SITE ASSESSMENT FOR UNDERGROUND STORAGE TANK CLOSURE CHRYSLER CORPORATION KENOSHA ENGINE PLANT KENOSHA, WISCONSIN

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230004500

PREPARED FOR:

CHRYSLER CORPORATION
CHRYSLER TECHNOLOGY CENTER
800 CHRYSLER DRIVE CIMS 482-00-51
AUBURN HILLS, MI 48326-2757

TRIAD ENGINEERING PROJECT NO. W943324.13

SEPTEMBER 1996

TRIAD ENGINEERING INCORPORATED

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Milwaukee, Wisconsin 53202
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UNDERGROUND STORAGE TANK CLOSURE
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Richard J. Binder, P.G., CGWP
Senior Hydrologist

Ross M. Creighton, P.G.
Project Manager

Jeanne M. Ramponi
Hydrogeologist

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EXECUTIVE SUMMARY

On July 17, 1995, two 2,500-gallon underground storage tanks (USTs) and accessible piping were removed from a location inside Building 53 at the Chrysler Corporation (Chrysler) Engine Plant in Kenosha, Wisconsin. One of the USTs formerly contained recirculated engine coolant water, was not regulated, and therefore is not discussed in detail in this report. The other UST (No. 9) formerly contained recirculated motor oil. Both USTs were emptied during 1994, and the oil and sludge in the recirculated oil tank (Tank No. 9) were sampled and properly disposed. Soil samples collected at the time the USTs were removed were analyzed for diesel range organics (DRO), gasoline range organics (GRO), and volatile organic compounds (VOCs). Based on laboratory analytical results, constituents were detected in two of the three excavation sidewall soil samples. Subsurface remedial investigation in the Tank No. 9 area already had been initiated prior to tank removal. This report was prepared to document the closure of Tank No. 9. An additional report will be submitted under separate cover to document remedial investigation activities in the Tank No. 9 area.

1.0 INTRODUCTION

The purpose, scope, and report organization of this document are presented in the following sections.

1.1 Purpose and Scope.

Chrysler retained Triad Engineering Incorporated (Triad) to document the closure of two USTs and associated underground piping at the Kenosha Engine Plant property located in Kenosha, Wisconsin (Figure 1).

The two USTs were each 2,500 gallons in capacity and of steel construction. One of the USTs was not regulated and formerly contained recirculated engine coolant water. The other UST (No. 9) formerly contained recirculated motor oil. The UST system was closed by complete removal of the USTs and accessible piping. Field observations and soil sampling were also performed to assess site conditions.

UST closure and assessment services were provided to document site conditions and comply with Wisconsin Department of Natural Resources (WDNR) and Wisconsin Department of Industry, Labor and Human Relations (DILHR) requirements. Technical management services provided by Triad during the UST closure included the following:

- Preparation and maintenance of project plans and project records.
- Coordination and liaison with WDNR and DILHR representatives.
- Maintenance of Triad's Quality Assurance/Quality Control programs.
- Preparation of a UST Closure Assessment Report (this document).

1.2 Report Organization.

UST closure activities are documented in the following sections. The physical setting of the property is presented in Section 2.0. Background information is provided in Section 3.0. UST closure methodology and soil sample results are presented in Sections 4.0 and 5.0, respectively. Conclusions are presented in Section 6.0. References are provided in Section 7.0.

Supporting documentation is provided in the attachments. Information regarding key contacts, contractors' addresses, telephone numbers, and certification numbers are presented on the Project Information Fact Sheet in Attachment A. Tank No. 9 oil, sludge, and soil analytical results are provided in Appendix B. The DILHR Checklist for UST Closure and UST Inventory forms are contained in Attachment C. Photodocumentation is provided in Attachment D. UST excavation sidewall soil sample analytical results are contained in Attachment E.

2.0 PHYSICAL SETTING

General site location, topography, geology, and hydrogeology are presented in the following sections.

2.1 Location.

The Chrysler Kenosha Main and Engine Plant properties are located in Kenosha, Wisconsin (Figure 1). The property is situated within the SE 1/4, SE 1/4 of Section 36, Township 2 North, Range 22 East (Kenosha County). Surrounding land use is industrial, commercial, and residential.

The Main and Engine Plant properties are generally bounded by 52nd Street (north), 60th Street (south), 30th Avenue (west), and 23rd Avenue (east). The UST system was located in Building 53 (Bay 0) of the Engine Plant. Figure 2 shows the location of the two USTs.

2.2 Topography, Geology, and Hydrogeology.

Topography in the site vicinity is flat-lying with little relief (Figure 1). The elevation at the site vicinity is approximately 623 feet above mean sea level (MSL). Regional and site geology and hydrogeology is discussed in a previous report (refer to *Subsurface Site Environmental Assessment Report – Phase III* Hydro-Search, Inc., November 1991).

Groundwater quality has been assessed at the Main Plant property. This information was presented in previous reports submitted to Chrysler and the WDNR. The most recent discussion of groundwater quality is presented in a report entitled *Groundwater Monitoring Report – June 1996 Quarterly Sampling, Chrysler Kenosha Main Plant, Kenosha, Wisconsin* (to be completed).

3.0 BACKGROUND INFORMATION

Two 2,500-gallon USTs were previously located along the west wall of Building 53 in Bay O (Figure 2). The tanks were constructed of steel and were approximately 5½ feet in diameter and 14 feet in length. The tanks were installed outside of Building 39 during the late 1940s or early 1950s, prior to construction of Building 53. One of the USTs (Tank No. 9) formerly contained recirculated motor oil which was used for testing automobile engines. Oil from Tank No. 9 was formerly pumped to the engine hot-testing area, temporarily used in an engine, drained, filtered, and recirculated back in Tank No. 9. The UST was classified as a lubricating oil UST by the WDNR. The other UST was a nonregulated tank that formerly contained recirculated engine coolant water. Piping for both USTs was located in a below-grade, concrete-lined piping trench. The tank system has not operated since 1989 and, when scheduled for closure in October 1994, the USTs were emptied and the oil and sludge in the recirculated oil tank was sampled and properly disposed by AAA Environmental Industries Inc. (Triple A). During the same time, holes were cut in each end of the tank and soil samples were collected through the holes at each tank end by Triple A. Laboratory analytical results from the oil, sludge and soil are included in Attachment B. Based on soil sample analytical data, a release of petroleum has occurred in the UST system area. A Notification of Release of Petroleum Product was issued to the WDNR on November 2, 1994.

On November 5, 1994, a preliminary investigation was performed in order to evaluate the approximate extent and magnitude of the apparent motor oil release in the vicinity of Tank No. 9. Four soil borings (SBEP-2, SBEP-3, MW-46, and MW-47) were installed at the ends and sides of the decommissioned USTs. Based on the results of the preliminary investigation, eight GeoProbe™ soil borings were installed in Buildings 53 and 39 in December 1994 in order to further evaluate the source and approximate lateral extent of the apparent release. A separate report documenting the results of these pre-UST-closure remedial investigations will be sent to the WDNR.

4.0 UST CLOSURE METHODOLOGY

On July 17, 1995, the two USTs were removed. UST system closure was consistent with WDNR guidance and DILHR requirements. The USTs were cleaned and removed by Merlin L. Nelson of ABC Services, Inc. (DILHR-Certified Remover/Cleaner No. 03668), and the site assessment was performed by Jeanne M. Ramponi of Triad, a DILHR-certified site assessor (No. 03344). The DILHR Checklist for UST Closure (Form SBD 8951 [R. 12/91]) and Underground Petroleum Product Tank Inventory Form (Form SBD-7437 [R. 04/92]) were completed at the time of UST removal. Copies of these forms are included in Attachment C.

4.1 UST Removal.

The recirculated motor oil tank (Tank No. 9) was cleaned in-place by ABC Services, Inc. prior to tank closure. Less than 50 gallons of oil-sludge was removed from Tank No. 9 by Triple A and taken to an on-site treatment slab where liquids and solids are separated and properly disposed of. A total of approximately 5,000 gallons of oil-impacted water was pumped out of the tank by Triple A during two separate events. The water was transported to U.S. Oil, an oil-recycling terminal in Green Bay, Wisconsin. The cleaned USTs and accessible piping were removed from the excavation by Bain Nelson, Inc., under the direction of ABC Environmental Services, Inc., and cut into pieces before being transported to Johnson Recycling in Racine, Wisconsin. Inaccessible piping (in Building 39, on the other side of the west wall of Building 53) was abandoned in place and capped. Tank No. 9 appeared to be in good condition. Photographs documenting the condition of the USTs are included in Attachment D. Generally, the soil in the excavation ranged from brown to black gravel and sand, with silt and clay in some areas. The bottom of the excavation was approximately 12 to 15 feet below ground surface (bgs). Water in the bottom of the excavation had an oil sheen. The excavated soil was moved to a location outside the plant and temporarily stockpiled. The soil was then characterized and disposed of at Waste Management of Wisconsin's biological treatment facility at the Pheasant Run Recycling and Disposal facility. The excavation was backfilled with clean, imported gravel fill and finished with 6 to 8 inches of concrete to match the existing floor.

4.2 Soil Sampling.

Three soil samples were collected along the walls of the excavation at a depth of approximately 3 to 3.5 feet below grade. The samples were collected from the north, east, and south walls (Figure 2). The west wall of the excavation extended to the west wall of Building 53, exposing approximately 4 to 5 feet (from grade) of concrete bricks. Beneath the bricks and concrete footing, the soil appeared to be saturated; therefore, a west wall soil sample was not collected.

