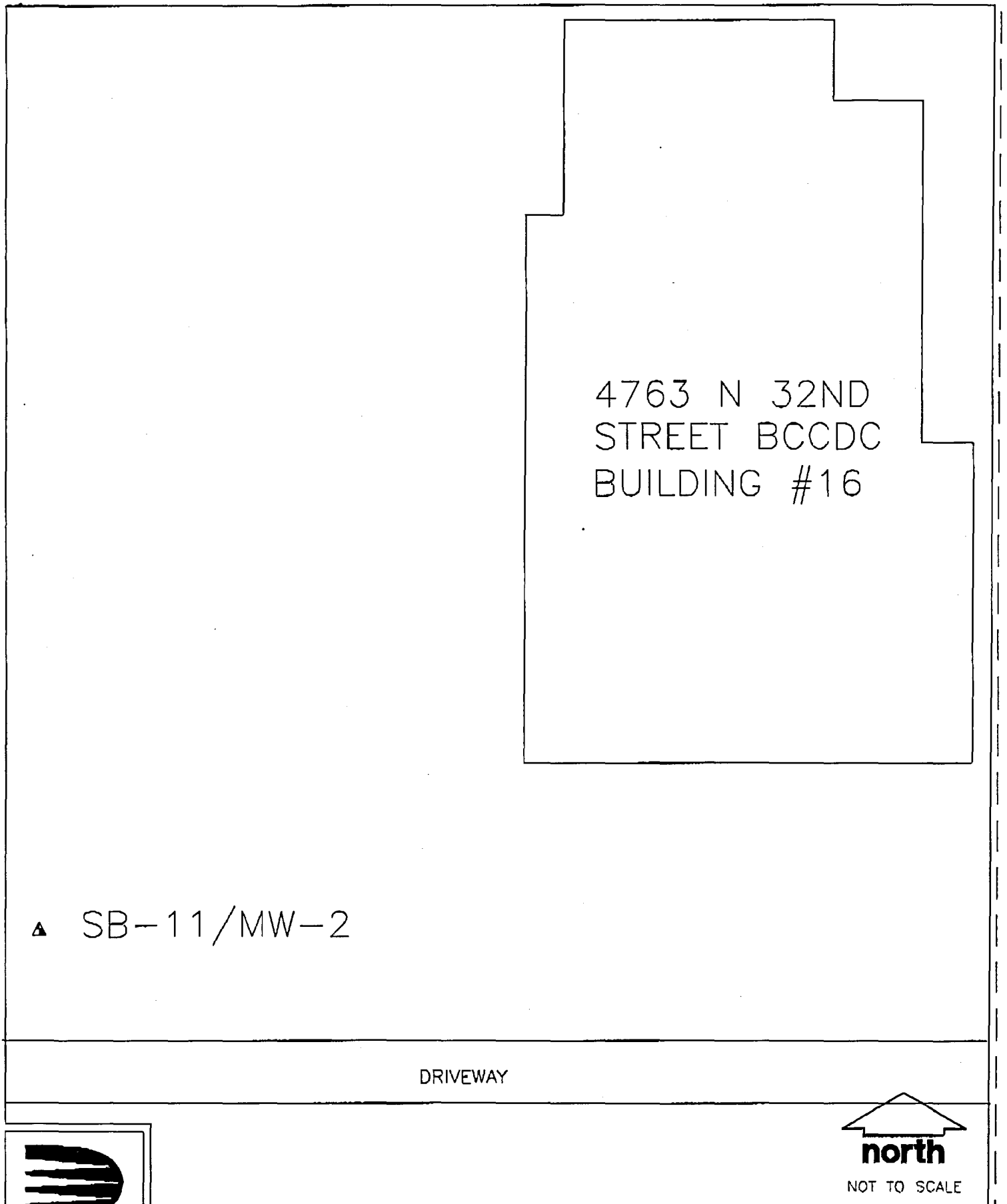
DRAKE ENVIRONMENTAL, INC.

