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INTERIM REMEDIAL ACTION EVALUATION REPORT CHRYSLER CORPORATION KENOSHA ENGINE PLANT

October 95

PREPARED FOR:

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

TRIAD ENGINEERING INCORPORATED PROJECT NO. W943324.21

OCTOBER 1995

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"I, Richard J. Binder, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wisconsin Administrative Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in Chapters NR 700 to 726, Wisconsin Administrative Code."

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10/5/95
Date

"I, Sarah E. Levin, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of Chapter A-E4, Wisconsin Administrative Code; that this document has been prepared in accordance with the Rules of Professional Conduct in Chapter A-E8, Wisconsin Administrative Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in Chapters NR 700 to 726, Wisconsin Administrative Code."

Sarah E. Levin, P.E. No. E-29769
Project Engineer

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Date

1.0 INTRODUCTION

1.1 General.

This Interim Remedial Action Evaluation report for stockpiled soil excavated from the Chrysler Corporation (Chrysler) Kenosha Engine Plant facility, and described herein, has been completed by Triad Engineering Incorporated (Triad) on behalf of Chrysler. The soil was generated during excavation activities conducted during upgrading of assembly lines and manufacturing areas at the Chrysler, Kenosha Engine Plant. The goal of the Interim Remedial Action Evaluation is to develop an appropriate interim remedial action (RA) for the soil which is implementable, performance-based, cost-effective, protective of human health and the environment, satisfactory for Chrysler and meets the requirements of Chapters NR 700 through NR 736, Wisconsin Administrative Code (WAC). Specific objectives include:

- Summarization of pertinent site information including site history and available analytical data;
- Identification of remedial action objectives (RAOs);
- Identification of potentially feasible remedial technologies;
- Development and evaluation of interim RA alternatives which meet RAOs and are practical for the site; and
- Recommendation of the preferred alternative.

1.2 Facility Description/Operations History.

The Chrysler Kenosha Engine Plant facility is located at 5555 30th Avenue in Kenosha, Wisconsin (Figure 1). The property is generally bound by 52nd Street (north), 60th Street (south), 30th Avenue (west), and 26th Avenue (east). Surrounding land use is industrial, commercial, and residential.

Based on available information, approximately 20,000 cubic yards of soil were generated during excavation activities conducted during upgrading of assembly lines and manufacturing areas at the Kenosha Engine Plant. The soil was temporarily stockpiled on Main Plant property in the areas of former Buildings 10, 10A, and 11. The excavated soil is from the unsaturated and saturated zones. These soil stockpiles came primarily from the following four locations in the Engine Plant: (1) the modified oil recycling building slab, (2) Building 31, (3) Building 23/23A, and (4) Building 53 (Figure 1). The four areas are further described below.

Modified Oil Recycling Slab

The modified oil recycling slab is located north of Building 29C and west of Building 54. This slab was originally constructed in 1964 to stage hoppers of cuttings coated with oil. The staging was performed to draw the oil for recycling. In spring 1994, the slab was modified to allow for cleaner and more efficient handling of materials. The soil from this area was moved to the soil piles designated as "A" on Figure 2.

Building 31

Building 31 is located along the western edge of the property, directly east of 58th Street. It was built in 1925 and is used for machining pistons. Soil has been excavated from this area to install new machinery and equipment necessary to upgrade production quality and volume. The soil was placed into the piles labelled "B" and "D" on Figure 2.

Building 23/23A

This building is located along 30th Avenue between 58th and 60th Streets, and was constructed circa 1919. Building 23/23A has been idle since 1990. Concrete foundation and hydromation structures were excavated for replacement with upgraded structures. Excavated structures include those formerly used for connecting rod and cam engine assembly and collection of recirculated coolant and lubrication fluids. Soil beneath these building structures and foundation was placed in soil pile areas designated "C" and "E" on Figure 2.

Building 53

Building 53 is directly north of Building 23/23A and was built in 1963. This building is used for general assembly, parts-machining of lubricating pumps and crankshafts, cold-testing, and piston transfer. Foundation material was excavated in 1994 so the building could be upgraded. Paint booths also were formerly located along the wall between Building 38 and 53. Apparently affected soil beneath the foundation were moved to the pile labelled "F" on Figure 2.

After excavation, the soil was moved to the area of former Buildings 10, 10A, and 11. This area is currently paved. The soil piles were subsequently divided into 300-yard sectors and individually described and characterized by field screening and laboratory analysis of discreet and composite samples. The approximate size, location, and classifications of the stockpiled soil and its characterization are depicted on Figures 2 through 4.

One additional soil pile, referred to as the North Pile, was excavated from Building 53 to facilitate reconfiguration of the assembly line conveyor, and stockpiled near Sumps 4 and 5. This soil was also characterized and is included in this report.

1.3 Source Evaluation and On-Site Storage.

Based on an evaluation of the potential sources (Appendix A), the excavated soil is not classified as Resource Conservation and Recovery Act (RCRA) listed hazardous waste by the mixture rules. The soil contains hazardous substances and, unless additional analytical data indicate the soil is hazardous by characteristic, it will be managed under the Wisconsin Spills Law (s. 144.76) and corresponding regulations (NR 700 series, WAC). The Wisconsin Department of Natural Resources (WDNR) project manager has concurred with this evaluation.

The stockpiled soil is scheduled for treatment and/or disposal before fall 1995. A request for exemption under NR 500.08(4), WAC to the Solid Waste Storage Requirements outlined in NR 500–522, WAC was submitted June 5, 1995 (Appendix A).

1.4 Site Remediation Issues.

The Kenosha Engine Plant will be further expanded during 1995 to include a new engine assembly line. The new 2.7 Liter Engine Block Line will be located northeast of the existing Engine Plant on Chrysler property. To accommodate this expansion, an existing employee parking lot must be relocated to the area of the stockpiled soil. An area for staging construction equipment and construction material will also be required. Space is not available on Chrysler's property to accommodate the expansion, employee parking, equipment staging, and the stockpiled soil. As such, it is imperative that the soil be treated and/or removed from the site prior to construction of the new engine line. Thus, the interim RA for the soil must be expedited. Additional remedial investigations and remedial actions are scheduled to evaluate the source areas of the soil.

1.5 Report Organization.

The remainder of this report is organized as follows. Field methods used to characterize the impacted soil are summarized in Section 2.0. Physical and analytical characterization data are summarized in Sections 3.0 and 4.0, respectively. Identification and evaluation of interim RA technologies and alternatives are presented in Sections 5.0 and 6.0. The preferred interim RA is presented in Section 6.0. References are contained in Section 7.0. Supporting documentation is included as appendices. Appendix A contains the contaminant source evaluation used to determine the classification of the excavated soil and solid waste storage exemption request; Appendix B contains field forms; Appendix C contains the laboratory data reports; and Appendix D presents cost calculations.

2.0 SOIL CHARACTERIZATION FIELD INVESTIGATION

A soil characterization field investigation was conducted from late March through early May 1995. The investigation consisted of three parts as follows: (1) implementation of a grid; (2) field-screening of soil; and (3) sample collection for laboratory analysis. Following is a discussion of completed field activities. The WDNR's project manager concurred with the investigation approach.

2.1 Soil Grid.

A grid was established to divide the soil piles into approximate 300-cubic-yard (cy) sectors. Sector volumes were calculated based on the approximated height of the soil piles. Corner points of the sectors were marked with wooden stakes and the distances obtained with measuring tapes. Each 300-cy sector typically contained approximately 20 to 30 individual dump truck loads or piles. A total of 61 300-cy sectors were established. The sectors were numbered consecutively as depicted on Figure 3.

2.2 Soil-Sampling Procedures.

Soil sampling occurred in two stages. The soil was first field screened with a photoionization detector (PID) utilizing the WDNR's headspace guidance techniques. Based on these results, laboratory sample locations were then identified.

