



325 East Chicago Street  
Milwaukee, Wisconsin 53202  
414/291-8840  
Fax: 414/291-8841

February 2, 1996

Ms. Barbara Schmitt  
Site Consultant  
Pheasant Run Recycling and Disposal Facility (RDF)  
19414 60th Street  
Bristol, WI 53104

Dear Ms. Schmitt:

**RE: Existing Profile Extension Request (No. 3)  
Chrysler Corporation Kenosha Engine and Main Plant Properties  
Triad Engineering Project W943324.28**

This letter was prepared by Triad Engineering Incorporated (Triad) on behalf of Chrysler Corporation (Chrysler) to request a third extension to profile MW 28052 for biological treatment and disposal of additional soil generated at the Chrysler Kenosha Engine Plant property. A copy of the profile is contained in Attachment A. Attachment A also includes a letter (*Classification of Excavated Soil*, July 5, 1995) detailing the source and classification of the soil disposed under this profile. Profile MW 28052 originally applied to approximately 20,000 cubic yards (yds<sup>3</sup>) of affected soil excavated from the Kenosha Engine Plant property. An additional approximately 72,000 yds<sup>3</sup> of soil, excavated from the Engine Plant and former Main Plant, were added to this profile, as requested by Triad in *Existing Profile Extension Request* letters dated August 17, September 1, and October 4, 1995. These letters are also included in Attachment A. The excavation locations associated with the profile are shown on Figure 1.

Chrysler would like to add soil from three additional locations to the existing profile described above. The additional excavation locations and estimated volumes are shown on Figure 1 and are listed below.

- Buildings 38/39 (approximately 10,000 yds<sup>3</sup>)
- 2.7L Block Line Building (Building 65) Extension (approximately 7,000 yds<sup>3</sup>)
- New Shipping/Receiving Building (Building 68) approximately 8,000 yds<sup>3</sup>

The possible source and general concentrations of constituents detected in soil samples from these locations are similar to the possible sources and detected concentration ranges currently addressed by profile MW 28052. As such, the soil is not considered a listed hazardous waste as identified in NR 605.09, Wisconsin Administrative Code (WAC). In addition, based on available laboratory analytical data, the soil does not appear to be characteristically hazardous as defined in chapter NR 605.08, WAC. Additional information regarding possible sources, excavation locations, volumes, and laboratory analytical results for the additional soil is provided in the following sections.

#### Buildings 38/39.

As part of continuing upgrade activities at the Kenosha Engine Plant, new hydromation facilities and a 2.7L head assembly line will be installed in existing Buildings 38 and 39.



Ms. Barbara Schmitt  
February 2, 1996  
Page 2

Activities previously conducted in Buildings 38 and 39 included hot-testing, assembly, and machining. Excavation of existing concrete floor and subsurface fill and native material from an approximate 200-by-320-foot area is anticipated to be initiated February or March 1996. Proposed excavation depths will be approximately three to four feet in more than 97% of the excavation area, and up to 20 feet where two hydromatation fluid storage tanks (approximate dimensions: 15 feet wide by 35 feet long by 20 feet deep) will be installed.

Subsurface soil samples were collected from Buildings 38 and 39 in late December 1995 to preliminarily characterize subsurface soil conditions in the proposed excavation area. Twelve soil samples were submitted for volatile organic compound (VOC), gasoline range organic (GRO), and diesel range organic (DRO) analyses. In addition, three samples were submitted for WMWI Protocol B analyses. A summary of detected constituents and the analytical reports are included in Attachment B. The possible sources of constituents detected is unknown, but is probably consistent with the sources explained in the July 5, 1995, Classification of Excavated soil and subsequent profile extension request letters. Chrysler proposes that soil removed from Buildings 38/39 be directly transported to Pheasant Run RDF's bioremediation facility to avoid stockpiling and other logistical problems associated with double-handling excavated soil.

#### 2.7L Block Line Building (Building 65) Extension.

During July and August 1995, a new 2.7L Engine Block Line Building (Building 65) was constructed over the former Building 44 basement. Building 65 also extends south and east of former Building 44. Soil generated during construction of Building 65 and the associated analytical data were included in the first *Existing Profile Extension Request* (August 17, 1995).

In December 1995, Building 65 was extended 100 feet further to the east. To facilitate expansion, additional caissons and shallow spread footings were excavated and fire main and sewer facilities were rerouted and extended further east. (Soil generated during installation of the previous fire main was included in the August 17, 1995, request no. 1.) Approximately 7,000 yds<sup>3</sup> of additional soil were generated during the December expansion. Soil samples were collected from the shallow spread-footing excavations and the new fire main trench and submitted for VOC, DRO, and GRO analyses. A summary table of detected organic constituents and the analytical reports are included as Attachment C. One sample was also submitted for WMWI Protocol B analysis. The protocol B data are included in a summary table presented in Attachment B. The possible source of constituents detected in the Building 65 extension soil samples is most likely from migration of constituents in groundwater as described in the first *Existing Profile Extension Request* (August 17, 1995).

#### New Shipping/Receiving Building (Building 68).

As part of the Kenosha Engine Plant expansion and upgrading, a new shipping/receiving building (Building 68) will be built east of Building 53 between Buildings 54 and 36. Approximately 6000 yds<sup>3</sup> of soil from shallow spread-footing excavations, and caisson borings were excavated from within the proposed Building 68 footprint during December



Ms. Barbara Schmitt  
February 2, 1996  
Page 3

1995 and January 1996. Adjacent to the Building 68 area, trenches for fire mains, sewer services, and two railroad loading ramps were also excavated. The soil volume from these additional areas is approximately 2000 yds<sup>3</sup>. To evaluate subsurface conditions prior to construction, soil samples were collected for laboratory analysis during two GeoProbe™ investigations. Additional soil samples were collected on December 13, 1995, and January 10, 1996, from stockpiled soil. Constituents detected in Building 68 samples are summarized on a table included in Attachment D. Analytical reports are also included in Attachment D. The definite source of constituents detected in the soil samples is unknown, but it is probably consistent with the sources described in the July 5, 1995, *Classification of Excavated Soil* letter (Attachment A). No buildings or assembly/machinery lines were ever present in the proposed Building 68 area. The area was historically used for outdoor storage.

### CONCLUSION

As discussed above, possible sources of constituents detected in site soil samples from soil to be treated/disposed are similar or identical to the sources of constituents detected in soil previously disposed under Profile MW 28052. As such, Chrysler concludes that the spilled compounds were not clearly listed wastes, as applicable. Therefore, the soil does not contain listed hazardous waste and cannot be classified as hazardous and, unless additional analytical data indicate the soil is hazardous by characteristic, it should be managed under the Wisconsin Spills Law (s. 144.76) and corresponding regulations (NR 700 series, WAC).

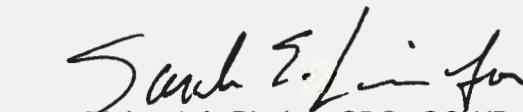
We request approval from you to include the above-mentioned soil in Profile MW 28052 in order to expedite renovation activities at the Chrysler Kenosha Engine Plant Facility. If you have any questions, please do not hesitate to call.

Sincerely,

TRIAD ENGINEERING INC.

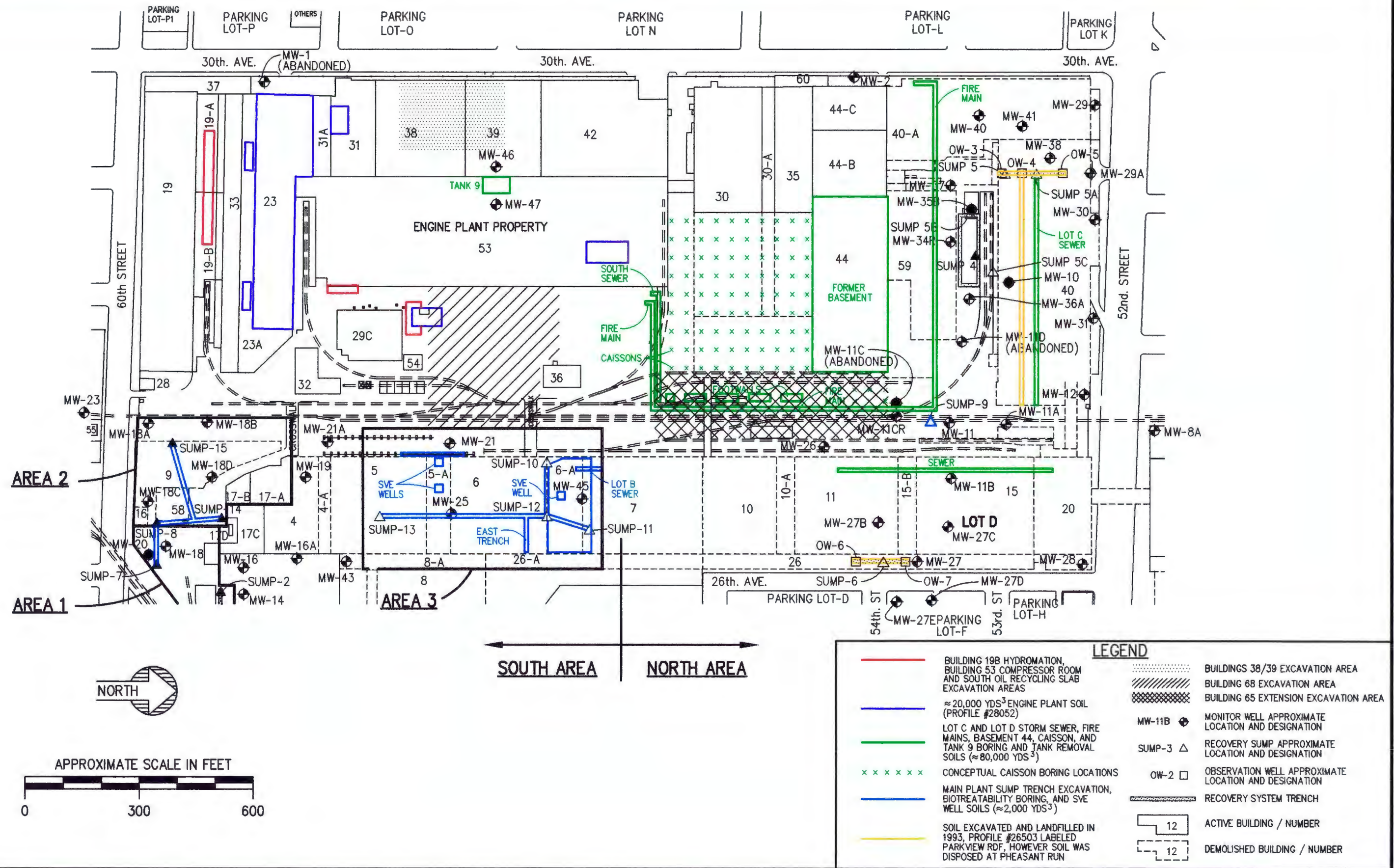
  
Ross M. Creighton  
Project Manager

TRIAD ENGINEERING INC.

  
Richard J. Binder, CPG, CGWP  
Senior Hydrogeologist

rjb:tdm\w943324\28\3324-b

c: Pamela A. Mylotta – Wisconsin Department of Natural Resources  
Curt Chapman – Chrysler Pollution Prevention and Remediation  
Jack Bugno – Chrysler Pollution Prevention and Remediation



**FIGURE 1**  
**CHRYSLER KENOSHA MAIN PLANT**  
**FACILITY LAYOUT**

**ATTACHMENT A**

**EXISTING PROFILE,  
CLASSIFICATION OF EXCAVATED SOIL, AND  
PREVIOUS PROFILE EXTENSION REQUEST LETTERS**



F. SAMPLING SOURCE (Omit for Type B) (e.g., Drum, Lagoon, Pit, Pond, Tank, Vat) \_\_\_\_\_

3. REPRESENTATIVE SAMPLE CERTIFICATION (Omit for Type B)

1. Print Sampler's Name: JEANNE M. RAMPONI 2. Sample Date: 6/21/95

3. Sampler's Title: HYDROGEOLOGIST

4. Sampler's Employer (if other than Generator): TRIAD ENGINEERING INCORPORATED

5. Sampler's signature certifies that any sample submitted is representative of the waste described above pursuant to 40 CFR 261.20(c) or equivalent rules.

5. Sampler's Signature: *Jeanne Ramponi*

H. GENERATOR CERTIFICATION

By signing this profile sheet, the Generator certifies:

1. This waste is not "Hazardous Waste" as defined by USEPA and/or state regulation.
2. This waste does not contain regulated radioactive materials or regulated concentrations of PCB's (Polychlorinated Biphenyls).
3. The waste does not contain regulated concentrations of the following pesticides and herbicides: Chlordane, Endrin, Heptachlor (and it's epoxide), Lindane, Methoxychlor, Toxaphene, 2, 4-D, or 2, 4, 5-TP (Silvex).
4. The waste does not contain halogenated compounds such as: tetrachloroethylene, trichloroethylene, methylene chloride, 1, 1, 1-trichloroethane, carbon tetrachloride, chloroform, ortho-dichlorobenzene, dichlorodifluoromethane, 1, 1, 2-trichloro-1, 2, 2-trifluoroethane, trichlorofluoromethane, 1, 1-dichloroethylene, and 1, 2-dichloroethylene at greater than 1% (10,000ppm) total solvent concentration. This listing includes any combination of the above named halogenated compounds where the total concentration or the sum of the concentrations of the individual compounds exceed 1% or 10,000 ppm on a weight to weight basis.
5. This sheet and the attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
6. The Generator has read and understands the Contractor's Definition of Special Waste included in Part B.5. of the attached instructions form. All types and amounts of special wastes provided in incidental amounts have been identified in section B.6. of this form.
7. The analytical data presented herein or attached hereto were derived from testing a representative sample taken in accordance with 40 CFR 261.20(c) or equivalent rules.
8. If any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing the waste to the Contractor.

9. Signature: *John P. Bugno* 10. Title: SITE ADMINISTRATOR/WISCONSIN OPERATIONS

11. Name (Type or Print): JOHN P. BUGNO 12. Date: 7/11/95

NOTE: Omit sections D., E., F., and G., for Type B waste.

Comments:

RECEIVED



Chrysler Corporation  
Featherstone Road Center

JUL 5 1995

Pollution Prevention  
& Remediation

July 5, 1995

Ms. Pamela A. Mylotta  
Environmental Repair Project Manager  
State of Wisconsin Department of Natural Resources  
4041 N. Richards Street  
P.O. Box 12436  
Milwaukee, WI 53212

RE: Classification of Excavated Soils  
Chrysler Corporation – Kenosha Engine Plant  
Kenosha, Wisconsin

Dear Ms. Mylotta:

Per your request, this letter has been prepared to document that soils excavated from the Kenosha Engine Plant facility, and described herein, are not listed hazardous wastes as defined under Wisconsin Statute Section 144 and implemented under Chapters NR 600 et al., Wisconsin Administrative Code (WAC). We request your concurrence in order to assess appropriate disposal/treatment options for the soils. Background and source evaluation information is provided in the following sections. Supporting documentation is provided as attachments.

BACKGROUND

Based on available information, approximately 20,000 cubic yards of soils were generated during excavation activities conducted during upgrading of assembly lines and manufacturing areas at the Kenosha Engine Plant. The excavated soils are from the unsaturated and saturated zones. These soils came primarily from the following four locations in the Engine Plant: (1) the modified oil recycling building slab (located north of Building 29C), (2) building 31, (3) Building 23/23A, and (4) Building 53 (Figure 1). The soils were moved to the area of former Buildings 10, 10A, 11, 15B, and 15. This area is currently paved. The soil piles were subsequently divided into 300-yard parcels and individually described and characterized via field screening and laboratory analysis of discrete samples for volatile organic compounds (VOCs; EPA Method 8260), gasoline range organics (GRO; Wisconsin DNR Modified GRO Method), diesel range organics (DRO; Wisconsin DNR Modified GRO Method), and select metals (EPA SW 846 Methods). An evaluation of remedial disposal and treatment options including soil sampling methodologies will be submitted under separate cover at a later date. The approximate size, location, and classifications of the resulting soil piles are depicted on Figures 2 through 4.



Chrysler Corporation  
Featherstone Road Center

Ms. Pamela Mylotta  
July 5, 1995  
Page 2

A summary of detected constituents in site soil samples is presented in Tables 1 and 2. Detected constituents include tetrachloroethene (PCE), trichloroethene (TCE), and related breakdown products. Depending on its origin, PCE and TCE may be classified as listed wastes. In order to evaluate soil disposal and/or treatment options, Chrysler reviewed available information to assess the source of the release. The evaluation included conducting interviews with Chrysler personnel and reviewing plant records.

### SOURCE EVALUATION

The most likely sources of PCE and TCE may be paint booths that were formerly located along the wall between Buildings 38 and 53, a bulk cleaning fluid storage area formerly located at Building 36, and above-ground paint supply lines from a paint mixing area located in Building 40A. Available information does not indicate the use of PCE near the other excavation areas. Additional Remedial Investigation to evaluate the extent of possible historical releases in these areas is underway.

The paint booths were active from approximately 1946 to 1986. Prior to paint application, metal parts were degreased using various PCE and TCE products. There are no records of spent materials being spilled in the area.

The fluid storage area was used from 1946 to 1988. Reportedly, PCE and TCE may have been spilled during transportation of drums from one area to another. Drums of solvents were stored in Building 36 and transported to other areas via pallets and forklifts. Drums may have leaked during loading and unloading operations. Small amounts of product left in used drums which were not sold may also have been a source of PCE and TCE.

The paint product line was used from approximately 1946 to 1986. Bulk storage of cleaning and paint viscosity adjusting solvents occurred in the area of the former tank farm located at the north end of the Engine Plant. Paint mixing was performed near the test cell area in former Building 40A. As you are aware, Remedial Investigation has been completed in this area. Remedial action, including groundwater recovery/treatment is ongoing. The mixed paint was then transported to the paint booths through several buildings via an above-ground piping system. Excess paint was also piped through the above-ground system back to former Building 40A for reuse. PCE and TCE, mixed with paint, may have been released through accidental discharges or leaks in the piping system. Based on interviews with employees, occasional leaks in PCE/TCE supply lines and occasional overflow from product tanks during filling operations may have occurred.

Chrysler Corporation  
Featherstone Road Center

Ms. Pamela Mylotta  
July 5, 1995  
Page 3

It should be noted that Chrysler recognizes its responsibility under NR 600, WAC, to determine whether the soils exhibit hazardous characteristics. If the soils exhibit hazardous characteristics, then they must be handled as characteristic hazardous waste. The soil characterization will be completed prior to submitting the remedial disposal/treatment options analysis.

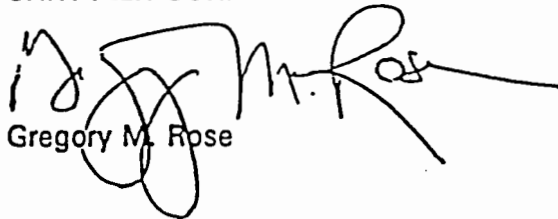
### CONCLUSION

As discussed above, there are a number of potential sources of PCE, TCE, and their breakdown products detected in soil samples from the soil piles. As such, Chrysler concludes that the spilled solvents were not clearly a listed waste, therefore, the soils do not contain a listed hazardous waste and cannot be classified as hazardous by the mixture rules. The soils contain hazardous substances and, unless additional analytical data indicate the soils are hazardous by characteristic, they should be managed under the Wisconsin spills law (s. 144.76) and corresponding regulations (NR 700 series, WAC).

We request your concurrence in order to assess appropriate treatment/disposal options for the soils. I trust this information meets your needs. If you have any questions or comments, please do not hesitate to call.

Sincerely,

CHRYSLER CORPORATION














Gregory M. Rose

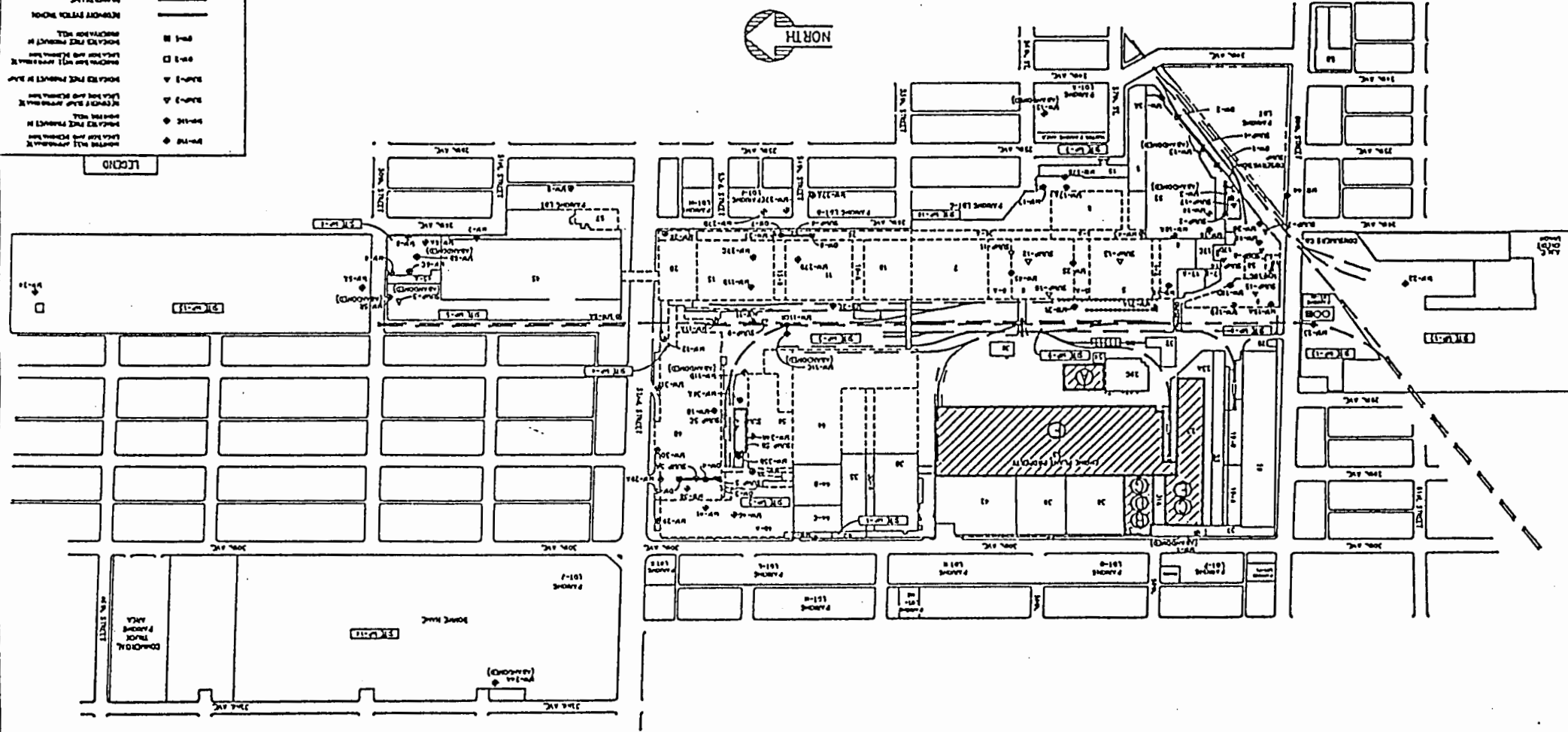
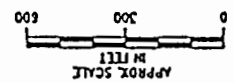
W9433241943324.211943324-B

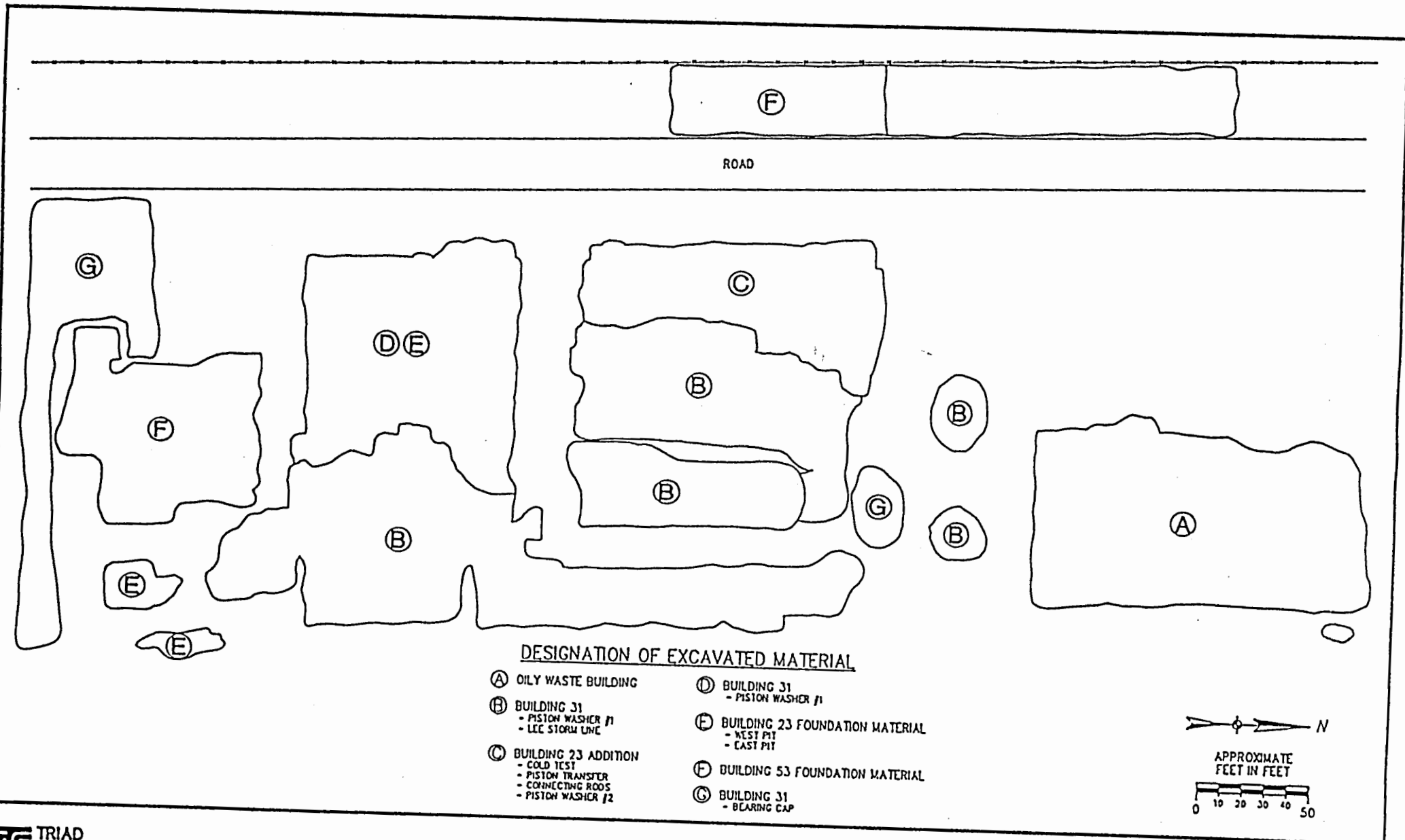
cc: Curt Chapman/Chrysler  
Richard Binder/Triad Engineering

FIGURE 1  
 CHRYSLER KENOSHA ENGINE  
 AND MAIN PLANT  
 FACILITY LAYOUT

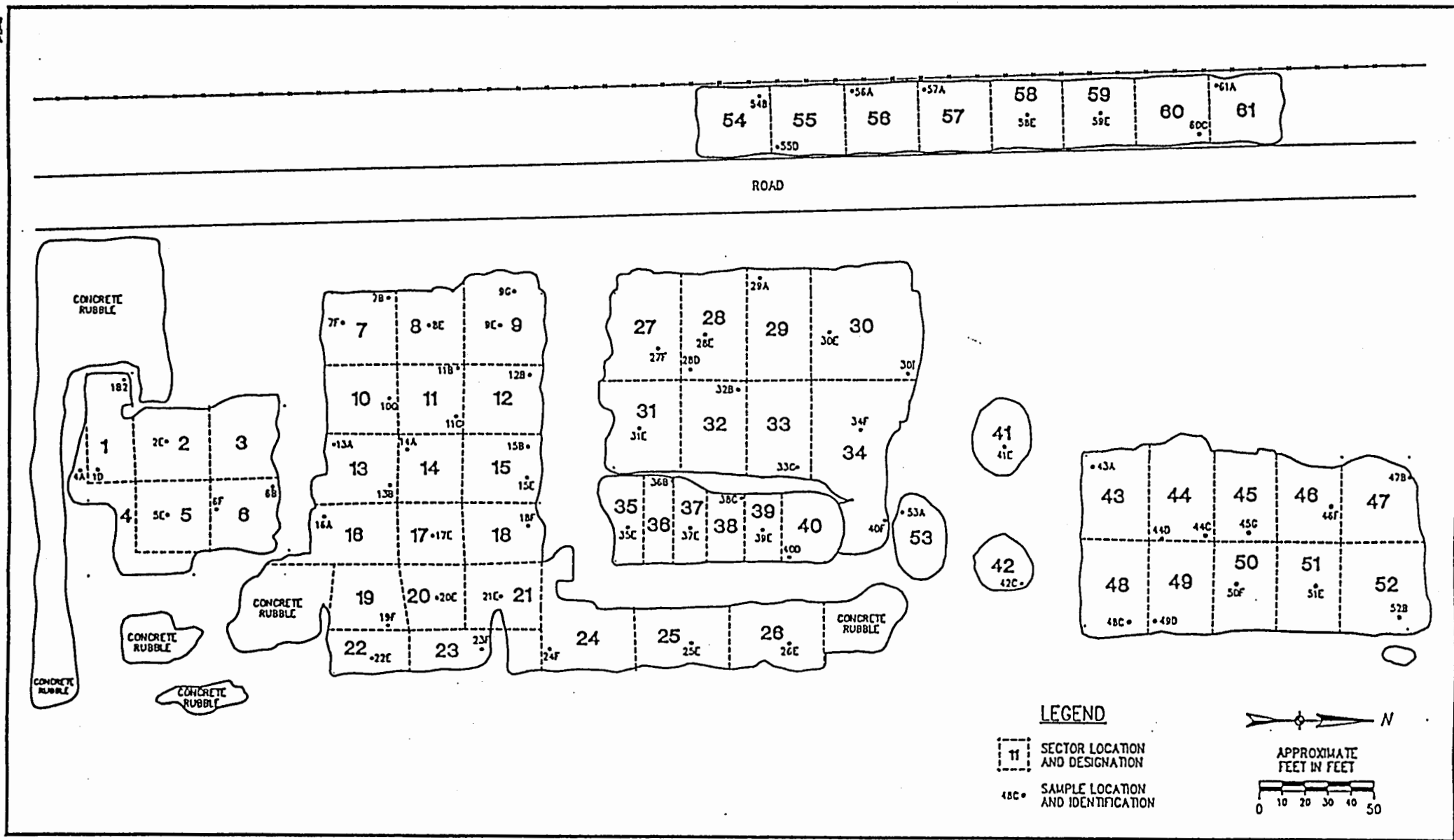
**LEGEND**

	AREAS A-F REFER TO THE DEPOSITION OF SOIL FILLS AS INDICATED ON FIGURE 2
	HOUSING BLOCK / PARK
	ALIVE BARRICADE / PARK
	FORCE LINE
	PROPERTY LINE
	NETWORK ENTRY POINT
	PROPERTY LINE
	PROPERTY LINE
	PROPERTY LINE
	PROPERTY LINE
	PROPERTY LINE