BISHOP'S CREEK CDC BROWNFIELD REDEVELOPMENT SITE– FORMER GREENEBAUM TANNERY MILWAUKEE, WISCONSIN

PROJECT NO: J04013	PM: DJB
DRAWN BY: MLP	DATE: 3/4/04
CHECKED BY:	DATE:
APPRVD BY:	DATE:
FILE: J04013-NOR	

SITE DIAGRAM

FIGURE 1



DRAKE ENVIRONMENTAL, INC.

BISHOP'S CREEK CDC BROWNFIELD REDEVELOPMENT SITE #16-FORMER GREENEBAUM TANNERY

PROJECT NO: J04140	PM: DJB
DRAWN BY: CMC	DATE: 7-28-05
CHECKED BY: DJB	DATE: 7-28-05
APPRVD BY: DJB	DATE: 7-28-05
FILE: J04140-NOR	

BUILDING #16 SITE DIAGRAM

FIGURE 1

Table 1

Soil Sample Analytical Results

Kaiser Property - MMSD

4763 North 32nd Street

Milwaukee, Wisconsin

Soil Boring ID	Sample ID	Depth (feet bgs)	DRO WI Modified (mg/kg)	GRO WI Modified (mg/kg)	Detected Volatile Organic Compounds (EPA Method 8021) (ug/kg)													
					sec-Butylbenzene	n-Butylbenzene	cis-1,2-Dichloroethylene	1,2-Dichloropropane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Tetrachloroethylene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes
SB01	GP1A	2-4	<5.2	<5.2	<25	<25	58.7	58.7	64.2	<25	<25	<25	<25	<25	<25	<25	<25	296
	GP1B	10-12	<6.59	<6.59	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
SB02	GP2A	4-6	<6.61	50.6	52.5	<25	<25	<25	18,900	714	48.4	<25	584	<25	37.1	1,230	<25	19,200
	GP2B	10-12	15.7	<5.52	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
SB03	GP3A	4-6	6.97	<5.91	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
	GP3B	10-12	14.5	<5.35	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
SB04	GP4A	6-8	<5.84	<5.84	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
	GP4B	10-12	23.8	<6.09	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
SB05	GP5A	2-4	<6.27	<6.27	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
	GP5B	10-12	47.5	<5.79	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
SB06	GP6A	9-2	419	<5.77	<25	14.4	<25	<25	<25	<25	<25	142	<25	<25	64.4	54	<25	171.3
	GP6B	2-4	8.47	<5.05	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
SB07	GP7A	3-4	17.2	<5.92	<25	<25	<25	<25	<25	<25	<25	56.9	<25	<25	<25	<25	<25	ND
	GP7B	12-14	<6.08	<6.08	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
SB08	GP8A	2-4	157	<5.66	<25	<25	<25	<25	<25	<25	<25	43	<25	<25	<25	<25	<25	ND
	GP8B	10-12	32.3	<5.95	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
SB09/ MW04	GP9A	1-3	3.11	6.08	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
	GP9B	13-15	<6.48	<6.48	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
SB10/ MW03	GP10A	3-5	55.4	<5.93	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
	GP10B	21-23	11.5	<6.45	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
SB11/ MW02	GP11A	9-11	77.6	1,800	<1090	1,350	<1090	<1090	116,000	3380	<1090	<1090	2,380	1,360	333,000	3,550	<1090	781,000
	GP11B	11-13	21.3	<5.82	<25	<25	<25	<25	<25	<25	<25	92.9	<25	<25	<25	<25	<25	ND
SB12/ MW01	GP12A	1-3	483	70.9	<104	<104	<104	<104	<104	<104	787	<104	<104	<104	<104	<104	<104	ND
	GP12B	9-11	7.16	<6.05	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	ND
NR 720 Generic Residual Contaminant Levels			250*	250*	NS	NS	NS	NS	2,900	NS	NS	NS	NS	NS	1,200	NS	NS	4,160

below ground surface
= Milligrams per kilogram
= Micrograms per kilogram
detected above laboratory detection limit (<detection limit)