Soil samples were collected using a clean sampling trowel and divided for classification and field screening with a photoionization detector (PID). Soil samples collected for analysis were immediately placed in laboratory-supplied bottles, preserved as appropriate, and placed on ice in a cooler. The field-screening results for each of the three soil samples collected were zero instrument units. The soil sample collected from the south wall of the excavation had a slight petroleum-like odor; the other samples did not have an odor.

5.0 SOIL SAMPLE RESULTS

The three excavation wall soil samples were analyzed for VOCs (EPA Method 8260), DRO (Wisconsin Modified DRO Method), and GRO (Wisconsin Modified GRO Method). The laboratory reports are included in Attachment E, and a summary of laboratory results is provided in Table 1. Soil sample EXC-N, collected on the north excavation wall, had a detected DRO concentration of 360 milligrams per kilogram (mg/kg). This sample had no detectable concentrations of VOCs or GRO. The soil sample collected on the south excavation wall (EXC-S) had detected concentrations of DRO (2,400 mg/kg), GRO (15 mg/kg), and petroleum VOCs. Detected petroleum VOC concentrations ranged from 7.5 to 84 micrograms per kilogram and were all below NR 700 Residual Contaminant Levels (RCLs) for soil. DRO concentrations in both of these samples exceed the NR 700 RCL (100 to 250 mg/kg, depending on specific site conditions). Soil sample EXC-E had no detectable concentrations of VOCs, DRO, or GRO.

6.0 SUMMARY AND CONCLUSIONS

Two 2,500-gallon steel USTs were removed, demolished, and properly disposed during July 1995. One of the USTs formerly contained water and was, therefore, unregulated. The other UST (Tank No. 9) formerly contained motor oil and required completion of this UST Closure Assessment. Fluids from both tanks were formerly circulated to an engine hot-test area located approximately 180 feet from the tank excavation, in an adjacent building.

As part of the tank system closure, fluids and sludge were removed from the tank(s), characterized, and properly disposed. Underground piping was abandoned in place and capped. Soil samples were collected from the tank excavation prior to and during UST removal. Based on laboratory analytical results from excavation sidewall soil samples, a petroleum release has occurred in the soil within the Tank No. 9 excavation. Remedial investigation to evaluate soil and groundwater quality in the area was initiated prior to tank closure and is currently ongoing. The results of the remedial investigation will be submitted to the WDNR under separate cover.

7.0 REFERENCES

Hydro-Search Inc., November 1991, Subsurface Environmental Site Assessment Report--Phase III, Chrysler Corporation Main Plant, Kenosha, Wisconsin, Volumes I and II.

Triad Engineering Inc., Groundwater Monitoring Report June 1996 Quarterly Sampling, Chrysler Kenosha Main Plant, Kenosha, Wisconsin.

Table 1
Chrysler Corporation
Kenosha, Wisconsin
Building 53, Tank 9 Excavation
Soil Analytical Results

Sample Designation	EXC-N	EXC-S	EXC-E	WDNR RCL **
Sample Depth	3.0-3.5'	3.0-3.5'	3.0-3.5'	
Date Collected	7/17/95	7/17/95	7/17/95	
VOCs (8260) ug/kg:				
Ethylbenzene	<5.0	9.4	<5.0	2900
Isopropylbenzene	<5.0	84	<5.0	NE
1,2,4-Trimethylbenzene	<5.0	17	<5.0	NE
1,3,5-Trimethylbenzene	<5.0	7.5	<5.0	NE
m&p xylenes	<10	48	<10	4100
o xylenes	<5.0	16	<5.0	4100
DRO (WI modified) mg/kg	360	*2400	<10	100
GRO (WI modified) mg/kg	<10	15	<10	100

Notes:

ug/kg - micrograms per kiogram

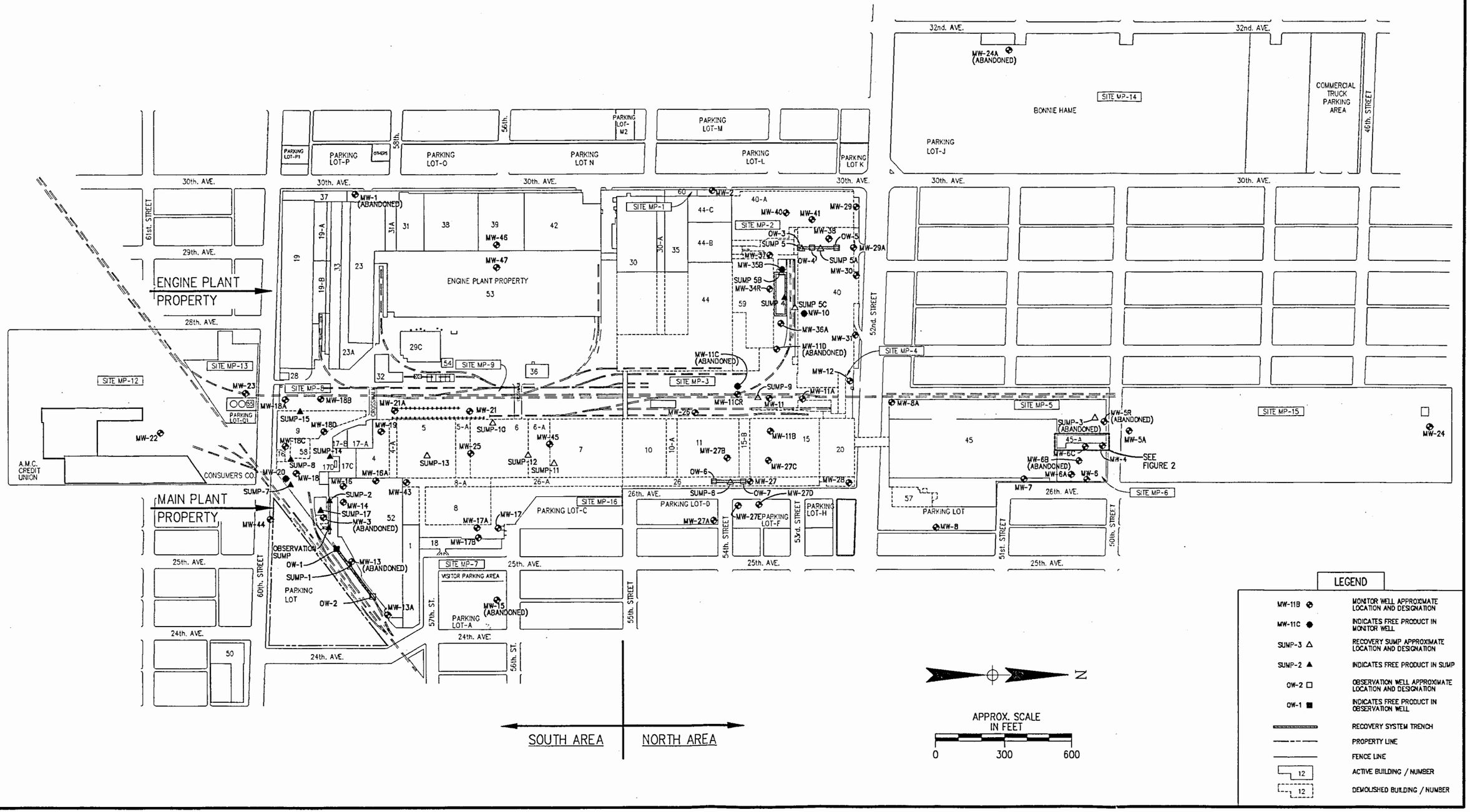
mg/kg - milligrams per kilogram

** The analyte concentration was found to be outside of the established linear range of quantitation for this compound. The reported value is an approximation only.*

*** WDNR- Wisconsin Department of Natural Resources, RCL- Residual contaminant level (generic) from Wisconsin Administrative Code Chapter NR 720.09*