2.2.1 Field-Screening Sample Location and Designation.

Within each sector, a minimum of five locations were identified, flagged, and sampled for field screening. Four field-screening samples were collected from the corners and one was collected from the center of each sector. The samples were collected from a depth of approximately 18 to 24 inches in order to negate the effects of surface weathering. Additional field-screening samples were collected in localized areas that had soil which appeared different from other soil in the sector (i.e., color or soil classification). Samples were labelled with a number representing the sector and a letter identifying the sample locations (Figure 3). For example, a sample labelled 17A would be from Sector 17, Sample A. Sample A was always located in the southwest corner of the sector and labelling went clockwise with sample D in the southeast corner and E in the center.

2.2.2 Photoionization Detector Screening.

Approximately 340 soil samples were collected for field screening. A PID equipped with a 10.6 eV lamp was used to analyze the headspace in the field samples for photoionizable volatile organic compounds (VOCs) in accordance with WDNR guidance. The PID was calibrated daily following the manufacturer's instructions. The instrument calibration was checked throughout the day and recalibrated as necessary. PID readings were recorded in instrument units (IU) relative to calibration gas (100 ppm isobutylene).

Semi-quantitative measurements of total ionizable VOCs in soil were determined by monitoring the headspace within a sample container. Several parameters were recorded during field-screening procedures including: sample number (refers to sector number and sample

location within the sector); sample collection time; time analyzed; background response (IU); peak response (IU); and visual and olfactory observations. Soil samples were allowed to stabilize for at least 15 minutes at ambient temperature (greater than 70° Fahrenheit) prior to analysis to maximize headspace development of VOCs. A blank sample container was analyzed periodically. Field documentation forms are included as Appendix B.

The soil was classified according to its physical characteristics. Soil samples were described in the field notebook noting soil type, grain size distribution and/or shape, color, odor, and any distinguishing features.

2.2.3 Laboratory Sample Selection and Collection Procedures.

One soil sample from each sector was collected for laboratory analysis from the location which exhibited the highest PID reading. Additional samples were collected from localized areas exhibiting different soil characteristics (i.e., color or soil classification) than the majority of the soil in the sector. A decontaminated hand shovel was used to slowly dig a hole approximately 18 to 24 inches deep to negate the effects of surface weathering. A sample was obtained from the bottom of the hole and transferred directly to an appropriate laboratory-supplied sample container from the shovel. When sufficient sample was obtained, the container was sealed and appropriate procedures followed to properly identify and preserve the sample.

All pertinent information was recorded, including:

- Sample ID,
- Date/time sample was collected,
- Location of sample relative to site grid system,
- Observations (color, odor, PID reading, etc.),
- Name of individual collecting sample, and
- Soil Classification.

2.2.4 Laboratory Analytical Parameters.

Soil sample laboratory analyses consisted of VOCs (EPA Method 8260 or 8021), diesel range organics (DRO; WDNR Modified DRO Method), and gasoline range organics (GRO; WDNR Modified GRO Method). Several sectors were also sampled and analyzed for RCRA metals. Additional DRO samples were collected and analyzed from soil piles that had low PID results but a "heavy, petroleum-like" odor. Based on laboratory results and discussions with the WDNR's project manager, select locations were sampled utilizing the procedures discussed in Section 2.2.3 and analyzed for additional Waste Management of Wisconsin (WMWI) Protocol B parameters. Sample selection and analytical rationale is further detailed in Section 3.0.

2.2.5 Decontamination.

The hand shovel was decontaminated between sample location points utilizing a trisodium phosphate (TSP) substitute detergent and distilled water. Loose soil was first brushed off the hand shovel. The shovel was then scrubbed with a brush and TSP-substitute, and then rinsed with distilled water.

3.0 SOIL CHARACTERIZATION RESULTS

3.1 Physical Characterization.

As previously discussed, the total volume of stockpiled soil is estimated to be approximately 20,000 cy. The soil was grouped into five units as follows.

- Fine Sand – silty, fine-grained, well-sorted sand; none-to-few white, angular, dolomitic, fine-grained gravel, light olive brown.
- Silty Sand and Gravel – silty sand, some slag, brick and glass, few fine-to-coarse grained gravel, rusty brown, few baked foundry sand.
- Clay Lumps, Silt and Sand – some clay lumps (yellowish brown to gray) mixed with silt, sand, trace-to-few gravel, and trace wood fragments.
- Silty Clayey Sand – silty sand/sand silt, trace-to-few clay, trace-to-few gravel, dark brown to black; may contain rusty nails, trace wood, trace bricks, and trace-to-few foundry materials.
- Sand and Gravel – silty sand, some angular, few dolomitic, fine-grained gravel.

The soil was mapped according to the aforementioned soil units as illustrated on Figure 4. The silty sand and gravel unit (unit 2b and 2c, Figure 4) generally contains 25 to 50 percent (%) possible foundry materials (i.e., baked sand, loose sand, bricks, slag, and glass). Foundry materials may occur in trace-to-some (0–35%) amounts in the other units, particularly units 4c and/or 4e, Figure 4.

Approximately 60% to 70% of the fine sand exhibited a petroleum-like odor and generally yielded higher PID results than the other units (Unit 1a, Figure 4). Background PID levels ranged from 0.0 to 0.8, IU which are typical background responses. Approximately 10% of the soil contains non-native, angular, white, dolomitic gravel that was likely used as an apparent base prior to original construction. This gravel is particularly evident in the fine sand (Unit 1) and the sand and gravel (Unit 5) soil piles.

3.2 Chemical Characterization.

As previously discussed, the WDNR's project manager concurred with soil sample location selection and laboratory analytical approach. Seventy-one soil samples were submitted for laboratory analysis. The majority (63) of the samples were analyzed for VOCs, DRO, and GRO only. Four of the 63 samples collected from stockpiled soil apparently containing foundry materials were analyzed for VOCs, DRO, GRO, and RCRA metals; and three additional soil samples were analyzed for metals only. Seven additional samples which were visibly stained or had a "heavy, petroleum-like odor" were analyzed for DRO only. The data are summarized in Tables 1 and 2. Laboratory documentation is provided in Appendix C.

With the exception of methylene chloride, which is believed to be a laboratory/shipping artifact (see note below), the most frequently detected organic compounds are cis-1,2-dichloroethane, trichloroethene (TCE), and DRO. Most of the samples submitted for analysis appear to contain detectable concentrations of organics.

Arsenic, cadmium, and lead concentrations appear to be elevated in some samples with respect to U.S. EPA common background ranges. As previously discussed, it should be noted that these samples consisted primarily of what appeared to be foundry materials and are probably not representative of the majority of the excavated soil.

Prior to final selection of the interim RA for the soil, select locations were sampled and analyzed for WMWI Protocol B parameters to confirm that they are not characteristically hazardous under RCRA. Approximately 10 samples were collected from the seven sectors previously sampled for metals and the three soil sectors with the highest detected TCE concentrations (10G, 44G, and 48C). The samples from the soil sectors previously analyzed for metals were composites from four locations within each soil sector. However, the portion of sample submitted for VOC analyses was collected from the one discreet location previously exhibiting the highest field PID reading. The Protocol B samples from the remaining sectors were discrete samples collected adjacent to the original sample locations.

The protocol B data are summarized in Table 3. With the exception of one sample (the composite from soil Sector 50), detected constituents are present at levels well below the landfill acceptance criteria. The sample from Sector 50 exceeds the criteria for toxicity characteristic leaching procedure (TCLP) lead. Soil from Sector 50 was resampled to determine whether materials containing elevated lead concentrations can be easily segregated from the surrounding soil. Approximately one-third (7 to 8 piles) of the individual truckloads in Sector 50 contained unique and visibly darker materials than the surrounding piles. An additional composite soil sample was collected from the surrounding piles and submitted for WMWI Protocol B TCLP metals analysis only. The detected lead concentration was within landfill acceptance limits. Therefore, the visibly darker material was segregated from the rest of the soil in Sector 50.

Note:

In order to meet holding times, the methylene chloride extraction for a group of DRO samples was completed in the project laboratory's satellite office. The extracted DRO soil samples were then shipped in the same coolers as the VOC soil samples. It is likely that the detected methylene concentrations presented in Table 1 are a result of shipping.

Three discrete soil samples were collected and submitted for additional VOC analyses to evaluate the presence of methylene chloride. No methylene chloride was detected in these samples. This is consistent with the interpretation that previous methylene chloride detections were a result of shipping VOC soil samples with methylene-chloride-extracted DRO samples.