* Based on NR720 - Estimated Hydraulic Conductivity < 10^{-4}
NS = NR720 Residual Contaminant Level not established for this compound
Bold values indicate NR 720 Residual Contaminant Level exceedances

I-NT3-Contamination

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

HNTB

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

#116

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MSD- Kaiser Building		SB11/MW-02

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Kevin- Briohn Environmental Contractor	02 / 24 / 00 (mm dd yy)	02 / 24 / 00 (mm dd yy)	4 1/4" HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			dry Feet MSL	646.96 Feet MSL	8 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N | Lat __° __' __"
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W | Long __° __' __"

Local Grid Location
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/or Village
	Milwaukee		City of Milwaukee

Sample Number and Type	Length Att & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength on disturbed samples	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				FILL - Mix of silt, sand and gravel, soft, tan and brown to black and gray, wet	HF									
-3 S	12/24	R	2	Refusal at 2.5'- Cobble in tip				0						
-5 S	12/24	14	4	3.00' SILTY CLAY with GRAVEL - Medium stiff, dark brown, wet to moist, tan and light brown mottles, some fine gravel, occasional cobbles, strong petroleum odor noted	CL			499						Collected Sample
-7 S	24/24	12	6	5.00' SILTY CLAY - Very stiff, brown, moist, some to fine gravel, trace of coarse gravel, gray, pink and tan mottles noted, petroleum odor noted	CL			19						
7-9 SS	24/24	14	8					4.1						
-11 SS	24/24	7	10					0						
-13 SS	24/24	6	12	10.50' SILTY CLAY - Medium stiff, gray, moist, trace of fine and coarse gravel	CL			0						Collected Sample
-15 SS	24/24	6	14					0						
-17 SS	24/24	7	16					0						
-19 SS	24/24	6	18					0						
			20	End of Boring @ 20 Feet Well Set @ 20 Feet										
			22											
			24											

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

Signature [illegible] Firm HNTB

KEY

USFilter

ENVIROSCAN SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 800-338-7226
FACSIMILE 715-355-3221

Sample Summary

Lab Id	Client Sample ID	Date Sampled	Matrix
031831	3252 00200GP1A	02/24/00	SOIL
031832	3253 00200GP1B	02/24/00	SOIL
031833	3254 MEOH BLANK-USF TB-1	02/24/00	SOIL
031834	3261 00200GP12A	02/24/00	SOIL
031835	3263 00200GP12A	02/24/00	SOIL
031836	3268 00200GP11A	02/24/00	SOIL
031837	3269 00200GP11B	02/24/00	SOIL
031838	3270 00200GP12B	02/24/00	SOIL
031839	3271 00200GP10B	02/24/00	SOIL
031840	3272 00200GP8B	02/24/00	SOIL
031841	3273 00200GP7B	02/24/00	SOIL
031842	3274 00200GP6B	02/24/00	SOIL
031843	3275 00200GP1B	02/24/00	SOIL
031844	3276 00200GP5B	02/24/00	SOIL
031845	3279 00200GP4B	02/24/00	SOIL
031846	3280 MEOH BLANK-USF TP-2	02/24/00	SOIL
031847	3281 00200GP3B	02/24/00	SOIL
031848	3282 00200GP2B	02/24/00	SOIL
031849	3286 00200GP9A	02/24/00	SOIL
031850	3287 00200GP10A	02/24/00	SOIL
031851	3288 00200GP8A	02/24/00	SOIL
031852	3289 00200GP6A	02/24/00	SOIL
031853	3290 00200GP7A	02/24/00	SOIL
031854	3291 00200GP5A	02/24/00	SOIL
031855	3292 00200GP4A	02/24/00	SOIL
031856	3293 00200GP3A	02/24/00	SOIL

Sample Narrative/Sample Status

LOGIN:

GENERAL:

031838 A portion of the DRO sample was used to prepare a total solid and a hexavalent chromium sample container.

ANALYSES:

031831 XXX = Compounds coelute with each other.
031835 VOC dilution due to unknown compound between o-xylene and isopropylbenzene on PID detector.