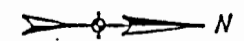


**FIGURE 2**  
**CHRYSLER KENOSKA ENGINE**  
**AND MAIN PLANT**  
**SOIL PILE DESIGNATIONS**



**LEGEND**

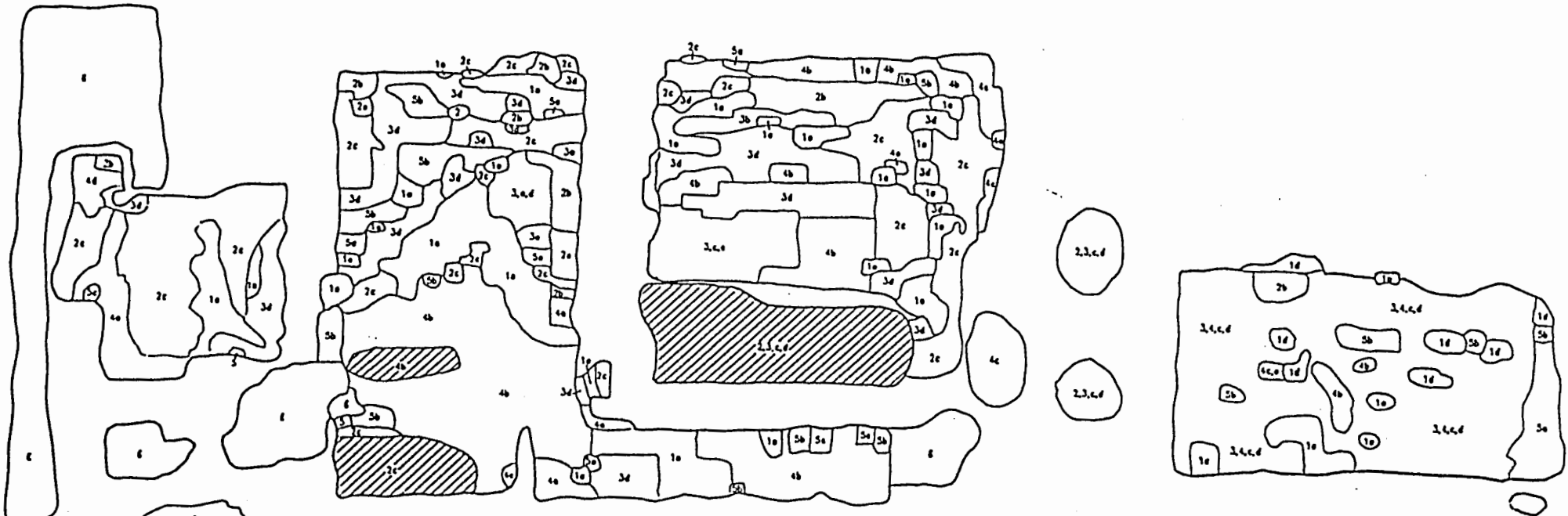
- 11 SECTOR LOCATION AND DESIGNATION
- 48C SAMPLE LOCATION AND IDENTIFICATION



**FIGURE 3**  
**CHRYSLER KENOSHA ENGINE AND MAIN PLANT**  
**SOIL PILE SECTORS AND SAMPLE LOCATIONS**

UNMAPPED SOILS (Contains soils from classifications 1-5, however the soils are primarily from classifications 2 and 3)

ROAD



**LEGEND**



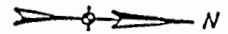
AREAS APPROXIMATELY 8 TO 10 FEET HIGH, ALL OTHER AREAS ARE APPROXIMATELY 5 FEET HIGH

**SOIL CLASSIFICATION:**

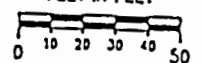
- 1 = FINE SAND - SILTY, FINE GRAINED, WELL SORTED SANDS, MAY CONTAIN ANGULAR, DOLOMITIC, FINE GRAINED GRAVELS.
- 2 = SILTY SAND AND GRAVEL - SILTY SAND, SOME FOUNDRY SLAGS, FEW GRAVELS, FEW BAKED FOUNDRY SANDS FINE TO COARSE GRAVEL SIZE.
- 3 = CLAY LUMPS, SILTS AND SANDS - SOME CLAY LUMPS MIXED WITH SILTS, SANDS, TRACE TO FEW GRAVELS AND TRACE WOOD FRAGMENTS.
- 4 = SILTY CLAYEY SANDS - SILTY SANDS/SANDY SILTS, TRACE TO FEW CLAYS, TRACE TO FEW GRAVELS, MAY CONTAIN RUSTY NAILS, TRACE WOOD, TRACE BRICKS AND TRACE TO FEW FOUNDRY MATERIALS.
- 5 = SAND AND GRAVEL - SILTY SANDS MIXED WITH SOME ANGULAR, DOLOMITIC, FINE GRAINED GRAVELS.
- 6 = CONCRETE RUBBLE

**SOIL COLOR:**

- a = LIGHT BROWN
- b = BROWN
- c = RUSTY BROWN
- d = BROWNISH GREY
- e = DARK BROWN/BLACK



APPROXIMATE FEET IN FEET



**FIGURE 4**  
**CHRYSLER KENOSHA ENGINE**  
**AND MAIN PLANT**  
**SOIL CLASSIFICATIONS**


SOIL PILE CHARACTERIZATION  
 SUMMARY OF DETECTED VOLATILE ORGANIC COMPOUNDS IN SOILS  
 CHRYSLER CORPORATION  
 KENOSHA MAIN PLANT, KENOSHA, WISCONSIN

SAMPLE RESULTS (in micrograms per kilogram)

SAMPLE ID.	DATE COLLECTED	U.S. EPA METHOD	LAB IDENTIFICATION	BENZENE	m-XYLENE	p-XYLENE	o-XYLENE	CHLOROBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1,1-DICHLOROETHANE	1,2-DICHLOROETHANE	1,1,1-DICHLOROETHANE	ETHYL BENZENE	HEXACHLOROCYCLOHEXANE	ISOPROPYLBENZENE	p-ISOPROPYLTOLUENE	METHYLENE CHLORIDE	1,1,1,2-TETRAETHANE	NAPHTHALENE	m-PROPYL BENZENE	TETRACHLOROETHENE	TOUENE	1,2,3-TRICHLOROBENZENE	1,2,4-TRICHLOROBENZENE	1,1,1-TRICHLOROETHANE	1,1,2-TRICHLOROETHANE	TRICHLOROETHENE	1,2,4-TRIMETHYLBENZENE	1,3,5-TRIMETHYLBENZENE	VALYL CHLORIDE	m & p-XYLENE	p-XYLENE	D60 (mg/g)	C60 (mg/g)
1D	3/30/95	8260A	50403020	<5	16	<5	<5	<5	<5	<5	<5	<5	<5	120	<5	<5	<5	<5	<5	<5	<5	7.9	10	<5	<5	<5	<5	5.3	420	35	<5	<5	<10	<5	24	<10
2E	3/30/95	8260A	50403024	42	<5	<5	<5	<5	19	5.1	5.8	<5	<5	1100*	<5	<5	<5	<5	<5	<5	<5	6.5	7.2	<5	<5	<5	<5	150	8.4	<5	<5	<10	<5	<10	<10	
3A	3/30/95	8260A	50403021	<5	12	<5	<5	<5	<5	<5	<5	<5	<5	54	<5	<5	<5	<5	<5	<5	<5	<5	17	<5	<5	<5	160	20	5.1	<5	<10	<5	21	<10		
4A	3/30/95	8260A	50403023	5.7	<5	<5	<5	<5	<5	<5	<5	<5	<5	630	<5	<5	<5	<5	<5	<5	<5	20	11	<5	<5	6.5	540*	7.0	<5	<10	<5	35	<10			
5E	3/30/95	8260A	50403022	<5	14	<5	<5	<5	13	<5	18	<5	<5	150	<5	<5	<5	<5	<5	<5	<5	8.4	16	<5	<5	8.8	440	34	<5	<10	<5	<10	<10			
6B	3/30/95	8260A	50403025	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	9.7	<5	<5	<5	<5	<5	<5	<5	6.6	<5	<5	<5	<5	8.6	13	<5	<5	<10	<5	480	<10		
6F	3/30/95	8260A	50403026	5.7	14	<5	<5	<5	<5	<5	<5	<5	<5	170	<5	<5	<5	<5	<5	<5	<5	6.8	<5	<5	<5	<5	17	<5	<5	<10	<5	730	<10			
7D	4/5/95	8260A	50407040	<5	4.4	<5	<5	<5	<5	<5	<5	<5	<5	030*	13	<5	<5	<5	<5	<5	<5	6.8	11	10	<5	<5	42	<5	<5	<10	<5	<10	<10			
7F	4/5/95	NA	50407050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1600	NA	
8E	4/5/95	8260A	50407052	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1400*	180	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	370	<5	<5	<10	<5	<10	<10	NA		
9G	4/5/95	NA	50407053	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1200	NA
10B	4/5/95	8260A	50407054	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	9100*	200	<5	<5	<5	55	<5	<5	19	19	31	<5	<5	11000*	<5	<5	<10	<5	<10	<5	<10	14	
11B	4/5/95	8260A	50407055	<5	<5	<5	<5	18	100	120	8.8	<5	<5	2500*	51	<5	<5	<5	<5	5.6	<5	5.1	<5	91	790*	85	<5	960*	<5	<5	<10	<5	<10	<10	<10	
11C	4/5/95	8260A	50407002	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	1500	<10		
12A	4/5/95	8260A	50407056	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	160	<5	<5	<5	<5	<5	49	<5	9.1	<5	<5	<5	240*	<5	<5	<10	<5	<10	<5	1700	<10		
13A	4/5/95	8260A	50407057	6.1	<5	<5	<5	27	170	140	<5	<5	<5	1400*	21	<5	<5	<5	<5	5.2	<5	6.2	<5	130	1100*	52	<5	260*	<5	<5	<10	<5	150	<10		
13C	4/5/95	NA	50407058	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	970	NA	
14A	4/5/95	8260A	50407059	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	3600*	140	<5	<5	<5	50	<5	<5	<5	<5	<5	<5	8.0	<5	16	<5	<5	<10	<5	580	<10		
15B	4/5/95	NA	50407060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3700	NA	
15E	4/5/95	8260A	50407061	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000*	32	<5	<5	<5	110	<5	1.4	<5	6.5	8.5	9.7	16	<5	<5	1300*	<5	<5	<10	<5	440	<10	
16A	4/6/95	8260A	50410001	<5	7.3	<5	<5	<5	<5	<5	<5	<5	<5	110	<5	<5	<5	<5	210	<5	<5	<5	<5	<5	5.0	<5	35	12	<5	<5	<10	<5	1700	<10		
17E	4/6/95	8260A	50410002	<5	7.4	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	310	<5	<5	18	<5	<5	8.2	<5	<5	<5	<5	<5	10	6.3	700	<10		
18F	4/6/95	8260A	50410003	<5	13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1300	<5	11	<5	<5	<5	5.2	<5	<5	11	<5	<5	<10	<5	440	15		
19F	4/6/95	8260A	50410004	<5	23	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6.7	200	<5	17	<5	12	7.4	19	19	5.0	<5	29	<5	<5	<10	<5	160	14	
20E	4/6/95	8260A	50410005	<5	44	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	14	100	<5	29	<5	<5	<5	<5	30	11	<5	<10	<5	1700	14				
21E	4/6/95	8260A	50410006	<5	34	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	17	880	<5	33	5.1	<5	<5	<5	<5	31	<5	<5	<10	<5	960	18			
22E	4/6/95	8260A	50410007	<5	5.0	11	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	450	<5	<5	<5	<5	6.6	<5	93	<5	7.6	35	20	<5	10	<5	43	<10		
23F	4/6/95	8260A	50410008	<5	50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	7.8	35	300	<5	19	<5	<5	5.3	<5	8.5	19	<5	10	<5	1200	11			
24F	4/6/95	8260A	50410009	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	610	<50	<50	<50	<50	370	<50	1700	<50	<50	<50	<50	220	<50	150	<50	<50	400	80			
25E	4/6/95	8260A	50410010	<5	6.9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	260	<5	6.9	<5	<5	<5	<5	8	<5	<5	<5	<5	<5	<5	870	20		
26E	4/6/95	8260A	50410011	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	160	<5	<5	<5	<5	<5	<5	<5	5.9	<5	<5	<5	<5	890	12			
28D	4/7/95	8260A	50410016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1500	<5	28	<5	<5	20	8.7	<5	<5	25	<5	<5	<5	<5	<5	920	<10	
28E	4/7/95	8260A	50410014	<5	34	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	18	160	<5	16	<5	<5	<5	<5	5.6	37	17	<5	<5	<5	28	14			
29A	4/7/95	8260A	50410015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	47	<5	<5	<5	<5	<5	<5	<5	390	<5	<5	<5	<5	<5	11	<10			
30E	4/7/95	8260A	50410019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	150	<5	<5	<5	<5	<5	<5	<5	320	<5	<5	<5	<5	<5	<5	<10	<10		
31E	4/7/95	8260A	50410017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	300	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1400	<10		
32B	4/7/95	8260A	50410018	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	17	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	4200	<10		
33C	4/7/95	8260A	50410032	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	3100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1300	<10	
34F	4/7/95	8260A	50410021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	150	<5	<5	<5	<5	360	<5	<5	9	<5	<5	<5	7.5	<5	<5	<5	<5	<5	<5	<5	<10	<10	
35E	4/7/95	8260A	50410022	15	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	10	<5	350	<5	1900	<5	<5	6.7	<5	<5	<5	<5	350	<5	21	10	<5	220	<10		
36B	4/7/95	8260A	50410023	<5	<5	<5	150	17	38	38	<5	<5	<5	200	<5	3.9	<5	5.2	<5</																	






**TABLE 2**  
**SOIL PILE CHARACTERIZATION**  
**SUMMARY OF DETECTED METALS IN SOIL**  
**CHRYSLER CORPORATION**  
**KENOSHA MAIN PLANT, KENOSHA, WISCONSIN**

SAMPLE I.D.	DATE COLLECTED	LAB IDENTIFICATION <sup>(1)</sup>	TOTAL METALS (milligrams per kilogram)							
			ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER
4A	3/30/95	50403023	3.7	283	0.61	77	2260	<0.10	<0.50	<0.50
8E	4/5/95	50407051	1.1	18	<0.40	4.0	14	<0.10	<0.50	<0.50
19F	4/6/95	50410004	7.1	49	0.55	11	36	<0.10	<0.50	<0.50
35E	4/7/95	50410022	3.5	144	6.4	61	2120	<0.10	<0.50	<0.50
40F	4/7/95	50410028	2	79	<0.40	12	120	<0.10	<0.50	<0.50
53A	4/7/95	50410029	4.5	255	<0.40	13	89	<0.10	<0.50	<0.50
50F	4/10/95	50411012	4.4	198	1.5	93	3110	0.11	<0.50	<0.50
Method			6010A	6010A	6010A	6010A	7420	7471A	7741A	6010A
Method Detection Limit			0.1	1.0	0.40	2.5	0.50	0.10	0.50	0.50
NR 720 Industrial Standards <sup>(2)</sup>			1.6	NE	510	200	500	NE	NE	NE
U.S. EPA Common Background Range <sup>(3)</sup>			1-50	100-3000	0.01-0.7	1-1000	2-200	0.01-0.3	0.1-2	0.01-5
U.S. EPA Average <sup>(3)</sup>			5	430	0.6	100	10	0.03	0.3	0.05

(1) Analysis Performed by Midwest Analytical Services, Inc., (MAS), Metropolitan Center for High Technology, 2727 Second Avenue, Detroit, Michigan 48201 (WDNR Lab Id No. 999041580).

(2) Soil cleanup standards for Industrial sites given in Chapter NR 720, Wisconsin Administrative Code.

(3) United States Environmental Protection Agency (U.S. EPA) Office of Solid Waste and Emergency Response, Hazardous Waste Land Treatment, SW-874 (April 1983).

NE - Not Established



**TE** TRIAD  
ENGINEERING  
INCORPORATED

August 17, 1995

Ms. Barbara Schmitt  
Site Consultant  
Pheasant Run Recycling and Disposal Facility  
19414 60th Street  
Bristol, WI 53104

RE: Existing Profile Extension Request  
Chrysler Corporation Kenosha Engine and Main Plant Properties  
Triad Engineering Project W943324.27

Dear Ms. Schmitt:

This letter was prepared by Triad Engineering Incorporated (Triad) on behalf of Chrysler Corporation (Chrysler) to request an extension to either profile MW 28052 or MW 26503 for biological treatment and disposal of additional soil generated at the Chrysler Kenosha Engine and Main Plant properties. A copy of each profile is contained in Attachment A. Profile MW 28052 currently applies to approximately 20,000 cubic yards (yds<sup>3</sup>) of affected soil excavated from the Kenosha Engine Plant property. Profile MW 26503 was used for disposal of approximately 2,500 yds<sup>3</sup> of Main Plant property soil in 1993. The excavation locations associated with the profiles are shown on Figure 1.

Chrysler would like to add soil from several additional locations to one of the existing profiles described above. The additional excavation locations are shown on Figure 1 and are listed below.

- Building 53/Tank 9 (approximately 110 yds<sup>3</sup>)
- Lot C, Lot D, and Fire Main (approximately 15,000 yds<sup>3</sup>)
- Building 44 Basement (approximately 56,000 yds<sup>3</sup>)
- 2.7L Engine Block Line Caisson Borings (approximately 2,800 yds<sup>3</sup>)
- Main Plant Sump and Trench Excavations (approximately 2,000 yds<sup>3</sup>)
- Soil from Main Plant treatability and characterization testing and soil vapor extraction (SVE) well borings (approximately 10 yds<sup>3</sup>)

The potential source and general concentrations of constituents detected in soil samples from these locations are similar to the potential sources and detected concentration ranges currently addressed by profiles MW 28052 and MW 26503. As such, the soil is not considered a listed hazardous waste as identified in NR 605.09, Wisconsin Administrative Code (WAC). In addition, based on available laboratory analytical data, the soil does not appear to be characteristically hazardous as defined in chapter NR 605.08, WAC. Additional information regarding potential sources, excavation locations, volumes, and laboratory analytical results for the additional soil is provided in the following sections.

325 east chicago street  
milwaukee, wisconsin 53202  
414/291-8840  
fax: 414/291-8841



Ms. Barbara Schmitt  
August 17, 1995  
Page 2

### Building 53/Tank 9

In November 1994, four soil borings were advanced in the vicinity of Tank 9 in Buildings 53 and 39. Approximately 10 cubic yards of soil were generated and placed in drums which were temporarily staged on site. Soil samples were collected from each boring location and analyzed for diesel range organics (DRO), polyaromatic hydrocarbons (PAHs), lead, cadmium, and volatile organic compounds (VOCs). During the week of July 17, 1995, two underground storage tanks (USTs), which formerly contained recirculated water and oil (respectively), were removed from beneath the Building 53 foundation. Approximately 100 yds<sup>3</sup> of soil excavated during the UST removal were stockpiled on-site. Soil samples from the UST excavation were submitted for laboratory analysis for DRO, gasoline range organics (GRO), and VOCs.

A summary table of detected constituents in Building 53/Tank 9 soil samples and laboratory documentation is contained in Attachment B. In general, DRO and low levels of petroleum VOCs were detected in the samples. Following review of the analytical data (Attachment B), the drum contents were emptied onto the Building 53/Tank 9 soil stockpile in early August. The source of constituents detected in the Building 53/Tank 9 soil samples is likely from the UST 9 overflow or accidental spillage, as the tank was in good condition when removed.

### Lot C, Lot D, and Fire Main

As part of Engine Plant expansion, two new employee parking lots (C and D) and two fire main trenches were constructed at the Chrysler facility (Figure 1). New storm sewers and catch basins were constructed in each parking lot. Construction of the new storm sewer and fire main trenches generated approximately 15,000 yds<sup>3</sup> of soil. Excavation of the Lot C sewer and the fire main trench were initiated the week of July 3. Lot D sewer excavation was initiated the week of July 17. One soil sample was collected for approximately every 300 yds<sup>3</sup> excavated and submitted for VOC, GRO, and DRO analyses. Three additional samples were collected and submitted for Waste Management of Wisconsin, Inc. (WMWI) Protocol B analysis. Ms. Pamela A. Mylotta of the Wisconsin Department of Natural Resources (WDNR) has concurred with this approach to characterize the soil. Analytical data received to date and a summary table of detected constituents in soil samples are included in Attachment C.

The definite source of constituents detected in Lot C sewer excavation soil samples is unknown, but is probably consistent with the sources described in the July 5, 1995 *Classification of Excavated Soil* letter addressed to Ms. Pamela Mylotta at the WDNR (see profile MW 26503; Attachment A). The Lot C sewer excavation is located immediately north of the former UST farm in the vicinity of active groundwater recovery systems at Sumps 4 and 5 and east of the former paint mixing and distribution area in Building 40A. Soil from this area was previously disposed in 1993 under profile MW 28052.

The source of constituents detected in fire main trench soil samples is unknown, but may be due to inadvertent spills associated with unloading bulk virgin product from railroad cars or migration from other areas along the water table. The fire main excavation is located between several former railroad lines.



Ms. Barbara Schmitt

August 17, 1995

Page 3

The Lot D sewer excavation is located on Main Plant property in the vicinity of former Buildings 10, 10A, 11, 15B, and 15. Former manufacturing activities in this area included painting operations and gasoline distribution. The exact source of VOC, DRO, and GRO constituents detected in Lot D sewer excavation soil samples is unknown, but may be due in part to migration of constituents at the water table.

#### Former Building 44 Basement

Expansion activities at the Chrysler site also included the excavation of the former Building 44 basement. The basement was backfilled with construction debris and fill material during 1990 Main Plant deactivation and building demolition. Materials were excavated from within the basement and replaced with engineered backfill to meet construction specifications for the new 2.7L Engine Block Line Building. Approximately 56,000 yds<sup>3</sup> of excavation material were generated between July 24 and August 14. It was estimated that approximately one-fourth of the material consists of concrete which will be recycled.

The backfill material was preliminarily characterized during installation of 8 sump excavations. The sumps were installed to facilitate dewatering the basement during backfill replacement. One soil sample was collected from both the unsaturated and saturated zones of each sump excavation. Soil samples were submitted for VOC, DRO, GRO, and polychlorinated biphenol (PCB) analyses (16 samples total) and the saturated soil samples (8 total) were also submitted for WMWI Protocol B analysis. A summary table of detected constituents and analytical results received to date is presented in Attachment D. Based on these results, relatively low concentrations of GRO, DRO, and VOCs were generally detected in the former Building 44 basement backfill material soil samples. No WMWI Protocol B parameters were detected at concentrations in excess of landfill acceptance limits. The potential source of the VOC, GRO, and DRO concentrations detected in Building 44 basement soil samples is most likely from migration within the water table.

Soil samples were generally collected from the backhoe bucket every 15 minutes during excavation activities and field-screened using a PID to evaluate whether removed backfill has chemical characteristics similar to the preliminary characterization samples. If significantly affected soil was observed (PID measurements in excess of 300 instrument units [i.u.]), the associated backfill was stockpiled separately and additional soil samples were collected and submitted to the project laboratory for characterization. In addition to the PID screenings, one soil sample was collected daily from the backfill material. Ms. Pamela A. Mylotta of the WDNR has concurred with this approach to characterize the soil. Additional analytical results from the Building 44 basement soil sampling will be submitted in an addendum to this letter.

#### New 2.7L Block Line Building Caisson Borings

The perimeter of the building will extend beyond the walls of the former Building 44 basement. As such, anticipated construction activities include the installation of 90 caissons and associated spread footings. Excavation began on July 17. Soil excavated for installation of these caissons and footings is being stockpiled and sampled at frequency of approximately one sample per every 300 yds<sup>3</sup>. Approximately 800 yds<sup>3</sup> are anticipated to be generated from the caissons and approximately 2,000 yds<sup>3</sup> from the footings. Triad will forward the data to



Ms. Barbara Schmitt  
August 17, 1995  
Page 4

Pheasant Run RDF as they become available for insertion into Attachment E. The potential source(s) of constituents detected in caisson soil samples would be consistent with those described in the July 5, 1995, Classification-of-Excavated-Soil letter addressed to Ms. Pamela A. Mylotta at the WDNR (see Profile 26503; Attachment A).

#### Main Plant Sump and Trench Excavations

Excavation activities were performed in the south portion of the Kenosha Main Plant property as part of the installation of groundwater recovery and treatment systems during 1994. These activities included installation of eight groundwater sumps and utility trenches. Approximately 1,500 to 2,000 yds<sup>3</sup> of soil remain stockpiled on the site. Two soil samples (one saturated and one unsaturated) were collected from each recovery sump location to characterize the excavated soil. Soil samples were also collected from trenches (all unsaturated) associated with additional sewer and recovery system utility installation (the Lot B sewer trench, and the East Trench, located near sumps 10 and 12, respectively). A summary table of detected constituents in sump and trench soil samples and laboratory data are included in Attachment F. GRO, DRO, and VOCs were detected in the soil samples collected from the sump and trench excavations. WMWI Protocol B analyses were completed on soil samples from the associated stockpile. The soil samples were labeled "TCE Pile." No Protocol B constituents were detected at concentrations which exceeded landfill acceptance limits.

Several potential sources for constituents detected in soil samples from Areas 1, 2, and 3 include the following. Bulk heating oil was historically stored south of 60th Street and in aboveground storage tanks (ASTs) located in a former basement of former Building 6 adjacent to Sump 8. Inadvertent overfills and damage to bulk distribution lines may have caused releases of heating oil in Areas 1 and 2. Area 3 is located at the south end of a former assembly line. Painting was historically conducted in former Buildings 6 and 6A. Prior to paint application, metal parts were degreased using various PCE and TCE products (all products were stored above grade). There are no records of spent materials being spilled in this area.

#### Soil from Treatability Testing and SVE Well Installation

Various borings have been installed in the southern portion of the Main Plant property as part of feasibility testing. Samples were collected from seven borings in Areas 1 and 2 and submitted for biotreatability testing in July 1994. Four bio-feasibility borings were also advanced at Area 3 in September 1994. The borings were approximately 8 inches in diameter and 12 to 18 feet deep. Biofeasibility borings were sampled for DRO, metals, and VOCs, in addition to biological parameters. A summary table of detected constituents in site soil samples and analytical data from the biofeasibility borings are included as Attachment G-1.

Three additional borings were advanced and sampled for GRO, DRO, VOCs, and metals in Area 3 in September 1994 to estimate the extent of potentially affected soil. Attachment G-2 contains the analytical data from these borings. The soil from the treatability testing and characterization sampling was temporarily stored in drums which were staged in Area 1 along the southeast perimeter fence. The drums were emptied in early August onto a separate



Ms. Barbara Schmitt  
August 17, 1995  
Page 5

stockpile. At Area 3, one SVE well and 3 observation probes were installed to conduct an SVE pilot test in October 1994. The SVE well was completed in one of the biofeasibility borings. The SVE well and observation probes were located within the foundation of former Building 6A.

In May and June 1995, a full-scale SVE system containing 12 additional SVE recovery wells and 12 additional observation probes was installed in this area. Soil from installation of each SVE well and observation probe/boring was sampled and placed in drums. The well/probe/boring soil samples were analyzed for DRO, GRO, and VOCs. The data are included in Attachment G-3. The drums were temporarily staged immediately north of Area 3. Following review of the analytical data, the drum contents were stockpiled in Area 1, adjacent to other Main Plant soil. An additional soil sample was collected from the Area 3 SVE soil stockpile and submitted for WMWI Protocol B analyses. These results will be forwarded for insertion into Attachment G-3 as they become available. Potential sources of release to site soil are described in the previous section.

#### CONCLUSION

As discussed above, there are a number of potential sources of constituents detected in soil samples from the soil piles. As such, Chrysler concludes that the spilled compounds were not clearly listed wastes, as applicable. Therefore, the soil does not contain listed hazardous waste and cannot be classified as hazardous by the mixture rules. The soil may contain hazardous substances and, unless additional analytical data indicate the soil is hazardous by characteristic, it should be managed under the Wisconsin Spills Law (s. 144.76) and corresponding regulations (NR 700 series, WAC).

We request approval from you to include the above-mentioned soil in Profile MW 28052 or Profile MW-26503 in order to expedite expansion activities at the Chrysler Kenosha Engine Plant Facility. If you have any questions, please do not hesitate to call.

Sincerely,

TRIAD ENGINEERING INC.

Richard J. Binder, CPG, CGWP  
Senior Hydrogeologist

TRIAD ENGINEERING INC.

Ross M. Creighton  
Project Hydrogeologist

RJB:mao

W943324\943324.27\943324-B

cc: Pamela A. Mylotta - WDNR  
Curt Chapman - Chrysler Pollution Prevention and Remediation  
Jack Bugno - Chrysler Pollution Prevention and Remediation

**TE** TRIAD  
ENGINEERING  
INCORPORATED

September 1, 1995

Ms. Barbara Schmitt  
Site Consultant  
Pheasant Run Recycling and Disposal Facility  
19414 60th Street  
Bristol, WI 53104

Dear Ms. Schmitt:

RE: Existing Profile Extension Request  
Chrysler Corporation Kenosha Engine and Main Plant Properties  
Triad Engineering Project W943324.27

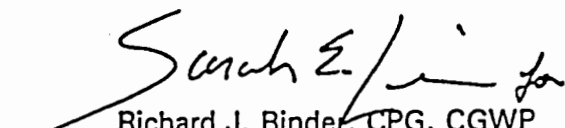
Enclosed are additional data for insertion into Attachments C, D, E, and G-3 of the Existing Profile Extension Request dated August 17, 1995. Data summary tables for Attachments C and D are also enclosed. You now have all the data collected from the following excavation locations:

- Building 53/Tank 9
- Lot C, Lot D, and Fire Main
- Building 44 Basement
- 2.7L Engine Block Line Caisson Borings
- Main Plant Sump and Trench Excavations
- Soil from Main Plant treatability and characterization testing and soil vapor extraction (SVE) well borings

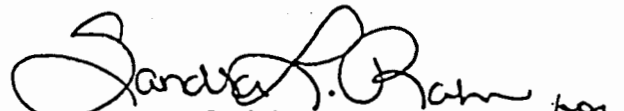
Again, we request approval from you to include the excavated soil in Profile MW-28052 or MW-26503 in order to expedite expansion activities at the Chrysler Kenosha Engine Plant facility. If you have any additional questions, please do not hesitate to call.

Sincerely,

TRIAD ENGINEERING INC.

  
Richard J. Binder, CPG, CGWP  
Senior Hydrogeologist

TRIAD ENGINEERING INC.