4.0 FORMULATION OF INTERIM REMEDIAL ACTIONS

In this section, interim RA alternatives are developed for the soil piles.

4.1 Remedial Action Objectives (RAOs)

RAOs represent remediation goals for protecting human health and the environment that should be met for the site. The primary RAOs for the stockpiled soil are:

- Prevent direct contact with the impacted soil;
- Prevent air dispersion of impacted soil;
- Prevent potential chemical migration from impacted soil to surface water and groundwater.

As previously discussed, it is also imperative that the soil be removed from Chrysler property as soon as possible in order to accommodate expansion of the Engine Plant.

4.2 Remedial Technologies Identification and Description

The following technologies have been identified as appropriate for the soil:

- Off-site disposal;
- Off-site thermal treatment and reuse;
- Off-site biological treatment;
- On-site thermal treatment.

Each technology is described below.

Off-Site Disposal

Stockpiled soil would be disposed in an off-site secure (RCRA Subtitle D) landfill. The landfill would have a composite liner to meet the requirements of NR 722, WAC. The cost for off-site disposal in a Subtitle D landfill is usually low to moderate. It should be noted that the selected landfill may require a variance from the WDNR for DRO concentrations over 2,000 mg/kg. Two soil samples (15B and 32B) had detected DRO concentrations greater than this value. The selected landfill may also require a variance from the WDNR for lead TCLP concentrations over 5 mg/l. If a variance is required but not approved, the high TCLP lead soil would be disposed of in a RCRA Subtitle C landfill.

Off-Site Thermal Treatment and Reuse

Stockpiled soil would be transported to a WDNR-approved, asphalt-batching facility. Suitable soil would be incorporated into the process as a partial substitute for aggregate. Soil with a high percentage of clay or concrete cannot be incorporated into this process. During the asphalt- batching process, VOCs are removed via volatilization or are thermally destroyed. Heavier organic compounds and metals are stabilized in the final asphalt mix. Costs for off-site thermal treatment and reuse are generally moderate.

Off-Site Biological Treatment

Stockpiled soil would be hauled to A WDNR-approved bioremediation facility. Biological treatment uses micro-organisms to degrade organic matter. Although halogenated VOCs may be resistant to biodegradation, GRO and DRO compounds are generally readily biodegradable. According to WMWI Pheasant Run Recycling and Disposal Facility (RDF) personnel, petroleum- and solvent-affected soil containing metals below TCLP standards could be effectively treated. Therefore, based on current analytical results, the majority of the soil piles would be amenable to biological treatment. The costs for off-site biological treatment are generally low to moderate to high.

On-Site Thermal Treatment

Stockpiled soil would be treated using a mobile, thermal-desorption treatment unit. Thermal desorption is a contaminant transfer process that uses air, heat, and/or mechanical agitation to volatilize contaminants into a vapor stream. The vapor stream is usually separated into fluid and gaseous phases which are then further treated. Thermal desorption may not be effective for treatment of heavy DRO compounds, metals, and soil with a high percentage of clay. The cost of this technology is generally considered moderate to high in comparison to the other technologies under consideration.

4.3 Formulation of Interim RA Alternatives

The following alternatives have been developed for the soil piles:

- Alternative 1: Off-Site Disposal
- Alternative 2: Off-Site Thermal Treatment and Reuse
Off-Site Disposal
- Alternative 3: Off-Site Biological Treatment
Off-Site Disposal
- Alternative 4: On-Site Thermal Treatment
Off-Site Disposal

The alternatives represent various degrees of effectiveness and cost. They are described in more detail and evaluated in Section 5. Under each alternative, large pieces of concrete and construction debris would be recycled.

5.0 INTERIM REMEDIAL ACTION ALTERNATIVES EVALUATION

In this section the interim RA alternatives are evaluated and compared to identify the preferred alternative. First, the evaluation criteria and the alternatives are described. Then the alternatives are evaluated and compared with one another. The cost of each alternative in comparison with what is being achieved technically is also taken into consideration. Finally, the preferred alternative is identified and selected.

5.1 Evaluation Criteria.

The alternatives are evaluated and compared against one another using the criteria described below.

5.1.1 Compliance with Environmental Laws and Standards.

Unless certain conditions are met, the selected interim RA must achieve restoration of the environment to the extent practicable, minimize harmful effects on the environment and comply with applicable environmental laws and standards (ELSs). Applicable ELSs are those that pertain to the specific site chemicals, locations, or remedial action. Chemical-specific ELSs are medium specific health- or risk-based chemical concentrations that are acceptable and can therefore remain on-site or be discharged to the environment. Chemical-specific ELSs for soil that is to remain on-site are contained in NR 720, WAC. These standards, however, are not applicable because, regardless of the selected alternative, the stockpiled soil must be disposed off-site.

Location-specific ELSs pertain to restrictions on activities due to characteristics inherent to the particular location where the particular activity is taking place. Action-specific ELSs pertain to activities associated with a particular remedial technology.

The primary action and location specific ELSs pertinent to this interim soil RA are the WAC Chapters NR 700–736: Investigation and Remediation of Environmental Contamination. Specific chapters which apply are:

- NR 708 – Immediate and Interim Actions;
- NR 718 – Management of Solid Wastes Excavated During Actions;
- NR 722 – Standards for Selecting Remedial Actions; and
- NR 724 – Remedial and Interim Action Design, Implementation, Observation, Maintenance, and Monitoring Requirements.

Additional pertinent ELSs are cited within NR 700—NR 736, WAC.

An on-site remedial action that cannot meet all the ELSs may still be selected if the following conditions are met.

- The overall remedial action alternative is protective of human health and the environment (i.e., meets RAOs).
- No technically and economically feasible remedial action alternative that achieves ELSs exists.
- The overall remedial action meets the remaining evaluation criteria (which are discussed below).

5.1.2 Long-Term Effectiveness.

This criterion addresses the long-term effectiveness of each remedial alternative and may include the following factors:

- The expected degree of reduction in compound toxicity, mobility, and volume;
- The degree to which the remedial alternative will protect human health and the environment over time.

5.1.3 Short-Term Effectiveness.

This criterion addresses protection of the community, workers, and the environment during the construction and implementation of an RA.

5.1.4 Implementability.

Implementability includes the following factors:

- The technical feasibility of constructing and implementing the RA;
- The availability of materials, equipment, technologies, and services to conduct the remedial action;
- The potential difficulties and unknowns associated with on-site construction or off-site disposal and treatment;
- The difficulties associated with monitoring the effectiveness of the remedial action;
- The ability to obtain necessary licenses, permits, or approvals.

5.1.5 Restoration Time Frame.

This criterion addresses the expected time frame needed to achieve restoration of the environment (where applicable). It should be noted that this is imperative for the soil piles due to the Engine Plant Expansion.

5.1.6 Costs.

This criterion takes into account the following types of costs:

- Capital Costs (direct and indirect).
- Annual operation and maintenance (O & M) costs.
- Total present worth of costs.
- Costs associated with potential future liability.

The estimated costs are meant to be conceptual, and, as such, are not all inclusive. Actual remediation costs may vary significantly.

5.2 Alternatives Description and Evaluation.

Each of the four remedial action alternatives formulated in Section 6 are described in the following subsections. Table 4 contains the evaluation of each alternative.

5.2.1 Alternative 1: Off-Site Disposal.

Under this alternative, approximately 20,000 cy of soil would be loaded into trucks and landfilled at the Pheasant Run RDF located in Bristol, Wisconsin.

5.2.2 Alternative 2: Off-Site Thermal Treatment/Reuse and Off-Site Disposal.

Under this alternative, soil containing less than 30 percent clay would be hauled to a permitted asphalt-batching facility in Green Bay, Wisconsin. Based on field observations, approximately 30 percent of the soil would be suitable for treatment. The remainder of soil would be landfilled at the Pheasant Run RDF.

5.2.3 Alternative 3: Off-Site Biological Treatment and Off-Site Disposal.

Based on conversations with WMWI, it was assumed for this report that the soil which is not RCRA-hazardous by toxicity characteristic will be amenable to biological treatment. The soil would be stockpiled at the Pheasant Run RDF site until WMI's BioSite™ Facility is operational. It is currently anticipated that the BioSite™ Facility will be operational in the late summer of 1995.