QA/QC:

031831 - 031856: A QC package has been provided for review.

REPORTING:

USFilter

ENVIROSCAN SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 800-338-7226
FACSIMILE 715-355-3221

#16

Milwaukee Metro Sewerage Dist.
250 W. Seeboth Street
Milwaukee, WI 53204

PROJECT NO.: 00030 SPE
SAMPLED BY : Client
DATE REC'D : 02/26/00
REPORT DATE: 03/03/00
PREPARED BY: EPM

SB-11
GP-11A

Attn: Jeffrey Schilling

Sample ID: 3268 00200 Matrix: SOIL Sample Date: 02/24/00 Lab No. 031836

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021 (Only positively identified analytes are reported on a dry weight basis.)								
Vinyl Chloride	<1.09	mg/kg	0.009	0.03	54.3	CSH	02/29/00	LMP
m- & p-Xylene	592.	mg/kg	0.008	0.0266	217.2		02/29/00	LMP
o-Xylene & Styrene	189.	mg/kg	0.005	0.0167	217.2		02/29/00	LMP
Bromochloromethane	<1.09	mg/kg	0.014	0.0466	54.3		02/29/00	LMP
Bromoform	<1.09	mg/kg	0.011	0.0366	54.3		02/29/00	LMP
Bromomethane	<1.09	mg/kg	0.012	0.04	54.3		02/29/00	LMP
Dibromomethane	<1.09	mg/kg	0.01	0.0333	54.3		02/29/00	LMP
1,1-Dichloropropene	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
trans-1,3-dichloroprop(yl)e	<1.09	mg/kg	0.006	0.02	54.3		02/29/00	LMP
Styrene	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
1,1,1,2-Tetrachloroethane	<1.09	mg/kg	0.011	0.0366	54.3		02/29/00	LMP
1,2,3-Trichloropropane	<1.09	mg/kg	0.011	0.0366	54.3		02/29/00	LMP
EPA 8082								
PCB-1016	<119.	µg/kg	10.0	33.3	10	SL	02/29/00	CKV
PCB-1221	<31.0	µg/kg	2.6	8.66	10	SL	02/29/00	CKV
PCB-1232	<53.6	µg/kg	4.5	15.0	10	SL	02/29/00	CKV
PCB-1242	<71.5	µg/kg	6.0	20.0	10	SL	02/29/00	CKV
PCB-1248	<36.9	µg/kg	3.1	10.3	10	SL	02/29/00	CKV
PCB-1254	<59.6	µg/kg	5.0	16.7	10	SL	02/29/00	CKV
PCB-1260	<16.7	µg/kg	1.4	4.66	10	SL	02/29/00	CKV
PCB Soil/Solid Extraction	COMP		-	-	-		02/28/00	CKV
EPA 8270								
Acenaphthene	0.225	mg/kg	0.07	0.233	1	J	02/29/00	MRD
Acenaphthylene	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
Anthracene	0.428	mg/kg	0.06	0.2	1		02/29/00	MRD
Benzo(b)fluoranthene	0.178	mg/kg	0.08	0.266	1	J CSH	02/29/00	MRD
Benzo(k)fluoranthene	0.0989	mg/kg	0.05	0.167	1	J	02/29/00	MRD
Benzo(g,h,i)perylene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Benzo(a)pyrene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Chrysene	0.12	mg/kg	0.07	0.233	1	J	02/29/00	MRD
Dibenzo(a,h)anthracene	<0.0715	mg/kg	0.06	0.2	1		02/29/00	MRD
Benzidine	<0.369	mg/kg	0.31	1.03	1	CSL	02/29/00	MRD
Benzylbutylphthalate	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
Bis(2-Chloroethoxy)Methane	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Bis(2-Chloroethyl)Ether	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Bis(2-Ethylhexyl)Phthalate	0.114	mg/kg	0.08	0.266	1	J LBC	02/29/00	MRD
Bis(2-Chloroisopropyl)Ether	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
4-Bromophenyl Phenyl Ether	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
4-Chlorophenyl Phenyl Ether	<0.0715	mg/kg	0.06	0.2	1		02/29/00	MRD
4-Chloro-3-methylphenol	<0.322	mg/kg	0.27	0.899	1		02/29/00	MRD
2-Chlorophenol	<0.298	mg/kg	0.25	0.833	1		02/29/00	MRD
2,4-Dinitrophenol	<0.191	mg/kg	0.16	0.533	1		02/29/00	MRD
Di-n-butylphthalate	<0.107	mg/kg	0.09	0.3	1		02/29/00	MRD
3,3'-Dichlorobenzidine	<0.465	mg/kg	0.39	1.3	1		02/29/00	MRD
Diethyl Phthalate	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Dimethyl Phthalate	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
2,4-Dinitrotoluene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
2,6-Dinitrotoluene	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
Di-n-octylphthalate	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
1,2-Diphenylhydrazine	<0.107	mg/kg	0.09	0.3	1		02/29/00	MRD