NE-Not established

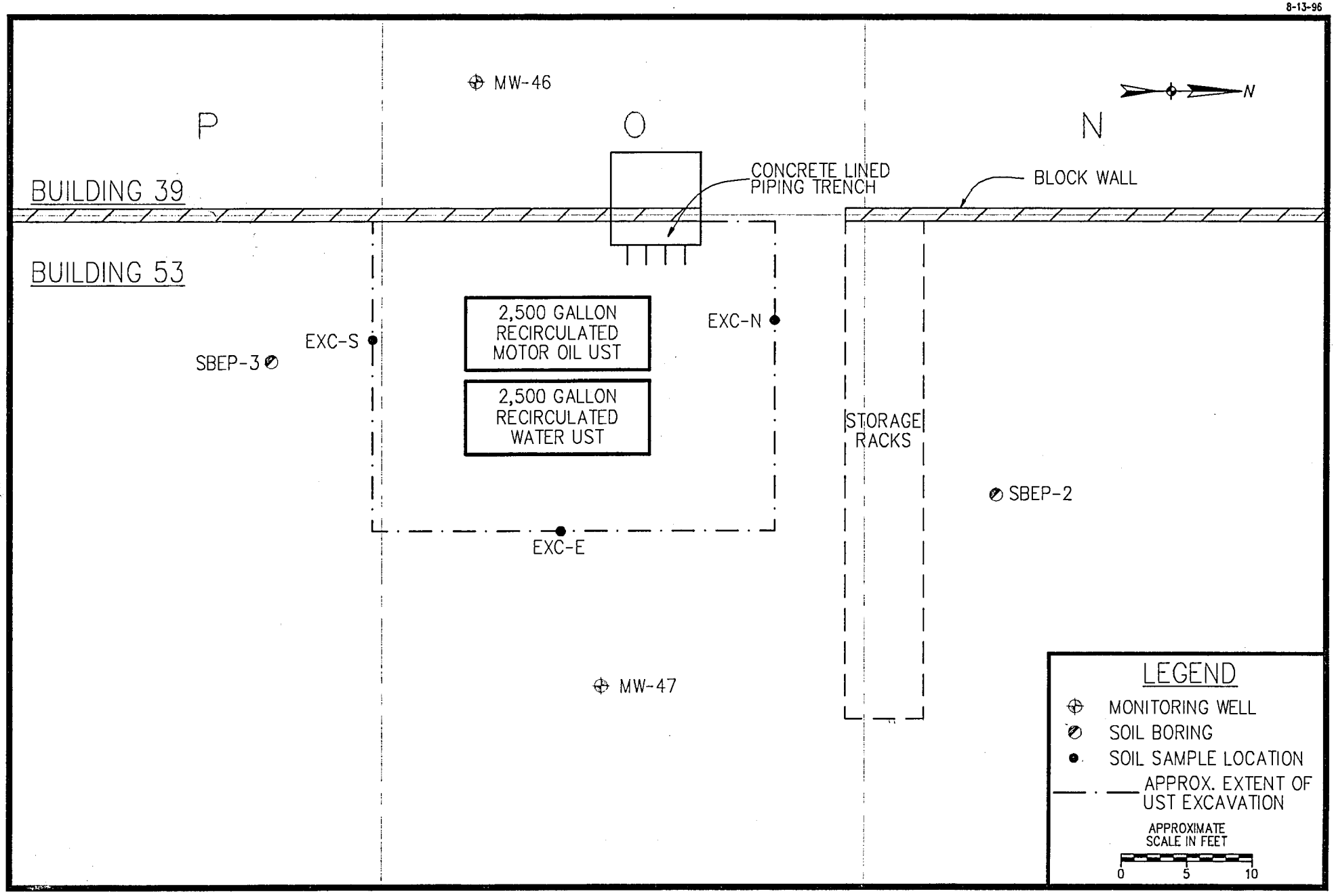
FILENAME: 33246A-9 DATE: 08/16/96 REVISED BY: DPK



TRIAD ENGINEERING INCORPORATED

FIGURE 1
CHRYSLER KENOSHA ENGINE AND MAIN PLANT FACILITIES LAYOUT

63873-1
8-13-96



TRIAD
ENGINEERING
INCORPORATED

FIGURE 2
CHRYSLER CORPORATION
KENOSHA ENGINE PLANT
BUILDING 53 UST SITE

APPENDIX A

PROJECT INFORMATION FACT SHEET

PROJECT INFORMATION FACT SHEET

FACILITY (Name)	**CHRYSLER CORPORATION** 5555 30th Avenue, Kenosha, Wisconsin 53144 SE 1/4, SE 1/4, Section 36, T2N, R22E Contact: John P. Bugno (414) 658-6000
CONSULTANT (Name)	Triad Engineering Inc. 325 East Chicago Street Milwaukee, Wisconsin 53202 Contacts: Richard J. Binder, P.G. Jeanne M. Ramponi, (Cert. No. 03344) (414) 291-8840
CONTRACTORS (Names)	Tank Cleaner/Remover/Transporter: ABC Services, Inc. 5910 49th Street, Kenosha, Wisconsin 53144 (414) 657-6222 Certification No.: 03368 Sludge/Liquid Remover: AAA Environmental Industries, Inc. (Triple A) 3240 West Elm Road, Franklin, Wisconsin 53132 (414) 761-9421
FIRE INSPECTOR	Patrick A. Ryan, No. 00368, City of Kenosha
WDNR CONTACT	Pamela A. Mylotta, (414) 961-2726
UST INFORMATION	Two; 2,500-gallon Contents: Recirculated engine coolant water, recirculated motor oil (Tank No. 9) Date Installed: Approximately late 1940s–early 1950s Material: Steel

ATTACHMENT B

TANK NO. 9 OIL, SLUDGE, AND SOIL ANALYTICAL RESULTS

AAA ENVIRONMENTAL INDUSTRIES, INC.

3240 West Elm Road • Franklin, WI 53132
(414) 761-9421 • FAX (414) 761-9542

FAX TRANSMITAL COVER SHEET

Date 10/25/94 Time _____

TO: EINAR JENSEN

COMPANY: CHRYSLER KENOSHA

FAX NUMBER BEING SENT TO: 658-7717

FROM: DEAN KELLEY

NUMBER of Pages including this sheet 6

SUBJECT: TANK SAMPLE RESULTS

If you did not receive the complete transmission or received this in error please call us at 414-761-9421

FAX FROM KENOSHA ENGINE PLANT, 7
Date 10-25-94 No. of Pages Incl. Cover Sheet
To: RICK HINGST Telephone No. 722-8596
From: EINAR JENSEN Telephone No. 696-7471

Reported: October 19, 1994
LEVEL II REPORT
Page Number: 1

Telephone: (414) 521-247
FAX: (414) 521-082

SUBURBAN LABORATORIES of WISCONSIN, Inc.

"Analytical Testing"
N8 W22520-B Johnson Drive Waukesha, WI 53186

FINAL REPORT OF LABORATORY ANALYSIS

AAA Environmental Industries
3240 West Elm Road
Franklin, WI 53132

Attention: Dean M. Kelley

SLI Order No.: W410007
Project ID.: UST CLOSURE
P.O. #:
Samples Received: 10/03/94
Collected By: CLIENT-DEAN KELLEY
Condition Received: REFRIGERATED @ 4°C

Sample ID: #1 SOURCE *Date Collected: 10/01/94 14:00:00*
Sample Type: WASTE_OIL IN TANK *SLI ID: W410007-01A*

PARAMETER	RESULT	UNITS	LIMIT	DATE ANALYZED	BY	METHOD
TPH waste oil	standard	mg/kg	100		DH	EPA 8015

Sample ID: #2 SOIL *Date Collected: 10/01/94 14:10:00*
Sample Type: SOIL *SLI ID: W410007-02A*

PARAMETER	RESULT	UNITS	LIMIT	DATE ANALYZED	BY	METHOD
Solids, Total	87.8	%	0.001	10/04/94	RLD	EPA 5030 7.
TPH waste oil	48,400 J	mg/kg	100	10/11/94	DH	EPA 8015

Sample ID: #3 SOIL *Date Collected: 10/01/94 14:30:00*
Sample Type: SOIL *SLI ID: W410007-03A*

PARAMETER	RESULT	UNITS	LIMIT	DATE ANALYZED	BY	METHOD
Solids, Total	86.6	%	0.001	10/04/94	RLD	EPA 5030 7.
TPH waste oil	37,400 J	mg/kg	100	10/11/94	DH	EPA 8015

Sample ID: #4 SLUDGE *Date Collected: 10/01/94 14:50:00*
Sample Type: SLUDGE IN TANK *SLI ID: W410007-04A*

PARAMETER		RESULT	UNITS	LIMIT	DATE ANALYZED	BY	METHOD
Cyanide, Reactive		<0.50	mg/kg	0.50	10/13/94	SLI	EPA 7.3.3.
Cyanide, Total		1.16	mg/kg	0.10	10/05/94	SLI	EPA 335.2
Flash Point		>212	°F	30	10/13/94	SLI	EPA 1010
pH		6.01	S.U.		10/06/94	SLI	EPA 150.1
Phenols		<0.10	mg/kg	0.10	10/13/94	SLI	EPA 420.1
Solids, Total		56.5	%	0.001	10/07/94	SLI	EPA 160.3
Sulfide, Reactive		9.6	mg/kg	1.0	10/13/94	SLI	EPA 7.3.4.
TCLP Arsenic	D004	<0.10	mg/l	0.10	10/13/94	SLI	1311/6010
TCLP Barium	D005	0.05	mg/l	0.02	10/12/94	SLI	1311/6010
TCLP Cadmium	D006	<0.01	mg/l	0.01	10/12/94	SLI	1311/6010
TCLP Chromium	D007	<0.01	mg/l	0.01	10/12/94	SLI	1311/6010
TCLP Lead	D008	0.003	mg/l	0.001	10/12/94	SLI	1311/6010
TCLP Mercury	D009	<0.0002	mg/l	0.0002	10/07/94	SLI	1311/7470

TCLP Chromium	D007	<0.01	mg/l	0.01	10/12/94	SLI	1311/6010
TCLP Lead	D008	0.003	mg/l	0.001	10/12/94	SLI	1311/6010
TCLP Mercury	D009	<0.0002	mg/l	0.0002	10/07/94	SLI	1311/7470
TCLP Selenium	D010	<0.10	mg/l	0.10	10/12/94	SLI	1311/6010
TCLP Silver	D011	<0.01	mg/l	0.01	10/12/94	SLI	1311/6010
TCLP Total Organic Halogen		35.0	mg/l	1.0	11/01/94	SLI	EPA 450.2

Hillside Certifications: Illinois Dept. of Public Health #17585; Illinois EPA #100225
Waukesha Certifications: Wisconsin Division of Public Health #MW00267; Wisconsin DNR #241178650

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SUBURBAN LABORATORIES of WISCONSIN, Inc.