5.2.4 Alternative 4: On-Site Thermal Treatment and Off-Site Disposal.

Under this alternative, soil containing less than 30 percent clay would be treated using a mobile thermal-desorption treatment unit. The remaining soil and construction debris would be disposed of at Pheasant Run RDF following Protocol B characterization. Treated soil would also be disposed at the Pheasant Run RDF because the residuals may contain elevated levels of heavy DRO and metals.

5.3 Comparison of Alternatives.

Key points and differences between the alternatives with respect to the evaluation criteria are discussed below.

5.3.1 Compliance with ELSs.

All four alternatives would comply with applicable ELSs.

5.3.2 Long-Term Effectiveness.

All four alternatives would prevent direct contact, air dispersion, and potential migration to groundwater and surface water by removal of impacted soil from the site. Alternative 2 (off-site thermal treatment/reuse and off-site disposal), however, would be the most protective because concentrations of the various organic chemicals are reduced and inorganic compounds are immobilized prior to disposal or reuse of the soil. The contaminants in the high-clay portion of the soil, however, would not be treated. Therefore, the potential future liability associated with landfilling the majority of impacted soil is minimized. Alternative 3 provides the second highest degree of protection because the majority of organic contaminants are destroyed in all the soil (except soil that is RCRA hazardous by characteristic). Alternative 4 may not treat heavy DRO compounds. Alternatives 3 and 4 do not treat or immobilize heavy metals.

5.3.3 Short-Term Effectiveness.

Increased vehicular traffic and fugitive emissions will be generated under all four alternatives. Additional emissions may also be released during treatment (Alternatives 2, 3, and 4). Potential short-term risks to human health and the environment, however, should be easily controlled through the implementation of a health and safety plan and standard air pollution control techniques.

5.3.4 Implementability.

Although all four alternatives can be easily implemented using standard construction techniques and equipment, soil cannot be removed from the property in time for planned expansion activities under Alternatives 2 and 4. Because the asphalt-batching facility has limited storage space and because the soil would only be used as a fraction of the aggregate, soil would have to remain on-site for several months under Alternative 2. Alternative 4 would require additional time to procure a mobile treatment unit and obtain the necessary approvals for on-site treatment. Furthermore, the thermal treatment unit has a treatment rate of approximately 100–200 cy per day which would extend the required remediation time. Under Alternative 3, the soil would be removed from Chrysler property in time for the Engine Plant

expansion. Treatment, however, cannot commence until the BioSite™ Facility is complete. The Pheasant Run RDF may need to obtain permission to temporarily stockpile the soil.

5.3.5 Restoration Time Frame.

Restoration time frames for this project are dictated primarily by truck capacity and availability, treatment rates, and storage capacity. Estimated times are as follows:

Alternative 1: 4–6 weeks
Alternative 2: 4–6 months
Alternative 3: 4–6 weeks (removal only)
Alternative 4: 5–10 months

5.3.6 Costs.

All four alternatives involve removal of the excavated soil from the Chrysler site. Therefore, operation and maintenance and present worth costs are not applicable. The estimated capital costs are summarized in Table 4. These costs are conceptual and actual remediation costs may vary significantly. Pertinent cost calculations are included in Appendix C. The alternative costs generally increase with the degree of treatment involved. The most expensive alternative (Alternative 4), however, is only the third most effective option.

5.4 Preferred Alternative.

Based on the evaluation of the four interim RA alternatives and their relative strengths and weaknesses, it is recommended that Alternative 3, off-site biological treatment and off-site disposal, be selected for remediating the Engine Plant soil piles. Upon approval of the recommended interim remedial action by the WDNR and subsequent implementation, an interim RA report for the stockpiled soil will be issued as part of the site investigation report for each source area (per NR 708.15).

6.0 REFERENCES

Wisconsin Department of Natural Resources, 1995, Investigation and Remediation of Environmental Contamination: Wisconsin Administrative Code, Chapters NR 700-736.

U.S. EPA, 1983, Hazardous Waste Land Treatment, SW-874, Office of Solid Waste and Emergency Response.

TABLE 1
SUMMARY OF ORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES
INTERIM REMEDIAL ACTION EVALUATION REPORT
CHRYSLER CORPORATION ENGINE PLANT
KENOSHA, WISCONSIN

Compound	Typical Detection Limit (µg/kg)[1,2]	Detection Frequency[3]	Range of Detected Concentrations (µg/kg)[1]
Benzene	5	7/63	5.2–42
n-Butylbenzene	5	20/63	4.4–280
sec-butylbenzene	5	3/63	5.1–39
tert-Butylbenzene	5	1/63	7.4
Chlorbenzene	5	4/63	5.2–610
1,2-Dichlorobenzene	5	6/63	6.4–360
1,3-Dichlorobenzene	5	7/63	5.3–2800
1,4-Dichlorobenzene	5	8/63	5.3–2800
1,1-Dichloroethane	5	2/63	8.8–51
cis-1,2-Dichloroethane	5	37/63	6.6–17000[4]
trans-1,2-Dichloroethane	5	15/63	5.4–200
Ethylbenzene	5	9/63	3.9–120
Isopropylbenzene	5	12/63	5.2–350
p-Isopropyltoluene	5	9/63	6.7–35
Methylene Chloride	5	40/63[5]	50–4900[5]
Naphthalene	5	16/63	1.4–95
n-Propylbenzene	5	2/63	5.1–41
Tetrachloroethene	5	14/63	5.1–120
Toluene	5	20/63	6.7–50
1,2,3-Trichlorobenzene	5	13/63	9.7–590
1,2,4-Trichlorobenzene	5	13/63	5.2–4600
1,1,1-Trichloroethane	5	11/63	5.3–93
1,1,2-Trichloroethane	5	4/63	5.3–140
Trichloroethene	5	39/63	5.6–11000
1,2,4-Trimethylbenzene	5	27/63	5.9–390
1,3,5-Trimethylbenzene	5	19/63	5.0–350
m&p-Xylene	5	15/63	9.9–630
O-Xylene	5	9/63	5.1–240
DRO	10 (mg/kg)	53/71	11–4200 (mg/kg)
GRO	10 (mg/kg)	30/63	11–220 (mg/kg)

[1]Unless otherwise noted

[2]Detection limits were elevated for select samples due to necessary sample dilution.

[3]Number of detections/total number of samples analyzed

[4]Analyte concentration was found to be outside of the established linear range for this compound. The reported value is an approximation only.

[5]Detected methylene chloride concentrations are not believed to be representative of actual soil samples. VOC soil samples were inadvertently packaged and shipped with DRO samples which had been preserved with methylene chloride.

DRO – Diesel Range Organics

GRO – Gasoline Range Organics

µg/kg – micrograms per kilogram

mg/kg – milligrams per kilogram

TABLE 2
SUMMARY OF METALS DETECTED IN SOIL SAMPLES
INTERIM REMEDIAL ACTION EVALUATION REPORT
CHRYSLER CORPORATION ENGINE PLANT
KENOSHA, WISCONSIN

Metal	Typical Detection Limit (mg/kg)	Detection Frequency[1]	Range of Detected Concentrations (mg/kg)
Arsenic	1.0	7/7	1.1–7.1
Barium	5.0	7/7	18–283
Cadmium	0.40	3/7	0.61–6.4
Chromium	2.5	7/7	4.0–93
Lead	0.50	7/7	14–3110
Mercury	0.10	1/7	0.11
Selenium	0.5	0/7	NA
Silver	0.5	0/7	NA

[1]Number of detections/total number of samples analyzed
NA – Not Applicable
mg/kg – milligrams per kilogram

TABLE 3
SUMMARY OF PROTOCOL B DATA
INTERIM REMEDIAL ACTION EVALUATION REPORT
CHRYSLER CORPORATION ENGINE PLANT
KENOSHA, WISCONSIN