781,000

All results calculated on a dry weight basis.

USFilter

ENVIROSCAN SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 800-338-7226
FACSIMILE 715-355-3221

#16

Milwaukee Metro Sewerage Dist.
250 W. Seeboth Street
Milwaukee, WI 53204

PROJECT NO.: 00030 SPE
SAMPLED BY : Client
DATE REC'D : 02/26/00
REPORT DATE: 03/03/00
PREPARED BY: EPM

SB-11
gp11A

Attn: Jeffrey Schilling

Sample ID: 3268 00200 Matrix: SOIL Sample Date: 02/24/00 Lab No. 031836

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 7196								
Hexavalent Chromium	<0.358	mg/kg	0.3	0.999	1	SPL	03/03/00	BMS
EPA 8021 (Only positively identified analytes are reported on a dry weight basis.)								
Benzene	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
Bromobenzene	<1.09	mg/kg	0.008	0.0266	54.3		02/29/00	LMP
Bromodichloromethane	<1.09	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
n-Butylbenzene	1.35	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
sec-Butylbenzene	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
tert-Butylbenzene	<1.09	mg/kg	0.003	0.00999	54.3		02/29/00	LMP
Carbon Tetrachloride	<1.09	mg/kg	0.006	0.02	54.3		02/29/00	LMP
Chlorobenzene	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
Chlorodibromomethane	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
Chloroethane	<1.09	mg/kg	0.012	0.04	54.3	CSH	02/29/00	LMP
Chloroform	<1.09	mg/kg	0.016	0.0533	54.3		02/29/00	LMP
Chloromethane	<1.09	mg/kg	0.011	0.0366	54.3		02/29/00	LMP
o-Chlorotoluene	<1.09	mg/kg	0.012	0.04	54.3		02/29/00	LMP
p-Chlorotoluene	<1.09	mg/kg	0.014	0.0466	54.3		02/29/00	LMP
1,2-Dibromo-3-chloropropane	<1.09	mg/kg	0.019	0.0633	54.3	CSL	02/29/00	LMP
1,2-Dibromoethane	<1.09	mg/kg	0.006	0.02	54.3		02/29/00	LMP
1,2-Dichlorobenzene	<1.09	mg/kg	0.007	0.0233	54.3		02/29/00	LMP
1,3-Dichlorobenzene	<1.09	mg/kg	0.011	0.0366	54.3		02/29/00	LMP
1,4-Dichlorobenzene	<1.09	mg/kg	0.013	0.0433	54.3		02/29/00	LMP
Dichlorodifluoromethane	<1.09	mg/kg	0.017	0.0566	54.3	CSH LCL	02/29/00	LMP
1,1-Dichloroethane	<1.09	mg/kg	0.006	0.02	54.3		02/29/00	LMP