"Analytical Testing"
N8 W22520-B Johnson Drive Waukesha, WI 53186

Client: *AAA Environmental Industries*

SLI Order No.: W410007
Project ID.: UST CLOSURE

Sample ID: #4 SLUDGE
Sample Type: SLUDGE

Date Collected: 10/01/94 14:50:00
SLI ID: W410007-04A

PARAMETER		RESULT	UNITS	LIMIT	DATE ANALYZED	BY	METHOD
TCLP ACID EXTRACTABLES							1311/8270
o-Cresol 95-48-7	D023	<30.0	ug/l	30.0	10/13/94	SLI	
m-Cresol 108-39-4	D024	<30.0	ug/l	30.0	10/13/94	SLI	
p-Cresol 106-44-5	D025	<30.0	ug/l	30.0	10/13/94	SLI	
Pentachlorophenol 87-86-5	D037	<60.0	ug/l	60.0	10/13/94	SLI	
2,4,5-Trichlorophenol 95-95-4	D041	<10.0	ug/l	10.0	10/13/94	SLI	
2,4,6-Trichlorophenol 88-06-2	D042	<10.0	ug/l	10.0	10/13/94	SLI	
SURROGATE STANDARD		% RECOVERY					
d5-Phenol		67%			10/13/94	SLI	
TCLP BASE/NEUTRAL							1311/8270
2,4-Dinitrotoluene 121-14-2	D030	<4.0	ug/l	4.0	10/13/94	SLI	
Hexachlorobenzene 118-74-1	D032	<4.0	ug/l	4.0	10/13/94	SLI	
Hexachloro-1,3-butadiene 87-68-3	D033	<4.0	ug/l	4.0	10/13/94	SLI	
Hexachloroethane 67-72-1	D034	<4.0	ug/l	4.0	10/13/94	SLI	
Nitrobenzene 98-95-3	D036	<4.0	ug/l	4.0	10/13/94	SLI	
Pyridine 110-86-1	D038	<4.0	ug/l	4.0	10/13/94	SLI	
SURROGATE STANDARD		% RECOVERY					
d8-Napthalene		NR			10/13/94	SLI	
TCLP PCB's							EPA 8080
PCB-1016 12674-11-2		<2.4	ug/l	2.4	10/13/94	SLI	
PCB-1221 11104-28-2		<4.4	ug/l	4.4	10/13/94	SLI	
PCB-1232 11141-16-5		<2.4	ug/l	2.4	10/13/94	SLI	
PCB-1242 53469-21-9		<2.4	ug/l	2.4	10/13/94	SLI	
PCB-1248 12672-29-6		<2.4	ug/l	2.4	10/13/94	SLI	
PCB-1254 11097-69-1		<2.4	ug/l	2.4	10/13/94	SLI	
PCB-1260 11096-82-5		<2.4	ug/l	2.4	10/13/94	SLI	
TCLP VOLATILES							1311/8240
Benzene 71-43-2	D018	<5.00	ug/l	5.00	10/13/94	SLI	
Carbon tetrachloride 56-23-5	D019	<5.00	ug/l	5.00	10/13/94	SLI	
Chlorobenzene 108-90-7	D021	<5.00	ug/l	5.00	10/13/94	SLI	
Chloroform 67-66-3	D022	<5.00	ug/l	5.00	10/13/94	SLI	
1,4-Dichlorobenzene 106-46-7	D027	<5.00	ug/l	5.00	10/13/94	SLI	
1,2-Dichloroethane 107-06-2	D028	<5.00	ug/l	5.00	10/13/94	SLI	
1,1-Dichloroethene 75-35-4	D029	<5.00	ug/l	5.00	10/13/94	SLI	

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SUBURBAN LABORATORIES of WISCONSIN, Inc.

"Analytical Testing"
N8 W22520-B Johnson Drive Waukesha, WI 53186

Client: *AAA Environmental Industries*

SLI Order No.: W410007
Project ID.: UST CLOSURE

Sample ID: #4 SLUDGE
Sample Type: SLUDGE

Date Collected: 10/01/94 14:50:00
SLI ID: W410007-04A

PARAMETER		RESULT	UNITS	LIMIT	DATE ANALYZED	BY	METHOD
TCLP VOLATILES							1311/8240
Methyl ethyl ketone 78-93-3	D035	27.6	ug/l	25.0	10/13/94	SLI	
Tetrachloroethene 127-18-4	D039	<5.00	ug/l	5.00	10/13/94	SLI	
Trichloroethene 79-01-6	D040	<5.00	ug/l	5.00	10/13/94	SLI	
Vinyl chloride 75-01-4	D043	<10.0	ug/l	10.0	10/13/94	SLI	
SURROGATE STANDARD		% RECOVERY					
1,4-Dichlorobutane		NR			10/13/94	SLI	

COMMENTS
TPH: 01a,02a; J=duplicate and spike were not analyzed due to lack of sample.

LIMIT: The lowest concentration that can be reliably achieved within specified requirements of precision and accuracy during routine laboratory operating conditions. Limit may also represent a project specific reporting level.
NOTE: All results reported in wet weight unless otherwise indicated.
Please refer to glossary for abbrevations and definitions.

Analysis Reviewed By: [signature]

Reported By: DAVE (Last Page) Date: 10/19/94

Telephone: (414) 521-247
FAX: (414) 521-082

SUBURBAN LABORATORIES of WISCONSIN, Inc.

"Analytical Testing"
N8 W22520-B Johnson Drive Waukesha, WI 53186

DATA QUALIFIER DEFINITIONS AND METHOD REFERENCES

- U — The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J — The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- N — The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
- NJ — The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
- UJ — The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limits approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- NI — Not Injected
- ND — Not Detected
- NA — Not Applicable
- NR — Not Reported
- R — The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- B — The analyte was found in the the associated laboratory blank as well as the sample, and indicates possible or probable blank contamination.
- MI — Matrix Interference
- BDL — Below Detection Limit
- DW — Dry Weight Basis
- CS — Compound Screened
- NG — Not Given
- TNTC — Too Numerous to Count
- < — Less Than
- + — Upon visual review of the Total Ion Chromatograms, unidentified peaks were observed which are outside the parameters listed.
- ** ++ ## && — Compounds are co-eluting. Under present conditions we are unable to discern between the two, therefore, the quantitation represents the total concentration of all co-eluting compounds or the maximum possible concentration of any single compound.

- EPA — "Methods for Chemical Analysis of Water and Wastes", EPA 600/4-79-020, USEPA, Revised March 1983 and 1979 where applicable.
- "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", USEPA SW-846 November 1986 and Revision 1, November 1990 where applicable.
- "Methods for the Determination of Organic Compounds in Drinking Water", USEPA, EPA-600/4-88/039, July 1988, and EPA-600/4-90/020 July 1990 where applicable.
- SM — "Standard Methods for the Examination of Water and Wastewater", APHA and AWWA, 17th Edition 1979, and 18th Edition 1992 where applicable.
- ASTM — "1991 Annual Book of Standards, Water and Environmental Technology", ASTM, 1986.
- AOAC — "Official Methods of Analysis of Official Analytical Chemists, Methods Manual 15th Edition 1990.
- WDNR — "Wisconsin DNR LUST and Petroleum Analytical and Quality Assurance Guidance, (PUBL-SW-130-93)

SUBURBAN LABORATORIES of WISCONSIN, Inc.

N8 W22520-B Johnson Drive Waukesha, WI 53186

Phone: (414) 521-2470
Fax: (414) 521-0626

CHAIN OF CUSTODY RECORD

Company Name: AAA Environmental Industries Inc	TURNAROUND TIME REQUESTED: [X] Normal [ ] RUSH	ANALYSIS & METHOD REQUESTED	Reporting Format:
Company Address: 3240 W. Elm Rd Franklin, WI			Purchase Order #:
Property Owner: Chrysler	Date Needed:		Courier:
Property Location: Kenosha	Are Samples Hazardous? [ ] Yes [X] No		LAB USE ONLY
Project Name/#: UST Closure	Final/Closure Samples: [X] Yes [ ] No		SLI ORDER #:
Project Manager (Report to): Dean Kelly	Phone #: (414) 761 - 9421		Temperature of Received Samples:
Sample Collector(s): Dean Kelley	Fax #: (414) 761 - 9542		Refrig @ 4°C

Analysis & method requested (column heads, handwritten): Finger Print - | [illegible] to Sample | Complete to Sample | Lea[d] Benzo[?] Col Mink[?] | Heads [illegible]

FIELD IDENTIFICATION	COLLECTION Date	COLLECTION Time	SAMPLE Matrix	SAMPLE Device	Number & Type of CONTAINERS	PRESERV. TYPE	FIELD SCREEN	Finger Print	[illegible] to Sample	Complete to Sample	Lea[d] …	Heads …						A/R	SAMPLE CONDITION	SLI SAMPLE #
#1 Source	10/10/94	2:00	O	O	1 liter	ICE		X											Good	
#2 Soil	10/10/94	2:10	S	H Probe	2 60ml & 100ml	ICE			X										↓	
#3 Soil	10/10/94	2:30	S	H Probe	2 60ml & 100ml	ICE				X									↓	
#4 Sludge	10/10/94	2:50	O	O	2 amber glass	ICE					X								↓	
	/ /																			
	/ /																			
	/ /																			
	/ /																			
	/ /																			
	/ /																			

GLOSSARY: MATRIX=Soil(S), Water(W), Drinking Water(DW), Air(A), Wipe(P), Other(O). A=Accept, R=Reject.
SAMPLING DEVICE=Grab(G), Composite(C), Drill Rig(D), Hand Auger(H), Split Spoon(S), Metal Spatula(M), Other(O).
CONTAINER=40ml Vial(A), 60ml Vial(B), 2oz(C), 4oz(D), 8oz(E), 1Liter(F), Glass(G), Plastic(P), Air Tube(T), Wipe(W)
PRESERVATION=HCl(1), HNO3(2), H2SO4(3), NaOH(4), MeOH(5), Other(O). ROI=Received on Ice. NA=Not Applicable.