Parameter	Units	Detection Limit	Detection Frequency	Range of Detected Concentrations	Landfill Acceptance Limits
pH	units	N/A	N/A	7.81 – 9.23	2.0≥pH≥12.5
Specific Gravity	N/A	N/A	N/A	1.9 – 2.2	N/A
Total Solids	%	N/A	N/A	88 – 97	N/A
Paint Filter Test	% free liquids	N/A	N/A	0	0
Ignitability	°F	N/A	N/A	>200	>140
Chlorine	%	0.1	0/10	N/A	<1
Reactive Sulfide	mg/kg	50	0/10	N/A	<200
Reactive Cyanide	mg/kg	10	0/10	N/A	<200
PCBs	mg/kg	7	0/10	N/A	<50
TCLP Phenol	mg/l	3.0	0/10	N/A	<2000
TCLP Metals:					
Arsenic	mg/l	1.0	0/10	N/A	<5
Barium	mg/l	5.0	0/10	N/A	<100.0
Cadmium	mg/l	0.5	0/10	N/A	<1.0
Chromium	mg/l	1.0	0/10	N/A	<5.0
Copper	mg/l	1.0	1/10	1.6	<100.0
Lead	mg/l	1.0	2/10	1.9 – 12	<5.0
Mercury	mg/l	0.10	0/10	N/A	<0.2
Nickel	mg/l	1.0	0/10	N/A	<35.0
Selenium	mg/l	0.50	0/10	N/A	<1.0
Silver	mg/l	1.0	0/10	N/A	<5.0
Zinc	mg/l	5.0	1/10	14	<200.0
TCLP Semi-Volatiles:					
1,4-Dichlorobenzene	mg/l	2.0	0/10	N/A	<7.5
2,4-Dinitrotoluene	mg/l	0.13	0/10	N/A	<0.13
Hexachlorobenzene	mg/l	0.13	0/10	N/A	<0.13
Hexachloro-1,3-Butadiene	mg/l	0.13	0/10	N/A	<0.5

TABLE 3 (Continued)
SUMMARY OF PROTOCOL B DATA

Parameter	Units	Detection Limit	Detection Frequency	Range of Detected Concentrations	Landfill Acceptance Limits
Hexachloroethane	mg/l	2.0	0/10	N/A	<3.0
Nitrobenzene	mg/l	2.0	0/10	N/A	<2.0
Pyridine	mg/l	2.0	0/10	N/A	<5.0
Total Cresol	mg/l	10	0/10	N/A	<200.0
Pentachlorophenol	mg/l	3.0	0/10	N/A	<100.0
2,4,5-Trichlorophenol	mg/l	2.0	0/10	N/A	<400.0
2,4,6-Trichlorophenol	mg/l	2.0	0/10	N/A	<2.0
TCLP Volatiles:					
Benzene	mg/l	0.15	0/10	N/A	<0.5
Carbon Tetrachloride	mg/l	0.15	0/10	N/A	<0.5
Chlorobenzene	mg/l	0.30	1/10	0.74	<100
Chloroform	mg/l	0.15	0/10	N/A	<6.0
1,2-Dichloroethane	mg/l	0.15	0/10	N/A	<0.5
1,1-Dichloroethylene	mg/l	0.15	0/10	N/A	<0.7
Methyl Ethyl Ketone	mg/l	10	0/10	N/A	<200
Tetrachloroethylene	mg/l	0.15	0/10	N/A	<0.7
Trichloroethylene	mg/l	0.15	0/10	N/A	<0.5
Vinyl Chloride	mg/l	0.15	0/10	N/A	<0.2
Methylene Chloride	µg/kg	5.0	0/3	N/A	N/A

N/A – Not Applicable
mg/kg – milligram per kilogram
mg/l – milligram per liter
PCB – polychlorinated biphenyls
TCLP – toxicity characteristic leaching procedure
°F – degrees Fahrenheit
% – per cent

TABLE 4
SUMMARY OF ALTERNATIVES EVALUATION
INTERIM REMEDIAL ACTION EVALUATION REPORT
CHRYSLER CORPORATION ENGINE PLANT
KENOSHA, WISCONSIN

	Alternative 1: Off-Site Disposal	Alternative 2: Off-Site Treatment and Reuse; Off-Site Disposal	Alternative 3: Off-Site Biological Treatment; Off-Site Disposal	Alternative 4: On-Site Thermal Treatment; Off-Site Disposal
Compliance with Environmental Laws and Standards (ELS)	Complies with ELSs	Complies with ELSs	Complies with ELSs	Complies with ELSs
Long-Term Effectiveness: Expected degree of reduction in toxicity, mobility and volume	On-site volume, toxicity and mobility eliminated. Contaminant toxicity and mobility unchanged.	On-site volume, toxicity and mobility eliminated. VOCs in low-clay content soil permanently destroyed; metals & heavy DRO compounds immobilized. Compound toxicity, mobility and volume in clay unchanged.	On-site volume, toxicity and mobility eliminated. DRO/GRO compounds in soil destroyed. Some halogenated VOCs may be resistant to treatment. Metals are not treated.	On-site volume, toxicity and mobility eliminated. VOCs in low-clay content soil permanently destroyed; metals and heavy DRO compounds are not treated. Compound toxicity, mobility and volume in clay and construction debris unchanged.
Degree of protection over time	Prevents direct contact, air dispersion and migration to groundwater and surface water. Of the four alternatives, provides the smallest degree of protection because no compounds are treated.	Prevents direct contact, air dispersion and migration to groundwater and surface water. Of the four alternatives, provides highest degree of protection because the contaminants in the majority of soil are destroyed or immobilized.	Prevents direct contact, air dispersion and migration to groundwater and surface water. Of the four alternatives, provides the second highest degree of protection because a large portion of the contaminants in the majority of the soil are destroyed.	Prevents direct contact, air dispersion and migration to groundwater and surface water. Of the four alternatives, provides the third highest degree of protection because a large portion of the contaminants in the majority of soil are destroyed.
Short-Term Effectiveness:	Increased dust and noise from vehicular traffic and earthwork machinery. Proper health and safety precautions and appropriate air pollution control measures will minimize potential risk to workers.	Same as Alternative 1, but additional emissions may be generated during treatment.	Same as Alternative 1, but additional emissions may be generated during treatment.	Same as Alternative 1, but additional emissions may be generated during treatment.
Implementability: Technical Feasibility of construction and implementation	Easily implemented using standard construction techniques.	Same as Alternative 1	Same as Alternative 1	Same as Alternative 1
Availability of materials, equipment, technologies and services	Readily available.	Closest permitted facility is in Green Bay. Space to stockpile soil in Green Bay is limited.	Not available until after July. However, soil can be temporarily staged at the site.	Available, but procurement of a mobile treatment unit may require added time. Limited treatment rates would also extend remediation time.
Potential difficulties and unknowns associated with on-site construction	None	None	None	None
Difficulties associated with monitoring effectiveness	None	None	None	None
Ability to obtain licenses, permits or approvals	None anticipated. However, WDNR prefers treatment over off-site disposal.	None	None	None anticipated. Permit for on-site treatment, however, will require additional time.
Restoration time frame	4 – 6 weeks	4 – 6 months	4 – 6 weeks (not including treatment)	5 – 10 months
Estimated Costs	$778,800	$1,147,000	$786,500	$2,439,400