1,2-Dichloroethane	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
1,1-Dichloroethylene	<1.09	mg/kg	0.007	0.0233	54.3		02/29/00	LMP
cis-1,2-Dichloroethylene	<1.09	mg/kg	0.007	0.0233	54.3		02/29/00	LMP
trans-1,2-Dichloroethylene	<1.09	mg/kg	0.009	0.03	54.3		02/29/00	LMP
1,2-Dichloropropane	<1.09	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
1,3-Dichloropropane	<1.09	mg/kg	0.017	0.0566	54.3		02/29/00	LMP
2,2-Dichloropropane	<1.09	mg/kg	0.012	0.04	54.3		02/29/00	LMP
Ethylbenzene 116,000	116.	mg/kg	0.007	0.0233	54.3		02/29/00	LMP
Hexachlorobutadiene	<1.09	mg/kg	0.008	0.0266	54.3		02/29/00	LMP
Isopropylbenzene	3.38	mg/kg	0.006	0.02	54.3		02/29/00	LMP
Isopropyl Ether	<1.09	mg/kg	0.017	0.0566	54.3		02/29/00	LMP
p-Isopropyltoluene	<1.09	mg/kg	0.006	0.02	54.3		02/29/00	LMP
Methyl tert Butyl Ether	<1.09	mg/kg	0.018	0.0599	54.3	CSH LCH	02/29/00	LMP
Methylene Chloride	<1.09	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
Naphthalene	<1.09	mg/kg	0.018	0.0599	54.3		02/29/00	LMP
n-Propylbenzene	2.38	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
Tetrachloroethylene	1.36	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
1,1,2,2-Tetrachloroethane	<1.09	mg/kg	0.008	0.0266	54.3	CSL	02/29/00	LMP
Toluene 333,000	333.	mg/kg	0.008	0.0266	217.2		02/29/00	LMP
1,2,3-Trichlorobenzene	<1.09	mg/kg	0.015	0.05	54.3	LCH	02/29/00	LMP
1,2,4-Trichlorobenzene	<1.09	mg/kg	0.013	0.0433	54.3	LCH DUP	02/29/00	LMP
1,1,1-Trichloroethane	<1.09	mg/kg	0.005	0.0167	54.3		02/29/00	LMP
1,1,2-Trichloroethane	<1.09	mg/kg	0.004	0.0133	54.3		02/29/00	LMP
Trichloroethylene	<1.09	mg/kg	0.005	0.0167	54.3	LCH	02/29/00	LMP
Trichlorofluoromethane	<1.09	mg/kg	0.007	0.0233	54.3	CSH	02/29/00	LMP
1,2,4-Trimethylbenzene 3550	3.55	mg/kg	0.007	0.0233	54.3		02/29/00	LMP
1,3,5-Trimethylbenzene	<1.09	mg/kg	0.005	0.0167	54.3		02/29/00	LMP

All results calculated on a dry weight basis.

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ENVIROSCAN SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 800-338-7226
FACSIMILE 715-355-3221