COMMENTS & SPECIAL INSTRUCTIONS:

1. Relinquished By: Dean M. Kelly	Date: 10/03/94	3. Relinquished By:	Date: / /
Received By: [signature]	Time: 10:10	Received By:	Time:
2. Relinquished By: [signature]	Date: 10/3/94	4. Relinquished By:	Date: / /
Received By: [signature]	Time: 1500	Received By:	Time:

( ) # of Attached Sheets

PLEASE FILL OUT CHAIN OF CUSTODY RECORD COMPLETELY!

White - Original (Return with report), Yellow - Lab Copy, Pink - Sampler Copy

ATTACHMENT C

CHECKLIST FOR UNDERGROUND TANK CLOSURE
AND
UNDERGROUND PETROLEUM PRODUCT
TANK INVENTORY FORMS

Wisconsin Department of Industry, Labor and Human Relations

Complete one form for each site closure.

CHECKLIST FOR UNDERGROUND TANK CLOSURE

RETURN COMPLETED CHECKLIST TO:
Safety & Buildings Division
Fire Prevention & Underground Storage Tank Section
P. O. Box 7969, Madison, WI 537[illegible]

A. IDENTIFICATION: (Please Print) Indicate whether closure is for: ☐ Tank System ☒ Tank Only ☐ Piping Only

1. Site Name	2. Owner Name
Chrysler Motors	Same
Site Street Address (not P.O. Box)	Owner Street Address
5555 30th Ave Bldg. 53	
☒ City ☐ Village ☐ Town of:	☐ City ☐ Village ☐ Town of: / State / Zip Code
Kenosha	
State: WI / Zip Code: 53140 / County: Kenosha	County / Telephone No. (include area code): ( )

3. Closure Company Name (Print)	Closure Company Street Address
ABC Services Inc.	5910 49th ST
Closure Company Telephone No. (include area code)	Closure Company City, State, Zip Code
(414) 657-6222	Kenosha WI 53144
4. Name of Company Performing Closure Assessment	Assessment Company Street Address, City, State, Zip Code
TRIAD Engineering Inc.	325 E. Chicago St. Milw. WI 53202
Telephone # (include area code) / Certified Assessor Name (Print)	Assessor Signature / Assessor Certification No.
(414) 291-8840 Jeanne M. Ramponi	Jeanne M. Ramponi 03344

Tank ID #	Closure	Temp. Closure	Closure In Place	Tank Capacity	Contents *	Closure Assessment
1.	☒	☐	☐	1500	Used Oil	☐ Y ☐ N
2.	☒	☐	☐	2500	WATER	☒ Y ☐ N
3.	☒	☐	☐	2500	Clean Oil	☒ Y ☐ N
4.	☐	☐	☐			☐ Y ☐ N
5.	☐	☐	☐			☐ Y ☐ N
6.	☐	☐	☐			☐ Y ☐ N

* Indicate which product by numeric code: 01-Diesel; 02-Leaded; 03-Unleaded; 04-Fuel Oil; 05-Gasohol; 06-Other; 09-Unknown; 10-Premix; 11-Waste oil; 13-Chemical (indicate the chemical name(s) or numbers(s) _____ _____ _____; 14-Kerosene; 15-Aviation.

Written notification was provided to the local agent 15 days in advance of closure date. ☒ Y ☐ N ☐ NA
All local permits were obtained before beginning closure. ☒ Y ☐ N ☐ NA

Check applicable box at right in response to all statements in Sections B - E.

	Remover Verified	Inspector Verified	NA
B. TEMPORARILY OUT OF SERVICE			
Written inspector approval of temporary closure obtained, which is effective until (provide date) _____	☐ Y ☐ N	☐	☐
1. Product Removed			
a. Product lines drained into tank (or other container) and resulting liquid removed, AND	☐ Y ☐ N	☐	☐
b. All product removed to bottom of suction line, OR	☐ Y ☐ N	☐	☐
c. All product removed to within 1" of bottom.	☐ Y ☐ N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐ Y ☐ N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐ Y ☐ N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐ Y ☐ N	☐	☐
5. Vent lines left open.	☐ Y ☐ N	☐	☐
6. Inventory form filed indicating temporary closure.	☐ Y ☐ N	☐	☐
C. CLOSURE BY REMOVAL			
1. Product from piping drained into tank (or other container).	☒ Y ☐ N	☒	☐
2. Piping disconnected from tank and removed.	☒ Y ☐ N	☒	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☒ Y ☐ N	☒	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒ Y ☐ N	☒	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☒ Y ☐ N	☒	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.			
6. Vent lines left connected until tanks purged.	☒ Y ☐ N	☒	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☒ Y ☐ N	☒	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☒ Y ☐ N	☒	☐
9. Tank removed from excavation after **PURGING/INERTING**; placed on level ground and blocked to prevent movement.	☒ Y ☐ N	☒	☐
10. Tank cleaned before being removed being removed from site.	☒ Y ☐ N	☒	☐

- CONTINUE ON NEXT PAGE -

C. CLOSURE BY REMOVAL (continued)

	Remover Verified	Inspector Verified	NA
11. Tank labeled in 2" high letters after removal but before being moved from site.	☐ Y ☐ N	☒	☒
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.			
12. Tank vent hole (1/8 th " in uppermost part of tank) installed prior to moving the tank from site.	☐ Y ☐ N	☒	☒
13. Inventory form filed by owner with Safety and Buildings Division indicating closure by removal.	☒ Y ☐ N	☒	☐
14. Site security is provided while the excavation is open.	☒ Y ☐ N	☒	☐

D. CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS OR LOCAL AGENT.

1. Product from piping drained into tank (or other container).			
2. Piping disconnected from tank and removed.	☐ Y ☐ N	☐	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☐ Y ☐ N	☐	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☐ Y ☐ N	☐	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☐ Y ☐ N	☐	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT ABOVE GRADE.			
6. Vent lines left connected until tanks purged.	☐ Y ☐ N	☐	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☐ Y ☐ N	☐	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☐ Y ☐ N	☐	☐
9. Tank properly cleaned to remove all sludge and residue.	☐ Y ☐ N	☐	☐
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled.	☐ Y ☐ N	☐	☐
11. Vent line disconnected or removed.	☐ Y ☐ N	☐	☐
12. Inventory form filed by owner with Safety and Buildings Division indicating closure in place.	☐ Y ☐ N	☐	☐

E. CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILHR 10.

1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	☒ Y ☐ N	☒	☐
2. Do points of obvious contamination exist?	☒ Y ☐ N	☒	☐
3. Are there strong odors in the soils?	☐ Y ☒ N	☒	☐
4. Was a field screening instrument used to pre-screen soil sample locations?	☒ Y ☐ N	☒	☐
5. Was a closure assessment omitted because of obvious contamination?	☐ Y ☒ N	☒	☐
6. Was the DNR notified of suspected or obvious contamination? Ms. Pamela Mylotta, Env. Repair Section	☐ Y ☒ N	☒	☐

Agency, office and person contacted: The DNR was notified of a release observed during closure in-place. (NOV. 1994)

7. Contamination suspected because of: ☐ Odor ☒ Soil Staining ☐ Free Product ☒ Sheen On Groundwater ☐ Field Instrument Test

F. METHOD OF ACHIEVING 10% LEVEL DESCRIPTION

☒ Educator Or Diffused Air Blower

Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground. Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☐ Dry Ice

Dry ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area. Dry ice evaporated before proceeding.

☐ Inert Gas (CO/2 or N/2) **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT**

Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent. Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☒ Tank atmosphere monitored for flammable or combustible vapor levels.

Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before removing tank from ground.

G. NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW

H. REMOVER/CLEANER INFORMATION

Remover Name (print)	Remover Signature	Remover Certification No.	Date Signed
MERLIN L. NELSON	Merlin L. Nelson	03668	7/17/95

I. INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Certification No.
PATRICK A. RYAN	Patrick A. Ryan	00368

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed
30021	(414)653-4110	7-27-95

OWNER

Wisconsin Department of Industry, Labor and Human Relations

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

Information Required By Sec. 101.142, Wis. Stats.