324-21-4
5-23-95

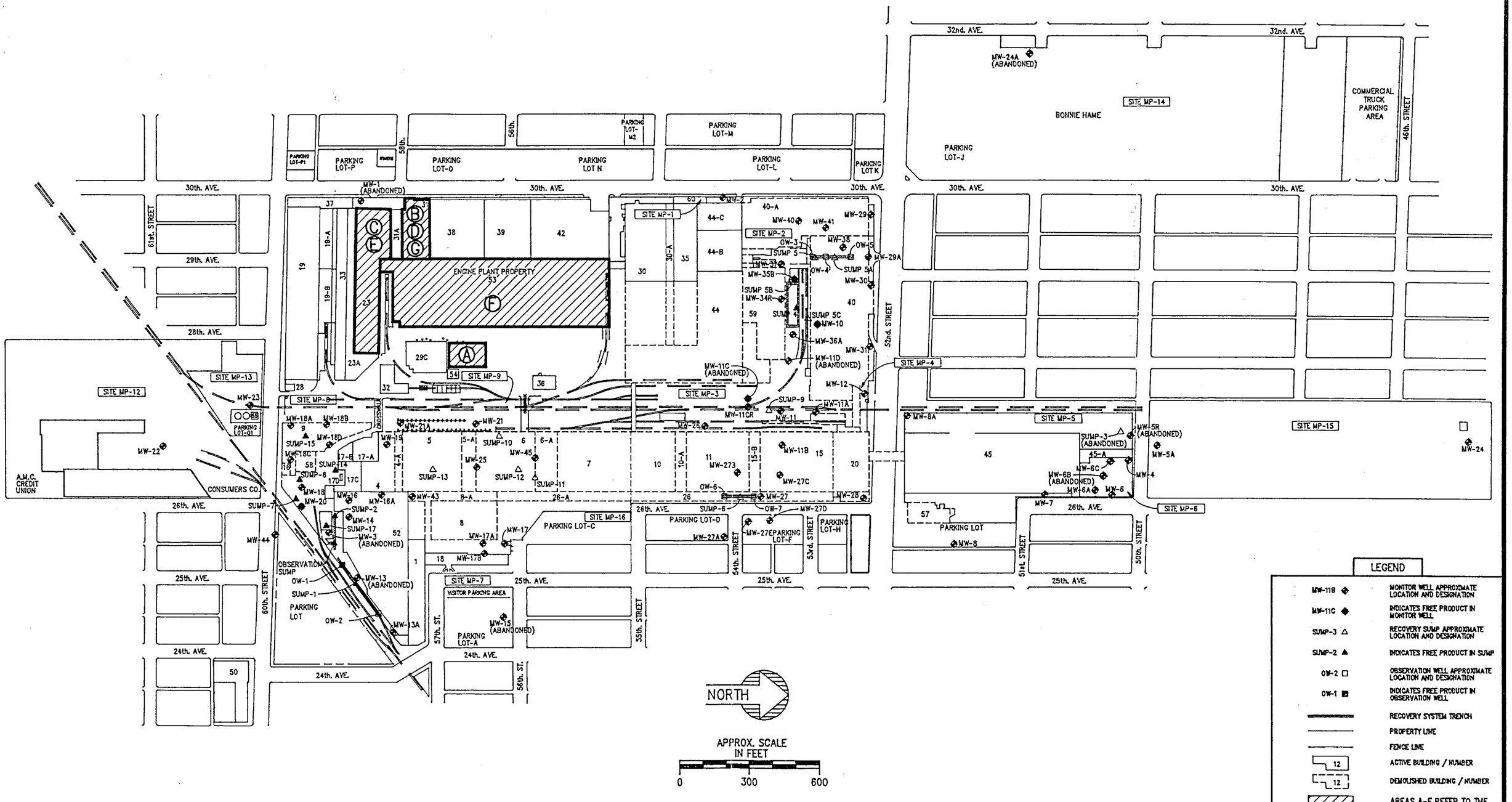

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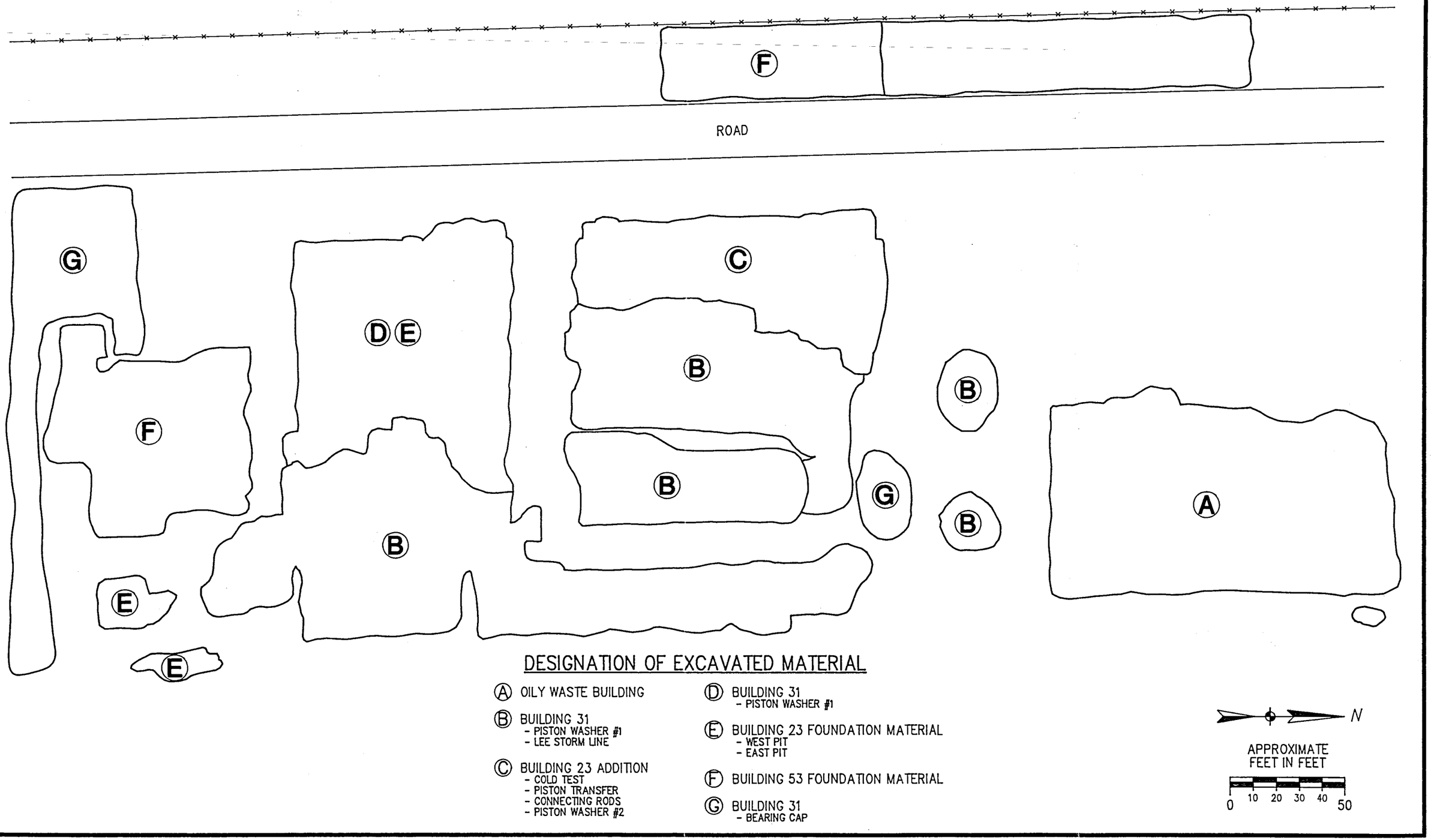
FIGURE 1
CHRYSLER KENOSHA ENGINE AND MAIN PLANT FACILITY LAYOUT

3314-21-1
5-23-95



DESIGNATION OF EXCAVATED MATERIAL

- (A) OILY WASTE BUILDING
- (B) BUILDING 31
  - PISTON WASHER #1
  - LEE STORM LINE
- (C) BUILDING 23 ADDITION
  - COLD TEST
  - PISTON TRANSFER
  - CONNECTING RODS
  - PISTON WASHER #2
- (D) BUILDING 31
  - PISTON WASHER #1
- (E) BUILDING 23 FOUNDATION MATERIAL
  - WEST PIT
  - EAST PIT
- (F) BUILDING 53 FOUNDATION MATERIAL
- (G) BUILDING 31
  - BEARING CAP