#16

Milwaukee Metro Sewerage Dist.
250 W. Seeboth Street
Milwaukee, WI 53204

PROJECT NO.: 00030 SPE
SAMPLED BY : Client
DATE REC'D : 02/26/00
REPORT DATE: 03/03/00
PREPARED BY: EPM

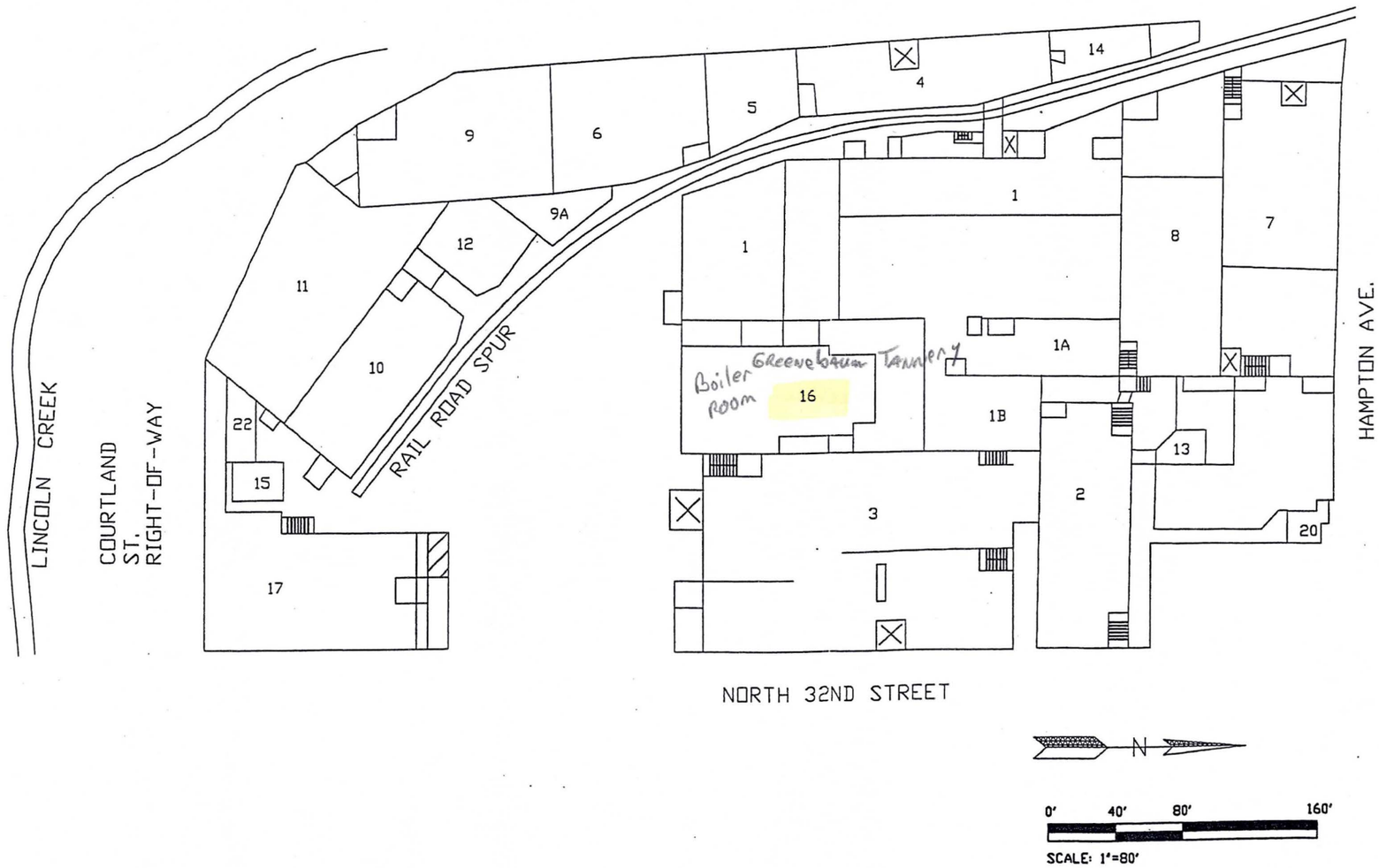
9PMA
SB-11

Attn: Jeffrey Schilling

Sample ID: 3268 00200 Matrix: SOIL Sample Date: 02/24/00 Lab No. 031836

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8270								
Fluoranthene	1.07	mg/kg	0.09	0.3	1		02/29/00	MRD
Fluorene	0.148	mg/kg	0.07	0.233	1	J	02/29/00	MRD
Isophorone	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Indeno(1,2,3-cd)pyrene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Nitrobenzene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
N-Nitrosodimethylamine	<0.155	mg/kg	0.13	0.433	1		02/29/00	MRD
N-Nitrosodiphenylamine	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
N-Nitrosodi-n-propylamine	<0.107	mg/kg	0.09	0.3	1		02/29/00	MRD
Phenanthrene	0.492	mg/kg	0.06	0.2	1		02/29/00	MRD
Pyrene	0.666	mg/kg	0.09	0.3	1		02/29/00	MRD
Phenol	<0.298	mg/kg	0.25	0.833	1		02/29/00	MRD
Pyridine	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Aniline	<0.0596	mg/kg	0.05	0.167	1		02/29/00	MRD
Benzo(a)anthracene	<0.107	mg/kg	0.09	0.3	1		02/29/00	MRD
Benzyl Alcohol	<0.0715	mg/kg	0.06	0.2	1		02/29/00	MRD
2-Chloronaphthalene	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
2,4-Dichlorophenol	<0.405	mg/kg	0.34	1.13	1		02/29/00	MRD
2,4-Dimethylphenol	0.397	mg/kg	0.21	0.699	1	J	02/29/00	MRD
1,2-Dichlorobenzene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
1,3-Dichlorobenzene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
1,4-Dichlorobenzene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Hexachlorobutadiene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
Hexachloroethane	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