  
Ross M. Creighton  
Project Hydrogeologist

rjb:mao\W943324\943324.27\943324-C

c: Pamela A. Mylotta - WDNR  
Curt Chapman - Chrysler Pollution Prevention and Remediation  
Jack Bugno - Chrysler Pollution Prevention and Remediation

325 east chicago street  
milwaukee, wisconsin 53202  
414/291-8840  
fax: 414/291-8841

October 4, 1995

Ms. Barbara Schmitt  
Site Consultant  
Pheasant Run Recycling and Disposal Facility (RDF)  
19414 60th Street  
Bristol, WI 53104

Dear Ms. Schmitt:

RE: Existing Profile Extension Request (No. 2)  
Chrysler Corporation Kenosha Engine and Main Plant Properties  
Triad Engineering Project W943324.28

This letter was prepared by Triad Engineering Incorporated (Triad) on behalf of Chrysler Corporation (Chrysler) to request a second extension to profile MW 28052 for biological treatment and disposal of additional soil generated at the Chrysler Kenosha Engine Plant property. A copy of the profile is contained in Attachment A. Attachment A also includes a letter (*Classification of Excavated Soil*, July 5, 1995) detailing the source and classification of the soil disposed under this profile. Profile MW 28052 originally applied to approximately 20,000 cubic yards (yds<sup>3</sup>) of affected soil excavated from the Kenosha Engine Plant property. An additional approximately 70,000 yds<sup>3</sup> of soil, excavated from the Engine Plant and former Main Plant, were added to this profile, as requested by Triad in *Existing Profile Extension Request* letters dated August 17 and September 1, 1995. These letters are also included in Attachment A. The excavation locations associated with the profile are shown on Figure 1.

Chrysler would like to add soil from three additional locations to the existing profile described above. The additional excavation locations and estimated volumes are shown on Figure 1 and are listed below.

- Building 19B (approximately 1200 yds<sup>3</sup>)
- Southern portion of the Modified Oil Recycling Slab (approximately 100 yds<sup>3</sup>)
- Building 53 Compressor Room (approximately 700 yds<sup>3</sup>)

The possible source and general concentrations of constituents detected in soil samples from these locations are similar to the possible sources and detected concentration ranges currently addressed by profile MW 28052. As such, the soil is not considered a listed hazardous waste as identified in NR 605.09, Wisconsin Administrative Code (WAC). In addition, based on available laboratory analytical data, the soil does not appear to be characteristically hazardous as defined in chapter NR 605.08, WAC. Additional information regarding possible sources, excavation locations, volumes, and laboratory analytical results for the additional soil is provided in the following sections.





Ms. Barbara Schmitt  
October 4, 1995  
Page 2

#### Building 19B.

As part of the upgrading activities underway at the Engine Plant, hydromation facilities, including flumes and an underground process tank, are being installed in Building 19B (Figure 1). Excavation of existing concrete floor and subsurface, native and fill material (approximately 1200 yds<sup>3</sup>) was initiated August 31, 1995. Building 19B, historically, housed an overhead crane which transported material from the former foundry located in adjacent Building 19. Building 19B was most recently used as a warehouse. Affected soil removed from beneath Building 19B appears to have been affected by constituents which migrated along the water table from other areas of the site. The affected soil appears similar in nature and origin to soil included under profile MW 28052. The possible source of constituents detected in soil samples is the same as explained in the July 5, 1995, *Classification of Excavated Soil* and August 17, 1995, *Existing Profile Extension Request* letters. Analytical data from volatile organic compound (VOC), gasoline range organic (GRO), diesel range organic (DRO), and Waste Management of Wisconsin Inc. (WMWI) Protocol B analyses are included in Attachment B.

#### Southern portion of the Modified Oil Recycling Slab.

Continuing renovation activities at the Modified Oil Recycling Slab necessitated modification of the southern portion of the slab. Excavation of approximately 100 yds<sup>3</sup> of soil was initiated August 21, 1995. In Spring 1994, the northern portion of the slab was modified to allow for cleaner and more efficient handling of materials. Soil from the 1994 modification was disposed at Pheasant Run RDF under Profile MW 28052. The possible source of constituents detected in the 1994 North Slab soil samples is explained in the *Classification of Excavated Soil* letter, dated July 5, 1995, to Ms. Barbara Schmitt of Pheasant Run RDF (Attachment A). Affected soil at both portions of the Modified Oil Recycling Slab are likely from the same source. It is appropriate, therefore, to include soil from the southern portion of the slab under the same profile. Attachment C contains the analytical results (VOC, GRO, DRO, and WMWI Protocol B) from soil excavated from the southern portion of the Modified Oil Recycling Slab.

#### Building 53 Compressor Room and Future Renovation Areas.

Additional soil (approximately 700 yds<sup>3</sup>) was excavated from the southeast portion of Building 53 to facilitate construction of the new Building 53 compressor room. Excavation was initiated on August 20, 1995. Concrete floor and subsurface material were removed and five spread footings were installed. Past and present use of Building 53 includes assembly and machining operations.

Affected soil previously excavated from beneath the Building 53 foundation was included in the original Profile MW 28052. Additional soil, from soil borings advanced in Buildings 53 and 39 in 1994 and from the removal of two underground storage tanks during July 1995, was added to the profile by WMWI in September 1995 and is documented in the first *Existing Profile Extension Request* dated August 17, 1995.



Ms. Barbara Schmitt  
October 4, 1995  
Page 3

Laboratory analytical results (VOC, GRO, DRO, and WMWI Protocol B) from the compressor room soil samples collected from the existing 700 yds<sup>3</sup> stockpile are included in Attachment D. The possible sources of constituents detected in compressor room soil samples are discussed in the July 5, 1995, *Classification of Excavated Soil* and August 17, 1995, *Existing Profile Extension Request* letters.

In addition to the 700 yds<sup>3</sup> of soil currently stockpiled on site, more soil is anticipated to be generated as renovation of Building 53 continues. Additional soil samples will be collected to characterize the soil as it is generated and the analytical results will be submitted to Pheasant Run RDF as they become available. Chrysler requests that the current 700 yds<sup>3</sup>, as well as additional volumes of soil from Building 53, will be accepted for biological treatment/disposal under the same profile, pending review of analytical results.

#### CONCLUSION

As discussed above, possible sources of constituents detected in soil samples from these soil piles are similar or identical to the sources of constituents detected in soil previously disposed under Profile MW 28052. As such, Chrysler concludes that the spilled compounds were not clearly listed wastes, as applicable. Therefore, the soil does not contain listed hazardous waste and cannot be classified as hazardous by the mixture rules. The soil may contain hazardous substances (based on review of the attached laboratory data) and, unless additional analytical data indicate the soil is hazardous by characteristic, it should be managed under the Wisconsin Spills Law (s. 144.76) and corresponding regulations (NR 700 series, WAC).

We request approval from you to include the above-mentioned soil in Profile MW 28052 in order to expedite renovation activities at the Chrysler Kenosha Engine Plant Facility. If you have any questions, please do not hesitate to call.

Sincerely,

TRIAD ENGINEERING INC.

Richard J. Binder, CPG, CGWP  
Senior Hydrogeologist

TRIAD ENGINEERING INC.

Ross M. Creighton  
Project Hydrogeologist

rjb:mao\w943324\943324.28\943324-a

c: Pamela A. Mylotta - WDNR  
Curt Chapman - Chrysler Pollution Prevention and Remediation  
Jack Bugno - Chrysler Pollution Prevention and Remediation

**ATTACHMENT B**

**BUILDINGS 38/39**  
**ANALYTICAL DATA**

BUILDING 38/11 SOIL SAMPLES  
SUMMARY OF DETECTED ORGANIC COMPOUNDS  
CHRYSLER CORPORATION, KENOSHA ENGINE PLANT

SAMPLE I.D.	DATE COLLECTED	U.S. EPA METHOD	LAB IDENTIFICATION <sup>(1)</sup>	Results (micrograms per kilograms)								mg/kg
				2-CHLOROTOLUENE	cis-1,2-DICHLOROETHENE	HEXACHLOROBUTADIENE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	1,2,4-TRIMETHYLBENZENE	m & p-XYLENE	o-XYLENE	
301E(3-5')	12/29/95	8260A	60102037	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10 <sub>W1,W2</sub>
304E(3-5')	12/29/95	8260A	60102038	<5.0	<5.0	8.5	8.5	<5.0	<5.0	<10.0	<5.0	<10 <sub>W1,W2</sub>
303C(3-5')	12/29/95	8260A	60102039	<5.0	10	<5.0	<5.0	20	<5.0	19	7.3	140 <sub>W1,W2</sub>
304B(3-5')	12/29/95	8260A	60102040	<5.0	<5.0	<5.0	<5.0	12	<5.0	<10.0	<5.0	<10 <sub>W1,W2</sub>
602-0(3-5')(39)	12/28/95	8260A	60102025	<5.0	<5.0	<5.0	<5.0	3200J	<5.0	<10.0	<5.0	<10 <sub>W1,W2</sub>
301-C(3-5')(38)	12/28/95	8260A	60102026	19	<5.0	<5.0	<5.0	<5.0	11	<10.0	<5.0	2140 <sub>J,W1,W2</sub>
603-Q(3-5')(39)	12/28/95	8260A	60102027	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	14 <sub>J,W1,W2</sub>
602-P(3-5')(39)	12/28/95	8260A	60102028	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10 <sub>W1,W2</sub>
601-0(3-5')(39)	12/27/95	8260A	60102029	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10 <sub>W1,W2</sub>
603-P(3-5')(39)	12/27/95	8260A	60102030	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10 <sub>W1,W2</sub>
601-Q(5-7')(39)	12/27/95	8260A	60102031	<5.0	<5.0	<5.0	<5.0	74	<5.0	<10.0	<5.0	<10 <sub>W1,W2</sub>
601-P(5-7')(39)	12/27/95	8260A	60102032	<5.0	<5.0	<5.0	<5.0	37	<5.0	<10.0	<5.0	<10 <sub>W1,W2</sub>

J - 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.

W4 - GRO sample weight outside acceptable limits.

WB - Baseline rise at end of retention time window.

W2 - Peaks after retention time window.

W1 - Peaks before retention time window.

(1) Analysis Performed by Midwest Analytical Services, Inc.

NA - Not Analyzed

**LOT C/LOT D/FIRE MAIN, BUILDING 65 CAISSON #1 BUILDING 38/39 AND BUILDING 65 EXTENSION**  
**SUMMARY OF PROTOCOL B DATA**  
**CHRYSLER CORPORATION, KENOSHA ENGINE PLANT**

SAMPLE I.D.	DATE COLLECTED	LAB IDENTIFICATION <sup>(1)</sup>	RESULTS												
			PH	APP. SPECIFIC GRAVITY	TOTAL SOLIDS	PAINT FILTER TEST	IGNITABILITY	CHLORIDE	REACTIVE SULFIDE	REACTIVE CYANIDE	TCLP PHENOL	PCBS	TCLP METALS	TCLP VOLATILES	TCLP SEMI-VOLATILES
			UNITS	units	%	%	°F	mg/kg	mg/kg	mg/kg	mg/l	mg/kg	mg/l	mg/l	mg/l
BLDG 38(3-5')	12/29/95	60102041	8.30	2.2	92	0	>200	<100	<20	<10	<0.1	<1.0	ND	ND	ND
BLDG 39(3-5)	12/28/95	60102033	8.41	2.1	80	0	>200	<100	<20	<10	<0.1	<1.0	ND	ND	ND
BLDG 39 FS-1-3	12/28/95	60102034	8.34	2.1	90	0	>200	<100	<20	<10	<0.1	<1.0	ND	ND	ND
CRFM-1PB	12/13/95	51215015	8.30	2.1	87	0	>200	<100	<20	<10	<0.1	<1.0	ND	ND	ND

(1) Analysis Performed by Midwest Analytical Services, Inc.

**MIDWEST ANALYTICAL SERVICES**

5103 West  it Road  
Milwaukee, WI 53214

LOGY

**CHAIN OF CUSTODY RECORD  
& SAMPLE ANALYSIS REQUEST**



PHONE#: (414) 101-4MAS  
(313) 964-3680  
FAX#: (313) 964-2339

CLIENT: <u>TRIAD</u>		SAMPLE COLLECTOR: <u>THR LARK</u>		DETECTION LIMITS (DL)		PAGE _____ OF _____	
P.O.#: <u>W46371.1</u>		RELEASE OR REFERENCE		DL DL DL DL DL DL DL DL		NORMAL _____	
JOB #:		F/N TEL #:		ANALYSIS METHOD <u>LOC</u>		RUSH _____	
PROJECT: <u>CHINA</u>		RESULTS TO THE ATTENTION OF: <u>ROSS (1961106)</u>		ANALYSIS METHOD <u>BRGD</u>		G-GLASS _____	
NEED FAXED: YES <input type="checkbox"/> NO <input type="checkbox"/>				ANALYSIS METHOD <u>GRD</u>		P-PLASTIC _____	
				ANALYSIS METHOD <u>WDR</u>			
				ANALYSIS METHOD <u>PRC</u>			
				ANALYSIS METHOD <u>TRD</u>			

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		#	CONTAINERS		PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
				*ORIGIN	MATRIX		SIZE	TYPE		
1	201E (3-5)		12-29-95 <sup>9:00</sup>	7	soil	3	202		MLC II	
2	204E (3-5)		12-29-95 <sup>11:45</sup>	7	soil	3	202		GRU MLC II	
3	303C (3-5)		12-21-95 <sup>11:00</sup>	7	soil	3	202		GRU MLC II	
4	304W (3-5)		12/29/95 <sup>11:00</sup>	7	soil	3	202		GRU MLC II	
5	1319 38 (3-5)		12/29/95	7	soil	2				
6	601Q-W		12/29/95 <sup>10:30</sup>	7	GW	7	10ml 10ml		HCl	

RELINQUISHED BY: (SIGNATURE)		RECEIVED BY: (SIGNATURE)		* SAMPLE ORIGIN	
DATE/TIME		DATE/TIME		1. DRINKING WATER	
<u>12-29-95 17:05</u>		<u>12-29-95 15:50</u>		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:	
		RECEIVED FOR LAB BY:		LAB USE ONLY:	
				STATUS OF THE SAMPLE RECEIVED:	
				TRANSPORT TEMPERATURE _____	
				SEALED <input type="checkbox"/> NOT SEALED <input type="checkbox"/>	
				RECEIVED BY:	
				MAIL <input type="checkbox"/> DROP OFF <input type="checkbox"/>	
				FIELD CHARGES:	
				FIELD HOURS <input type="checkbox"/>	
				SET UP <input type="checkbox"/>	
				ISCO CHARGE <input type="checkbox"/>	
				PICK UP: _____ OF _____	
				C <input type="checkbox"/> NC <input type="checkbox"/>	



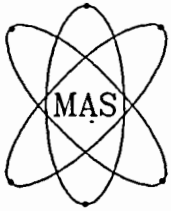
CLIENT: <b>TRIAD</b> <del>WISCONSIN</del>	SAMPLE COLLECTOR: <b>TRR LARK</b>	DETECTION LIMITS (DL) DL DL DL DL DL		PAGE <u>   </u> OF <u>   </u>
P.O.#: <b>W9638730</b>	RELEASE OR REFERENCE			NORMAL <u>   </u>
JOB #:	F/N	TEL #:	RUSH <u>   </u>	
PROJECT: <b>CHRYSLER</b>	RESULTS TO THE ATTENTION OF:		G-GLASS P-PLASTIC	
<b>ROSS CRIEHTOR</b>		NEED FAXED: YES <input type="checkbox"/> NO <input type="checkbox"/>		<b>Brown (soil)</b>

ANALYSIS METHOD LOC ORG  
 ANALYSIS METHOD GRO  
 ANALYSIS METHOD WDR  
 ANALYSIS METHOD MODIFIED  
 ANALYSIS METHOD PROTOCOL B WDR

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		ANALYSIS METHOD					#	CONTAINERS		PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.	
				*ORIGIN	MATRIX							SIZE	TYPE			
1	301 E (3-5)		12-29-95 <sup>9:00</sup>	7	soil	X	X	X				3	202		NaOH	60102037
2	304 E (3-5)		12-29-95 <sup>9:45</sup>	7	soil	X	X	X				3	202		GRO	38
3	303 C (3-5)		12-29-95 <sup>11:00</sup>	7	soil	X	X	X				3	202		GRO NaOH	39
4	304 D (3-5)		12/29/95 <sup>10:00</sup>	7	soil	X	X	X				3	202		GRO NaOH	40
5	Bldg 38 (3-5)		12/29/95	7	soil					X		2				41
6	601 Q-W		12/29/95 <sup>10:30</sup>	7	GRO	X	X	X				7	40ml Tetra		HCl	42
																CLEAR (L)

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME	* 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: _____
	12-29-95 18:05	<i>[Signature]</i>	12/29 1550			
RECEIVED FOR LAB BY:	DATE/TIME	STATUS OF THE SAMPLE RECEIVED: TRANSPORT TEMPERATURE <u>Cold On Ice</u> SEALED <input type="checkbox"/> NOT SEALED <input checked="" type="checkbox"/>	FIELD CHARGES: FIELD HOURS SETUP <input type="checkbox"/> ISCO CHARGE <input type="checkbox"/> PICK UP: <u>   </u> OF <u>   </u> C <input type="checkbox"/> NC <input type="checkbox"/>			
	1/2/96 4:24					

COMMENTS \_\_\_\_\_



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

Date : 12-Jan-96  
Client : ROSS CREIGHTON  
TRIAD ENGINEERING, INC.  
Mas# : 60102037-040 & 42  
PROJECT: : CHRYSLER  
Sample ID. : 301E (3-5), 304E (3-5), 303C (3-5), 304B (3-5), 601Q-W

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 above Estimated Quantitation Limit, 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)  
 $\mu\text{g/l}$ ,  $\mu\text{g/kg}$ ,  $\mu\text{g/kg(dry weight)}$  equal ppb(parts per billion)*

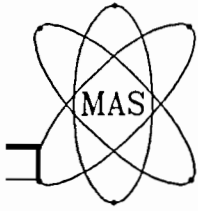
If you have any questions regarding this project please feel free to contact me at 1-800-801-4MAS or 1-313-964-3680.

Thanking You,

Sincerely,

Nitin Barad  
Lab Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

Phone: 1-800-801-4MAS (MI only)

: (313) 964-3680

Fax No: (313) 964-2339

IN: NWB

## TEST REPORT

MAS #: 60102037

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96

P.O. #: W963873.1

PROJECT: CHRYSLER

SAMPLE IDENTIFICATION: 301E (3-5) 12/29/95 0900

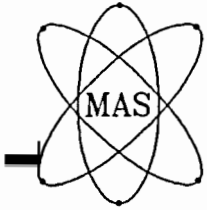
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/10/96	
	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				
	DIISOPROPYL ETHER	N/D		50				
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAG 2 OF 2

## TEST REPORT

MAS #: 60102037

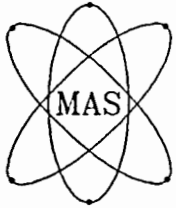
(CONTINUED)

PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 301E (3-5) 12/29/95 0900  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/10/96	
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102038

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96  
P.O. #: W963873.1

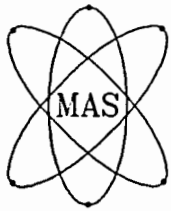
PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 304E (3-5) 12/29/95 0945  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNr/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/10/96	
	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-DICHLOROENZENE	N/D		5.0				
	1,3-DICHLOROENZENE	N/D		5.0				
	1,4-DICHLOROENZENE	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				
	DIISOPROPYL ETHER	N/D		50				
	ETHYL BENZENE	N/D		5.0				
	HEXACHLOROBUTADIENE	8.5		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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAG 2 OF 2

## TEST REPORT

MAS #: 60102038

(CONTINUED)

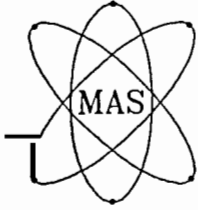
PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 304E (3-5) 12/29/95 0945  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/10/96	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	N/D		5.0				
	TOLUENE	5.1		5.0				B
	1,2,3-TRICHLOROBENZENE	N/D		5.0				
	1,2,4-TRICHLOROBENZENE	N/D		5.0				
	1,1,1-TRICHLOROETHANE	8.5		5.0				
	1,1,2-TRICHLOROETHANE	N/D		5.0				
	TRICHLOROETHENE	N/D		5.0				
	TRICHLOROFUOROMETHANE	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				

B Analyte detected in method blank at a concentration of 5.2 ppb.

*Nitin Barad*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102039

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96  
P.O. #: W963873.1

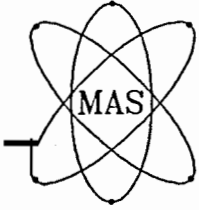
PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 303C (3-5) 12/29/95 1100  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		—	EH	01/10/96	
	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	10		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				
	DIISOPROPYL ETHER	N/D		50				
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAG 2 OF 2

## TEST REPORT

MAS #: 60102039

(CONTINUED)

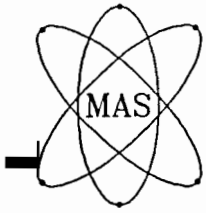
PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 303C (3-5) 12/29/95 1100  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/10/96	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	N/D		5.0				
	TOLUENE	12		5.0				B
	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	20		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	19		10				
	o-XYLENE	7.3		5.0				

B Analyte detected in method blank at a concentration of 5.2 ppb.

*Nitin Barad*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102040

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96  
P.O. #: W963873.1

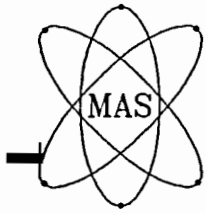
PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 304B (3-5) 12/29/95 1000  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNr/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/10/96	
	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				
	DIISOPROPYL ETHER	N/D		50				
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAG 2 OF 2

## TEST REPORT

MAS #: 60102040

(CONTINUED)

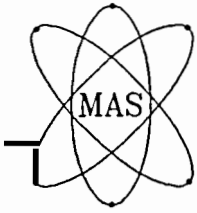
PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 304B (3-5) 12/29/95 1000  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/10/96	
	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	12	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 Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102042

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96  
P.O. #: W963873.1

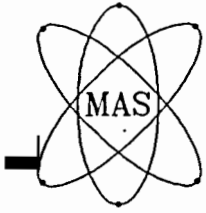
PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 601Q-W 12/29/95 1030  
PHYSICAL DESCRIPTION: LIQUID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/l		—	EH	01/10/96	
	BENZENE	N/D		1.0				
	BROMOBENZENE	N/D		1.0				
	BROMODICHLOROMETHANE	N/D		1.0				
	n-BUTYLBENZENE	N/D		1.0				
	sec-BUTYLBENZENE	N/D		1.0				
	tert-BUTYLBENZENE	N/D		1.0				
	CARBON TETRACHLORIDE	N/D		1.0				
	CHLOROBENZENE	N/D		1.0				
	CHLOROETHANE	N/D		1.0				
	CHLOROFORM	N/D		1.0				
	CHLOROMETHANE	N/D		1.0				
	2-CHLOROTOLUENE	N/D		1.0				
	4-CHLOROTOLUENE	N/D		1.0				
	1,2-DIBROMO-3-CHLOROPROPANE	N/D		1.0				
	1,2-DIBROMOETHANE	N/D		1.0				
	DIBROMOCHLOROMETHANE	N/D		1.0				
	1,2-DICHLOROETHANE	N/D		1.0				
	1,3-DICHLOROETHANE	N/D		1.0				
	1,4-DICHLOROETHANE	N/D		1.0				
	DICHLORODIFLUOROMETHANE	N/D		1.0				
	1,1-DICHLOROETHANE	N/D		1.0				
	1,2-DICHLOROETHANE	N/D		1.0				
	1,1-DICHLOROETHENE	N/D		1.0				
	cis-1,2-DICHLOROETHENE	N/D		1.0				
	trans-1,2-DICHLOROETHENE	N/D		1.0				
	1,2-DICHLOROPROPANE	N/D		1.0				
	1,3-DICHLOROPROPANE	N/D		1.0				
	2,2-DICHLOROPROPANE	N/D		1.0				
	DIISOPROPYL ETHER	N/D		10				
	ETHYL BENZENE	N/D		1.0				
	HEXACHLOROBUTADIENE	N/D		1.0				
	ISOPROPYLBENZENE	N/D		1.0				
	p-ISOPROPYLTOLUENE	N/D		1.0				
	METHYLENE CHLORIDE	N/D		5.0				
	METHYL TERT BUTYL ETHER	N/D		10				
	NAPHTHALENE	N/D		1.0				
	n-PROPYL BENZENE	N/D		1.0				

*Nitin Barad*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAG 2 OF 2

## TEST REPORT

MAS #: 60102042

(CONTINUED)

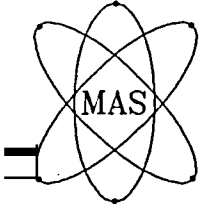
PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 601Q-W 12/29/95 1030  
PHYSICAL DESCRIPTION: LIQUID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/l		---	EH	01/10/96	
	1,1,2,2-TETRACHLOROETHANE	N/D		1.0				
	TETRACHLOROETHENE	N/D		1.0				
	TOLUENE	N/D		1.0				
	1,2,3-TRICHLOROBENZENE	N/D		1.0				
	1,2,4-TRICHLOROBENZENE	N/D		1.0				
	1,1,1-TRICHLOROETHANE	N/D		1.0				
	1,1,2-TRICHLOROETHANE	N/D		1.0				
	TRICHLOROETHENE	12		1.0				X
	TRICHLOROFLUOROMETHANE	N/D		1.0				
	1,2,4-TRIMETHYLBENZENE	N/D		1.0				
	1,3,5-TRIMETHYLBENZENE	N/D		1.0				
	VINYL CHLORIDE	N/D		1.0				
	m & p-XYLENES	N/D		2.0				
	o-XYLENE	N/D		1.0				

X Analyte detected in previous analysis in the same autosampler position at a concentration of 5.6ppb.

*Nitin Barad*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

Date : 17-Jan-96  
Client : ROSS CREIGHTON  
TRIAD ENGINEERING, INC.  
Mas# : 60102037-042  
PROJECT: : CHRYSLER  
Sample LD. : 301E (3-5), 304E (3-5), 303C (3-5), 304B (3-5), BLDG 38 (3-5), 601Q-W

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.

Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.

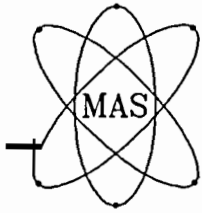
1. N/D=Not detected above Estimated Quantitation Limit, N/A=Not applicable
2. Results relate only to the items tested.
3. mg/l, mg/kg, mg/kg(dry weight) equal ppm(parts per million)  
 $\mu$ g/l,  $\mu$ g/kg,  $\mu$ g/kg(dry weight) equal ppb(parts per billion)

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  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102037

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

DATE COMPLETED: 17-Jan-96  
P.O. #: W963873.1

PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 301E (3-5) 12/29/95 0900  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNRA\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
*DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

DOES THE DRO PATTERN LOOK LIKE DIESEL? NO

EXTENDED TIME WINDOW +5 MIN.

1 Peaks before retention time window.

2 Peaks after retention time window.

FILE: WDNRA\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W4, W1, W2

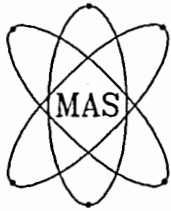
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

W1 Peaks before retention time window.

W2 Peaks after retention time window.

W4 GRO or DRO sample weights outside of acceptable parameters.

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102038

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

DATE COMPLETED: 17-Jan-96  
P.O. #: W963873.1

PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 304E (3-5) 12/29/95 0945  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNRA\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
*DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR  
DOES THE DRO PATTERN LOOK LIKE DIESEL? NO  
\*EXTENDED TIME WINDOW +5 MIN.

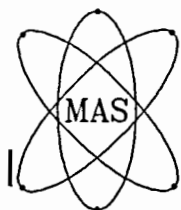
W1 Peaks before retention time window.  
W2 Peaks after retention time window.

FILE: WDNRA\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR  
W1 Peaks before retention time window.  
W2 Peaks after retention time window.

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102039

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

DATE COMPLETED: 17-Jan-96  
P.O. #: W963873.1

PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 303C (3-5) 12/29/95 1100  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNRA\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
*DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	140	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): ODOR  
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

\*EXTENDED TIME WINDOW +5 MIN.

W1 Peaks before retention time window.

W2 Peaks after retention time window.

FILE: WDNRA\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

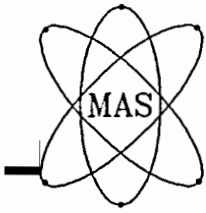
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

W1 Peaks before retention time window.

W2 Peaks after retention time window.

*Nitin Barad*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102040

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

DATE COMPLETED: 17-Jan-96  
P.O. #: W963873.1

PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 304B (3-5) 12/29/95 1000  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNRDROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
*DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

DOES THE DRO PATTERN LOOK LIKE DIESEL? NO

EXTENDED TIME WINDOW +5 MIN.

W1 Peaks before retention time window.

W2 Peaks after retention time window.

FILE: WDNRGROS

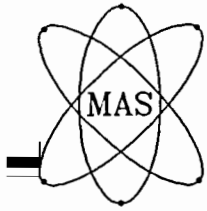
METHOD#	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

W1 Peaks before retention time window.

W2 Peaks after retention time window.

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

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

IN: DLB  
 PAGE 1 OF 2

## TEST REPORT

MAS #: 60102041

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

DATE COMPLETED: 17-Jan-96  
 P.O. #: W963873.1

PROJECT: CHRYSLER  
 SAMPLE IDENTIFICATION: BLDG 38 (3-5) 12/29/95  
 PHYSICAL DESCRIPTION: SOLID

FILE: WDMR\PROTB

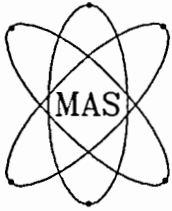
METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 9045B	* pH/CORROSIVITY	8.30	UNITS	----	2.0 ≤pH≤ 12.5	BB	01/03/96	
ASTM D5057	APPARENT SPECIFIC GRAVITY	2.2	---	----	----	CH	01/12/96	
EPA 160.3	TOTAL SOLIDS	92	%	----	----	CH	01/03/96	
SW-846 9095	PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	DB	01/04/96	
46	IGNITIBILITY	> 200	F	----	> 140	CH	01/03/96	
SW-846 9076	**CHLORINE	N/D	mg/kg	100	< 10,000	BB	01/16/96	
SW-846 7.3.4.2	REACTIVE SULFIDE	N/D	mg/kg	20	< 50	BB	01/03/96	
SM 4500CN- IM	CYANIDE (AS FREE CN)	N/D	mg/kg	1.0	< 50	CH	01/12/96	
EPA 420.1	TCLP PHENOL (1311)	N/D	mg/l	0.1	< 2000	BB	01/08/96	
SW-846 8080A	PCB:		mg/kg		< 50	NG	01/12/96	
	AROCLOR 1016	N/D		1.0				
	AROCLOR 1221	N/D		1.0				
	AROCLOR 1232	N/D		1.0				
	AROCLOR 1242	N/D		1.0				
	AROCLOR 1248	N/D		1.0				
	AROCLOR 1254	N/D		1.0				
	AROCLOR 1260	N/D		1.0				

\* SAMPLE pH MEASURED IN WATER AT 23.1°C.  
 \*\*ANALYZED AS TOTAL HALOGENS.