N

APPROXIMATE
FEET IN FEET

0 10 20 30 40 50

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ENGINEERING
INCORPORATED

FIGURE 2
CHRYSLER KENOSHA ENGINE
AND MAIN PLANT
SOIL PILE DESIGNATIONS

324-21-2
5-23-95

ROAD

CONCRETE RUBBLE

CONCRETE RUBBLE

CONCRETE RUBBLE

CONCRETE RUBBLE

CONCRETE RUBBLE

CONCRETE RUBBLE

LEGEND

11 — SECTOR LOCATION AND DESIGNATION

48C — SAMPLE LOCATION AND IDENTIFICATION

N

APPROXIMATE FEET IN FEET

0 10 20 30 40 50

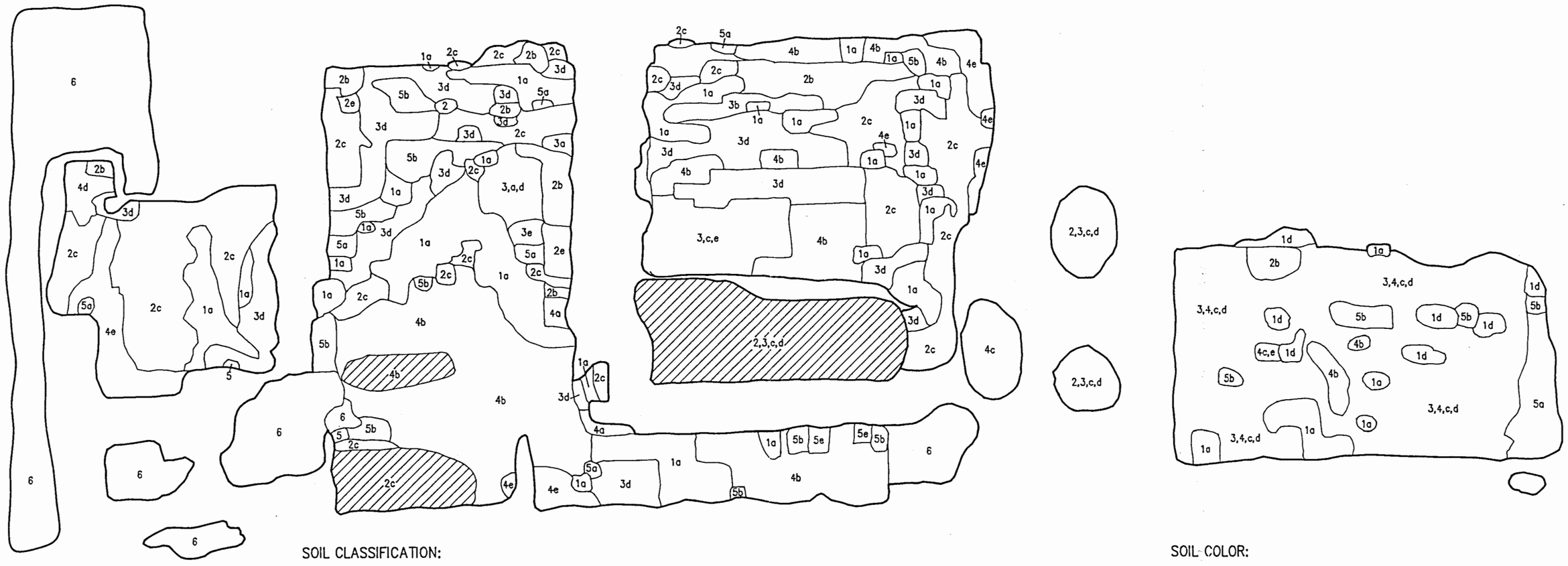
TRIAD ENGINEERING INCORPORATED

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

324-21-3
5-23-95

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

N

APPROXIMATE FEET IN FEET

0 10 20 30 40 50

TRIAD ENGINEERING INCORPORATED

FIGURE 4
CHRYSLER KENOSHA ENGINE AND MAIN PLANT SOIL CLASSIFICATIONS

APPENDIX A

CLASSIFICATION OF EXCAVATED SOIL
AND
SOLID WASTE STORAGE EXEMPTION REQUEST

CHRYSLER CORPORATION

Chrysler Corporation
Featherstone Road Center

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 discreet 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.