2-Methylnaphthalene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
2-Methyl-4,6-Dinitrophenol	<0.226	mg/kg	0.19	0.633	1		02/29/00	MRD
2-Methylphenol	<0.31	mg/kg	0.26	0.866	1		02/29/00	MRD
3-, & 4-Methylphenol	0.409	mg/kg	0.26	0.866	1	J	02/29/00	MRD
Naphthalene	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
2-Nitrophenol	<0.286	mg/kg	0.24	0.799	1		02/29/00	MRD
4-Nitrophenol	<0.191	mg/kg	0.16	0.533	1		02/29/00	MRD
Pentachlorophenol	<0.298	mg/kg	0.25	0.833	1		02/29/00	MRD
1,2,4,-Trichlorobenzene	<0.0715	mg/kg	0.06	0.2	1		02/29/00	MRD
2,4,6-Trichlorophenol	<0.31	mg/kg	0.26	0.866	1		02/29/00	MRD
2,4,5-Trichlorophenol	<0.369	mg/kg	0.31	1.03	1		02/29/00	MRD
Hexachlorobenzene	<0.0715	mg/kg	0.06	0.2	1		02/29/00	MRD
Hexachlorocyclopentadiene	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
Benzoic Acid	<0.238	mg/kg	0.2	0.666	1		02/29/00	MRD
4-Chloroaniline	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
2-Nitroaniline	<0.119	mg/kg	0.1	0.333	1		02/29/00	MRD
3-Nitroaniline	<0.107	mg/kg	0.09	0.3	1		02/29/00	MRD
Dibenzofuran	<0.0834	mg/kg	0.07	0.233	1		02/29/00	MRD
4-Nitroaniline	<0.0954	mg/kg	0.08	0.266	1		02/29/00	MRD
Solid Organic Extraction	COMP		-	-	-		02/29/00	CKV
MOSA21-2								
Total Solids	83.9	%	-	-	-		02/29/00	LMW
WI DNR								
Soil Diesel Range Organics	77.6	mg/kg	2.15	7.16	1	LCL D2A D5	02/29/00	DJB
Soil Org Ext - DRO	COMP		-	-	-		02/29/00	CKV
Soil Gasoline Range Organic	1,800.	mg/kg	2.0	6.66	217.2	G2	03/02/00	LMP

All results calculated on a dry weight basis.



HNTB ARCHITECTS ENGINEERS PLANNERS
ONE PARK PLAZA, SUITE 500
11270 WEST PARK PLACE
MILWAUKEE, WISCONSIN 53224

KAISER PROPERTY

FIGURE 2: SITE LAYOUT
KAISER PROPERTY
4763 N. 32ND STREET
MILWAUKEE, WI

DRAWN BY
CHECKED BY
DESIGNED BY

File Name: esrfiles\\WMSD-Kaiser property\Kaiser Figure 2
Plotted by: MSlongmir