Send Completed Form To:
Safety & Buildings Division
P.O. Box 7969
Madison, WI 53707
Telephone (608) 267-5280

For Office Use Only:
Tank ID #

nderground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (included piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ YES ☐ NO If yes, are you correcting/updating information only? ☐ Yes ☐ No

This registration applies to a tank that is (check one):
1A. ☐ In Use or 1B. ☐ Newly Installed
2. ☐ Abandoned With Product
3. ☐ Abandoned No Product (empty) or With Water
4. ☒ Closed - Tank Removed
6. ☐ Closed - Filled With Inert Material
7. ☐ Out of Service - Provide Date: _____
8. ☐ Changed Ownership (Indicate new owner below)

Fire Department Providing Fire Coverage Where Tank Located:
Kenosha Fire Department

A. IDENTIFICATION: (Please Print)

1. Tank Site Name	Site Address	Site Telephone No.
Chrysler Corporation- Building 53	5555 30th Ave.	(414) 658-6000

☒ City ☐ Village ☐ Town of:	State	Zip Code	County
Kenosha	Wisconsin	53144	Kenosha

2. Owner Name (mail sent here unless indicated otherwise in #3 below)	Owner Mailing Address (mail sent here unless indicated otherwise in #3)
Chrysler Corporation	5555 30th Avenue

☒ City ☐ Village ☐ Town of:	State	Zip Code	County
Kenosha	Wisconsin	53144	Kenosha

3. Alternate Mailing Name If Different Than #2	Alternate Mailing Street Address If Different From #2

☐ City ☐ Village ☐ Town of:	State	Zip Code	County

4. Tank Age (date installed, if known: or years old)	5. Tank Capacity (gallons)	6. Tank Manufacturer's Name (if known)
Approximately 46 years old	2500	Unknown

B. TYPE OF USER (check one):
1. ☐ Gas Station
2. ☐ Bulk Storage
3. ☐ Utility
4. ☐ Mercantile
5. ☒ Industrial
6. ☐ Government
7. ☐ School
8. ☐ Residential
9. ☐ Agricultural
10. ☐ Other (specify): _____

TANK CONSTRUCTION:
1. ☒ Bare Steel
2. ☐ Cathodically Protected and Coated Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel
4. ☐ Fiberglass
5. ☐ Other (specify): _____
6. ☐ Relined - Date _____
7. ☐ Steel - Fiberglass Reinforced Plastic Composite
9. ☐ Unknown

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other: Unknown
Is Tank Double Walled? ☐ Yes ☒ No
Overfill Protection Provided? ☐ Yes ☒ No If yes, identify type:
Spill Containment? ☐ Yes ☒ No

Tank leak detection method: 1. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring 4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring 6. ☒ Not required at present 7. ☐ Manual Tank Gauging (only for tanks of 1,000 gallons or less)

D. PIPING CONSTRUCTION
1. ☒ Bare Steel 2. ☐ Cathodically Protected and Coated or Wrapped Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current) 3. ☐ Coated Steel
4. ☐ Fiberglass 5. ☐ Other (specify): _____ 9. ☐ Unknown

Piping System Type: 1. ☒ Pressurized piping with: A. ☐ auto shutoff; B. ☐ alarm; or C. ☐ flow restrictor 2. ☐ Suction piping with check valve at tank
3. ☐ Suction piping with check valve at pump and inspectable

Piping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring
3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line Leak Detector 6. ☒ Not Required

Approval: 1. ☐ Nat'l Std 2. ☐ UL 3. ☐ Other:
Double Walled: ☐ Yes ☒ No

E. TANK CONTENTS
1. ☐ Diesel
2. ☐ Leaded
3. ☐ Unleaded
4. ☐ Fuel Oil
5. ☐ Gasohol
6. ☒ Other (Clean Motor Oil)
7. ☐ Empty
8. ☐ Sand/Gravel/Slurry
9. ☐ Unknown
10. ☐ Premix
11. ☐ Waste Oil
12. ☐ Propane
13. ☐ Chemical * _____
14. ☐ Kerosene
15. ☐ Aviation

* If # 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste.

If Tank Closed, Give Date (mo/day/yr):	Has a site assessment been completed? (see reverse side for details)
July 17, 1995	☒ Yes ☐ No

If installation of a new tank is being reported, indicate who performed the installation inspection:
1. ☐ Fire Department 2. ☐ DILHR 3. ☐ Other (identify) _____

Name of Owner or Operator (please print):	Indicate Whether: ☐ Owner or ☐ Operator
Signature of Owner or Operator:	Date Signed:

SBD-7437 (R. 04/92) IMPORTANT: Complete as many items on this form as possible. Failure to provide sufficient

onsin Department of Industry,
or and Human Relations

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

Information Required By Sec. 101.142, Wis. Stats.

Send Completed Form To:
Safety & Buildings Division
P.O. Box 7969
Madison, WI 53707
Telephone (608) 267-5280

For Office Use Only:
Tank ID #

nderground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (included piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ YES ☐ NO If yes, are you correcting/updating information only? ☐ Yes ☐ No

This registration applies to a tank that is (check one):
1A. ☐ In Use or 1B. ☐ Newly Installed
2. ☐ Abandoned With Product
3. ☐ Abandoned No Product (empty) or With Water
4. ☒ Closed - Tank Removed
6. ☐ Closed - Filled With Inert Material
7. ☐ Out of Service - Provide Date: _____
8. ☐ Changed Ownership (Indicate new owner below)

Fire Department Providing Fire Coverage Where Tank Located:
Kenosha Fire Department

A. IDENTIFICATION: (Please Print)

1. Tank Site Name	Site Address	Site Telephone No.
Chrysler Corporation- Building 53	5555 30th Avenue	(414) 658-6000

☒ City ☐ Village ☐ Town of:	State	Zip Code	County
Kenosha	Wisconsin	53144	Kenosha

2. Owner Name (mail sent here unless indicated otherwise in #3 below)	Owner Mailing Address (mail sent here unless indicated otherwise in #3)
Chrysler Corporation	5555 30th Avenue

☒ City ☐ Village ☐ Town of:	State	Zip Code	County
Kenosha	Wisconsin	53144	Kenosha

3. Alternate Mailing Name If Different Than #2	Alternate Mailing Street Address If Different From #2

☐ City ☐ Village ☐ Town of:	State	Zip Code	County

4. Tank Age (date installed, if known: or years old)	5. Tank Capacity (gallons)	6. Tank Manufacturer's Name (if known)
Approximately 46 years old	2500	Unknown

B. TYPE OF USER (check one):
1. ☐ Gas Station
2. ☐ Bulk Storage
3. ☐ Utility
4. ☐ Mercantile
5. ☒ Industrial
6. ☐ Government
7. ☐ School
8. ☐ Residential
9. ☐ Agricultural
10. ☐ Other (specify): _____

C. TANK CONSTRUCTION:
1. ☒ Bare Steel
2. ☐ Cathodically Protected and Coated Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel
4. ☐ Fiberglass
5. ☐ Other (specify): _____
6. ☐ Relined - Date _____
7. ☐ Steel - Fiberglass Reinforced Plastic Composite
9. ☐ Unknown

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other: Unknown
Is Tank Double Walled? ☐ Yes ☒ No
Overfill Protection Provided? ☐ Yes ☒ No If yes, identify type:
Spill Containment? ☐ Yes ☒ No

Tank leak detection method: 1. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring 4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring 6. ☒ Not required at present 7. ☐ Manual Tank Gauging (only for tanks of 1,000 gallons or less)

D. PIPING CONSTRUCTION
1. ☒ Bare Steel 2. ☐ Cathodically Protected and Coated or Wrapped Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current) 3. ☐ Coated Steel
4. ☐ Fiberglass 5. ☐ Other (specify): _____ 9. ☐ Unknown

Piping System Type: 1. ☒ Pressurized piping with: A. ☐ auto shutoff; B. ☐ alarm; or C. ☐ flow restrictor 2. ☐ Suction piping with check valve at tank 3. ☐ Suction piping with check valve at pump and inspectable

Piping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring 3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line Leak Detector 6. ☒ Not Required

Approval: 1. ☐ Nat'l Std 2. ☐ UL 3. ☐ Other:
Double Walled: ☐ Yes ☒ No

E. TANK CONTENTS
1. ☐ Diesel
2. ☐ Leaded
3. ☐ Unleaded
4. ☐ Fuel Oil
5. ☐ Gasohol
6. ☒ Other (Water)
7. ☐ Empty
8. ☐ Sand/Gravel/Slurry
9. ☐ Unknown
10. ☐ Premix
11. ☐ Waste Oil
12. ☐ Propane
13. ☐ Chemical * _____ _____ _____
14. ☐ Kerosene
15. ☐ Aviation

* If # 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste.

If Tank Closed, Give Date (mo/day/yr):	Has a site assessment been completed? (see reverse side for details)
July 17, 1995	☐ Yes ☒ No Not required

If installation of a new tank is being reported, indicate who performed the installation inspection:
1. ☐ Fire Department 2. ☐ DILHR 3. ☐ Other (identify) _____

Name of Owner or Operator (please print):	Indicate Whether: ☐ Owner or ☐ Operator
Signature of Owner or Operator:	Date Signed:

SBD-7437 (R. 04/92)

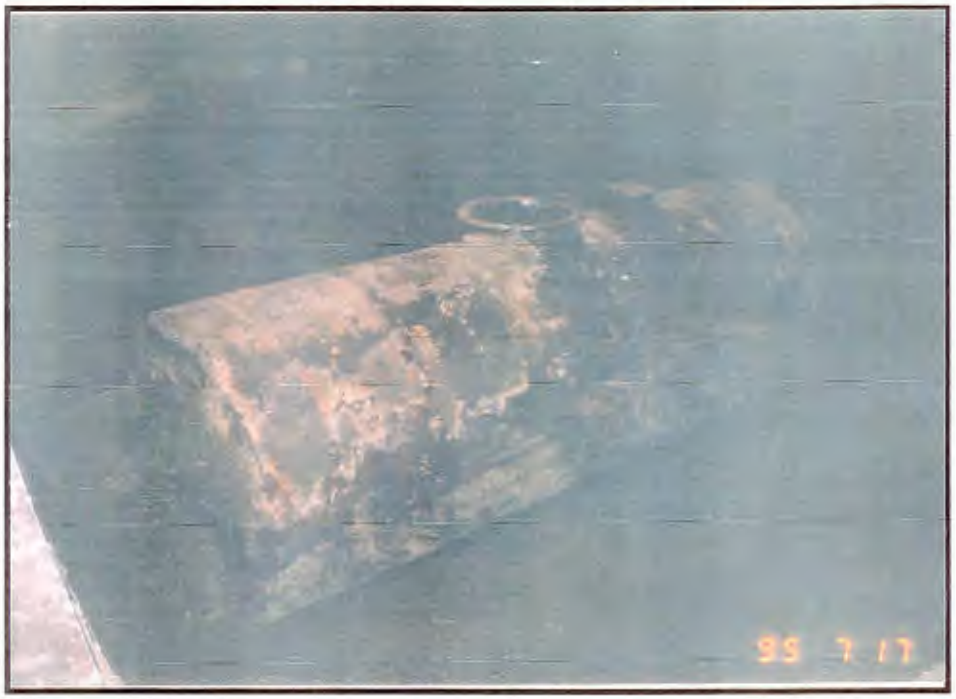
IMPORTANT: Complete as many items on this form as possible. Failure to provide sufficient information may cause you to fall under additional regulations.