*Nitin Barad.*

Nitin Barad  
 Lab Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60102041

(continued)

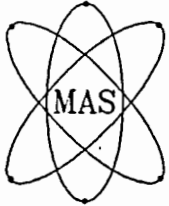
PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: BLDG 38 (3-5) 12/29/95  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846	<b>TCLP METALS :</b>		mg/l					
6010A	ARSENIC	N/D		1.0	< 5.0	KW	1/05/96	
6010A	BARIUM	N/D		10.0	< 100.0	KW	1/05/98	
6010A	CADMIUM	N/D		0.5	< 1.0	KW	1/05/96	
6010A	CHROMIUM	N/D		1.0	< 5.0	KW	1/05/96	
6010A	COPPER	N/D		1.0	< 100.0	KW	1/05/96	
6010A	LEAD	N/D		1.0	< 5.0	KW	1/05/96	
7470A	MERCURY	N/D		0.10	< 0.2	DB	1/05/96	
6010A	NICKEL	N/D		1.0	< 35.0	KW	1/05/96	
6010A	SELENIUM	N/D		0.50	< 1.0	KW	1/05/96	
6010A	SILVER	N/D		1.0	< 5.0	KW	1/05/96	
6010A	ZINC	N/D		5.0	< 200.0	KW	1/05/96	
SW-846 8260A	<b>TCLP VOLATILES</b>		mg/l			EH	1/15/96	
	BENZENE	N/D		0.15	< 0.5			
	CARBON TETRACHLORIDE	N/D		0.15	< 0.5			
	CHLOROBENZENE	N/D		0.30	< 100			
	CHLOROFORM	N/D		0.15	< 6.0			
	1,2-DICHLOROETHANE	N/D		0.15	< 0.5			
	1,1-DICHLOROETHYLENE	N/D		0.15	< 0.7			
	METHYL ETHYL KETONE	N/D		10	< 200			
	TETRACHLOROETHYLENE	N/D		0.15	< 0.7			
	TRICHLOROETHYLENE	N/D		0.15	< 0.5			
	VINYL CHLORIDE	N/D		0.15	< 0.2			
SW-846 8270B	<b>TCLP SEMI-VOLATILES:</b>		mg/l			KT	1/08/96	X
	1,4-DICHLOROBENZENE	N/D		2.0	< 7.5			
	2,4-DINITROTOLUENE	N/D		0.13	< 0.13			
	HEXACHLOROBENZENE	N/D		0.13	< 0.13			
	HEXACHLOROBUTADIENE	N/D		0.13	< 0.5			
	HEXACHLOROETHANE	N/D		2.0	< 3.0			
	NITROBENZENE	N/D		2.0	< 2.0			
	PYRIDINE	N/D		2.0	< 5.0			
	TOTAL CRESOL	N/D		10	< 200.0			
	PENTACHLOROPHENOL	N/D		3.0	< 100.0			
	2,4,5-TRICHLOROPHENOL	N/D		2.0	< 400.0			
	2,4,6-TRICHLOROPHENOL	N/D		2.0	< 2.0			

X Surrogate spike recoveries were low (21%,10%,18%).

*Nitin Barad*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102042

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

DATE COMPLETED: 17-Jan-96  
P.O. #: W963873.1

PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: 601Q-W 12/29/95 1030  
PHYSICAL DESCRIPTION: LIQUID

FILE: WENR\GROW

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/l	0.10	----	NG	01/08/96	X, W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

- X Initial and final water matrix spikes were low (40% & 20%).
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

FILE: WENR\DROW

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	N/D	mg/l	0.10	----	NG	01/09/96	LH, LL, W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): WATER, NO ODOR

DOES THE DRO PATTERN LOOK LIKE DIESEL? N/A

- LL QC indicated high recovery for this analyte. (140%)
- LH QC indicated low recovery for this analyte. (67%)
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

*Nitin Barad.*

Nitin Barad  
Lab Quality Manager



**CHAIN OF CUSTODY STUDY RECORD  
 & SAMPLE ANALYSIS REQUEST**



CLIENT: Triad Engineering Inc SAMPLE COLLECTOR: JMR/ARK  
 P.O.#: \_\_\_\_\_ RELEASE OR REFERENCE: \_\_\_\_\_  
 JOB #: CHRYSLER CORP. F/N \_\_\_\_\_ TEL #: 414 291 8840  
 PROJECT: W963873 BUILDINGS 38, 39  
 RESULTS TO THE ATTENTION OF: Ross Creighton NEED FAXED: YES:  NO:

DETECTION LIMITS (DL)  
 ANALYSIS METHOD PROTDNR DL 5 MINUTES  
 ANALYSIS METHOD MODIFIED-EXTENDED DL \_\_\_\_\_  
 ANALYSIS METHOD 600 DL \_\_\_\_\_  
 ANALYSIS METHOD WDNR MODIFIED DL \_\_\_\_\_  
 ANALYSIS METHOD VOCS (8260) DL \_\_\_\_\_  
 ANALYSIS METHOD PROTDNR DL \_\_\_\_\_  
 ANALYSIS METHOD \_\_\_\_\_ DL \_\_\_\_\_  
 G-GLASS \_\_\_\_\_  
 P-PLASTIC \_\_\_\_\_  
 PAGE 1 OF 1  
 NORMAL   
 RUSH \_\_\_\_\_  
Brown (Scr1)

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		X	X	X	X	X	#	CONTAINERS		PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
				*ORIGIN	MATRIX							SIZE	TYPE		
1	602-0 (3-5')	602-0(39)	12/28/95/1400	7	SOIL	X	X	X			3	40 ml	G	600-methanol	102025
2	301-C (3-5')	301-C (38)	12/28/95/1430	7	SOIL	X	X	X			3	40 ml	G	"	26
3	603-Q (3-5')	603-Q (39)	12/28/95/1330	7	SOIL	X	X	X			3	40 ml	G	"	27
4	602-P (3-5')	602-P(39)	12/28/95/1200	7	SOIL	X	X	X			3	40 ml	G	"	28
5	601-0 (3-5')	601-0 (39)	12/28/95/1100 27	7	SOIL	X	X	X			3	40 ml	G	"	29
6	603-P (3-5')	603-P (39)	12/28/95/1122	7	SOIL	X	X	X			3	40 ml	G	"	30
7	601-Q (5-7')	601-Q (39)	12/27/95/0900	7	SOIL	X	X	X			3	40 ml	G	"	31
8	601-P (5-7')	601-P (39)	12/27/95/1034	7	SOIL	X	X	X			3	40 ml	G	"	32
9	Bldg 39 3 to 5	Bldg 39 (3-5)	12/28/95/1500	7	SOIL	<del>X</del>	<del>X</del>	<del>X</del>	X		2	40 ml 8002	G	none	33
10	Bldg 39 FS-1-3	Bldg 39 (FS-1-3)	12/28/95/1200	7	SOIL	<del>X</del>	<del>X</del>	<del>X</del>	X		2	40 ml 8002	G	none	34

RELINQUISHED BY: (SIGNATURE) \_\_\_\_\_ DATE/TIME: 12/28/95 1650  
 RECEIVED BY: (SIGNATURE) \_\_\_\_\_ DATE/TIME: 12/29/95 1230  
 RECEIVED FOR LAB BY: (SIGNATURE) \_\_\_\_\_ DATE/TIME: 1/02/96 4:12p

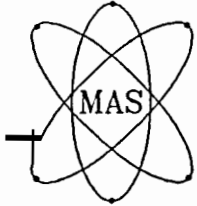
\* SAMPLE ORIGIN  
 1. DRINKING WATER  
 2. N.P.D.E.S.  
 3. WASTE WATER - CITY: \_\_\_\_\_  
 4. STORM WATER  
 5. TCLP WASTE  
 6. MDNR  
 7. WDNR  
 8. INTERNAL USE  
 9. RESEARCH  
 10. AIR  
 11. OTHER: \_\_\_\_\_

LAB USE ONLY:  
 STATUS OF THE SAMPLE RECEIVED:  
 TRANSPORT TEMPERATURE Cold 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 kept on ice. 600 samples field preserved with methanol in cooler.



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

Date : 17-Jan-96

Client : ROSS CREIGHTON  
TRIAD ENGINEERING, INC.

Mas# : 60102025-034

PROJECT: : W963873 BUILDINGS 38,39

Sample ID. : 602-0 (3-5') (39), 301-C (3-5') (38), 603-Q (3-5') (39), 602-P (3-5') (39), 601-0 (3-5') (39), 603-P (3-5') (39), 601-Q (5-7') (39), 601-P (5-7') (39), BLDG 39 (3-5'), BLDG 39 FS-1-3

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.

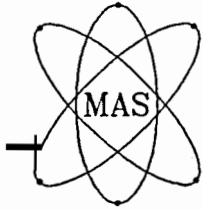
1. Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.
2. N/D=Not detected above Estimated Quantitation Limit, N/A=Not applicable
3. Results relate only to the items tested.
4. mg/l, mg/kg, mg/kg(dry weight) equal ppm(parts per million)  
 $\mu\text{g/l}$ ,  $\mu\text{g/kg}$ ,  $\mu\text{g/kg(dry weight)}$  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,

*Nitin Barad.*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102025

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

DATE COMPLETED: 17-Jan-96

JOB #: CHRYSLER CORP.

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 602-0 (3-5') (39) 12/28/95 1400  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNRADROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	104	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFATORY): SLIGHT ODOR  
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

- \* +5 Extended time window.
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

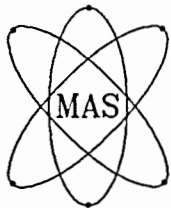
FILE: WDNRADROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFATORY): NO ODOR

- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102026

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

DATE COMPLETED: 17-Jan-96

JOB #: CHRYSLER CORP.

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 301-C (3-5) (38) 12/28/95 1430  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNRDROS

METHOD#	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	2,140	mg/kg DRY WEIGHT	10	----	NG	01/05/96	J W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): GASOLINE/DIESEL ODOR  
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

\* +5 Extended time window.

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

W1 Peaks before retention time window.

W2 Peaks after retention time window.

FILE: WDNRGROS

METHOD#	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

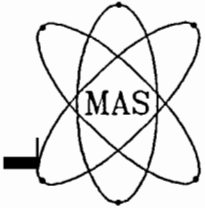
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

W1 Peaks before retention time window.

W2 Peaks after retention time window.

*Nitin Barad.*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102027

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

DATE COMPLETED: 17-Jan-96

JOB #: CHRYSLER CORP.

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 603-Q (3-5) (39) 12/28/95 1330  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	14	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR  
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

- \* +5 Extended time window.
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

FILE: WDNR\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

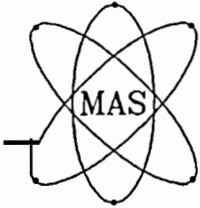
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

*Nitin Barad*

Nitin Barad  
Lab Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102028

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

DATE COMPLETED: 17-Jan-96

JOB #: CHRYSLER CORP.

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 602-P (3-5) (39) 12/28/95 1200  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNRA\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR  
DOES THE DRO PATTERN LOOK LIKE DIESEL? NO

- \* +5 Extended time window.
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

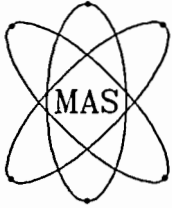
FILE: WDNRA\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	*GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102029

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

DATE COMPLETED: 17-Jan-96

JOB #: CHRYSLER CORP.

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 601-0 (3-5) (39) 12/27/95 1100  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNRA\DROS

METHOD#	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLEFACTORY): NO ODOR  
DOES THE DRO PATTERN LOOK LIKE DIESEL? NO

- \* +5 Extended time window.
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

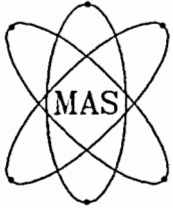
LE: WDNRA\GROS

METHOD#	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLEFACTORY): NO ODOR

- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102030

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

DATE COMPLETED: 17-Jan-96

JOB #: CHRYSLER CORP.

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 603-P (3-5) (39) 12/28/95 1122  
PHYSICAL DESCRIPTION: SOLID

FILE: WDN\R\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR  
DOES THE DRO PATTERN LOOK LIKE DIESEL? NO

- \* +5 Extended time window.
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

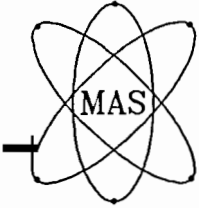
LE: WDN\R\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102031

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

DATE COMPLETED: 17-Jan-96

JOB #: CHRYSLER CORP.

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 601-Q (5-7) (39) 12/27/95 0900  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNRA DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR  
DOES THE DRO PATTERN LOOK LIKE DIESEL? NO

- \* +5 Extended time window.
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

FILE: WDNRA GROS

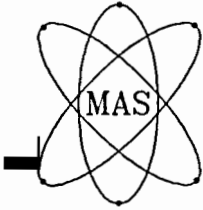
METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

*Nitin Barad*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 60102032

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

DATE COMPLETED: 17-Jan-96

JOB #: CHRYSLER CORP.

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 601-P (5-7) (39) 12/27/95 1034  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNRA\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR  
DOES THE DRO PATTERN LOOK LIKE DIESEL? NO

- \* +5 Extended time window.
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

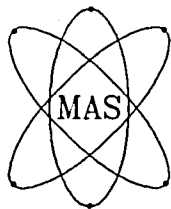
FILE: WDNRA\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	01/05/96	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): NO ODOR

- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 60102033

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

DATE COMPLETED: 17-Jan-96

JOB #: CHRYSLER CORP.

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: BLDG 39 (3-5') 12/28/95 1500  
PHYSICAL DESCRIPTION: SOLID

FILE: WDMR\PROTB

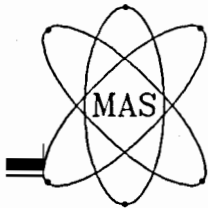
METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 9045B	* pH/CORROSIVITY	8.41	UNITS	----	2.0 ≤pH≤ 12.5	BB	01/03/96	
ASTM D5057	APPARENT SPECIFIC GRAVITY	2.1	---	----	----	CH	01/12/96	
EPA 160.3	TOTAL SOLIDS	80	%	----	----	CH	01/03/96	
SW-846 9095	PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	DB	01/04/96	
46	IGNITIBILITY	> 200	F	----	> 140	CH	01/03/96	
SW-846 9076	**CHLORINE	N/D	mg/kg	100	< 10,000	BB	1/11/96	
SW-846 7.3.4.2	REACTIVE SULFIDE	N/D	mg/kg	20	< 50	BB	1/03/96	
SM 4500CN- IM	CYANIDE (AS FREE CN)	N/D	mg/kg	1.0	< 50	CH	1/12/96	
EPA 420.1	TCLP PHENOL (1311)	N/D	mg/l	0.1	< 2000	BB	1/08/96	
SW-846 8080A	PCB:		mg/kg		< 50	NG	1/05/96	
	AROCLOR 1016	N/D		1.0				
	AROCLOR 1221	N/D		1.0				
	AROCLOR 1232	N/D		1.0				
	AROCLOR 1242	N/D		1.0				
	AROCLOR 1248	N/D		1.0				
	AROCLOR 1254	N/D		1.0				
	AROCLOR 1260	N/D		1.0				

\* SAMPLE pH MEASURED IN WATER AT 22.9°C.

\*\*ANALYZED AS TOTAL HALOGENS.

*Nitin Barad*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60102033

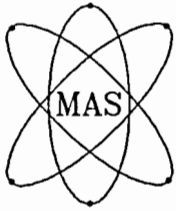
(continued)

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: BLDG 39 (3-5) 12/28/95 1500  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846	<b>TCLP METALS :</b>		mg/l				1/05/96	
6010A	ARSENIC	N/D		1.0	< 5.0	KW		
6010A	BARIUM	N/D		10.0	< 100.0	KW		
6010A	CADMIUM	N/D		0.5	< 1.0	KW		
6010A	CHROMIUM	N/D		1.0	< 5.0	KW		
6010A	COPPER	N/D		1.0	< 100.0	KW		
6010A	LEAD	N/D		1.0	< 5.0	KW		
7470A	MERCURY	N/D		0.10	< 0.2	DB		
6010A	NICKEL	N/D		1.0	< 35.0	KW		
6010A	SELENIUM	N/D		0.50	< 1.0	KW		
6010A	SILVER	N/D		1.0	< 5.0	KW		
6010A	ZINC	N/D		5.0	< 200.0	KW		
SW-846 8260A	<b>TCLP VOLATILES</b>		mg/l			EH	1/15/96	
	BENZENE	N/D		0.15	< 0.5			
	CARBON TETRACHLORIDE	N/D		0.15	< 0.5			
	CHLOROBENZENE	N/D		0.30	< 100			
	CHLOROFORM	N/D		0.15	< 6.0			
	1,2-DICHLOROETHANE	N/D		0.15	< 0.5			
	1,1-DICHLOROETHYLENE	N/D		0.15	< 0.7			
	METHYL ETHYL KETONE	N/D		10	< 200			
	TETRACHLOROETHYLENE	N/D		0.15	< 0.7			
	TRICHLOROETHYLENE	N/D		0.15	< 0.5			
	VINYL CHLORIDE	N/D		0.15	< 0.2			
SW-846 8270B	<b>TCLP SEMI-VOLATILES:</b>		mg/l			KT	1/08/96	
	1,4-DICHLOROBENZENE	N/D		2.0	< 7.5			
	2,4-DINITROTOLUENE	N/D		0.13	< 0.13			
	HEXACHLOROBENZENE	N/D		0.13	< 0.13			
	HEXACHLOROBUTADIENE	N/D		0.13	< 0.5			
	HEXACHLOROETHANE	N/D		2.0	< 3.0			
	NITROBENZENE	N/D		2.0	< 2.0			
	PYRIDINE	N/D		2.0	< 5.0			
	TOTAL CRESOL	N/D		10	< 200.0			
	PENTACHLOROPHENOL	N/D		3.0	< 100.0			
	2,4,5-TRICHLOROPHENOL	N/D		2.0	< 400.0			
	2,4,6-TRICHLOROPHENOL	N/D		2.0	< 2.0			

*Nitin Barad.*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

Phone: 1-800-801-4MAS (MI only)

: (313) 964-3680

Fax No: (313) 964-2339

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 60102034

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

DATE COMPLETED: 17-Jan-96

JOB #: CHRYSLER CORP.

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: BLDG 39 FS-1-3 12/28/95 1200  
PHYSICAL DESCRIPTION: SOLID

FILE: WDMRPROTB

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 9045B	* pH/CORROSIVITY	8.34	UNITS	----	2.0 ≤pH≤ 12.5	BB	01/03/96	
ASTM D5057	APPARENT SPECIFIC GRAVITY	2.1	---	----	----	CH	01/12/96	
EPA 160.3	TOTAL SOLIDS	90	%	----	----	CH	01/03/96	
46	PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	DB	01/04/96	
SW-846 1010	IGNITIBILITY	> 200	F	----	> 140	CH	01/03/96	
SW-846 9076	**CHLORINE	N/D	mg/kg	100	< 10,000	BB	1/11/96	
SW-846 7.3.4.2	REACTIVE SULFIDE	N/D	mg/kg	20	< 50	BB	1/03/96	
SM 4500CN- IM	CYANIDE (AS FREE CN)	N/D	mg/kg	1.0	< 50	CH	1/12/96	
EPA 420.1	TCLP PHENOL (1311)	N/D	mg/l	0.1	< 2000	BB	1/08/96	
SW-846 8080A	PCB:		mg/kg		< 50	NG	1/05/96	
	AROCLOR 1016	N/D		1.0				
	AROCLOR 1221	N/D		1.0				
	AROCLOR 1232	N/D		1.0				
	AROCLOR 1242	N/D		1.0				
	AROCLOR 1248	N/D		1.0				
	AROCLOR 1254	N/D		1.0				
	AROCLOR 1260	N/D		1.0				

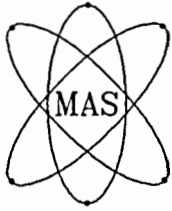
\* SAMPLE pH MEASURED IN WATER AT 23.4°C.

\*\*ANALYZED AS TOTAL HALOGENS.

*Nitin Barad.*

Nitin Barad  
Lab Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

Phone: 1-800-801-4MAS (MI only)

: (313) 964-3680

Fax No: (313) 964-2339

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60102034

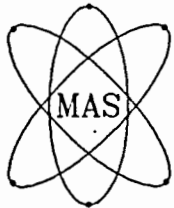
(continued)

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: BLDG 39 FS-1-3 12/28/95 1200  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846	<b>TCLP METALS :</b>		mg/l				1/05/96	
6010A	ARSENIC	N/D		1.0	< 5.0	KW		
6010A	BARIUM	N/D		10.0	< 100.0	KW		
6010A	CADMIUM	N/D		0.5	< 1.0	KW		
6010A	CHROMIUM	N/D		1.0	< 5.0	KW		
6010A	COPPER	N/D		1.0	< 100.0	KW		
6010A	LEAD	N/D		1.0	< 5.0	KW		
7470A	MERCURY	N/D		0.10	< 0.2	DB		
6010A	NICKEL	N/D		1.0	< 35.0	KW		
6010A	SELENIUM	N/D		0.50	< 1.0	KW		
6010A	SILVER	N/D		1.0	< 5.0	KW		
6010A	ZINC	N/D		5.0	< 200.0	KW		
SW-846 60A	<b>TCLP VOLATILES</b>		mg/l			EH	1/15/96	
	BENZENE	N/D		0.15	< 0.5			
	CARBON TETRACHLORIDE	N/D		0.15	< 0.5			
	CHLOROBENZENE	N/D		0.30	< 100			
	CHLOROFORM	N/D		0.15	< 6.0			
	1,2-DICHLOROETHANE	N/D		0.15	< 0.5			
	1,1-DICHLOROETHYLENE	N/D		0.15	< 0.7			
	METHYL ETHYL KETONE	N/D		10	< 200			
	TETRACHLOROETHYLENE	N/D		0.15	< 0.7			
	TRICHLOROETHYLENE	N/D		0.15	< 0.5			
	VINYL CHLORIDE	N/D		0.15	< 0.2			
SW-846 8270B	<b>TCLP SEMI-VOLATILES:</b>		mg/l			KT	1/08/96	
	1,4-DICHLOROBENZENE	N/D		2.0	< 7.5			
	2,4-DINITROTOLUENE	N/D		0.13	< 0.13			
	HEXACHLOROBENZENE	N/D		0.13	< 0.13			
	HEXACHLOROBUTADIENE	N/D		0.13	< 0.5			
	HEXACHLOROETHANE	N/D		2.0	< 3.0			
	NITROBENZENE	N/D		2.0	< 2.0			
	PYRIDINE	N/D		2.0	< 5.0			
	TOTAL CRESOL	N/D		10	< 200.0			
	PENTACHLOROPHENOL	N/D		3.0	< 100.0			
	2,4,5-TRICHLOROPHENOL	N/D		2.0	< 400.0			
	2,4,6-TRICHLOROPHENOL	N/D		2.0	< 2.0			

*Nitin Barad.*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

Date : 12-Jan-96

Client : ROSS CREIGHTON  
TRIAD ENGINEERING, INC.

Mas# : 60102025-032

PROJECT: : W963873 BUILDINGS 38,39

Sample LD. : 602-0 (3-5') (39), 301-C (3-5') (38), 603-Q (3-5') (39), 602-P (3-5') (39), 601-0 (3-5') (39), 603-P (3-5') (39), 601-Q (5-7') (39), 601-P (5-7') (39)

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.*

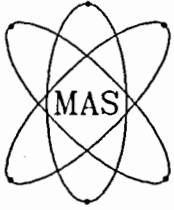
- 1. Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.*
- 2. N/D=Not detected above Estimated Quantitation Limit, N/A=Not applicable*
- 3. Results relate only to the items tested.*
- 4. mg/l, mg/kg, mg/kg(dry weight) equal ppm(parts per million)  
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  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102025

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96

JOB #: CHRYSLER CORP.

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 602-0 (3-5') (39) 12/28/95 1400  
PHYSICAL DESCRIPTION: SOLID

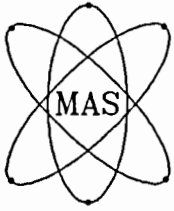
FILE: WENR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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				
	CHLOROENZENE	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-DICHLOROENZENE	N/D		5.0				
	1,3-DICHLOROENZENE	N/D		5.0				
	1,4-DICHLOROENZENE	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		25				SMI
	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				
	DIISOPROPYL ETHER	N/D		50				
	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				

SMI Sample matrix interference prevents lower detection limits.

*Nitin Barad*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60102025

(CONTINUED)

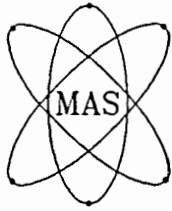
PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 602-0 (3-5') (39) 12/28/95 1400  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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	3200		5.0				J
	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				

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

*Nitin Barad.*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102026

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96

JOB #: CHRYSLER CORP.

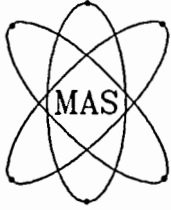
PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 301-C (3-5) (38) 12/28/95 1430  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		—	EH	01/09/96	
	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				
	CHLOROETHANE	N/D		5.0				
	CHLOROETHANE	N/D		5.0				
	CHLOROFORM	N/D		5.0				
	CHLOROMETHANE	N/D		5.0				
	2-CHLOROTOLUENE	19		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-DICHLOROETHANE	N/D		5.0				
	1,3-DICHLOROETHANE	N/D		5.0				
	1,4-DICHLOROETHANE	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				
	DIISOPROPYL ETHER	N/D		50				
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60102026

(CONTINUED)

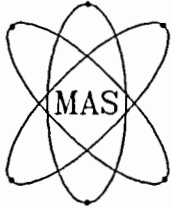
PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 301-C (3-5) (38) 12/28/95 1430  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	N/D		5.0				
	TOLUENE	24		5.0				B
	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	11		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				

B Analyte detected in method blank at a concentration of 5.2 ppb.

*Nitin Barad.*

Nitin Barad  
Lab Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102027

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96

JOB #: CHRYSLER CORP.

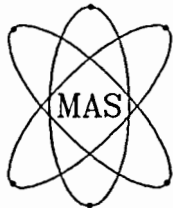
PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 603-Q (3-5') (39) 12/28/95 1330  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		—	EH	01/09/96	
	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-DICHLOROETHANE	N/D		5.0				
	1,3-DICHLOROETHANE	N/D		5.0				
	1,4-DICHLOROETHANE	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				
	DIISOPROPYL ETHER	N/D		50				
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60102027

(CONTINUED)

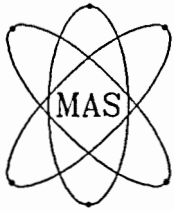
PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 603-Q (3-5) (39) 12/28/95 1330  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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 Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102028

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96

JOB #: CHRYSLER CORP.

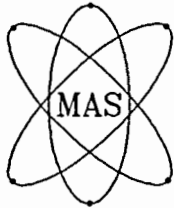
PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 602-P (3-5') (39) 12/28/95 1200  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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				
	DIISOPROPYL ETHER	N/D		50				
	ETHYL BENZENE	N/D		5.0				
	HEXACHLOROBUTADIENE	N/D		5.0				
	ISOPROPYL BENZENE	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60102028

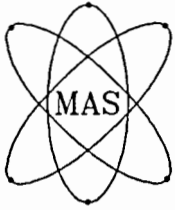
(CONTINUED)

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 602-P (3-5) (39) 12/28/95 1200  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102029

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96

JOB #: CHRYSLER CORP.

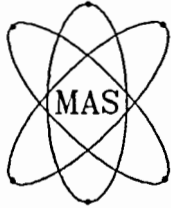
PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 601-0 (3-5) (39) 12/27/95 1100  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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				
	DIISOPROPYL ETHER	N/D		50				
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

Phone: 1-800-801-4MAS (MI only)

: (313) 964-3680

Fax No: (313) 964-2339

IN: NWB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60102029

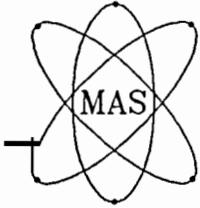
(CONTINUED)

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 601-0 (3-5) (39) 12/27/95 1100  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102030

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96

JOB #: CHRYSLER CORP.

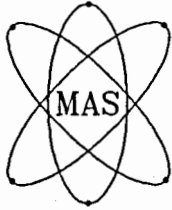
PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 603-P (3-5) (39) 12/28/95 1122  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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				
	DIISOPROPYL ETHER	N/D		50				
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60102030

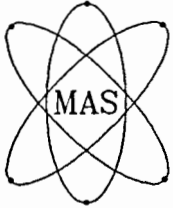
(CONTINUED)

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 603-P (3-5) (39) 12/28/95 1122  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102031

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96

JOB #: CHRYSLER CORP.

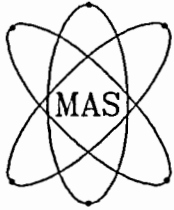
PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 601-Q (5-7) (39) 12/27/95 0900  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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				
	DIISOPROPYL ETHER	N/D		50				
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60102031

(CONTINUED)

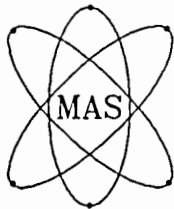
PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 601-Q (5-7) (39) 12/27/95 0900  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		—	EH	01/09/96	
	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	74		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 Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 60102032

PAGE 1 OF 2

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

DATE COMPLETED: 12-Jan-96

JOB #: CHRYSLER CORP.

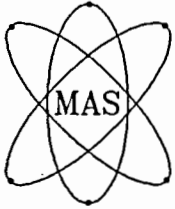
PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 601-P (5-7) (39) 12/27/95 1034  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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				
	CHLOROETHANE	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				
	DIISOPROPYL ETHER	N/D		50				
	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 Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60102032

(CONTINUED)

PROJECT: W963873 BUILDINGS 38,39  
SAMPLE IDENTIFICATION: 601-P (5-7) (39) 12/27/95 1034  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	01/09/96	
	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	37		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 Quality Manager

**ATTACHMENT C**  
**BUILDING 65 EXTENSION**  
**ANALYTICAL DATA**

BUILDING 65 SAMPLES  
SUMMARY OF DETECTED ORGANIC COMPOUNDS  
CHRYSLER CORPORATION, KENOSHA ENGINE PLANT

SAMPLE I.D.	DATE COLLECTED	U.S. EPA METHOD	LAB IDENTIFICATION <sup>(1)</sup>	Results (micrograms per kilograms)														mg/kg	
				n-UTYLBENZENE	cis-1,2-DICHLOROETHANE	ETHYL BENZENE	P-ISOPROPYLTOLUENE	NAPHTHALENE	n-PROPYL BENZENE	TETRACHLOROETHENE	TOLUENE	1,1,1-TRICHLOROETHANE	TRICHLOROETHENE	1,2,4-TRIMETHYLBENZENE	1,3,5-TRIMETHYLBENZENE	m & p-XYLENE	o-XYLENE	GRO	DRO
BLDEXT -1(1-2')	10/31/95	8260	51102018	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<16	<8.0	13 W4	120 *,W2
BLDEXT-3(5-6')	10/31/95	8260	51102019	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10 W4	<10
CRFM-1	12/13/95	8260	51215012	<5.0	<5.0	<5.0	<5.0	9.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10 W4,WB	31 W1,W2,LH
CRFM-2	12/13/95	8260	51215013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10 W4,WB	44 W1,W2,LH
CRFM-3	12/14/95	8260	51215014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.1	<5.0	9.8	<5.0	<5.0	<10	<5.0	<10 W4,WB	33 W1,W2,LH
GR63AE-1S	12/14/95	8260	51218037	<5.0	38	<5.0	5.3	<5.0	<5.0	21	6.3	<5.0	610*	39	18	35	10	15 W4,WB	100 *,W1,W2,LH
GR63AE-2N	12/14/95	8260	51218038	9.8	<5.0	15	8	14	11	71	<5.0	5.5	100	53	20	48	5.1	72 W4,WB	81 *,W1,W2,LH

\* 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.