ATTACHMENT D

PHOTODOCUMENTATION

Chrysler Corporation, Kenosha, WI
Bldg 53, Tank 9 Excavation

Photo # 1



Tank 9 inside excavation.

Photo # 2

Tank 9 removed from excavation.

TRIAD
ENGINEERING
INCORPORATED

Chrysler Corporation, Kenosha, WI
Bldg 53, Tank 9 Excavation

Photo # 3

Tank 9.

Photo # 4

Recirculated engine coolant water tank

TRIAD
ENGINEERING
INCORPORATED

Chrysler Corporation, Kenosha, WI
Bldg 53, Tank 9 Excavation

Photo # 5

Recirculated engine coolant water tank

Photo # 6

Recirculated engine coolant water tank

TRIAD
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INCORPORATED

ATTACHMENT E

TANK NO. 9 EXCAVATION
SIDEWALL SOIL SAMPLE ANALYTICAL RESULTS

Midwest Analytical Services, Inc.

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2727 Second Avenue
Detroit, Michigan 48201

Phone: 1-800-801-4MAS (MI only)
: (313) 964-3680
Fax No: (313) 964-2339

Date : 25-Jul-95

Client : ROSS CREIGHTON
: TRIAD ENGINEERING, INC.

Mas# : 50718012-015

PROJECT: : CHRYSLER CORP

Sample I.D. : BLDG 53 TANK EXC-N, BLDG 53 TANK EXC-S, BLDG 53 TANK EXC-E, BLANK-METHANOL

The above mentioned project has been completed in accordance with the quality control and quality assurance criteria specified by the American Association of Laboratory Accreditation/SW 846/MDNR/WDNR and EPA references from 40 CFR part 136 guidelines.

For your convenience the following legend applies to all the following data sheets.
1. Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.
2. N/D=Not detected, N/A=Not applicable
3. Results relate only to the items tested.
4. mg/l, mg/kg, mg/kg(dry weight) equal ppm(parts per million)
µg/l, µg/kg, µg/kg(dry weight) equal ppb(parts per billion)

If you have any questions regarding this project please feel free to contact me at 1-800-801-4MAS or 1-313-964-3680.

Thanking You,

Sincerely,

Nitin Barad.

Nitin Barad
Lab Manager

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IN: SMR
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TEST REPORT

MAS #:5 0 7 1 8 0 1 2

ROSS CREIGHTON
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Jul-95

JOB #: W943324.13

PROJECT: CHRYSLER CORP
SAMPLE IDENTIFICATION: BLDG 53 TANK EXC-N 07/17/95 1339
PHYSICAL DESCRIPTION: SOLID

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT	LAB TECH	DATE ANAL.
*DIESEL RANGE ORGANICS	360	10	MK	7/20/95

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: NO
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW +5 MIN.

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT	LAB TECH	DATE ANAL.
GASOLINE RANGE ORGANICS	N/D	10	MK	7/18/95

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: NO
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR
WAS SAMPLE ANALYZED WITHIN HOLDING TIME? YES
WAS SAMPLE RECEIVED IN METHANOL? YES

Nitin Barad.

Nitin Barad
Lab Manager

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IN: SMR
PAGE 2 OF 3

TEST REPORT

MAS #:5 0 7 1 8 0 1 2

continued

PROJECT: CHRYSLER CORP
SAMPLE IDENTIFICATION: BLDG 53 TANK EXC-N 07/17/95 1339
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 07/24/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5.0
BROMOBENZENE	N/D	5.0
BROMODICHLOROMETHANE.	N/D	5.0
n-BUTYLBENZENE	N/D	5.0
sec-BUTYLBENZENE	N/D	5.0
tert-BUTYLBENZENE.	N/D	5.0
CARBON TETRACHLORIDE	N/D	5.0
CHLOROBENZENE	N/D	5.0
CHLOROETHANE	N/D	5.0
CHLOROFORM	N/D	5.0
CHLOROMETHANE	N/D	5.0
2-CHLOROTOLUENE	N/D	5.0
4-CHLOROTOLUENE	N/D	5.0
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5.0
1,2-DIBROMOETHANE	N/D	5.0
DIBROMOCHLOROMETHANE.	N/D	5.0
1,2-DICHLOROBENZENE	N/D	5.0
1,3-DICHLOROBENZENE	N/D	5.0
1,4-DICHLOROBENZENE	N/D	5.0
DICHLORODIFLUOROMETHANE	N/D	5.0
1,1-DICHLOROETHANE	N/D	5.0
1,2-DICHLOROETHANE	N/D	5.0
1,1-DICHLOROETHENE	N/D	5.0
cis-1,2-DICHLOROETHENE	N/D	5.0
trans-1,2-DICHLOROETHENE	N/D	5.0
1,2-DICHLOROPROPANE	N/D	5.0
1,3-DICHLOROPROPANE	N/D	5.0
2,2-DICHLOROPROPANE	N/D	5.0
ETHYL BENZENE	N/D	5.0
HEXACHLOROBUTADIENE	N/D	5.0
ISOPROPYLBENZENE	N/D	5.0
p-ISOPROPYLTOLUENE	N/D	5.0
METHYLENE CHLORIDE	N/D	5.0
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	N/D	5.0

Nitin Barad.

Nitin Barad
Lab Manager

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IN: SMR
PAGE 3 OF 3

TEST REPORT

MAS #:5 0 7 1 8 0 1 2

continued

PROJECT: CHRYSLER CORP
SAMPLE IDENTIFICATION: BLDG 53 TANK EXC-N 07/17/95 1339
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
1,1,2,2-TETRACHLOROETHANE	N/D	5.0
TETRACHLOROETHENE	N/D	5.0
TOLUENE	N/D	5.0
1,2,3-TRICHLOROBENZENE	N/D	5.0
1,2,4-TRICHLOROBENZENE	N/D	5.0
1,1,1-TRICHLOROETHANE	N/D	5.0
1,1,2-TRICHLOROETHANE	N/D	5.0
TRICHLOROETHENE	N/D	5.0
TRICHLOROFLUOROMETHANE	N/D	5.0
1,2,4-TRIMETHYLBENZENE	N/D	5.0
1,3,5-TRIMETHYLBENZENE	N/D	5.0
VINYL CHLORIDE	N/D	5.0
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5.0

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Nitin Barad
Lab Manager

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TEST REPORT

MAS #:5 0 7 1 8 0 1 3

ROSS CREIGHTON
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Jul-95

JOB #: W943324.13

PROJECT: CHRYSLER CORP
SAMPLE IDENTIFICATION: BLDG 53 TANK EXC-S 07/17/95 1334
PHYSICAL DESCRIPTION: SOLID

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT	LAB TECH	DATE ANAL.
**DIESEL RANGE ORGANICS	*2400	10	MK	7/20/95

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

*. THE ANALYTE CONCENTRATION WAS FOUND TO BE OUTSIDE OF THE ESTABLISHED LINEAR RANGE OF QUANTITATION FOR THIS COMPOUND. THE REPORTED VALUE IS AN APPROXIMATION ONLY.
**EXTENDED TIME WINDOW +5 MIN.

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT	LAB TECH	DATE ANAL.
GASOLINE RANGE ORGANICS	15	10	MK	7/18/95

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR
WAS SAMPLE ANALYZED WITHIN HOLDING TIME? YES
WAS SAMPLE RECEIVED IN METHANOL? YES

Nitin Barad
Lab Manager

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IN: SMR
PAGE 2 OF 3

TEST REPORT
continued

MAS #:5 0 7 1 8 0 1 3

PROJECT: CHRYSLER CORP
SAMPLE IDENTIFICATION: BLDG 53 TANK EXC-S 07/17/95 1334
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 07/24/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5.0
BROMOBENZENE	N/D	5.0
BROMODICHLOROMETHANE.	N/D	5.0
n-BUTYLBENZENE	N/D	5.0
sec-BUTYLBENZENE	N/D	5.0
tert-BUTYLBENZENE.	N/D	5.0
CARBON TETRACHLORIDE	N/D	5.0
CHLOROBENZENE	N/D	5.0
CHLOROETHANE	N/D	5.0
CHLOROFORM	N/D	5.0
CHLOROMETHANE	N/D	5.0
2-CHLOROTOLUENE	N/D	5.0
4-CHLOROTOLUENE	N/D	5.0
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5.0
1,2-DIBROMOETHANE	N/D	5.0
DIBROMOCHLOROMETHANE.	N/D	5.0
1,2-DICHLOROBENZENE	N/D	5.0
1,3-DICHLOROBENZENE	N/D	5.0
1,4-DICHLOROBENZENE	N/D	5.0
DICHLORODIFLUOROMETHANE	N/D	5.0
1,1-DICHLOROETHANE	N/D	5.0
1,2-DICHLOROETHANE	N/D	5.0
1,1-DICHLOROETHENE	N/D	5.0
cis-1,2-DICHLOROETHENE	N/D	5.0
trans-1,2-DICHLOROETHENE	N/D	5.0
1,2-DICHLOROPROPANE	N/D	5.0
1,3-DICHLOROPROPANE	N/D	5.0
2,2-DICHLOROPROPANE	N/D	5.0
ETHYL BENZENE	9.4	5.0
HEXACHLOROBUTADIENE	N/D	5.0
ISOPROPYLBENZENE	84	5.0
p-ISOPROPYLTOLUENE	N/D	5.0
METHYLENE CHLORIDE	N/D	5.0
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	N/D	5.0

Nitin Barad.