W4 - GRO sample weight outside acceptable limits.

WB - Baseline rise at end of retention time window.

W2 - Peaks after retention time window.

W1 - Peaks before retention time window.

LH - QC indicate low recovery for this test. The two laboratory control spikes had recoveries of 69% & 35%. The acceptable range for this test is 70%-115%. Continuing calibration verification recovery -97%.

(1) Analysis Performed by Midwest Analytical Services, Inc.

NA - Not Analyzed

MIDWEST ANALYTICAL SERVICES, INC.  
 5101 W. BELMONT RD.  
 MILWAUKEE, WI. 53214

**CHAIN OF CUSTODY RECORD  
 & SAMPLE ANALYSIS REQUEST**



PHONE#: (414) 343-3500  
 FAX#: (414) 643-3502

CLIENT: TRIAD ENGINEERING SAMPLE COLLECTOR: KURT F. WALDHUTTER  
 P.O.#: RELEASE OR REFERENCE: FIN TEL#: 414-291-8840  
 JOB #: W943324.26 PROJECT: CHRYSLER BUILDING EXTENSION  
 RESULTS TO THE ATTENTION OF: BOSS CREIGHTON NEED FAXED: YES  NO

DETECTION LIMITS (DL)  
 DL DL DL DL DL  
 ANALYSIS METHOD VIC 8760  
 ANALYSIS METHOD DRU  
 ANALYSIS METHOD LD/MLR MCD  
 ANALYSIS METHOD LD/MLR MCD  
 ANALYSIS METHOD  
 ANALYSIS METHOD  
 G-GLASS  
 P-PLASTIC

PAGE 1 OF 1  
 NORMAL   
 RUSH

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		ANALYSIS METHODS					CONTAINERS		PRESER-VATIVE	LAB USE ONLY MAS # & PHYS. DESC.
				*ORIGIN	MATRIX	#	SIZE	TYPE						
1	RLD EXT - 1 1-2'		11/21/95 1520	7.	SOIL	X	X	X			4	407	G	GRU
2	RLD EXT - 3 5-6'		11/23/95 1525	7.	SOIL	X	X	X			4	↓	↓	MOILL
3	METHANOL BLANK		11/23/95 1526	7.	SOIL			X			1	↓	↓	

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

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

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

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

COMMENTS: COLLECTED ALONG EASTERN PART OF OLD RD EXTENSION WHERE TREAD FOOTING WILL BE PLACED.

**CHAIN OF CUSTODY RECORD  
& SAMPLE ANALYSIS REQUEST**

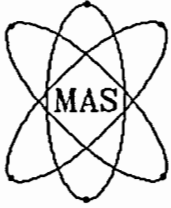


CLIENT: <u>TRIAD ENGINEERING</u>		SAMPLE COLLECTOR: <u>KURT R. WALDHUETTER</u>		DETECTION LIMITS (DL)		PAGE <u>1</u> OF <u>1</u>	
P.O.#:		RELEASE OR REFERENCE:		DL DL DL DL DL		NORMAL <input checked="" type="checkbox"/>	
JOB #: <u>W943324.26</u>		F/N TEL #: <u>414-291-8840</u>		<u>ANALYSIS VOC METHOD 8260</u> <u>ANALYSIS DRO METHOD WADR-MOD</u> <u>ANALYSIS METHOD GRO</u> <u>ANALYSIS METHOD WADR-MOD</u> <u>ANALYSIS METHOD</u>		RUSH _____	
PROJECT: <u>CHRYSLER BUILDING EXTENSION</u>		NEED FAXED: YES: <input type="checkbox"/> NO: <input type="checkbox"/>				G-GLASS P-PLASTIC <u>Brown (solid)</u>	
RESULTS TO THE ATTENTION OF: <u>ROSS CREIGHTON</u>							

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		#	CONTAINERS		PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
				*ORIGIN	MATRIX		SIZE	TYPE		
1	BLD EXT - 1 1-2'		10/31/95 1520	7.	SOIL	X	4	4oz	G	GRO-51102018
2	BLD EXT - 3 5-6'		10/31/95 1525	7.	SOIL	X	4	↓	↓	MeOH 19
3	METHANOL BLANK		10/31/95 1526	7.	SOIL	X	1	↓	↓	20

RELINQUISHED BY: (SIGNATURE) <u>Kurt R. Waldhuetter</u>	DATE/TIME <u>10/31/95 1645</u>	RECEIVED BY: (SIGNATURE) <u>Charles</u>	DATE/TIME <u>11/1/95</u>	* 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: _____
		RECEIVED FOR LAB BY: <u>[Signature]</u>	<u>11/2/95</u> <u>11:30 AM</u>	LAB USE ONLY: STATUS OF THE SAMPLE RECEIVED: TRANSPORT TEMPERATURE <u>ICE ON ICE</u> SEALED <input checked="" type="checkbox"/> NOT SEALED <input type="checkbox"/>	FIELD CHARGES: FIELD HOURS [ ] SET UP [ ] ISCO CHARGE [ ] PICK UP: [ ] OF [ ] C [ ] NC [ ]	

COMMENTS COLLECTED ALONG EASTERN PART OF BLD 60 EXTENSION WHERE SPREAD FOOTING WILL BE PLACED.



## Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

**Date** : 13-Nov-95  
**Client** : ROSS CREIGHTON  
: TRIAD ENGINEERING, INC.  
**Mas#** : 51102018-020  
**PROJECT:** : CHRYSLER BUILDING EXTENSION  
**Sample I.D.** : BLD EXT-1 1-2', BLD EXT-3 5-6', METHANOL BLANK

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.

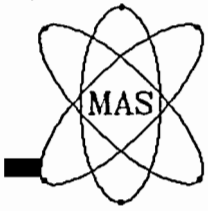
1. Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.
2. N/D=Not detected, N/A=Not applicable
3. Results relate only to the items tested.
4. mg/l, mg/kg, mg/kg(dry weight) equal ppm(parts per million)  
 $\mu\text{g/l}$ ,  $\mu\text{g/kg}$ ,  $\mu\text{g/kg(dry weight)}$  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,

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 51102018

PAGE 1 OF 2

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

DATE COMPLETED: 13-Nov-95

JOB #: W943324.26

PROJECT: CHRYSLER BUILDING EXTENSION  
SAMPLE IDENTIFICATION: BLD EXT-1 1-2' 10/31/95 1520  
PHYSICAL DESCRIPTION: SOLID

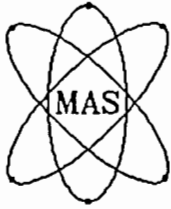
FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		—	EH	11/6/95	SMI
	BENZENE	N/D		8.0				
	BROMOBENZENE	N/D		8.0				
	BROMODICHLOROMETHANE	N/D		8.0				
	n-BUTYLBENZENE	N/D		8.0				
	sec-BUTYLBENZENE	N/D		8.0				
	tert-BUTYLBENZENE	N/D		8.0				
	CARBON TETRACHLORIDE	N/D		8.0				
	CHLOROENZENE	N/D		8.0				
	CHLOROETHANE	N/D		8.0				
	CHLOROFORM	N/D		8.0				
	CHLOROMETHANE	N/D		8.0				
	2-CHLOROTOLUENE	N/D		8.0				
	4-CHLOROTOLUENE	N/D		8.0				
	1,2-DIBROMO-3-CHLOROPROPANE	N/D		8.0				
	1,2-DIBROMOETHANE	N/D		8.0				
	DIBROMOCHLOROMETHANE	N/D		8.0				
	1,2-DICHLOROBENZENE	N/D		8.0				
	1,3-DICHLOROBENZENE	N/D		8.0				
	1,4-DICHLOROBENZENE	N/D		8.0				
	DICHLORODIFLUOROMETHANE	N/D		8.0				
	1,1-DICHLOROETHANE	N/D		8.0				
	1,2-DICHLOROETHANE	N/D		8.0				
	1,1-DICHLOROETHENE	N/D		8.0				
	cis-1,2-DICHLOROETHENE	N/D		8.0				
	trans-1,2-DICHLOROETHENE	N/D		8.0				
	1,2-DICHLOROPROPANE	N/D		8.0				
	1,3-DICHLOROPROPANE	N/D		8.0				
	2,2-DICHLOROPROPANE	N/D		8.0				
	DIISOPROPYL ETHER	N/D		8.0				
	ETHYL BENZENE	N/D		8.0				
	HEXACHLOROBUTADIENE	N/D		8.0				
	ISOPROPYLBENZENE	N/D		8.0				
	p-ISOPROPYLTOLUENE	N/D		8.0				
	METHYLENE CHLORIDE	N/D		8.0				
	METHYL TERT BUTYL ETHER	N/D		8.0				
	NAPHTHALENE	N/D		8.0				
	n-PROPYL BENZENE	N/D		8.0				

SMI Sample matrix interference prevents lower detection limits

Krystyna Czyzo  
Lab. Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 51102018

(CONTINUED)

PROJECT: CHRYSLER BUILDING EXTENSION SAMPLE IDENTIFICATION: BLD EXT-1 1-2' 10/31/95 1520 PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	11/06/95	SMI
	1,1,2,2-TETRACHLOROETHANE	N/D		8.0				
	TETRACHLOROETHENE	N/D		8.0				
	TOLUENE	N/D		8.0				
	1,2,3-TRICHLOROBENZENE	N/D		8.0				
	1,2,4-TRICHLOROBENZENE	N/D		8.0				
	1,1,1-TRICHLOROETHANE	N/D		8.0				
	1,1,2-TRICHLOROETHANE	N/D		8.0				
	TRICHLOROETHENE	N/D		8.0				
	TRICHLOROFLUOROMETHANE	N/D		8.0				
	1,2,4-TRIMETHYLBENZENE	N/D		8.0				
	1,3,5-TRIMETHYLBENZENE	N/D		8.0				
	VINYL CHLORIDE	N/D		8.0				
	m & p-XYLENES	N/D		16				
	o-XYLENE	N/D		8.0				

SMI Sample matrix interference prevents lower detection limits

FILE: WDN\R\DROS

HOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	13	mg/kg DRY WEIGHT	10	----	MK	11/07/95	W4

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR

W4 GRO sample weight outside of acceptable parameters.

FILE: WDN\R\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	120	mg/kg DRY WEIGHT	10	----	MK	11/07/95	J, W2

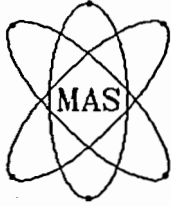
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation

W2 Peaks after retention time window.

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 51102019

PAGE 1 OF 2

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

DATE COMPLETED: 13-Nov-95

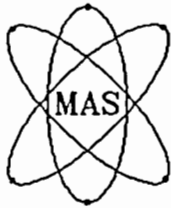
JOB #: W943324.26

PROJECT: CHRYSLER BUILDING EXTENSION  
SAMPLE IDENTIFICATION: BLD EXT-3 5-6' 10/31/95 1525  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		—	EH	11/6/95	
	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-DICHLOROETHANE	N/D		5.0				
	1,3-DICHLOROETHANE	N/D		5.0				
	1,4-DICHLOROETHANE	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				
	DIISOPROPYL ETHER	N/D		50				
	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				

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 51102019

(CONTINUED)

PROJECT: CHRYSLER BUILDING EXTENSION SAMPLE IDENTIFICATION: BLD EXT-3 5-6' 10/31/95 1525 PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	11/06/95	
	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				

FILE: WDNRA1GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	MK	11/07/95	W4

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR

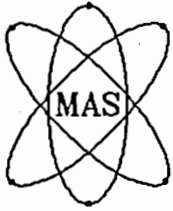
W4 GRO sample weight outside of acceptable parameters.

FILE: WDNRA1GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	MK	11/07/95	

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 51102020

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

DATE COMPLETED: 13-Nov-95

JOB #: W943324.26

PROJECT: CHRYSLER BUILDING EXTENSION  
SAMPLE IDENTIFICATION: METHANOL BLANK 10/31/95 1526  
PHYSICAL DESCRIPTION: SOLID

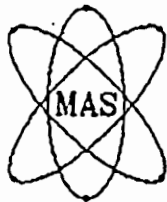
FILE: WDN\RAGROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/l	10	----	MK	11/07/95	

SAMPLE OBSERVATION (VISUAL AND OLFATORY): METHANOL

Krystyna Czyzo  
Lab. Quality Manager





## Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

Date : 04-Jan-96  
Client : ROSS CREIGHTON  
TRIAD ENGINEERING, INC.  
Mas# : 51215012-018  
PROJECT: : CHRYSLER FIRE MAIN  
Sample LD. : CRFM-1, CRFM-2, CRFM-3, CRFM-1PB, BD68-1, BD68-2, BD68-3

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.*

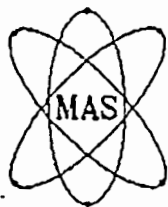
1. Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.
2. N/D=Not detected above Estimated Quantitation Limit, N/A=Not applicable
3. Results relate only to the items tested.
4. mg/l, mg/kg, mg/kg(dry weight) equal ppm(parts per million)  
 $\mu\text{g/l}$ ,  $\mu\text{g/kg}$ ,  $\mu\text{g/kg(dry weight)}$  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,

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 51215012

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

DATE COMPLETED: 04-Jan-96  
P.O. #: W943046.28

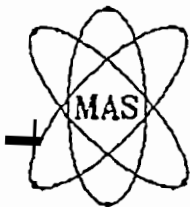
PROJECT: CHRYSLER FIRE MAIN  
SAMPLE IDENTIFICATION: CRFM-1 12/13/95  
PHYSICAL DESCRIPTION: SOLID

FILE: WDSR/VCCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
8W-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT			EH	12/23/95	
	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				
	CHLOROENZENE	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				
	DISOPROPYL ETHER	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		5.0				
	NAFHTHALENE	9.2		5.0				
	n-PROPYL BENZENE	N/D		5.0				

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

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

IN: DLB  
 PAGE 2 OF 2

## TEST REPORT

MAS #: 51215012

(continued)

PROJECT: CHRYSLER FIRE MAIN  
 SAMPLE IDENTIFICATION: CRFM-1 12/13/95  
 PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		--	EH	12/23/95	
	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				

FILE: WDNR\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	MK	12/22/95	W4, WB

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR

W4 GRO sample weights outside of acceptable parameters.  
 WB Baseline rise at end of retention time window.

FILE: WDNR\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	38	mg/kg DRY WEIGHT	10	----	MK	12/22/95	W1, W2, LH

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

W1 Peaks before retention time window.

W2 Peaks after retention time window.

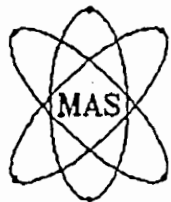
LH QC indicate low recovery for this test. The two laboratory control spikes had recoveries of 69% & 35%. The acceptable range for this test is 70-115%.

Continuing calibration verification recovery - 97%.

*Krystyna Czyzo*

Krystyna Czyzo  
 Lab. Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

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

IN: DLB  
 PAGE 1 OF 2

## TEST REPORT

MAS #: 51215013

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

DATE COMPLETED: 04-Jan-96  
 P.O. #: W943046.28

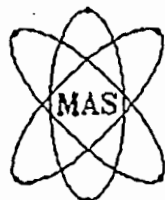
PROJECT: CHRYSLER FIRE MAIN  
 SAMPLE IDENTIFICATION: CRFM-2 12/13/95 12:17  
 PHYSICAL DESCRIPTION: SOLID

FILE: WDR/VOCs

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8160A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	12/23/95	
	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				
	DIISOPROPYL ETHER	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		5.0				
	NAPHTHALENE	N/D		5.0				
	n-PROPYL BENZENE	N/D		5.0				

*Krystyna Czyzo*

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

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

IN: DLB  
 PAGE 2 OF 2

## TEST REPORT

MAS #: 51215013

(continued)

PROJECT: CHRYSLER FIRE MAIN  
 SAMPLE IDENTIFICATION: CRFM-2 12/13/95 12:17  
 PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
8W-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	12/23/95	
	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				

FILE: WDNRA GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	MK	12/22/95	W4, WB

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR  
 W4 GRO sample weights outside of acceptable parameters.  
 WB Baseline rise at end of retention time window.

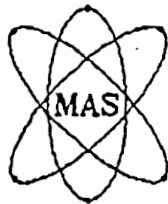
FILE: WDNRA DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	44	mg/kg DRY WEIGHT	10	----	MK	12/22/95	W1, W2, LH

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR  
 DOES THE DRO PATTERN LOOK LIKE DIESEL? YES  
 W1 Peaks before retention time window.  
 W2 Peaks after retention time window.  
 LH QC indicate low recovery for this test. The two laboratory control spikes had recoveries of 69% & 35%. The acceptable range for this test is 70- 115%.  
 Continuing calibration verification recovery - 97%.

*Krystyna Czyzo*

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 51215014

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

DATE COMPLETED: 04-Jan-96  
P.O. #: W943046.28

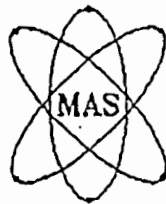
PROJECT: CHRYSLER FIRE MAIN  
SAMPLE IDENTIFICATION: CRFM-3 12/13/95  
PHYSICAL DESCRIPTION: SOLID

FILE: WENR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	12/23/95	
	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				
	DIISOPROPYL ETHER	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		5.0				
	NAPHTHALENE	N/D		5.0				
	n-PROPYL BENZENE	N/D		5.0				

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 51215014

(continued)

PROJECT: CHRYSLER FIRE MAIN  
SAMPLE IDENTIFICATION: CRFM-3 12/13/95  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
5W-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	12/23/95	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHYLENE	N/D		5.0				
	TOLUENE	5.1		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	9.8		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				

FILE: WDNRA GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	MK	12/22/95	W4, W3

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR

W4 GRO sample weights outside of acceptable parameters.  
W3 Baseline rise at end of retention time window.

FILE: WDNRA DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	33	mg/kg DRY WEIGHT	10	----	MK	12/22/95	W1, W2, LH

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

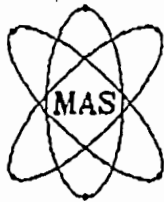
W1 Peaks before retention time window.

W2 Peaks after retention time window.

LH QC indicate low recovery for this test. The two laboratory control spikes had recoveries of 69% & 35%. The acceptable range for this test is 70-115%. Continuing calibration verification recovery - 97%.

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

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

IN: DLB  
 PAGE 1 OF 2

## TEST REPORT

MAS #: 51215015

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

DATE COMPLETED: 04-Jan-96  
 P.O. #: W943046.28

PROJECT: CHRYSLER FIRE MAIN  
 SAMPLE IDENTIFICATION: CRFM-1PB 12/13/95  
 PHYSICAL DESCRIPTION: SOLID

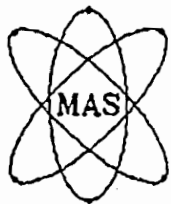
FILE: WDMRPROTB

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 9045C	pH/CORROSIIVITY	8.30	UNITS	----	2.0 spHs 12.5	CH	12/22/95	
ASTM D5057	APPARENT SPECIFIC GRAVITY	2.1	---	----	----	CH	12/22/95	
EPA 160.3	TOTAL SOLIDS	87	%	----	----	CH	12/12/95	
SW-846 9095	PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	DB	12/15/95	
SW-846 1010	IGNITIBILITY	> 200	F	----	> 140	CH	12/22/95	
SW-846 9076	**CHLORINE	N/D	mg/kg	100	< 10,000	BB	12/26/95	
SW-846 7.3.4.2	REACTIVE SULFIDE	N/D	mg/kg	20	< 50	BB	12/26/95	
SM 4500CN- IM	CYANIDE (AS FREE)	N/D	mg/kg	5.0	< 50	CH	12/22/95	
EPA 420.1	TCLP PHENOL (1311)	4.2	mg/l	0.50	< 2000	CH	12/27/95	
SW-846 8080A	PCB:		mg/kg		----	MK/NG	12/19/95	
	AROCLOR 1016	N/D		1.0				
	AROCLOR 1221	N/D		1.0				
	AROCLOR 1232	N/D		1.0				
	AROCLOR 1242	N/D		1.0				
	AROCLOR 1248	N/D		1.0				
	AROCLOR 1254	N/D		1.0				
	AROCLOR 1260	N/D		1.0				

\* SAMPLE pH MEASURED IN WATER AT 24.7°C.

\*\*ANALYZED AS TOTAL HALOGENS.

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

Phone: 1-800-301-4MAS (MI only)  
 : (313) 964-3680  
 Fax No: (313) 964-2339

IN: DLB  
 PAGE 2 OF 2

## TEST REPORT

MAS #: 51215015

(continued)

PROJECT: CHRYSLER FIRE MAIN  
 SAMPLE IDENTIFICATION: CRFM-1PB 12/13/95  
 PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846	<b>TCLP METALS :</b>		mg/l					
6010A	ARSENIC	N/D		1.0	< 5.0	KW	12/19/95	
6010A	BARIIUM	N/D		10.0	< 100.0	KW	12/19/95	
6010A	CADMIUM	N/D		0.5	< 1.0	KW	12/19/95	
6010A	CHROMIUM	N/D		1.0	< 5.0	KW	12/19/95	
6010A	COPPER	N/D		1.0	< 100.0	KW	12/19/95	
6010	LEAD	N/D		1.0	< 5.0	KW	12/19/95	
7470A	MERCURY	N/D		0.10	< 0.2	DB	12/26/95	
6010A	NICKEL	N/D		1.0	< 35.0	KW	12/19/95	
7741A	SELENIUM	N/D		0.50	< 1.0	DB	12/20/95	
6010A	SILVER	N/D		1.0	< 5.0	KW	12/19/95	
6010A	ZINC	N/D		5.0	< 200.0	KW	12/19/95	
SW-846 8010B/ 8020AM	<b>TCLP VOLATILES</b>		mg/l			MK	12/20/95	
	BENZENE	N/D		0.15	< 0.5			
	CARBON TETRACHLORIDE	N/D		0.15	< 0.5			
	CHLOROBENZENE	N/D		0.30	< 100			
	CHLOROFORM	N/D		0.15	< 6.0			
	1,2-DICHLOROETHANE	N/D		0.15	< 0.5			
	1,1-DICHLOROETHYLENE	N/D		0.15	< 0.7			
	METHYL ETHYL KETONE	N/D		10	< 200			
	TETRACHLOROETHYLENE	N/D		0.15	< 0.7			
	TRICHLOROETHYLENE	N/D		0.15	< 0.5			
	VINYL CHLORIDE	N/D		0.15	< 0.2			
SW-846 8270B	<b>TCLP SEMI-VOLATILES:</b>		mg/l			KT	12/21/95	
	1,4-DICHLOROBENZENE	N/D		2.0	< 7.5			
	2,4-DINITROTOLUENE	N/D		0.13	< 0.13			
	HEXACHLOROBENZENE	N/D		0.13	< 0.13			
	HEXACHLOROBUTADIENE	N/D		0.13	< 0.5			
	HEXACHLOROETHANE	N/D		2.0	< 3.0			
	NITROBENZENE	N/D		2.0	< 2.0			
	PYRIDINE	N/D		2.0	< 5.0			
	TOTAL CRESOL	N/D		10	< 200.0			
	PENTACHLOROPHENOL	N/D		3.0	< 100.0			
	2,4,5-TRICHLOROPHENOL	N/D		2.0	< 400.0			
	2,4,6-TRICHLOROPHENOL	N/D		2.0	< 2.0			

*Krystyna Czyzo*

Krystyna Czyzo  
 Lab. Quality Manager

**CHAIN OF CUSTODY RECORD  
 & SAMPLE ANALYSIS REQUEST**



PHONE#: (810) 301-4MAS  
 (313) 964-3680  
 FAX#: (313) 964-2339

CLIENT: <i>TRINEX Corp. OPER. 4</i>		SAMPLE COLLECTOR: <i>Philip Belmont</i>		DETECTION LIMITS (DL)		PAGE ____ OF ____									
P.O.#:		RELEASE OR REFERENCE		DL DL DL DL DL DL ANALYSIS METHOD <i>260 W/360</i> ANALYSIS METHOD <i>260 W/360</i> ANALYSIS METHOD <i>260 W/360</i> ANALYSIS METHOD <i>260 W/360</i> ANALYSIS METHOD <i>260 W/360</i> ANALYSIS METHOD <i>260 W/360</i>		NORMAL _____									
JOB #: <i>963706.28</i>		F/N TEL #: <i>(414) 291-8840</i>				RUSH _____									
PROJECT: <i>CHRYSLER</i>		RESULTS TO THE ATTENTION OF: <i>Ross Crigler</i>				NEED FAXED: YES <input type="checkbox"/> NO <input type="checkbox"/>		G-GLASS _____ P-PLASTIC _____							
ITEM #		SAMPLE IDENTIFICATION				LOCATION		DATE/TIME SAMPLED		SAMPLE *ORIGIN MATRIX		CONTAINERS SIZE TYPE		PRESERVATIVE	
<i>1</i>		<i>GR63AE-1S</i>				<i>12-14-95</i>		<i>7 501L</i>		<i>X X X</i>		<i>4</i>			
<i>2</i>		<i>GR63AE-2N</i>				<i>12-14-95</i>		<i>7 501L</i>		<i>X X X</i>		<i>4</i>			

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>		RECEIVED BY: (SIGNATURE) <i>[Signature]</i>		* SAMPLE ORIGIN		5. TCLP WASTE		9. RESEARCH			
DATE/TIME <i>12-14-95 17:50</i>		DATE/TIME <i>12/15/95 1330</i>		1. DRINKING WATER		6. MDNR		10. AIR			
				2. N.P.D.E.S.		7. WDNR		11. OTHER: _____			
				3. WASTE WATER - CITY: _____		8. INTERNAL USE					
				4. STORM WATER							
LAB USE ONLY:				STATUS OF THE SAMPLE RECEIVED:				FIELD CHARGES:			
				TRANSPORT TEMPERATURE _____				FIELD HOURS _____			
				SEALED <input type="checkbox"/> NOT SEALED <input type="checkbox"/>				SET UP _____			
				RECEIVED BY: _____				ISCO CHARGE _____			
				MAIL <input type="checkbox"/> DROP OFF <input type="checkbox"/>				PICK UP: _____ OF _____			
				RECEIVED FOR LAB BY: _____				C <input type="checkbox"/> NC <input type="checkbox"/>			

COMMENTS: \_\_\_\_\_

CHAIN OF CUSTODY RECORD  
 & SAMPLE ANALYSIS REQUEST



PHONE#: (800) 1-4MAS  
 (313) 4-3680  
 FAX#: (313) 964-2339

CLIENT: TRIAD Engineering      SAMPLE COLLECTOR: ALAN Kolberg  
 P.O.#.: \_\_\_\_\_      RELEASE OR REFERENCE \_\_\_\_\_  
 JOB #: 963706.28      F/N \_\_\_\_\_      TEL #: (414) 291-8840  
 PROJECT: CHRYSLER  
 RESULTS TO THE ATTENTION OF: Ross Cristoforo      NEED FAXED: YES:  NO:

DETECTION LIMITS (DL) \_\_\_\_\_  
 DL \_\_\_\_\_ DL \_\_\_\_\_ DL \_\_\_\_\_ DL \_\_\_\_\_ DL \_\_\_\_\_  
 ANALYSIS METHOD 100 MS/GOL  
 ANALYSIS METHOD 8260 MS/GOL  
 ANALYSIS METHOD WAVE modified  
 ANALYSIS METHOD WAVE modified  
 ANALYSIS METHOD \_\_\_\_\_  
 ANALYSIS METHOD \_\_\_\_\_  
 G-GLASS \_\_\_\_\_  
 P-PLASTIC \_\_\_\_\_  
 PAGE \_\_\_\_\_ OF \_\_\_\_\_  
 NORMAL \_\_\_\_\_  
 RUSH \_\_\_\_\_  
Brown (soil)

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		ANALYSIS METHOD						CONTAINERS		PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.	
				*ORIGIN	MATRIX	#	SIZE	TYPE	DL	DL	DL	DL	DL			DL
1	GR63AE-1S		12-14-95	7	SOIL	X	X	X								51218037
2	GR63AE-2N		12-14-95	7	SOIL	X	X	X								38

RELINQUISHED BY: (SIGNATURE) \_\_\_\_\_ DATE/TIME: 12-14-95 17:50  
 RECEIVED BY: (SIGNATURE) \_\_\_\_\_ DATE/TIME: 12/15 1330  
 RECEIVED FOR LAB BY: \_\_\_\_\_ DATE/TIME: 12/18/95 1:00K

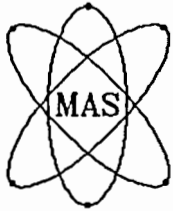
\* SAMPLE ORIGIN  
 1. DRINKING WATER      5. TCLP WASTE      9. RESEARCH  
 2. N.P.D.E.S.      6. MDNR      10. AIR  
 3. WASTE WATER - CITY: \_\_\_\_\_      7. WDNR      11. OTHER: \_\_\_\_\_  
 4. STORM WATER      8. INTERNAL USE \_\_\_\_\_

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 \_\_\_\_\_





## Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

Date : 29-Dec-95  
Client : ROSS CREIGHTON  
TRIAD ENGINEERING, INC.  
Mas# : 51218037-038  
PROJECT: : CHRYSLER  
Sample I.D. : GR63AE-1S, GR63AE-2N

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.

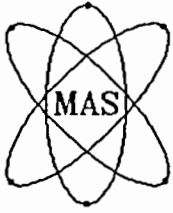
1. Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.
2. N/D=Not detected above Estimated Quantitation Limit, N/A=Not applicable
3. Results relate only to the items tested.
4. mg/l, mg/kg, mg/kg(dry weight) equal ppm(parts per million)  
 $\mu\text{g/l}$ ,  $\mu\text{g/kg}$ ,  $\mu\text{g/kg(dry weight)}$  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,

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 51218037

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

DATE COMPLETED: 29-Dec-95

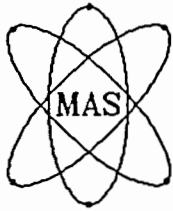
JOB #: 963706.28

PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: GR63AE-1S 12/14/95  
PHYSICAL DESCRIPTION: SOLID

FILE:WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	12/23/95	
	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	38		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				
	DIISOPROPYL ETHER	N/D		50				
	ETHYL BENZENE	N/D		5.0				
	HEXACHLOROBUTADIENE	N/D		5.0				
	ISOPROPYLBENZENE	N/D		5.0				
	p-ISOPROPYLTOLUENE	5.3		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				

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 51218037

(continued)

PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: GR63AE-1S 12/14/95  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	12/23/95	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	21		5.0				
	TOLUENE	6.3		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	610		5.0				J
	TRICHLOROFLUOROMETHANE	N/D		5.0				
	1,2,4-TRIMETHYLBENZENE	39		5.0				
	1,3,5-TRIMETHYLBENZENE	18		5.0				
	VINYL CHLORIDE	N/D		5.0				
	m & p-XYLENES	35		10				
	o-XYLENE	10		5.0				

Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

FILE: WDNR\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	15	mg/kg DRY WEIGHT	10	----	MK	12/22/95	WB, W4

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR

WB Baseline rise at end of retention time window.