Nitin Barad
Lab Manager

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IN: SMR
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TEST REPORT
continued

MAS #:5 0 7 1 8 0 1 3

PROJECT: CHRYSLER CORP
SAMPLE IDENTIFICATION: BLDG 53 TANK EXC-S 07/17/95 1334
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
1,1,2,2-TETRACHLOROETHANE	N/D	5.0
TETRACHLOROETHENE	N/D	5.0
TOLUENE	N/D	5.0
1,2,3-TRICHLOROBENZENE	N/D	5.0
1,2,4-TRICHLOROBENZENE	N/D	5.0
1,1,1-TRICHLOROETHANE	N/D	5.0
1,1,2-TRICHLOROETHANE	N/D	5.0
TRICHLOROETHENE	N/D	5.0
TRICHLOROFLUOROMETHANE	N/D	5.0
1,2,4-TRIMETHYLBENZENE	17	5.0
1,3,5-TRIMETHYLBENZENE	7.5	5.0
VINYL CHLORIDE	N/D	5.0
m & p-XYLENES	48	10
o-XYLENE	16	5.0

Nitin Barad.

Nitin Barad
Lab Manager

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IN: SMR
PAGE 1 OF 3

TEST REPORT

MAS #:5 0 7 1 8 0 1 4

ROSS CREIGHTON
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Jul-95

JOB #: W943324.13

PROJECT: CHRYSLER CORP
SAMPLE IDENTIFICATION: BLDG 53 TANK EXC-E 07/17/95 1349
PHYSICAL DESCRIPTION: SOLID

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT	LAB TECH	DATE ANAL.
*DIESEL RANGE ORGANICS	N/D	10	MK	7/20/95

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: NO
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
*EXTENDED TIME WINDOW +5 MIN.

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT	LAB TECH	DATE ANAL.
GASOLINE RANGE ORGANICS	N/D	10	MK	7/18/95

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: NO
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR
WAS SAMPLE ANALYZED WITHIN HOLDING TIME? YES
WAS SAMPLE RECEIVED IN METHANOL? YES

Nitin Barad.

Nitin Barad
Lab Manager

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PAGE 2 OF 3

TEST REPORT
continued

MAS #:5 0 7 1 8 0 1 4

PROJECT: CHRYSLER CORP
SAMPLE IDENTIFICATION: BLDG 53 TANK EXC-E 07/17/95 1349
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 07/24/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5.0
BROMOBENZENE	N/D	5.0
BROMODICHLOROMETHANE.	N/D	5.0
n-BUTYLBENZENE	N/D	5.0
sec-BUTYLBENZENE	N/D	5.0
tert-BUTYLBENZENE.	N/D	5.0
CARBON TETRACHLORIDE	N/D	5.0
CHLOROBENZENE	N/D	5.0
CHLOROETHANE	N/D	5.0
CHLOROFORM	N/D	5.0
CHLOROMETHANE	N/D	5.0
2-CHLOROTOLUENE	N/D	5.0
4-CHLOROTOLUENE	N/D	5.0
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5.0
1,2-DIBROMOETHANE	N/D	5.0
DIBROMOCHLOROMETHANE.	N/D	5.0
1,2-DICHLOROBENZENE	N/D	5.0
1,3-DICHLOROBENZENE	N/D	5.0
1,4-DICHLOROBENZENE	N/D	5.0
DICHLORODIFLUOROMETHANE	N/D	5.0
1,1-DICHLOROETHANE	N/D	5.0
1,2-DICHLOROETHANE	N/D	5.0
1,1-DICHLOROETHENE	N/D	5.0
cis-1,2-DICHLOROETHENE	N/D	5.0
trans-1,2-DICHLOROETHENE	N/D	5.0
1,2-DICHLOROPROPANE	N/D	5.0
1,3-DICHLOROPROPANE	N/D	5.0
2,2-DICHLOROPROPANE	N/D	5.0
ETHYL BENZENE	N/D	5.0
HEXACHLOROBUTADIENE	N/D	5.0
ISOPROPYLBENZENE	N/D	5.0
p-ISOPROPYLTOLUENE	N/D	5.0
METHYLENE CHLORIDE	N/D	5.0
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	N/D	5.0

Nitin Barad.

Nitin Barad
Lab Manager

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PAGE 3 OF 3

TEST REPORT
continued

MAS #:5 0 7 1 8 0 1 4

PROJECT: CHRYSLER CORP
SAMPLE IDENTIFICATION: BLDG 53 TANK EXC-E 07/17/95 1349
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
1,1,2,2-TETRACHLOROETHANE	N/D	5.0
TETRACHLOROETHENE	N/D	5.0
TOLUENE	N/D	5.0
1,2,3-TRICHLOROBENZENE	N/D	5.0
1,2,4-TRICHLOROBENZENE	N/D	5.0
1,1,1-TRICHLOROETHANE	N/D	5.0
1,1,2-TRICHLOROETHANE	N/D	5.0
TRICHLOROETHENE	N/D	5.0
TRICHLOROFLUOROMETHANE	N/D	5.0
1,2,4-TRIMETHYLBENZENE	N/D	5.0
1,3,5-TRIMETHYLBENZENE	N/D	5.0
VINYL CHLORIDE	N/D	5.0
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5.0

Nitin Barad.

Nitin Barad
Lab Manager

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TEST REPORT

MAS #:5 0 7 1 8 0 1 5

ROSS CREIGHTON
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Jul-95

JOB #: W943324.13

PROJECT: CHRYSLER CORP
SAMPLE IDENTIFICATION: BLANK-METHANOL 07/17/95
PHYSICAL DESCRIPTION: SOLID

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/l)	DETECTION LIMIT (mg/l)	LAB TECH	DATE ANAL.
GASOLINE RANGE ORGANICS	N/D	10	MK	7/18/95

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: NO
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): METHANOL
WAS SAMPLE ANALYZED WITHIN HOLDING TIME? YES
WAS SAMPLE RECEIVED IN METHANOL? YES, IS METHANOL

Nitin Barad.

Nitin Barad
Lab Manager

W[redacted]AN[redacted]TIC[redacted]ER[redacted]ES
325 E. CHIC[redacted]GO
MILWAUKEE, WI. 53202

CHAIN OF CUSTODY RECORD & SAMPLE ANALYSIS REQUEST

PHONE#: (4[redacted] 291-3788
FAX#: (414) 291-3799

CLIENT: Triad Engineering
SAMPLE COLLECTOR: JMR
P.O.#.:
RELEASE OR REFERENCE
JOB #: W943324.13
F/N
TEL #: 4442918840
PROJECT: Chrysler Corp
RESULTS TO THE ATTENTION OF: Ross Creighton
NEED FAXED: YES: ☒ NO: ☐ 414 291 8841

DETECTION LIMITS (DL)

PAGE 1 OF 1
NORMAL X
RUSH

G-GLASS
P-PLASTIC

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE *ORIGIN	SAMPLE MATRIX	ANALYSIS METHOD DRO (WI MODIFIED) (+S EXTENDED WINDOW) DL	ANALYSIS METHOD GRO (WI MODIFIED METHOD) DL	ANALYSIS METHOD VOCS (8260) DL	ANALYSIS METHOD DL	ANALYSIS METHOD DL	#	CONTAINERS SIZE	CONTAINERS TYPE	PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
1	BLDG 53 TANK EXC-N		7-17-95/1339	7	SOIL	X	X	X			3	202 402	G	methanol-HPD	507180
2	BLDG 53 TANK EXC-S		7-17-95/1334	7	SOIL	X	X	X			3	202 402	G	↓	013
3	BLDG 53 TANK EXC-E		7-17-95/1349	7	SOIL	X	X	X			3	202 402	G	↓	014
	Blank-methanol		7-17-95				X								015

Brown (Soil)

RELINQUISHED BY: (SIGNATURE) — DATE/TIME — RECEIVED BY: (SIGNATURE) — DATE/TIME

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME
[signature]	7/17/95 450 pm	[signature]	7/17/95 515
[signature]	7/17/95 515 pm	[signature]	7/18/95 9:18
		RECEIVED FOR LAB BY: [signature]	7-18-95 9:30 AM

* SAMPLE ORIGIN
1. DRINKING WATER
2. N.P.D.E.S.
3. WASTE WATER - CITY:
4. STORM WATER
5. TCLP WASTE
6. MDNR
7. WDNR
8. INTERNAL USE
9. RESEARCH
10. AIR
11. OTHER:

LAB USE ONLY:
STATUS OF THE SAMPLE RECEIVED:
TRANSPORT TEMPERATURE ON ICE
SEALED ☒ NOT SEALED ☐
RECEIVED BY:
MAIL ☒ DROP OFF ☐

FIELD CHARGES:
FIELD HOURS ☐
SET UP ☐
ISCO CHARGE ☐
PICK UP: ____ OF ____
C ☐ NC ☐

COMMENTS: All Samples on ice in a cooler

WHITE - MIDWEST COPY — YELLOW - DUPLICATE COPY — PINK- CLIENT COPY