W4 GRO sample weights outside of acceptable parameters.

FILE: WDNR\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	100	mg/kg DRY WEIGHT	10	----	MK	12/22/95	J, LH, W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

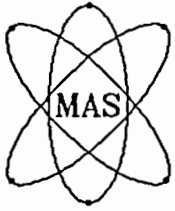
J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

LH QC INDICATE LOW RECOVERY FOR THIS TEST. LABORATORY CONTROL SPIKE RECOVERY FOR SOIL - 69% & 35%. ACCEPTABLE RANGE IS 70-120%. CONTINUING CALIBRATION VERIFICATION RECOVERY - 97%.

W1 Peaks before retention time window.

W2 Peaks after retention time window.

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 51218038

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

DATE COMPLETED: 29-Dec-95

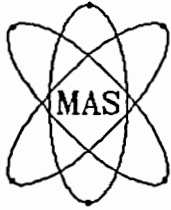
JOB #: 963706.28

PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: GR63AE-2N 12/14/95  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNr/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	12/23/95	
	BENZENE	N/D		5.0				
	BROMOBENZENE	N/D		5.0				
	BROMODICHLOROMETHANE	N/D		5.0				
	n-BUTYLBENZENE	9.8		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				
	DIISOPROPYL ETHER	N/D		50				
	ETHYL BENZENE	15		5.0				
	HEXACHLOROBUTADIENE	N/D		5.0				
	ISOPROPYLBENZENE	N/D		5.0				
	p-ISOPROPYLTOLUENE	8.1		5.0				
	METHYLENE CHLORIDE	N/D		5.0				
	METHYL TERT BUTYL ETHER	N/D		50				
	NAPHTHALENE	14		5.0				
	n-PROPYL BENZENE	11		5.0				

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 51218038

(continued)

PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: GR63AE-2N 12/14/95  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	12/23/95	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	71		5.0				
	TOLUENE	N/D		5.0				
	1,2,3-TRICHLOROENZENE	N/D		5.0				
	1,2,4-TRICHLOROENZENE	N/D		5.0				
	1,1,1-TRICHLOROETHANE	5.5		5.0				
	1,1,2-TRICHLOROETHANE	N/D		5.0				
	TRICHLOROETHENE	100		5.0				
	TRICHLOROFLUOROMETHANE	N/D		5.0				
	1,2,4-TRIMETHYLBENZENE	53		5.0				
	1,3,5-TRIMETHYLBENZENE	20		5.0				
	VINYL CHLORIDE	N/D		5.0				
	m & p-XYLENES	48		10				
	o-XYLENE	5.1		5.0				

FILE: WDN\RAGROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	72	mg/kg DRY WEIGHT	10	----	MK	12/22/95	WB, W4

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

WB Baseline rise at end of retention time window.

W4 GRO sample weights outside of acceptable parameters.

FILE: WDN\RAGROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	81	mg/kg DRY WEIGHT	10	----	MK	12/22/95	J, LH, W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

LH QC INDICATE LOW RECOVERY FOR THIS TEST. LABORATORY CONTROL SPIKE RECOVERY FOR SOIL - 69% & 35%. ACCEPTABLE RANGE IS 70-120%. CONTINUING CALIBRATION VERIFICATION RECOVERY - 97%.

W1 Peaks before retention time window.

W2 Peaks after retention time window.

Krystyna Czyzo  
Lab. Quality Manager

**ATTACHMENT D**

**BUILDING 68 AREA  
ANALYTICAL DATA**

BUILDING SAMPLES  
SUMMARY OF DETECTED ORGANIC COMPOUNDS  
CHRYSLER CORPORATION, FORD MOTOR COMPANY, AND GM  
NOSH ENGINE PLANT

SAMPLE I.D.	DATE COLLECTED	U.S. EPA METHOD	LAB IDENTIFICATION <sup>(1)</sup>	Results (micrograms per kilograms)																												mg/kg			
				BENZENE	n-BUTYL BENZENE	iso-BUTYL BENZENE	tert-BUTYL BENZENE	CHLORO BENZENE	CHLOROMETHANE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1,1-DICHLOROETHANE	cis-1,2-DICHLOROBENZENE	trans-1,2-DICHLOROETHENE	ETHYL BENZENE	ISOPROPYL BENZENE	p-ISOPROPYL TOLUENE	METHYLENE CHLORIDE	NAPHTHALENE	n-PROPYL BENZENE	TETRACHLOROETHENE	TOLUENE	1,2,3-TRICHLOROBENZENE	1,2,4-TRICHLOROBENZENE	1,1,1-TRICHLOROETHANE	1,1,2-TRICHLOROETHANE	TRICHLOROETHENE	1,2,4-TRIMETHYLBENZENE	1,3,5-TRIMETHYLBENZENE	m & p-XYLENE	o-XYLENE	GRO	DRO	
B-1(3-5)	8/22/95	8260A	50623027	<5.0	140	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	100	82	88	<5.0	<5.0	110	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	37	7.5	390*	110	120	31	220	12		
B-2(3-5)	8/22/95	8260A	50623021	4700*	2800	1100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	3900*	1700	1500	<5.0	1300	2700	<5.0	2100	<5.0	<5.0	<5.0	<5.0	<5.0	8400*	3200	5800	470	2400	360	
B-3(3-5)	8/22/95	8260A	50623029	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
B-4(3-5)	8/22/95	8260A	50623023	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
B-5(3-5)	8/22/95	8260A	50623025	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
GP68-13-2(3-5)	10/27/95	8260A	51030001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
GP68-17-2(3-5)	10/27/95	8260A	51030002	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
GP68-3(2-4)	10/27/95	8260A	51030003	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
GP68-15-2(3-5)	10/27/95	8260A	51030004	<100	360	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	700	420	380	310	800	590	<100	<100	<100	<100	<100	<100	<100	<100	810	570	510	<100	1400	300
BD68-1	12/13/95	8260A	51215018	13	180	83	<5.0	230*	<5.0	140	380*	1200*	87	250*	<5.0	160	23	72	<5.0	<5.0	49	480*	85	94	300*	270*	<5.0	390*	330*	380*	1700*	180	250	WM, WB, W1, W2, LH	
BD68-2	12/13/95	8260A	51215017	<5.0	190	110	<5.0	40	370*	12	24	110	<5.0	88	<5.0	340*	180	180	<5.0	91	220*	34	35	7	24	<5.0	<5.0	830*	600*	1300*	500*	140	480	WM, WB, W1, W2, LH	
BD68-3	12/13/95	8260A	51215018	98	230*	110	<5.0	<5.0	550*	<5.0	5.1	21	<5.0	18	<5.0	330*	120	180	<5.0	220*	150	38	250*	<5.0	<5.0	<5.0	<5.0	<5.0	310*	330*	830*	2100*	1300*	950	WM, WB, W1, W2, LH
RLD-SP1	12/1/95	8260A	51204010	<5.0	88	31	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	700*	120	33	<5.0	17	310*	<5.0	510*	<5.0	<5.0	<5.0	<5.0	<5.0	570*	530*	1400*	950*	13	WM, W1, W2	
RLD-SP2	12/1/95	8260A	51204011	<5.0	20	9.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	310*	24	9.9	<5.0	71	<5.0	120	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	400*	140	1500*	820*	12	WM, W1, W2	
6568-1**	1/10/98	8260A	60111031	22	<5.0	58	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	170	45	70	<5.0	490*	190	15	100B	<5.0	<5.0	<5.0	<5.0	37	1200*	400*	520*	180	208	WM, W1, W2	
6568-2**	1/10/98	8260A	60111032	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	8.8	<5.0	8.8	<5.0	48	5.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	43	14	41	<5.0	1.7	WM, W1, W2	
6568-3**	1/10/98	8260A	60111033	9.4	<5.0	34	50	8.7	<5.0	<5.0	<5.0	14	8.9	54	18	32	18	52	<5.0	63	42	57	35B	<5.0	8.7	24	<5.0	130	300	110	110	33	230	WM, W1, W2	
6568-4**	1/10/98	8260A	60111034	<5.0	<5.0	8.8	<5.0	18	<5.0	8.4	9.9	88	<5.0	18	<5.0	13	8.8	18	<5.0	150	<5.0	7	9B	<5.0	14	<5.0	<5.0	54	71	22	39	8.8	58	WM, W1, W2	
6568-5**	1/10/98	8260A	60111035	5.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	30	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	22	19B	<5.0	<5.0	<5.0	<5.0	<5.0	620*	5.7	<5.0	11	<5.0	31	WM, W1, W2	
6568-6**	1/10/98	8260A	60111038	350	<9.0	820*	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	12	<9.0	4800*	1000*	840	<9.0	6500*	4300*	650	4400*	<9.0	<9.0	28	<9.0	160	14000	7800*	11000	7400*	2400*	WM, W1, W2	

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

WM - GRO sample weight outside acceptable limits.

WB - Baseline rise at end of retention time window.

W2 - Peaks after retention time window.

W1 - Peaks before retention time window.

LH - QC indicates low recovery for this test. The two laboratory control spikes had recoveries of 86% & 35%. The acceptable range for this test is 70%-115%. Continuing calibration verification -97%.

(1) Analysis Performed by Midwest Analytical Services, Inc.

NA - Not Analyzed

B - Analyte detected in method blank.

\*\* - Soil origin unknown. Sample collected from a stockpile containing soil from both Buildings 68 and 64.

Y

**CHAIN OF CUSTODY RECORD  
 & SAMPLE ANALYSIS REQUEST**



PHONE# 291-3788

FAX#: (414) 291-3799

CLIENT: Triad Engineering SAMPLE COLLECTOR: JMR  
 P.O.#: \_\_\_\_\_ RELEASE OR REFERENCE: \_\_\_\_\_  
 JOB #: W943324.21 F/N \_\_\_\_\_ TEL #: 4142918840  
 PROJECT: Chrysler Corp - Kenosha  
 RESULTS TO THE ATTENTION OF: Ross Creighton NEED FAXED: YES:  NO:   
4142918841

DETECTION LIMITS (DL) \_\_\_\_\_  
 DL \_\_\_\_\_ DL \_\_\_\_\_ DL \_\_\_\_\_ DL \_\_\_\_\_ DL \_\_\_\_\_  
 ANALYSIS METHOD GRD Modified  
 ANALYSIS METHOD WISC Modified  
 ANALYSIS METHOD PRD + 15  
 ANALYSIS METHOD TRK Modified  
 ANALYSIS METHOD VOCs 8021  
 ANALYSIS METHOD PCBS  
 G-GLASS \_\_\_\_\_  
 P-PLASTIC \_\_\_\_\_  
 PAGE 1 OF 1  
 NORMAL \_\_\_\_\_  
 RUSH X

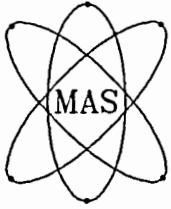
ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		ANALYSIS METHOD	DL	ANALYSIS METHOD	DL	ANALYSIS METHOD	DL	ANALYSIS METHOD	DL	ANALYSIS METHOD	DL	CONTAINERS		PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.	
				*ORIGIN	MATRIX											SIZE	TYPE			
1	B-2 (3-5')	B-2	6-22-95/1136	7	S	X	X	X								3	202 402	G	*	50623021
2	B-2 (1-3')	B-2	6-22-95/1134	7	S				X							1	402	G	-	022
3	B-4 (3-5')	B-4	6-22-95/1329	7	S	X	X	X								3	202 402	G	*	023
4	B-4 (1-3')	B-4	6-22-95/1324	7	S				X							1	402	G	-	024
5	B-5 (3-5')	B-5	6-22-95/1412	7	S	X	X	X								4	202 402	G	*	025
6	B-5 (1-3')	B-5	6-22-95/1408	7	S				X							1	402	G	-	026
7	B-1 (3-5')	B-1	6-22-95/1040	7	S	X	X	X								3	202 402	G	*	027
8	B-1 (2-3')	B-1	6-22-95/1036	7	S				X							1	402	G	-	028
9	B-3 (3-5')	B-3	6-22-95/1035	7	S	X	X	X	X							4	202 402	G	*	029
	Methanol Blank																			

RELINQUISHED BY: (SIGNATURE) [Signature] DATE/TIME 6-22-95/520 p  
 RECEIVED BY: (SIGNATURE) [Signature] DATE/TIME 6/23/95  
 RECEIVED FOR LAB BY: [Signature] DATE/TIME 6/23/95 3:30 p

\* 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: \* ~~GRD~~ GRD preserved w/ methanol. All samples on ice.





## Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

Phone: 1-800-801-4MAS (MI only)

: (313) 964-3680

Fax No: (313) 964-2339

Date : 28-Jun-95

Client : ROSS CREIGHTON  
: TRIAD ENGINEERING, INC.

Mas# : 50623021-029

PROJECT: : CHRYSLER CORP.- KENOSHA

Sample I.D. : B-2 3-5', B-2 1-3', B-4 3-5', B-4 1-3', B-5 3-5', B-5 1-3', B-1 3-5', B-1 2-3', B-3 3-5'

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.*

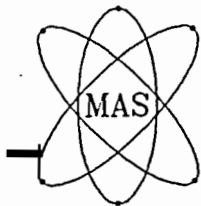
- 1. Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.*
- 2. N/D=Not detected, N/A=Not applicable*
- 3. Results relate only to the items tested.*
- 4. mg/l, mg/kg, mg/kg(dry weight) equal ppm(parts per million)  
μg/l, μg/kg, μg/kg(dry weight) 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,

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 3

## TEST REPORT

MAS #: 50623021

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

DATE COMPLETED: 28-Jun-95  
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-2 3-5' 06/22/95 1136  
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	DM	6/26/95

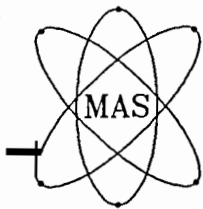
PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, EARLY  
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, FUEL ODOR  
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES  
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

### 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	2,400	10	NG	6/26/95

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

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 3

## TEST REPORT

MAS #: 50623021

(continued)

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-2 3-5' 06/22/95 1136  
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A

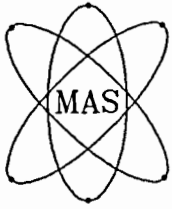
DATE ANALYZED: 06/26/95

LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
*BENZENE	4,700	50
BROMOBENZENE	N/D	50
BROMODICHLOROMETHANE .	N/D	50
n-BUTYLBENZENE	2,800	50
sec-BUTYLBENZENE	1,100	50
tert-BUTYLBENZENE .	N/D	50
CARBON TETRACHLORIDE	N/D	50
CHLOROBENZENE	N/D	50
CHLOROETHANE	N/D	50
CHLOROFORM	N/D	50
CHLOROMETHANE	N/D	50
CHLOROTOLUENE	N/D	50
CHLOROTOLUENE	N/D	50
1,2-DIBROMO-3-CHLOROPROPANE	N/D	50
1,2-DIBROMOETHANE	N/D	50
DIBROMOCHLOROMETHANE .	N/D	50
1,2-DICHLOROBENZENE	N/D	50
1,3-DICHLOROBENZENE	N/D	50
1,4-DICHLOROBENZENE	N/D	50
DICHLORODIFLUOROMETHANE	N/D	50
1,1-DICHLOROETHANE	N/D	50
1,2-DICHLOROETHANE	N/D	50
1,1-DICHLOROETHENE	N/D	50
cis-1,2-DICHLOROETHENE	N/D	50
trans-1,2-DICHLOROETHENE	N/D	50
1,2-DICHLOROPROPANE	N/D	50
1,3-DICHLOROPROPANE	N/D	50
2,2-DICHLOROPROPANE	N/D	50
*ETHYL BENZENE	3,900	50
HEXACHLOROBTADIENE	N/D	50
ISOPROPYLBENZENE	1,700	50
p-ISOPROPYLTOLUENE	1,500	50
METHYLENE CHLORIDE	N/D	50
METHYL TERT BUTYL ETHER	N/D	500
NAPHTHALENE	1,300	50
n-PROPYL BENZENE	2,700	50

\* 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.

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 3 OF 3

## TEST REPORT

MAS #: 50623021

(continued)

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-2 3-5' 06/22/95 1136  
PHYSICAL DESCRIPTION: SOLID

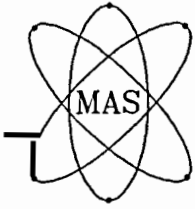
METHOD #: SW-846 8260A  
DATE ANALYZED: 06/26/95

LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
1,1,2,2-TETRACHLOROETHANE	N/D	50
TETRACHLOROETHENE	N/D	50
TOLUENE	2,100	50
1,2,3-TRICHLOROBENZENE	N/D	50
1,2,4-TRICHLOROBENZENE	N/D	50
1,1,1-TRICHLOROETHANE	N/D	50
1,1,2-TRICHLOROETHANE	N/D	50
TRICHLOROETHENE	N/D	50
TRICHLOROFLUOROMETHANE	N/D	50
*1,2,4-TRIMETHYLBENZENE	8,400	50
1,3,5-TRIMETHYLBENZENE	3,200	50
VINYL CHLORIDE	N/D	50
m & p-XYLENES	5,800	100
o-XYLENE	470	50

\* 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.

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 50623022

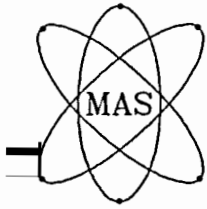
ROSS CREIGHTON  
TRIAD ENGINEERING, INC.  
325 EAST CHICAGO STREET  
MILWAUKEE, WI 53202

DATE COMPLETED: 28-Jun-95  
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-2 1-3' 06/22/95 1134  
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS DRY WEIGHT	DETECTION LIMIT	METHOD #	LAB. TECH.	DATE ANAL.
PCB:		µg/kg		EPA 8080A	NG	6/27/95
AROCLOR 1016	N/D		330			
AROCLOR 1221	N/D		330			
AROCLOR 1232	N/D		330			
AROCLOR 1242	N/D		330			
AROCLOR 1248	N/D		330			
AROCLOR 1254	N/D		330			
AROCLOR 1260	N/D		330			

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 3

## TEST REPORT

MAS #: 50623023

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

DATE COMPLETED: 28-Jun-95  
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-4 3-5' 06/22/95 1329  
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	DM	6/27/95

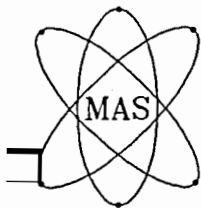
PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: NO  
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR  
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES

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	NG	6/27/95

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

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 3

## TEST REPORT

MAS #: 50623023

(continued)

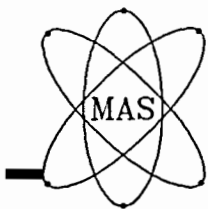
PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-4 3-5' 06/22/95 1329  
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A  
DATE ANALYZED: 06/26/95

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
CHLOROTOLUENE	N/D	5.0
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	5.0
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	N/D	5.0

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 3 OF 3

## TEST REPORT

MAS #: 50623023

(continued)

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-4 3-5' 06/22/95 1329  
PHYSICAL DESCRIPTION: SOLID

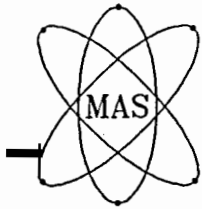
METHOD #: SW-846 8260A  
DATE ANALYZED: 06/26/95

LAB TECH: TT

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

Krystyna Czyzo  
Lab. Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 5 0 6 2 3 0 2 4

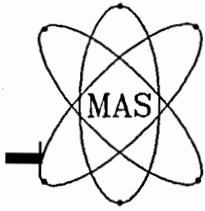
ROSS CREIGHTON  
TRIAD ENGINEERING, INC.  
325 EAST CHICAGO STREET  
MILWAUKEE, WI 53202

DATE COMPLETED: 28-Jun-95  
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-4 1-3' 06/22/95 1324  
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS DRY WEIGHT	DETECTION LIMIT	METHOD #	LAB. TECH.	DATE ANAL.
PCB:		µg/kg		EPA 8080A	NG	6/27/95
AROCLOR 1016	N/D		330			
AROCLOR 1221	N/D		330			
AROCLOR 1232	N/D		330			
AROCLOR 1242	N/D		330			
AROCLOR 1248	N/D		330			
AROCLOR 1254	N/D		330			
AROCLOR 1260	N/D		330			

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 3

## TEST REPORT

MAS #: 50623025

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

DATE COMPLETED: 28-Jun-95  
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-5 3-5' 06/22/95 1412  
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	DM	6/27/95

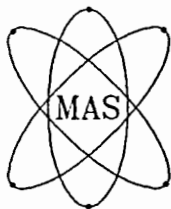
PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: NO  
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR  
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES

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	NG	6/25/95

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

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 3

## TEST REPORT

MAS #: 50623025

(continued)

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-5 3-5' 06/22/95 1412  
PHYSICAL DESCRIPTION: SOLID

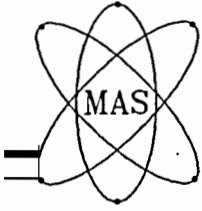
METHOD #: SW-846 8260A

DATE ANALYZED: 06/26/95

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
-CHLOROTOLUENE	N/D	5.0
+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-DICHLOROENZENE	N/D	5.0
1,3-DICHLOROENZENE	N/D	5.0
1,4-DICHLOROENZENE	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	5.0
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	N/D	5.0

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 3 OF 3

## TEST REPORT

MAS #: 50623025

(continued)

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-5 3-5' 06/22/95 1412  
PHYSICAL DESCRIPTION: SOLID

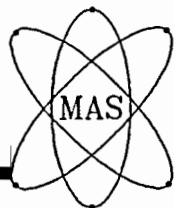
METHOD #: SW-846 8260A

DATE ANALYZED: 06/26/95

LAB TECH: TT

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
INYL CHLORIDE	N/D	5.0
m- & p-XYLENES	N/D	10
o-XYLENE	N/D	5.0

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 50623026

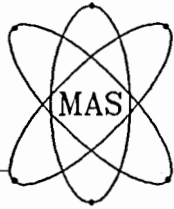
ROSS CREIGHTON  
TRIAD ENGINEERING, INC.  
325 EAST CHICAGO STREET  
MILWAUKEE, WI 53202

DATE COMPLETED: 28-Jun-95  
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-5 I-3' 06/22/95 1408  
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS DRY WEIGHT	DETECTION LIMIT	METHOD #	LAB. TECH.	DATE ANAL.
PCB:		µg/kg		EPA 8080A	NG	6/27/95
AROCLOR 1016	N/D		330			
AROCLOR 1221	N/D		330			
AROCLOR 1232	N/D		330			
AROCLOR 1242	N/D		330			
AROCLOR 1248	N/D		330			
AROCLOR 1254	N/D		330			
AROCLOR 1260	N/D		330			

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 3

## TEST REPORT

MAS #: 50623027

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

DATE COMPLETED: 28-Jun-95  
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-1 3-5' 06/22/95 1040  
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	12	10	DM	6/27/95

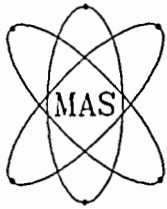
PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, EARLY  
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR  
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES  
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

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	220	10	NG	6/26/95

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

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 3

## TEST REPORT

MAS #: 50623027

(continued)

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-1 3-5' 06/22/95 1040  
PHYSICAL DESCRIPTION: SOLID

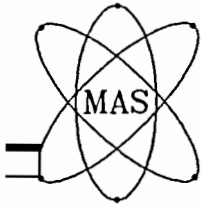
METHOD #: SW-846 8260A

DATE ANALYZED: 06/26/95

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	140	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
-CHLOROTOLUENE	N/D	5.0
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	100	5.0
HEXACHLOROBUTADIENE	N/D	5.0
ISOPROPYLBENZENE	62	5.0
p-ISOPROPYLTOLUENE	86	5.0
METHYLENE CHLORIDE	N/D	5.0
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	110	5.0

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 3 OF 3

## TEST REPORT

MAS #: 50623027

(continued)

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-1 3-5' 06/22/95 1040  
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A  
DATE ANALYZED: 06/26/95

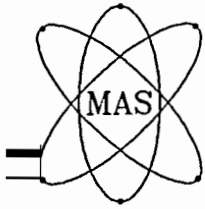
LAB TECH: TT

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	37	5.0
TRICHLOROETHENE	7.5	5.0
TRICHLOROFUOROMETHANE	N/D	5.0
*1,2,4-TRIMETHYLBENZENE	390	5.0
1,3,5-TRIMETHYLBENZENE	110	5.0
VINYL CHLORIDE	N/D	5.0
m- & p-XYLENES	120	10
o-XYLENE	31	5.0

\* 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.

Krystyna Czyzo  
Lab. Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 50623028

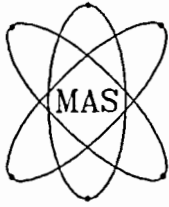
ROSS CREIGHTON  
TRIAD ENGINEERING, INC.  
325 EAST CHICAGO STREET  
MILWAUKEE, WI 53202

DATE COMPLETED: 28-Jun-95  
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-1 2-3' 06/22/95 1036  
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS DRY WEIGHT	DETECTION LIMIT	METHOD #	LAB. TECH.	DATE ANAL.
PCB:		µg/kg		EPA 8080A	NG	6/27/95
AROCLOR 1016	N/D		330			
AROCLOR 1221	N/D		330			
AROCLOR 1232	N/D		330			
AROCLOR 1242	N/D		330			
AROCLOR 1248	N/D		330			
AROCLOR 1254	N/D		330			
AROCLOR 1260	N/D		330			

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 3

## TEST REPORT

MAS #: 50623029

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

DATE COMPLETED: 28-Jun-95  
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-3 3-5' 06/22/95 1235  
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	DM	6/26/95

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

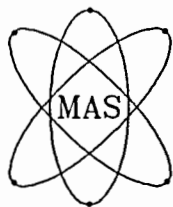
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT	LAB TECH	DATE ANAL.
GASOLINE RANGE ORGANICS	N/D	10	NG	6/27/95

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

PARAMETER	SAMPLE RESULT	UNITS DRY WEIGHT	DETECTION LIMIT	METHOD #	LAB. TECH.	DATE ANAL.
PCB:		µg/kg		EPA 8080A	NG	6/27/95
AROCLOR 1016	N/D		330			
AROCLOR 1221	N/D		330			
AROCLOR 1232	N/D		330			
AROCLOR 1242	N/D		330			
AROCLOR 1248	N/D		330			
AROCLOR 1254	N/D		330			
AROCLOR 1260	N/D		330			

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 3

## TEST REPORT

MAS #: 50623029

(continued)

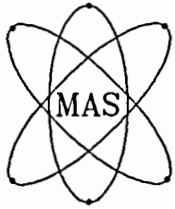
PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-3 3-5' 06/22/95 1235  
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A  
DATE ANALYZED: 06/26/95

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
CHLOROENZENE	N/D	5.0
CHLOROETHANE	N/D	5.0
CHLOROFORM	N/D	5.0
CHLOROMETHANE	N/D	5.0
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	5.0
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	N/D	5.0

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 3 OF 3

## TEST REPORT

MAS #: 50623029

(continued)

PROJECT: CHRYSLER CORP.- KENOSHA  
SAMPLE IDENTIFICATION: B-3 3-5' 06/22/95 1235  
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A

DATE ANALYZED: 06/26/95

LAB TECH: TT

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

Krystyna Czyzo  
Lab. Quality Manager

**CHAIN OF CUSTODY RECORD  
 & SAMPLE ANALYSIS REQUEST**



CLIENT: TRIAD ENGINEERING INC SAMPLE COLLECTOR: KURT R. WALDHUETTER DETECTION LIMITS (DL) PAGE 2 OF 2

P.O.#.: \_\_\_\_\_ RELEASE OR REFERENCE \_\_\_\_\_ NORMAL  RUSH \_\_\_\_\_

JOB #: W943324.26 F I N TEL #: 414-291-8840

PROJECT: CHRYSLER FUTURE BUILDING 68 - INVESTIGATION

RESULTS TO THE ATTENTION OF: RICK RINDER NEED FAXED: YES:  NO:

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		ANALYSIS METHOD					CONTAINERS		PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.	
				*ORIGIN	MATRIX	DL	DL	DL	DL	DL	DL	SIZE			TYPE
1	GP68-13-2	3-5'	10/27/95 1018	7.	SOIL	X	X	X			3	202	G	GRO	51030001
2	GP68-17-2	3-5'	10/27/95 1246	7.	SOIL	X	X	X			3			w/	002
3	GP68-3	2-4'	10/27/95 1420	7.	SOIL	X	X	X			3			MeOH	003
4	GP68-15-2	3-5'	10/27/95 1205	7.	SOIL	X	X	X			3	↓	↓		004
5	METHANOL TRIP BLANK				WATER			X		CLERK (L)	1	40ml	↓		005

RELINQUISHED BY: (SIGNATURE) Kurt R. Waldhuetter DATE/TIME 10/27/95 1340

RECEIVED BY: (SIGNATURE) [Signature] DATE/TIME 10/27/95 1341

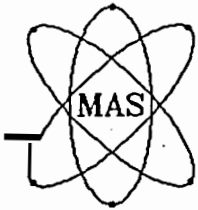
RECEIVED FOR LAB BY: [Signature] DATE/TIME 10/30/95 9:00 AM

\* 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 7°C on ice  
 SEALED  NOT SEALED   
 RECEIVED BY: \_\_\_\_\_  
 MAIL  DROP OFF

FIELD CHARGES:  
 FIELD HOURS \_\_\_\_\_  
 SET UP \_\_\_\_\_  
 ISCO CHARGE \_\_\_\_\_  
 PICK UP: \_\_\_\_\_ OF \_\_\_\_\_  
 C  NC

COMMENTS: ITEM # 4 IS HOT.



## Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

Date : 08-Nov-95  
Client : RICK J. BINDER  
: TRIAD ENGINEERING, INC.  
Mas# : 51030001-005  
PROJECT: : CHRYSLER FUTURE BUILDING 68- INVESTIGATION  
Sample I.D. : GP68-13-2 3-5', GP68-17-2 3-5', GP68-3 2-4', GP68-15-2 3-5', METHANOL TRIP BLANK

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.*

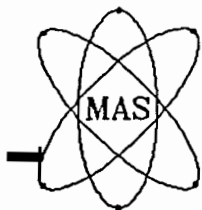
- 1. Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.*
- 2. N/D=Not detected, N/A=Not applicable*
- 3. Results relate only to the items tested.*
- 4. mg/l, mg/kg, mg/kg(dry weight) equal ppm(parts per million)  
μg/l, μg/kg, μg/kg(dry weight) 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,

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 51030001

RICK J. BINDER  
TRIAD ENGINEERING, INC.  
325 EAST CHICAGO STREET  
MILWAUKEE, WI 53202

DATE COMPLETED: 08-Nov-95

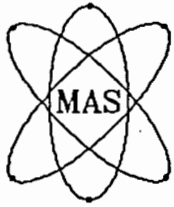
JOB #: W943324.26

PROJECT: CHRYSLER FUTURE BUILDING 68- INVESTIGATION  
SAMPLE IDENTIFICATION: GP68-13-2 3-5' 10/27/95 1018  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	11/01/95	
	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				
	CHLOROETHANE	N/D		5.0				
	CHLOROETHANE	N/D		5.0				
	CHLOROETHANE	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-DICHLOROETHANE	N/D		5.0				
	1,3-DICHLOROETHANE	N/D		5.0				
	1,4-DICHLOROETHANE	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		5.0				
	NAPHTHALENE	N/D		5.0				
	n-PROPYL BENZENE	N/D		5.0				

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 5103001

(continued)

PROJECT: CHRYSLER FUTURE BUILDING 68- INVESTIGATION  
SAMPLE IDENTIFICATION: GP68-13-2 3-5' 10/27/95 1018  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	11/01/95	
	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				
	TRICHLOROFUOROMETHANE	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				

FILE: WDNRA\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	MK	11/02/95	

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? N/A

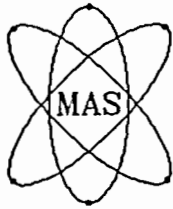
FILE: WDNRA\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	10/31/95	

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

Krystyna Czyzo  
Lab. Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 51030002

RICK J. BINDER  
TRIAD ENGINEERING, INC.  
325 EAST CHICAGO STREET  
MILWAUKEE, WI 53202

DATE COMPLETED: 08-Nov-95

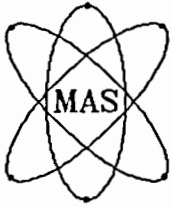
JOB #: W943324.26

PROJECT: CHRYSLER FUTURE BUILDING 68- INVESTIGATION  
SAMPLE IDENTIFICATION: GP68-17-2 3-5' 10/27/95 1246  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	11/01/95	
	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		5.0				
	NAPHTHALENE	N/D		5.0				
	n-PROPYL BENZENE	N/D		5.0				

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 51030002

(continued)

PROJECT: CHRYSLER FUTURE BUILDING 68- INVESTIGATION  
SAMPLE IDENTIFICATION: GP68-17-2 3-5' 10/27/95 1246  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	11/01/95	
	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				

FILE: WDNR\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	22	mg/kg DRY WEIGHT	10	----	MK	11/02/95	

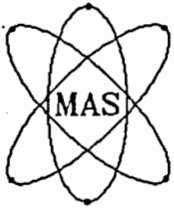
PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: NO  
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR  
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES  
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

FILE: WDNR\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	10/31/95	

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

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 5103003

RICK J. BINDER  
TRIAD ENGINEERING, INC.  
325 EAST CHICAGO STREET  
MILWAUKEE, WI 53202

DATE COMPLETED: 08-Nov-95

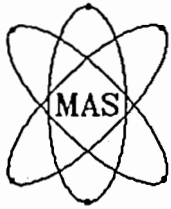
JOB #: W943324.26

PROJECT: CHRYSLER FUTURE BUILDING 68- INVESTIGATION  
SAMPLE IDENTIFICATION: GP68-3 2-4' 10/27/95 1420  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	11/02/95	
	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		5.0				
	NAPHTHALENE	N/D		5.0				
	n-PROPYL BENZENE	N/D		5.0				

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 5103003

(continued)

PROJECT: CHRYSLER FUTURE BUILDING 68- INVESTIGATION  
SAMPLE IDENTIFICATION: GP68-3 2-4' 10/27/95 1420  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	11/02/95	
	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				

FILE: WDNRA\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	MK	11/02/95	

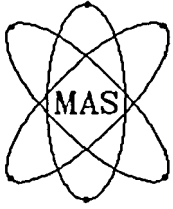
PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: NO  
SAMPLE OBSERVATION (VISUAL AND OLFATORY): SOIL, NO ODOR  
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES  
DOES THE DRO PATTERN LOOK LIKE DIESEL? N/A

FILE: WDNRA\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	10/31/95	

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

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 51030004

RICK J. BINDER  
TRIAD ENGINEERING, INC.  
325 EAST CHICAGO STREET  
MILWAUKEE, WI 53202

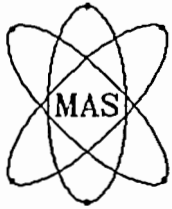
DATE COMPLETED: 08-Nov-95  
JOB #: W943324.26

PROJECT: CHRYSLER FUTURE BUILDING 68- INVESTIGATION  
SAMPLE IDENTIFICATION: GP68-15-2 3-5' 10/27/95 1205  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	11/02/95	
	BENZENE	N/D		100				
	BROMOBENZENE	N/D		100				
	BROMODICHLOROMETHANE	N/D		100				
	n-BUTYLBENZENE	360		100				
	sec-BUTYLBENZENE	N/D		100				
	tert-BUTYLBENZENE	N/D		100				
	CARBON TETRACHLORIDE	N/D		100				
	CHLOROBENZENE	N/D		100				
	CHLOROETHANE	N/D		100				
	CHLOROFORM	N/D		100				
	CHLOROMETHANE	N/D		100				
	2-CHLOROTOLUENE	N/D		100				
	4-CHLOROTOLUENE	N/D		100				
	1,2-DIBROMO-3- CHLOROPROPANE	N/D		100				
	1,2-DIBROMOETHANE	N/D		100				
	DIBROMOCHLOROMETHANE	N/D		100				
	1,2-DICHLOROBENZENE	N/D		100				
	1,3-DICHLOROBENZENE	N/D		100				
	1,4-DICHLOROBENZENE	N/D		100				
	DICHLORODIFLUOROMETHANE	N/D		100				
	1,1-DICHLOROETHANE	N/D		100				
	1,2-DICHLOROETHANE	N/D		100				
	1,1-DICHLOROETHENE	N/D		100				
	cis-1,2-DICHLOROETHENE	N/D		100				
	trans-1,2-DICHLOROETHENE	N/D		100				
	1,2-DICHLOROPROPANE	N/D		100				
	1,3-DICHLOROPROPANE	N/D		100				
	2,2-DICHLOROPROPANE	N/D		100				
	ETHYL BENZENE	700		100				
	HEXACHLOROBUTADIENE	N/D		100				
	ISOPROPYLBENZENE	420		100				
	p-ISOPROPYLTOLUENE	380		100				
	METHYLENE CHLORIDE	310		100				
	METHYL TERT BUTYL ETHER	N/D		1000				
	NAPHTHALENE	800		100				
	n-PROPYL BENZENE	590		100				

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 51030004

(continued)

PROJECT: CHRYSLER FUTURE BUILDING 68- INVESTIGATION  
SAMPLE IDENTIFICATION: GP68-15-2 3-5' 10/27/95 1205  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	11/02/95	
	1,1,2,2-TETRACHLOROETHANE	N/D		100				
	TETRACHLOROETHENE	N/D		100				
	TOLUENE	N/D		100				
	1,2,3-TRICHLOROBENZENE	N/D		100				
	1,2,4-TRICHLOROBENZENE	N/D		100				
	1,1,1-TRICHLOROETHANE	N/D		100				
	1,1,2-TRICHLOROETHANE	N/D		100				
	TRICHLOROETHENE	N/D		100				
	TRICHLOROFLUOROMETHANE	N/D		100				
	1,2,4-TRIMETHYLBENZENE	810		100				
	1,3,5-TRIMETHYLBENZENE	570		100				
	VINYL CHLORIDE	N/D		100				
	m & p-XYLENES	510		200				
	o-XYLENE	N/D		100				

FILE: WDNRADROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	300	mg/kg DRY WEIGHT	10	----	MK	11/02/95	J

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, EARLY  
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

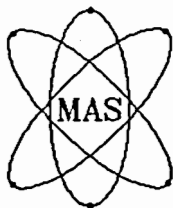
FILE: WDNRAGROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	1,400	mg/kg DRY WEIGHT	10	----	NG	10/31/95	J

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

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

*"Where industry comes for answers"*

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB

## TEST REPORT

MAS #: 5103005

RICK J. BINDER  
TRIAD ENGINEERING, INC.  
325 EAST CHICAGO STREET  
MILWAUKEE, WI 53202

DATE COMPLETED: 08-Nov-95

JOB #: W943324.26

PROJECT: CHRYSLER FUTURE BUILDING 68- INVESTIGATION  
SAMPLE IDENTIFICATION: METHANOL TRIP BLANK 10/27/95  
PHYSICAL DESCRIPTION: LIQUID

FILE: WDNAGROS

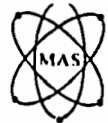
METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/kg DRY WEIGHT	10	----	NG	10/31/95	

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

Krystyna Czyzo  
Lab. Quality Manager

MIDWEST ANALYTICAL SERVICES, INC.  
 5101 W. BELMONT RD.  
 MILWAUKEE, WI. 53214

**CHAIN OF CUSTODY RECORD  
 & SAMPLE ANALYSIS REQUEST**



PHONE#: 643-3500  
 FAX#: (414) 643-3502

CLIENT: *325 Chicago St Milwaukee, WI 53202*  
 SAMPLE COLLECTOR: *Alison Kolb*  
 P.O.#: *U943046-28*  
 RELEASE OR REFERENCE: \_\_\_\_\_  
 JOB #: \_\_\_\_\_ F/N TEL#: *(414) 291-9840*  
 PROJECT: *CIR456ER Fire*  
 RESULTS TO THE ATTENTION OF: *Ross Carleton*  
 NEED FAXED: YES  NO

DETECTION LIMITS (DL)  
 DL DL DL DL DL DL  
 ANALYSIS METHOD *VEC*  
 ANALYSIS METHOD *EXC*  
 ANALYSIS METHOD *GRD*  
 ANALYSIS METHOD *WWR*  
 ANALYSIS METHOD *PRO*  
 ANALYSIS METHOD *WWR*  
 ANALYSIS METHOD *PRO*  
 ANALYSIS METHOD *PRO*  
 ANALYSIS METHOD *PRO*  
 G-GLASS  
 P-PLASTIC

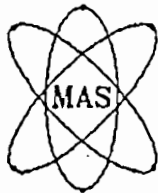
ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		DETECTION LIMITS (DL)						CONTAINERS		PRESERVATIVE	LAB USE ONLY MAS# & PHYS. DESC.
				*ORIGIN	MATRIX	DL	DL	DL	DL	DL	DL	DL	DL		
<del>1</del>	<del>Soil Firemain Pile</del>			<del>Soil</del>	<del>Soil</del>										
1	CRFM-1		12-13-95	Soil	Soil	X	X	X						4	
2	CRFM-2		12-13-95 12:00	Soil	Soil	X	X	X						4	
3	CRFM-3		12-13-95	Soil	Soil	X	X	X						4	
4	CRFM-1PB		12-13-95	Soil	Soil				X					3	
5	Bd68-1		12-13-95	Soil	Soil	X	X	X						4	
6	Bd68-2		12-13-95	Soil	Soil	X	X	X						4	
7	Bd68-3		12-13-95	Soil	Soil	X	X	X						4	

RELINQUISHED BY: *Alison Kolb* 12-13-95 17:45  
 (SIGNATURE) DATE/TIME  
 RECEIVED BY: *[Signature]*  
 (SIGNATURE) DATE/TIME: 12/17 12:10  
 RECEIVED FOR LAB BY: \_\_\_\_\_

\* 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 \_\_\_\_\_  
 SEALED  NOT SEALED   
 RECEIVED BY:  
 MAIL  DROP OFF   
 FIELD CHARGES:  
 FIELD HOURS \_\_\_\_\_  
 SET UP \_\_\_\_\_  
 ISCO CHARGE \_\_\_\_\_  
 PICK UP: \_\_\_\_\_ OF \_\_\_\_\_  
 C  NC

COMMENTS: \_\_\_\_\_





# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 51215016

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

DATE COMPLETED: 04-Jan-96  
P.O. #: W943046.28

PROJECT: CHRYSLER FIRE MAIN  
SAMPLE IDENTIFICATION: BD68-1 12/13/95  
PHYSICAL DESCRIPTION: SOLID

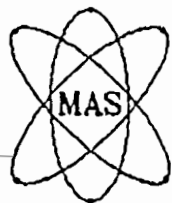
FILE: WCHR/VOC5

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT			EH	12/23/95	
	BENZENE	13		5.0				
	BROMOBENZENE	N/D		5.0				
	BROMODICHLOROMETHANE	N/D		5.0				
	n-BUTYLBENZENE	160		5.0				
	sec-BUTYLBENZENE	63		5.0				
	tert-BUTYLBENZENE	N/D		5.0				
	CARBON TETRACHLORIDE	N/D		5.0				
	CHLORO BENZENE	230		5.0				J
	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-DICHLORO BENZENE	140		5.0				
	1,3-DICHLORO BENZENE	380		5.0				J
	1,4-DICHLORO BENZENE	1,200		5.0				J
	DICHLORODIFLUOROMETHANE	N/D		5.0				
	1,1-DICHLOROETHANE	67		5.0				
	1,2-DICHLOROETHANE	N/D		5.0				
	1,1-DICHLOROETHENE	N/D		5.0				
	cis-1,2-DICHLOROETHENE	250		5.0				J
	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				
	DIOSOPROPYL ETHER	N/D		50				
	ETHYL BENZENE	160		5.0				
	HEXACHLOROBUTADIENE	N/D		5.0				
	ISOPROPYLBENZENE	23		5.0				
	p-ISOPROPYLTOLUENE	72		5.0				
	METHYLENE CHLORIDE	N/D		20				
	METHYL TERT BUTYL ETHER	N/D		50				
	NAPHTHALENE	N/D		5.0				
	n-PROPYL BENZENE	49		5.0				

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

Phone: 1-800-301-4MAS (MI only)  
: (313) 964-3680  
Fax No: (313) 964-2339

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 51215016

(continued)

PROJECT: CHRYSLER FIRE MAIN  
SAMPLE IDENTIFICATION: BD68-1 12/13/95  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	12/23/95	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	480		5.0				J
	TOLUENE	85		5.0				
	1,2,3-TRICHLOROBENZENE	94		5.0				
	1,2,4-TRICHLOROBENZENE	300		5.0				J
	1,1,1-TRICHLOROETHANE	270		5.0				J
	1,1,2-TRICHLOROETHANE	N/D		5.0				
	TRICHLOROETHENE	390		5.0				J
	TRICHLOROFUOROMETHANE	N/D		5.0				
	1,2,4-TRIMETHYLBENZENE	330		5.0				J
	1,3,5-TRIMETHYLBENZENE	380		5.0				J
	VINYL CHLORIDE	N/D		5.0				
	m & p-XYLENES	1,700		10				J
	o-XYLENE	160		5.0				

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation

FILE: W0NR\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	250	mg/kg DRY WEIGHT	10	----	MK	12/22/95	W4, W5, W2, J

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

- W4 GRO sample weights outside of acceptable parameters.
- W5 Baseline rise at end of retention time window.
- W2 Peaks after retention time window
- J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation

FILE: W0NR\DRCS

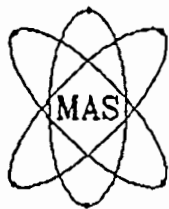
METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	1,600	mg/kg DRY WEIGHT	50	----	MK	12/22/95	W1, W2, LH

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

- DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.
- LH QC indicate low recovery for this test. The two laboratory control spikes had recoveries of 69% & 35%. The acceptable range for this test is 70-115%. Continuing calibration verification recovery - 97%.

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

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

IN: DLB  
 PAGE 1 OF 2

## TEST REPORT

MAS #: 51215017

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

DATE COMPLETED: 04-Jan-96  
 P.O. #: W943046.28

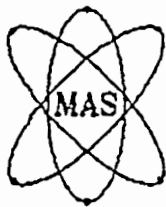
PROJECT: CHRYSLER FIRE MAIN  
 SAMPLE IDENTIFICATION: BD68-2 12/13/95  
 PHYSICAL DESCRIPTION: SOLID

FILE:WENR/VOC5

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	12/23/95	
	BENZENE	N/D		5.0				
	BROMOBENZENE	N/D		5.0				
	BROMODICHLOROMETHANE	N/D		5.0				
	n-BUTYLBENZENE	190		5.0				
	sec-BUTYLBENZENE	110		5.0				
	tert-BUTYLBENZENE	N/D		5.0				
	CARBON TETRACHLORIDE	N/D		5.0				
	CHLOROETHANE	40		5.0				
	CHLOROETHANE	N/D		5.0				
	CHLOROFORM	N/D		5.0				
	CHLOROMETHANE	370		5.0				J
	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-DICHLOROETHANE	12		5.0				
	1,3-DICHLOROETHANE	24		5.0				
	1,4-DICHLOROETHANE	110		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	86		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				
	DIISOPROPYL ETHER	N/D		5.0				
	ETHYL BENZENE	340		5.0				J
	HEXACHLOROBUTADIENE	N/D		5.0				
	ISOPROPYLBENZENE	180		5.0				
	p-ISOPROPYLTOLUENE	180		5.0				
	METHYLENE CHLORIDE	N/D		5.0				
	METHYL TERT BUTYL ETHER	N/D		5.0				
	NAPHTHALENE	91		5.0				
	n-PROPYL BENZENE	220		5.0				J

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

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

IN: DLB  
 PAGE 2 OF 2

## TEST REPORT

MAS #: 51215017

(continued)

PROJECT: CHRYSLER FIRE MAIN  
 SAMPLE IDENTIFICATION: BD68-2 12/13/95  
 PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
8W-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	12/23/95	
	1,1,2,2-TETRACHLOROETHANE	ND		5.0				
	TETRACHLOROETHENE	34		5.0				
	TOLUENE	35		5.0				
	1,2,3-TRICHLOROBENZENE	7.0		5.0				
	1,2,4-TRICHLOROBENZENE	24		5.0				
	1,1,1-TRICHLOROETHANE	ND		5.0				
	1,1,2-TRICHLOROETHANE	ND		5.0				
	TRICHLOROETHENE	630		5.0				J
	TRICHLOROFLUOROMETHANE	ND		5.0				
	1,2,4-TRIMETHYLBENZENE	600		5.0				J
	1,3,5-TRIMETHYLBENZENE	1,300		5.0				J
	VINYL CHLORIDE	ND		5.0				
	m & p-XYLENES	300		10				J
	o-XYLENE	140		5.0				

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation

FILE: WDNRA\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	460	mg/kg DRY WEIGHT	10	----	MK	12/22/95	W4, WB, W2, J

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

- W4 GRO sample weights outside of acceptable parameters.
- WB Baseline rise at end of retention time window.
- W2 Peaks after retention time window
- J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation

FILE: WDNRA\DROS

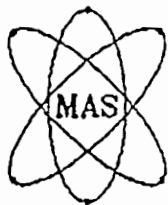
METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	980	mg/kg DRY WEIGHT	50	----	MK	12/22/95	W1, W2, LH

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

- DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.
- LH QC indicate low recovery for this test. The two laboratory control spikes had recoveries of 69% & 35%. The acceptable range for this test is 70- 115%. Continuing calibration verification recovery - 97%.

*Krystyna Czyzo*

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 51215018

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

DATE COMPLETED: 04-Jan-96  
P.O. #: W943046.28

PROJECT: CHRYSLER FIRE MAIN  
SAMPLE IDENTIFICATION: BD63-3 12/13/95  
PHYSICAL DESCRIPTION: SOLID

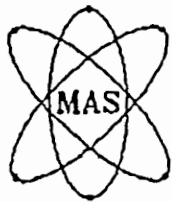
FILE: WCMR/VCCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
5W-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	12/23/95	
	BENZENE	98		5.0				
	BROMOBENZENE	N/D		5.0				
	BROMODICHLOROMETHANE	N/D		5.0				
	n-BUTYL BENZENE	230		5.0				J
	sec-BUTYL BENZENE	110		5.0				
	tert-BUTYL BENZENE	N/D		5.0				
	CARBON TETRACHLORIDE	N/D		5.0				
	CHLORO BENZENE	N/D		5.0				
	CHLOROETHANE	N/D		5.0				
	CHLOROFORM	N/D		5.0				
	CHLOROMETHANE	550		5.0				J
	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-DICHLORO BENZENE	N/D		5.0				
	1,3-DICHLORO BENZENE	5.1		5.0				
	1,4-DICHLORO BENZENE	21		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	18		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				
	DIISOPROPYL ETHER	N/D		5.0				
	ETHYL BENZENE	330		5.0				J
	HEXACHLOROBUTADIENE	N/D		5.0				
	ISOPROPYL BENZENE	120		5.0				
	p-ISOPROPYL TOLUENE	180		5.0				
	METHYLENE CHLORIDE	N/D		5.0				
	METHYL TERT BUTYL ETHER	N/D		5.0				
	NAPHTHALENE	220		5.0				J
	n-PROPYL BENZENE	150		5.0				

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

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

IN: DLB  
 PAGE 2 OF 2

## TEST REPORT

MAS #: 51215018

(continued)

PROJECT: CHRYSLER FIRE MAIN  
 SAMPLE IDENTIFICATION: BD68-J 12/13/95  
 PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
8W-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	12/23/95	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	38		5.0				
	TOLUENE	250		5.0				J
	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	310		5.0				J
	TRICHLOROFLUOROMETHANE	N/D		5.0				
	1,2,4-TRIMETHYLBENZENE	330		5.0				J
	1,3,5-TRIMETHYLBENZENE	830		5.0				J
	VINYL CHLORIDE	N/D		5.0				
	m & p-XYLENES	2,100		10				J
	o-XYLENE	1,300		5.0				J

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

FILE: WDNR\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	950	mg/kg DRY WEIGHT	10	---	MK	12/22/95	W4, WB, W2, J

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

- W4 GRO sample weights outside of acceptable parameters.
- WB Baseline rise at end of retention time window.
- W2 Peaks after retention time window
- J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation

FILE: WDNR\DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	760	mg/kg DRY WEIGHT	50	---	MK	12/22/95	W1, W2, LH

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, GAS ODOR

- DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.
- LH QC indicate low recovery for this test. The two laboratory control spikes had recoveries of 69% & 35%. The acceptable range for this test is 70-115%. Continuing calibration verification recovery - 97%.

*Krystyna Czyzo*

Krystyna Czyzo  
 Lab. Quality Manager

MIDWEST ANALYTICAL SERVICES, INC.  
 5101 W. BELMONT RD.  
 MILWAUKEE, WI. 53214

TOLOGY

**CHAIN OF CUSTODY RECORD  
 & SAMPLE ANALYSIS REQUEST**



PHONE#: (414) 643-3500

FAX#: (414) 643-3502

CLIENT: <i>1/11/12</i>	SAMPLE COLLECTOR: <i>GSM</i>	DETECTION LIMITS (DL)		PAGE <u>1</u> OF <u>1</u>
P.O.#:	RELEASE OR REFERENCE	DL DL DL DL DL		NORMAL <input checked="" type="checkbox"/>
JOB #: <i>10743324</i>	F/N	TEL #: <i>(414) 291-8840</i>	RUSH _____	
PROJECT: <i>CHRYSLER</i>	NEED FAXED: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		G-GLASS _____ P-PLASTIC _____	
RESULTS TO THE ATTENTION OF: <i>ROSS CREIGHTON</i>				

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		ANALYSIS METHOD	DL	ANALYSIS METHOD	DL	ANALYSIS METHOD	DL	ANALYSIS METHOD	DL	CONTAINERS		PRESERVATIVE	LAB USE ONLY MAS #. & PHYS. DESC.
				*ORIGIN	MATRIX									SIZE	TYPE		
	<i>RLD-511</i>		<i>12-1-95 (955)</i>	<i>7</i>	<i>SOIL</i>			<i>X</i>		<i>X</i>							
	<i>RLD-512</i>		<i>12-1-95 (1000)</i>	<i>7</i>	<i>SOIL</i>			<i>X</i>		<i>X</i>							
	<i>WPCOH BLACK</i>		<i>12-1-95 (1155)</i>	<i>7</i>				<i>X</i>									

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME	* SAMPLE ORIGIN
<i>[Signature]</i>	<i>12/1/95 12:15</i>	<i>[Signature]</i>	<i>12/1/95 12:45</i>	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
		RECEIVED FOR LAB BY:		9. RESEARCH 10. AIR 11. OTHER: _____
LAB USE ONLY: STATUS OF THE SAMPLE RECEIVED: TRANSPORT TEMPERATURE _____ SEALED <input type="checkbox"/> NOT SEALED <input type="checkbox"/>				FIELD CHARGES: FIELD HOURS <input type="checkbox"/> SETUP <input type="checkbox"/> ISCO CHARGE <input type="checkbox"/> PICK UP: _____ OF _____ C <input type="checkbox"/> NC <input type="checkbox"/>
RECEIVED BY: MAIL <input type="checkbox"/> DROP OFF <input type="checkbox"/>				

COMMENTS \_\_\_\_\_

**CHAIN OF CUSTODY RECORD  
 & SAMPLE ANALYSIS REQUEST**



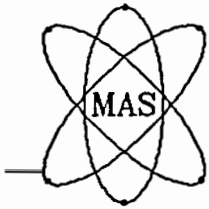
CLIENT: <u>TRIAD Engineering</u>	SAMPLE COLLECTOR: <u>GJM</u>	DETECTION LIMITS (DL)		PAGE <u>1</u> OF <u>1</u>
P.O.#:	RELEASE OR REFERENCE			NORMAL <input checked="" type="checkbox"/>
JOB #: <u>W943324.16</u>	F/N	TEL#: <u>(414) 291-8840</u>	RUSH _____	
PROJECT: <u>CHRYSLER</u>	NEED FAXED: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		G-GLASS P-PLASTIC <u>BROWN (4)</u>	
RESULTS TO THE ATTENTION OF: <u>ROSS CREIGHTON</u>				

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		ANALYSIS METHOD					CONTAINERS		PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.		
				*ORIGIN	MATRIX	VOC	SVOC	Metals	Metals	Metals	Metals	Metals			SIZE	TYPE
	<u>RLD-SP1</u>		<u>12-1-95(955)</u>	<u>7</u>	<u>SOIL</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<u>3</u>	<u>2.202</u> <u>1.402</u>	<u>C</u>	<u>MEDH</u>	<u>51204010</u>
	<u>RLD-SP2</u>		<u>12-1-95(1000)</u>	<u>7</u>	<u>SOIL</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<u>3</u>	<u>2.202</u> <u>1.402</u>	<u>G</u>	<u>MEDH</u>	<u>011</u>
	<u>MeOH BLANK</u>		<u>12-1-95(1155)</u>	<u>7</u>			<input checked="" type="checkbox"/>					<u>1</u>	<u>1.202</u>	<u>C</u>	<u>MEDH</u>	<u>012</u>

RELINQUISHED BY: (SIGNATURE) <u>[Signature]</u>	DATE/TIME <u>12/1/95 12:15</u>	RECEIVED BY: (SIGNATURE) <u>[Signature]</u>	DATE/TIME <u>12/1/95 12:45</u>	* 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: _____
RECEIVED FOR LAB BY: <u>[Signature]</u>	<u>12/4/95</u> <u>9:00 AM</u>	LAB USE ONLY: STATUS OF THE SAMPLE RECEIVED: TRANSPORT TEMPERATURE <u>Cold</u> SEALED <input checked="" type="checkbox"/> NOT SEALED <input type="checkbox"/>		FIELD CHARGES: FIELD HOURS <input type="checkbox"/> SET UP <input type="checkbox"/> ISCO CHARGE <input type="checkbox"/> PICK UP: _____ OF _____ C <input type="checkbox"/> NC <input checked="" type="checkbox"/>		

COMMENTS: \_\_\_\_\_





## Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

Date : 13-Dec-95  
Client : ROSS CREIGHTON  
TRIAD ENGINEERING, INC.  
Mas# : 51204010-012  
PROJECT: : CHRYSLER  
Sample I.D. : RLD-SP1, RLD-SP2, MEOH BLANK

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.

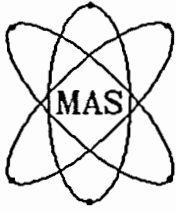
1. Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.
2. N/D=Not detected above Estimated Quantitative Limit, N/A=Not applicable
3. Results relate only to the items tested.
4. mg/l, mg/kg, mg/kg(dry weight) equal ppm(parts per million)  
 $\mu\text{g/l}$ ,  $\mu\text{g/kg}$ ,  $\mu\text{g/kg}$ (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,

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 51204010

PAGE 1 OF 2

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

DATE COMPLETED: 13-Dec-95

JOB #: W943324.16

PROJECT: CHRYSLER

SAMPLE IDENTIFICATION: RLD-SP1 12/01/95 0955

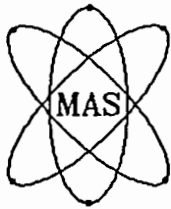
PHYSICAL DESCRIPTION: SOLID

FILE: WDNR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	12/07/95	
	BENZENE	N/D		5.0				
	BROMOBENZENE	N/D		5.0				
	BROMODICHLOROMETHANE	N/D		5.0				
	n-BUTYLBENZENE	68		5.0				
	sec-BUTYLBENZENE	31		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-DICHLOROETHANE	N/D		5.0				
	1,3-DICHLOROETHANE	N/D		5.0				
	1,4-DICHLOROETHANE	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				
	DIISOPROPYL ETHER	N/D		5.0				
	ETHYL BENZENE	700		5.0				J
	HEXACHLOROBUTADIENE	N/D		5.0				
	ISOPROPYLBENZENE	120		5.0				
	p-ISOPROPYLTOLUENE	33		5.0				
	METHYLENE CHLORIDE	N/D		5.0				
	METHYL TERT BUTYL ETHER	N/D		5.0				
	NAPHTHALENE	17		5.0				
	n-PROPYL BENZENE	310		5.0				J

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

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

IN: NWB  
 PAGE 2 OF 2

## TEST REPORT

MAS #: 51204010

(CONTINUED)

PROJECT: CHRYSLER  
 SAMPLE IDENTIFICATION: RLD-SP1 12/01/95 0955  
 PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	12/07/95	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	N/D		5.0				
	TOLUENE	510		5.0				J
	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				
	TRICHLOROFUOROMETHANE	N/D		5.0				
	1,2,4-TRIMETHYLBENZENE	570		5.0				J
	1,3,5-TRIMETHYLBENZENE	530		5.0				J
	VINYL CHLORIDE	N/D		5.0				
	m & p-XYLENES	1400		10				J
	o-XYLENE	950		5.0				J

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

FILE: WDNRVGROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	13	mg/kg DRY WT.	10	----	NG	12/08/95	W4, W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR

- W4 GRO sample weights outside of acceptable parameters.
- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

FILE: WDNRVROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	170	mg/kg DRY WT.	10	----	EH	12/06/95	W4, W1, W2

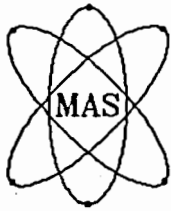
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR  
 DOES THE DRO PATTERN LOOK LIKE DIESEL? NO

- W1 Peaks before retention time window.

\*EXTENDED TIME WINDOW +5 MINUTES

*Krystyna Czyzo*

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 51204011

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

DATE COMPLETED: 13-Dec-95

JOB #: W943324.16

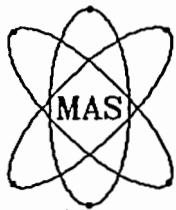
PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: RLD-SP2 12/01/95 1000  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNr/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		---	EH	12/07/95	
	BENZENE	N/D		5.0				
	BROMOBENZENE	N/D		5.0				
	BROMODICHLOROMETHANE .	N/D		5.0				
	n-BUTYLBENZENE	20		5.0				
	sec-BUTYLBENZENE	9.3		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-DICHLOROENZENE	N/D		5.0				
	1,3-DICHLOROENZENE	N/D		5.0				
	1,4-DICHLOROENZENE	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				
	DIISOPROPYL ETHER	N/D		50				
	ETHYL BENZENE	310		5.0				J
	HEXACHLOROBUTADIENE	N/D		5.0				
	ISOPROPYLBENZENE	24		5.0				
	p-ISOPROPYLTOLUENE	9.9		5.0				
	METHYLENE CHLORIDE	N/D		5.0				
	METHYL TERT BUTYL ETHER	N/D		50				
	NAPHTHALENE	N/D		5.0				
	n-PROPYL BENZENE	71		5.0				

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

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

IN: NWB  
 PAGE 2 OF 2

## TEST REPORT

MAS #: 5 1 2 0 4 0 1 1

(CONTINUED)

PROJECT: CHRYSLER  
 SAMPLE IDENTIFICATION: RLD-SP2 12/01/95 1000  
 PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WT.		—	EH	12/07/95	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	N/D		5.0				
	TOLUENE	120		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	400		5.0				J
	1,3,5-TRIMETHYLBENZENE	140		5.0				
	VINYL CHLORIDE	N/D		5.0				
	m & p-XYLENES	1500		10				J
	o-XYLENE	620		5.0				J

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

FILE: WDNR\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	12	mg/kg DRY WT.	10	----	NG	12/08/95	W4, W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR  
 W4 GRO sample weights outside of acceptable parameters.  
 W1 Peaks before retention time window.  
 W2 Peaks after retention time window.

FILE: WDNR\DROS

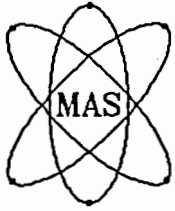
METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
DRO BY WISCONSIN LUST MODIFIED	*DIESEL RANGE ORGANICS	120	mg/kg DRY WT.	10	----	EH	12/06/95	W1

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL, NO ODOR  
 DOES THE DRO PATTERN LOOK LIKE DIESEL? NO

W1 Peaks before retention time window.

\*EXTENDED TIME WINDOW +5 MINUTES

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

IN: NWB

## TEST REPORT

MAS #: 51204012

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

DATE COMPLETED: 13-Dec-95

JOB #: W943324.16

PROJECT: CHRYSLER  
SAMPLE IDENTIFICATION: MEOH BLANK 12/01/95 1155  
PHYSICAL DESCRIPTION: LIQUID

FILE: WDNR\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANTITATION LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	N/D	mg/l	10	----	NG	12/08/95	W1, W2

SAMPLE OBSERVATION (VISUAL AND OLFACTORY): METHANOL

- W1 Peaks before retention time window.
- W2 Peaks after retention time window.

Krystyna Czyzo  
Lab. Quality Manager

MIDWEST ANALYTICAL SERVICES, INC.  
 5103 W. BELOIT RD.  
 MILWAUKEE, WI. 53214

**CHAIN OF CUSTODY RECORD  
 & SAMPLE ANALYSIS REQUEST**



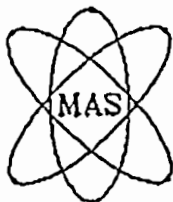
PHONE#: (414) 643-3500  
 FAX#: (414) 643-3502

CLIENT: <i>TRIAD Environmental</i>	SAMPLE COLLECTOR: <i>HRIS</i>	DETECTION LIMITS (DL): DL DL DL DL DL	PAGE _____ OF _____
P.O.#:	RELEASE OR REFERENCE		NORMAL <input checked="" type="checkbox"/>
JOB #: <i>943324.26</i>	FIN TEL#: <i>241-8840</i>		RUSH <input type="checkbox"/>
PROJECT:	RESULTS TO THE ATTENTION OF: <i>ROSS CRIGGION</i>		NEED FAXED: YES <input type="checkbox"/> NO <input type="checkbox"/>

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE		ANALYSIS METHOD						CONTAINERS		PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.	
				*ORIGIN	MATRIX	DL	DL	DL	DL	DL	DL	DL	DL			SIZE
1	6568-1		1-10-46 1330	7	soil	X	X	X				4	200	Septon	600 400 100	
2	6568-2		1-10-46 1335	7	soil	X	X	X				4	200	Septon	600 400 100	
3	6568-3		1-10-46 1340	7	soil	X	X	X				4	200	Septon	600 400 100	
4	6568-4		1-10-46 1345	7	soil	X	X	X				4	200	Septon	600 400 100	
5	6568-5		1-10-46 1350	7	soil	X	X	X				4	200	Septon	600 400 100	
6	6568-6		1-10-46 1355	7	soil	X	X	X				4	200	Septon	600 400 100	

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME	* SAMPLE ORIGIN	5. TCLP WASTE	9. RESEARCH
<i>[Signature]</i>	1-10-46 17:20	<i>[Signature]</i>	1-10-46 18:15	1. DRINKING WATER 2. N.P.D.E.S. 3. WASTE WATER - CITY: 4. STORM WATER	6. MDNR 7. WDNR 8. INTERNAL USE	10. AIR 11. OTHER:
		RECEIVED FOR LAB BY:		LAB USE ONLY: STATUS OF THE SAMPLE RECEIVED: TRANSPORT TEMPERATURE _____ SEALED <input type="checkbox"/> NOT SEALED <input type="checkbox"/>	FIELD CHARGES: FIELD HOURS <input type="checkbox"/> SET UP <input type="checkbox"/> ISCO CHARGE <input type="checkbox"/> PICK UP: _____ OF _____ C <input type="checkbox"/> NC <input type="checkbox"/>	
				RECEIVED BY: MAIL <input type="checkbox"/> DROP OFF <input type="checkbox"/>		

COMMENTS: \_\_\_\_\_



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

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

LAB DIRECTORS : KEVIN J. O'MARA  
RICHARD A. KERN  
LAB MANAGER : NITIN BARAD  
CUSTOMER SERVICE MANAGER: : NORMAN W. BROOKS

ORIGINAL WILL: (CIRCLE ONE) NOT BE SENT **BE MAILED**

## FAX COVER LETTER

DATE : 1-25-96

PLEASE DELIVER THE FOLLOWING PAGES TO:

NAME : ROSS CREIGHTON

COMPANY : TRIAD ENG.

FAX NUMBER : \_\_\_\_\_

FROM : DAN BARBERE

COMMENTS : \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

WE ARE TRANSMITTING 14 PAGE (S), INCLUDING THE COVER PAGE.

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL TO WHICH IT IS ADDRESSED, AND CONTAINS INFORMATION THAT IS CONFIDENTIAL FROM MIDWEST ANALYTICAL SERVICES, INC. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISTRIBUTION OR COPYING OF THIS IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THE FACSIMILE IN ERROR, PLEASE IMMEDIATELY NOTIFY MIDWEST ANALYTICAL SERVICES AT 313-964-3680 AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE U.S. POSTAL SERVICE. THANK YOU.





## Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

A2LA Accredited Certification # 0381-01 P: 1-800-801-4MAS (MI, OH, WI, IN, IL)  
 State of Wisconsin Certification #999941580 : (313) 964-3680  
 State of New Jersey Certification #62733 F: (313) 964-2339  
 State of North Dakota Certification #R-UN3

Date : 24-Jan-96

Client : ROSS CREIGHTON  
 TRIAD ENGINEERING, INC.

Mas# : 60111031-036

Sample LD. : 6568-1, 6568-2, 6568-3, 6568-4, 6568-5, 6568-6

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.*

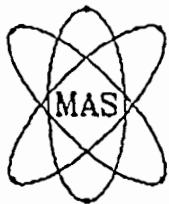
1. Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.
2. N/D=Not detected above Estimated Quantitation Limit, N/A=Not applicable
3. Results relate only to the items tested.
4. mg/l, mg/kg, mcg/kg(dry weight) equal ppm(parts per million)  
 $\mu\text{g/l}$ ,  $\mu\text{g/kg}$ ,  $\mu\text{g/kg(dry weight)}$  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,

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

AZLA Accredited Certification # 0381-01 P: 1-800-801-4MAS (MI, OH, WI, IN, IL)  
 State of Wisconsin Certification #999941580 : (313) 964-3680  
 State of New Jersey Certification #62733 F: (313) 964-2339  
 State of North Dakota Certification #R-085

IN: DLB  
 PAGE 1 OF 2

## TEST REPORT

MAS #: 60111031

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

DATE COMPLETED: 24-Jan-96

JOB #: 943324.26

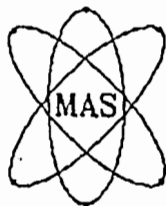
SAMPLE IDENTIFICATION: 6568-1 01/10/96 1330  
 PHYSICAL DESCRIPTION: SOLID

FILE: WENZ/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	1/16/96	
	BENZENE	22		5.0				
	BROMOBENZENE	N/D		5.0				
	BROMODICHLOROMETHANE	N/D		5.0				
	n-BUTYLBENZENE	N/D		5.0				
	sec-BUTYLBENZENE	58		5.0				
	tert-BUTYLBENZENE	N/D		5.0				
	CARBON TETRACHLORIDE	N/D		5.0				
	CHLOROENZENE	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-DICHLOROENZENE	N/D		5.0				
	1,3-DICHLOROENZENE	N/D		5.0				
	1,4-DICHLOROENZENE	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				
	DIISOPROPYL ETHER	N/D		5.0				
	ETHYL BENZENE	170		5.0				
	HEXACHLOROBUTADIENE	N/D		5.0				
	ISOPROPYLBENZENE	45		5.0				
	p-ISOPROPYLTOLUENE	70		5.0				
	METHYLENE CHLORIDE	N/D		5.0				
	METHYL TERT BUTYL ETHER	N/D		5.0				
	NAPHTHALENE	490		5.0				J
	n-PROPYL BENZENE	190		5.0				

*Krystyna Czyzo*

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

A2LA Accredited Certification # 0381-01  
 State of Wisconsin Certification #999941580 : (313) 964-3680  
 State of New Jersey Certification #62733 F: (313) 964-2339  
 State of North Dakota Certification #R-085

IN: DLB  
 PAGE 2 OF 2

## TEST REPORT

MAS #: 60111031

(continued)

SAMPLE IDENTIFICATION: 6568-1 01/10/96 1330  
 PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	1/16/96	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	15		5.0				
	TOLUENE	100		5.0				B
	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	37		5.0				
	TRICHLOROFLUOROMETHANE	N/D		5.0				
	1,2,4-TRIMETHYLBENZENE	1,200		5.0				J
	1,3,5-TRIMETHYLBENZENE	400		5.0				J
	VINYL CHLORIDE	N/D		5.0				
	m & p-XYLENES	520		10				J
	o-XYLENE	160		5.0				

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.  
 B Analyte detected in method blank at a concentration of 11 µg/kg.

FILE: WENRIGROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	206	mg/kg DRY WEIGHT	10	----	NG	1/13/96	W1, W2, W4

W1 Peaks before retention time window.  
 W2 Peaks after retention time window.  
 W4 GRO or DRO sample weights outside of acceptable parameters.

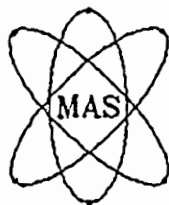
FILE: WENRIGROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
*DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	320	mg/kg DRY WEIGHT	10	----	NG	1/18/96	W1, W2, J, B

DOES THE DRO PATTERN LOOK LIKE DIESEL? YES  
 \*Extended time window +5 min.  
 W1 Peaks before retention time window.  
 W2 Peaks after retention time window.  
 J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.  
 B Analyte detected in method blank at a concentration of 7.7 mg/kg.

*Krystyna Czyzo*

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

A2LA Accredited Certification # 0381-01  
State of Wisconsin Certification #999941580  
State of New Jersey Certification #62733  
State of North Dakota Certification #R-085

P: 1-800-801-4MAS (MI, OH, WI, IN, IL)  
: (313) 964-3680  
F: (313) 964-2339

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 60111032

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

DATE COMPLETED: 24-Jan-96

JOB #: 943324.26

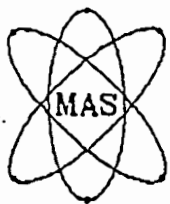
SAMPLE IDENTIFICATION: 6568-2 01/10/96 1335  
PHYSICAL DESCRIPTION: SOLID

FILE: WDNA/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	1/16/96	
	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				
	DIISOPROPYL ETHER	N/D		5.0				
	ETHYL BENZENE	8.6		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		5.0				
	NAPHTHALENE	46		5.0				
	n-PROPYL BENZENE	5.2		5.0				

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

A2LA Accredited Certification # 0381-01  
 State of Wisconsin Certification #999941580 : (313) 964-3680  
 State of New Jersey Certification #62733 F: (313) 964-2339  
 State of North Dakota Certification #R-085

IN: DLB  
 PAGE 2 OF 2

## TEST REPORT

MAS #: 60111032

(continued)

SAMPLE IDENTIFICATION: 6568-2 01/10/96 1335  
 PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	1/16/96	
	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	43		5.0				
	1,3,5-TRIMETHYLBENZENE	14		5.0				
	VINYL CHLORIDE	N/D		5.0				
	m & p-XYLENES	41		10				
	o-XYLENE	N/D		5.0				

FILE: WENRAGROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	17	mg/kg DRY WEIGHT	10	----	NG	1/13/96	W1, W2, W4

W1 Peaks before retention time window.  
 W2 Peaks after retention time window.  
 W4 GRO or DRO sample weights outside of acceptable parameters.

FILE: WENRAGROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
*DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	50	mg/kg DRY WEIGHT	10	----	NG	1/18/96	W1, W2, J, B

DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

\*Extended time window +5 min..

W1 Peaks before retention time window.

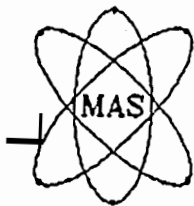
W2 Peaks after retention time window.

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

B Analyte detected in method blank at a concentration of 7.7mg/kg.

*Krystyna Czyzo*

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"  
 Metropolitan Center for High Technology  
 2727 Second Avenue  
 Detroit, Michigan 48201

A2LA Accredited Certification # 0381-01 P: 1-800-801-4MAS (MI, OH, WI, IN, IL)  
 State of Wisconsin Certification #999941580 : (313) 964-3680  
 State of New Jersey Certification #62733 F: (313) 964-2339  
 State of North Dakota Certification #R-085

IN: DLB  
 PAGE 1 OF 2

## TEST REPORT

MAS #: 60111033

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

DATE COMPLETED: 24-Jan-96

JOB #: 943324.26

SAMPLE IDENTIFICATION: 6568-3 01/10/96 1340  
 PHYSICAL DESCRIPTION: SOLID

FILE:NDHR/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	1/16/96	
	BENZENE	9.4		5.0				
	BROMOBENZENE	N/D		5.0				
	BROMODICHLOROMETHANE	N/D		5.0				
	n-BUTYLBENZENE	N/D		5.0				
	sec-BUTYLBENZENE	34		5.0				
	tert-BUTYLBENZENE	50		5.0				
	CARBON TETRACHLORIDE	N/D		5.0				
	CHLOROBENZENE	6.7		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	14		5.0				
	DICHLORODIFLUOROMETHANE	N/D		5.0				
	1,1-DICHLOROETHANE	8.9		5.0				
	1,2-DICHLOROETHANE	N/D		5.0				
	1,1-DICHLOROETHENE	N/D		5.0				
	cis-1,2-DICHLOROETHENE	54		5.0				
	trans-1,2-DICHLOROETHENE	18		5.0				
	1,2-DICHLOROPROPANE	N/D		5.0				
	1,3-DICHLOROPROPANE	N/D		5.0				
	2,2-DICHLOROPROPANE	N/D		5.0				
	DIISOPROPYL ETHER	N/D		50				
	ETHYL BENZENE	32		5.0				
	HEXACHLOROBUTADIENE	N/D		5.0				
	ISOPROPYLBENZENE	16		5.0				
	p-ISOPROPYLTOLUENE	52		5.0				
	METHYLENE CHLORIDE	N/D		50				
	METHYL TERT BUTYL ETHER	N/D		50				
	NAPHTHALENE	63		5.0				
	n-PROPYL BENZENE	42		5.0				

*Krystyna Czyzo*

Krystyna Czyzo  
 Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

A2LA Accredited Certification # 0381-01 P: 1-800-801-4MAS (MI, OH, WI, IN, IL)  
State of Wisconsin Certification #999941580 : (313) 964-3680  
State of New Jersey Certification #62733 F: (313) 964-2339  
State of North Dakota Certification #R-085

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60111033

(continued)

SAMPLE IDENTIFICATION: 6568-3 01/10/96 1340  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-346 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	1/16/96	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	57		5.0				
	TOLUENE	35		5.0				B
	1,2,3-TRICHLOROENZENE	N/D		5.0				
	1,2,4-TRICHLOROENZENE	8.7		5.0				
	1,1,1-TRICHLOROETHANE	24		5.0				
	1,1,2-TRICHLOROETHANE	N/D		5.0				
	TRICHLOROETHENE	130		5.0				
	TRICHLOROFLUOROMETHANE	N/D		5.0				
	1,2,4-TRIMETHYLBENZENE	300		5.0				
	1,3,5-TRIMETHYLBENZENE	110		5.0				
	VINYL CHLORIDE	N/D		5.0				
	m & p-XYLENES	110		10				
	o-XYLENE	33		5.0				

B Analyte detected in method blank at a concentration of 11 µg/kg.

FILE: WENADROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	230	ng/kg DRY WEIGHT	10	----	NG	1/13/96	W1, W2, W4

W1 Peaks before retention time window.

W2 Peaks after retention time window.

W4 GRO or DRO sample weights outside of acceptable parameters.

FILE: WENADROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
*DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	1,400	mg/kg DRY WEIGHT	10	----	NG	1/18/96	W1, W2, J, B

DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

\*Extended time window +5 min.

W1 Peaks before retention time window.

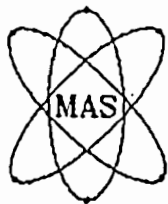
W2 Peaks after retention time window.

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

B Analyte detected in method blank at a concentration of 7.7 mg/kg.

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

A2LA Accredited Certification # 0381-01  
State of Wisconsin Certification #999941580  
State of New Jersey Certification #62733  
State of North Dakota Certification #R-085

P: 1-800-801-4MAS (MI,OH,WI,IN,IL)  
: (313) 964-3680  
F: (313) 964-2339

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 60111034

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

DATE COMPLETED: 24-Jan-96

JOB #: 943324.26

SAMPLE IDENTIFICATION: 6568-4 01/10/96 1345  
PHYSICAL DESCRIPTION: SOLID

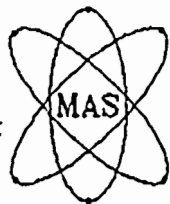
FILE: WCN8/VOCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		----	EH	1/16/96	
	BENZENE	N/D		5.0				
	BROMOBENZENE	N/D		5.0				
	BROMODICHLOROMETHANE	N/D		5.0				
	n-BUTYLBENZENE	N/D		5.0				
	sec-BUTYLBENZENE	8.6		5.0				
	tert-BUTYLBENZENE	N/D		5.0				
	CARBON TETRACHLORIDE	N/D		5.0				
	CHLOROBENZENE	18		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	8.4		5.0				
	1,3-DICHLOROBENZENE	9.9		5.0				
	1,4-DICHLOROBENZENE	68		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	18		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				
	DIISOPROPYL ETHER	N/D		5.0				
	ETHYL BENZENE	13		5.0				
	HEXACHLOROBUTADIENE	N/D		5.0				
	ISOPROPYLBENZENE	6.8		5.0				
	p-ISOPROPYLTOLUENE	16		5.0				
	METHYLENE CHLORIDE	N/D		5.0				
	METHYL TERT BUTYL ETHER	N/D		5.0				
	NAPHTHALENE	150		5.0				
	n-PROPYL BENZENE	13		5.0				

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager





# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

A2LA Accredited Certification # 0381-01  
State of Wisconsin Certification #999941580  
State of New Jersey Certification #62733  
State of North Dakota Certification #R-085

P: 1-800-801-4MAS (MI, OH, WI, IN, IL)  
: (313) 964-3680  
F: (313) 964-2339

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60111034

(continued)

SAMPLE IDENTIFICATION: 6568-4 01/10/96 1345  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		---	EH	1/16/96	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	7.0		5.0				
	TOLUENE	9.0		5.0				B
	1,2,3-TRICHLOROBENZENE	N/D		5.0				
	1,2,4-TRICHLOROBENZENE	14		5.0				
	1,1,1-TRICHLOROETHANE	N/D		5.0				
	1,1,2-TRICHLOROETHANE	N/D		5.0				
	TRICHLOROETHENE	54		5.0				
	TRICHLOROFLUOROMETHANE	N/D		5.0				
	1,2,4-TRIMETHYLBENZENE	71		5.0				
	1,3,5-TRIMETHYLBENZENE	22		5.0				
	VINYL CHLORIDE	N/D		5.0				
	m & p-XYLENES	39		10				
	o-XYLENE	8.8		5.0				

B Analyte detected in method blank at a concentration of 11 µg/kg.

FILE: WENRAGROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	58	mg/kg DRY WEIGHT	10	----	NG	1/13/96	W1, W2, W4

W1 Peaks before retention time window.

W2 Peaks after retention time window.

W4 GRO or DRO sample weights outside of acceptable parameters.

FILE: WOHRA DRCS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATOR Y LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
*DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	450	mg/kg DRY WEIGHT	10	----	NG	1/18/96	W1, W2, J, B

DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

\*Extended time window +5 min.

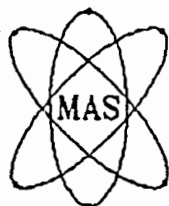
W1 Peaks before retention time window.

W2 Peaks after retention time window.

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

B Analyte detected in method blank at a concentration of 7.7 mg/kg.

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

A2LA Accredited Certification # 0381-01

State of Wisconsin Certification #999941580

State of New Jersey Certification #62733

State of North Dakota Certification #R-085

P:1-800-801-4MAS (MI,OH,WI,IN,IL)

:(313) 964-3680

F: (313) 964-2339

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 60111035

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

DATE COMPLETED: 24-Jan-96

JOB #: 943324.26

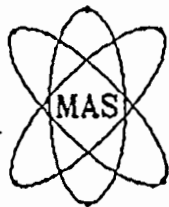
SAMPLE IDENTIFICATION: 6568-5 01/10/96 1350  
PHYSICAL DESCRIPTION: SOLID

FILE:WDRR/VOC5

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SV-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	1/16/96	
	BENZENE	5.3		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	30		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				
	DIISOPROPYL ETHER	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		5.0				
	NAPHTHALENE	N/D		5.0				
	n-PROPYL BENZENE	N/D		5.0				

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

A2LA Accredited Certification # 0381-01  
State of Wisconsin Certification #999941580  
State of New Jersey Certification #62733  
State of North Dakota Certification #R-085

P:1-800-801-4MAS (MI,OH,WI,IN,IL)  
(313) 964-3680  
F: (313) 964-2339

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60111035

(continued)

SAMPLE IDENTIFICATION: 6568-5 01/10/96 1350  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		----	EH	1/16/96	
	1,1,2,2-TETRACHLOROETHANE	N/D		5.0				
	TETRACHLOROETHENE	22		5.0				
	TOLUENE	19		5.0				B
	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	620		5.0				J
	TRICHLOROFLUOROMETHANE	N/D		5.0				
	1,2,4-TRIMETHYLBENZENE	5.7		5.0				
	1,3,5-TRIMETHYLBENZENE	N/D		5.0				
	VINYL CHLORIDE	N/D		5.0				
	m & p-XYLENES	11		10				
	o-XYLENE	N/D		5.0				

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.  
B Analyte detected in method blank at a concentration of 11 µg/kg.

FILE: WDR1GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	31	mg/kg DRY WEIGHT	10	----	NG	1/13/96	W1, W2, W4

W1 Peaks before retention time window.  
W2 Peaks after retention time window.  
W4 GRO or DRO sample weights outside of acceptable parameters.

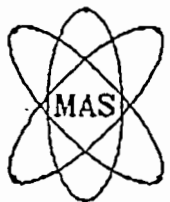
FILE: WDR1DROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
*DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	140	mg/kg DRY WEIGHT	10	----	NG	1/18/96	W1, W2, J, B

DOES THE DRO PATTERN LOOK LIKE DIESEL? YES  
\*Extended time window +5 min.  
W1 Peaks before retention time window.  
W2 Peaks after retention time window.  
J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.  
B Analyte detected in method blank at a concentration of 7.7mg/kg.

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

A2LA Accredited Certification # 0381-01  
State of Wisconsin Certification #999941580  
State of New Jersey Certification #62733  
State of North Dakota Certification #R-085

P:1-800-801-4MAS (MI,OH,WI,IN,IL)  
:(313) 964-3680  
F: (313) 964-2339

IN: DLB  
PAGE 1 OF 2

## TEST REPORT

MAS #: 60111036

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

DATE COMPLETED: 24-Jan-96

JOB #: 943324.26

SAMPLE IDENTIFICATION: 6568-6 01/10/96 1355  
PHYSICAL DESCRIPTION: SOLID

FILE:NDNR/VOCS

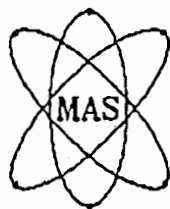
METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-946 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		—	EH	1/16/96	SMI
	BENZENE	350		9.0				
	BROMOBENZENE	N/D		9.0				
	BROMODICHLOROMETHANE	N/D		9.0				
	n-BUTYLBENZENE	N/D		9.0				
	sec-BUTYLBENZENE	820		9.0				J
	tert-BUTYLBENZENE	N/D		9.0				
	CARBON TETRACHLORIDE	N/D		9.0				
	CHLOROBENZENE	N/D		9.0				
	CHLOROETHANE	N/D		9.0				
	CHLOROFORM	N/D		9.0				
	CHLOROMETHANE	N/D		9.0				
	2-CHLOROTOLUENE	N/D		9.0				
	4-CHLOROTOLUENE	N/D		9.0				
	1,2-DIBROMO-3-CHLOROPROPANE	N/D		9.0				
	1,2-DIBROMOETHANE	N/D		9.0				
	DIBROMOCHLOROMETHANE	N/D		9.0				
	1,2-DICHLOROBENZENE	N/D		9.0				
	1,3-DICHLOROBENZENE	N/D		9.0				
	1,4-DICHLOROBENZENE	N/D		9.0				
	DICHLORODIFLUOROMETHANE	N/D		9.0				
	1,1-DICHLOROETHANE	N/D		9.0				
	1,2-DICHLOROETHANE	N/D		9.0				
	1,1-DICHLOROETHENE	N/D		9.0				
	cis-1,2-DICHLOROETHENE	12		9.0				
	trans-1,2-DICHLOROETHENE	N/D		9.0				
	1,2-DICHLOROPROPANE	N/D		9.0				
	1,3-DICHLOROPROPANE	N/D		9.0				
	2,2-DICHLOROPROPANE	N/D		9.0				
	DIISOPROPYL ETHER	N/D		9.0				
	ETHYL BENZENE	4,800		9.0				J
	HEXACHLOROBUTADIENE	N/D		9.0				
	ISOPROPYLBENZENE	1,000		9.0				J
	p-ISOPROPYLTOLUENE	640		9.0				
	METHYLENE CHLORIDE	N/D		50				
	METHYL TERT BUTYL ETHER	N/D		90				
	NAPHTHALENE	6,500		9.0				J
	n-PROPYL BENZENE	4,300		9.0				J

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of SMI Sample matrix interference prevents lower detection limits.

quantitation.

*Krystyna Czyzo*

Krystyna Czyzo  
Lab. Quality Manager



# Midwest Analytical Services, Inc.

"Where industry comes for answers"

Metropolitan Center for High Technology  
2727 Second Avenue  
Detroit, Michigan 48201

AZLA Accredited Certification # 0381-01  
State of Wisconsin Certification #999941580  
State of New Jersey Certification #62733  
State of North Dakota Certification #R-085

P: 1-800-801-4MAS (MI, OH, WI, IN, IL)  
: (313) 964-3680  
F: (313) 964-2339

IN: DLB  
PAGE 2 OF 2

## TEST REPORT

MAS #: 60111036

(continued)

SAMPLE IDENTIFICATION: 6568-601/10/96 1355  
PHYSICAL DESCRIPTION: SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REG. LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 8260A	VOLATILE ORGANIC COMPOUNDS		µg/kg DRY WEIGHT		----	EH	1/16/96	SMI
	1,1,2,2-TETRACHLOROETHANE	N/D		9.0				
	TETRACHLOROETHENE	630		9.0				
	TOLUENE	4,400		9.0				J, B
	1,2,3-TRICHLOROBENZENE	N/D		9.0				
	1,2,4-TRICHLOROBENZENE	N/D		9.0				
	1,1,1-TRICHLOROETHANE	28		9.0				
	1,1,2-TRICHLOROETHANE	N/D		9.0				
	TRICHLOROETHENE	160		9.0				
	TRICHLOROFLUOROMETHANE	N/D		9.0				
	1,2,4-TRIMETHYLBENZENE	14,000		9.0				J
	1,3,5-TRIMETHYLBENZENE	7,900		9.0				J
	VINYL CHLORIDE	N/D		9.0				
	m & p-XYLENES	11,000		18				J
	o-XYLENE	7,400		9.0				J

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

B Analyte detected in method blank at a concentration of 11 µg/kg.

SMI Sample matrix interference prevents lower detection limits.

FILE: WDMR\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
GRO BY WISCONSIN LUST MODIFIED	GASOLINE RANGE ORGANICS	2,400	mg/kg DRY WEIGHT	10	----	NG	1/13/96	W1, W2, W4, J

W1 Peaks before retention time window.

W2 Peaks after retention time window.

W4 GRO or DRO sample weights outside of acceptable parameters.

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

FILE: WDMR\GROS

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	ESTIMATED QUANT. LIMIT	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
*DRO BY WISCONSIN LUST MODIFIED	DIESEL RANGE ORGANICS	2,500	mg/kg DRY WEIGHT	10	----	NG	1/18/96	W1, W2, J, B

DOES THE DRO PATTERN LOOK LIKE DIESEL? YES

\*Extended time window +5 min.

W1 Peaks before retention time window.

W2 Peaks after retention time window.

J Estimated value or value not accurate i.e. analyte concentration found to be outside the established linear range of quantitation.

B Analyte detected in method blank at a concentration of 7.7mg/kg.

Krystyna Czyzo  
Lab. Quality Manager