2301 Featherstone Road
Auburn Hills MI 48326-2808

Chrysler Corporation
Featherstone Road Center

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

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

W943324\943324.21\943324-B

cc: Curt Chapman/Chrysler
Richard Binder/Triad Engineering

2301 Featherstone Road
Auburn Hills MI 48326-2808

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

	DATE COLLECTED	U.S. EPA METHOD	LAB IDENTIFICATION	SAMPLE RESULTS (in micrograms per kilogram)																																					
				BENZENE	n-BUTYLBENZENE	sec-BUTYLBENZENE	tert-BUTYLBENZENE	CHLOROBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1,1-DICHLOROETHANE	1,2-DICHLOROETHANE	1,1-DICHLOROETHENE	cis-1,2-DICHLOROETHENE	trans-1,2-DICHLOROETHENE	ETHYL BENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	p-ISOPROPYLTOLUENE	METHYLENE CHLORIDE	METHYL TERT-BUTYL ETHER	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	VINYL CHLORIDE	m & p-XYLENE	o-XYLENE	DRO (mg/kg)	GRO (mg/kg)
	3/30/95	8260A	50403020	<5	16	<5	<5	<5	<5	<5	<5	<5	<5	<5	120	<5	<5	<5	<5	<5	<5	<50	<5	<5	7.9	10	<5	<5	<5	5.3	420	35	<5	<5	<10	<5	24	<10
	3/30/95	8260A	50403021	<5	12	<5	<5	<5	<5	<5	<5	<5	<5	<5	54	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	17	<5	<5	<5	<5	160	29	5.1	<5	<10	<5	21	<10
	3/30/95	8260A	50403022	<5	14	<5	<5	<5	13	<5	<5	18	<5	<5	150	<5	<5	<5	<5	<5	<5	<50	<5	<5	8.4	16	<5	<5	<5	8.8	440	34	<5	<5	<10	<5	<10	<10
	3/30/95	8260A	50403023	5.7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	630	<5	<5	<5	<5	<5	<5	<50	<5	<5	20	11	<5	<5	<5	8.5	540*	7.8	<5	<5	<10	<5	35	<10
	3/30/95	8260A	50403024	42	<5	<5	<5	<5	19	61	68	<5	<5	<5	1100*	<5	<5	<5	<5	11	<5	<50	<5	<5	6.5	72	<5	<5	42	<5	150	8.4	<5	<5	<10	<5	<10	<10
	3/30/95	8260A	50403025	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	9.7	<5	<5	<5	<5	10	<5	<50	<5	<5	6.6	<5	<5	<5	<5	6.6	13	<5	<5	<10	<5	480	<10
	3/30/95	8260A	50403026	57	14	<5	<5	<5	<5	<5	<5	<5	<5	<5	170	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	6.8	<5	<5	<5	<5	<5	17	<5	<5	<10	<5	730	<10
	3/30/95	NA	50403027	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	NA	NA	NA	NA	NA
	4/5/95	8260A	50407049	<5	4.4	<5	<5	<5	<5	<5	<5	<5	<5	<5	900*	13	<5	<5	<5	<5	<5	<50	<5	<5	<5	6.8	11	10	<5	<5	42	<5	<5	<5	<10	<5	<10	<10
	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	NA	NA	NA	NA	1600	NA
	4/5/95	8260A	50407052	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1400*	180	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	370	<5	<5	<5	<10	<5	<10	<10
	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	NA	NA	NA	1200	NA
	4/5/95	8260A	50407054	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	9100*	200	<5	<5	<5	<5	<5	55	<50	<5	<5	<5	19	19	31	<5	<5	11000*	<5	<5	<5	<10	<5	<10	14
	4/5/95	8260A	50407055	<5	<5	<5	<5	<5	18	100	120	8.8	<5	<5	2500*	51	<5	<5	<5	<5	<5	<5	<50	5.6	<5	5.1	<5	91	790*	85	<5	960*	<5	<5	<5	<10	<5	<10	<10
	4/5/95	8260A	50407056	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	160	<5	<5	<5	<5	<5	<5	<50	49	<5	<5	9.1	<5	<5	<5	<5	240*	<5	<5	<5	<10	<5	1700	<10
	4/5/95	8260A	50407057	6.1	<5	<5	<5	<5	27	170	140	<5	<5	<5	1400*	21	<5	<5	<5	<5	<5	<50	5.2	<5	8.2	<5	130	1100*	52	<5	260*	<5	<5	<5	<10	<5	150	<10
	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	NA	NA	NA	NA	970	NA
	4/5/95	8260A	50407059	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	3600*	140	<5	<5	<5	<5	<5	50	<50	<5	<5	<5	<5	<5	8.0	<5	16	<5	<5	<5	<10	<5	580	<10
	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	NA	NA	NA	NA	3700	NA
	4/5/95	8260A	50407061	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000*	32	<5	<5	<5	<5	<5	110	<50	1.4	<5	8.5	8.5	0.7	16	<5	<5	1300*	<5	<5	<5	<10	<5	440	<10
	4/5/95	8260A	50407062	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	1500	<10
	4/6/95	8260A	50410001	<5	7.3	<5	<5	<5	<5	<5	<5	<5	<5	<5	110	<5	<5	<5	<5	<5	<5	210	<50	<5	<5	<5	<5	<5	5.8	<5	35	12	<5	<5	<5	<10	<5	1700	<10
	4/6/95	8260A	50410002	<5	7.4	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	310	<50	<5	<5	<5	18	<5	<5	8.2	<5	<5	<5	<5	19	6.3	700	<10
	4/6/95	8260A	50410003	<5	13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1300	<50	11	<5	<5	<5	12	5.2	<5	<5	11	<5	<5	<10	<5	440	15
	4/6/95	8260A	50410004	<5	23	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6.7	200	<50	17	<5	12	7.4	19	19	5.9	<5	<5	29	<5	<5	<10	<5	160	14
	4/6/95	8260A	50410005	<5	44	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	14	100	<50	29	<5	<5	<5	<5	<5	<5	<5	<5	30	11	<5	<10	<5	1700	14
	4/6/95	8260A	50410006	<5	34	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	17	880	<50	33	5.1	<5	<5	<5	<5	<5	<5	<5	31	<5	<5	<10	<5	960	18
	4/6/95	8260A	50410007	<5	5.9	11	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	450	<50	<5	<5	<5	6.6	<5	<5	93	<5	7.6	35	20	<5	10	<5	43	<10
	4/6/95	8260A	50410008	<5	50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	7.8	35	380	<50	28	<5	19	<5	<5	<5	5.3	<5	<5	<5	8.5	19	<5	10	<5	1700	11
	4/6/95	8260A	50410009	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	610	<50	<50	<50	<50	<50	370	<50	1700	<50	<50	<50	<50	<50	<50	<50	220	<50	<50	<50	<50	<50	490	80
	4/6/95	8260A	50410010	<5	6.9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	280	<50	6.9	<5	<5	<5	<5	<5	<5	<5	<5	8	<5	<5	<5	<5	870	28
	4/6/95	8260A	50410011	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	350	48	<5	<5	<5	<5	160	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	5.9	<5	<5	<5	<5	950	17
	4/7/95	8260A	50410014	<5	34	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	18	160	<50	18	<5	<5	<5	<5	<5	<5	<5	5.6	37	17	<5	<5	<5	28	14
	4/7/95	8260A	50410015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	47	<5	<5	<5	<5	<5	520	<50	<5	<5	<5	<5	<5	<5	<5	<5	390	<5	<5	<5	<5	<5	11	<10
	4/7/95	8260A	50410016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1500	<50	20	<5	<5	<5	20	8.7	<5	<5	25	<5	<5	<5	<5	<5	920	<10
	4/7/95	8260A	50410017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	300	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1400	<10
	4/7/95	8260A	50410018	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	17	<5	<5	<5	<5	<5	2200	<50	32	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	4200	<10
	4/7/95	8260A	50410019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	150	<5	<5	<5	<5	<5	560	<50	<5	<5	<5	<5	<5	<5	<5	<5	320	<5	<5	<5	<5	<5	<10	<10
	4/7/95	8260A	50410021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	150	<5	<5	<5	<5	<5	390	<50	<5	<5	<5	<5	<5	<5	<5	<5	7.5	<5	<5	<5	<5	<5	<10	<10
	4/7/95	8260A	50410022	15	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	10	<5	350	<5	1900	<50	<5	<5	<5	6.7	<5	<5	<5	<5	350	<5	21	10	<10	220
	4/7/95	8260A	50410023	<5	<5	<5	<5	150	17	38	39	<5	<5	<5	200	<5	3.9	<5	5.2	<5	2700	<50	95	<5	<5	<5	<5	100	72	<5	1700	<5	5.2	<5	14	<5	<10	15
	4/7/95	8260A	50410024	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	650	14	8.4	<5	82	<5	3900	<50	<5	<5	<5	<5	58	<5	<5	<5	430	60	92	<5	28	28	170	<10
	4/7/95	8260A	50410025	<5	280	39	7.4	52	<5	12	13	<5	<5	<5	13	<5	120	<5	41	<5	530	<50	21	41	<5	8.6	<5	<5	<5	<5	370	300	250	<5	630	240	1400	33
	4/7/95	8260A	50410026	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	24	<5	<5	<5	12	<5	2800	<50	<5	<5	<5	<5	<5	<5	49	<5	22	<5	12	<5	9.9	<5	550	26
	4/7/95	8260A	50410027	<5	<5	<5	<5	610	360	2800	2800	<5	<5	<5	13	<5	12	<5	54	<5	1200	<50	<5	<5	<5	<5	590	4600	<5	<5	92	9.7	65	<5	47	11	92	50
	4/7/95	8260A	50410029	<5	16	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	170	<50	<5	<5	<5	<5	15	<5	7.7	<5	23	26	5.2	<5	10	<5	1200	31
	4/7/95	8260A	50410030	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	25	<5	<5	<5	<5	<5	4800	<50	<5	<5	<5	<5	130	230	16	<5	<5	<5	<5	<5	9	<5	55	27
	4/7/95	8260A	50410031	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	420	5.4	<5	<5	<5	<5	2,200	<50	<5	<5	<5	<5	<5	<5	7.9	<5	12	<5	<5	<5	<5	<5	<10	<10
	4/7/95	8260A	50410032	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	15	<5	3100	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1300	<10
	4/10/95	8260A	50411002	8.9	<5	<5	<5	<5	6.4	5.3	5.3	<5	<5	<5	<5	6.7	<5	<5	15	<5	3700	<50	<5	<5	<5	50	18	<5	<5	<5	27	15	16	<5	18	<5	<10	<10
	4/10/95	8260A	50411003	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6300	65	<5	<5	<5	<5	4900	<50	<5	<5	18	<5	<5	<5	<5	<5	5700	<5	<5	<5	<5	<5	55	29
	4/10/95	8260A	50411004	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1200	5.5	11	<5	18	<5	2400	<50	<5	<5	12	<5	<5	<5	<5	<5	770	9.5	19	<5	<5	<5	350	63
	4/10/95	8260A	50411006	<5	<5	<5	<5	<5	<5	<5	51	<5	<5	<5	17000*	190	72	<5	160	<5	3100	<50	<5	<5	120	27	<5	<5	<5	140	1900	230	160	<5	31	44	210	110
	4/10/95	8260A	50411006	5.2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1400	57	5.9	<5	82	<5	4400	<50	<5	<5	<5	13	<5	<5	<5	<5	110	19	<5	<5	14	14	640	34
	4/10/95	8260A	50411007	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	110	9	12	<5	340	<5	950	<50	<5	<5	<5	<5	<5	<5	<5	<5	520	25	340	<5	16	6.5	230	47
	4/10/95	8260CA	50411003	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1300	13	<5	<5	<5	<5	1600	<50	<5	<5	<5	<5	<5	<5	<5	<5	3000	<5	<5	<5	<10	<5	13	25
	4/10/95	8260CA	50411003	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	68	<5	<5	<5	<5	<5	820	<50	<5	<5	<5	<5	<5	<5	<5	<5	47	<5	<5	<5	<5	<5	<10	47

CHRYSLER COR' ION
KENOSHA MAIN PLANT, KE , WISCONSIN
SOIL PILE CHARACT...ZATION
SUMMARY OF DETECTED VOLATILE ORGANIC COMPOUNDS IN SOILS

DATE COLLECTED	U.S. EPA METHOD	LAB IDENTIFICATION[1]	SAMPLE RESULTS (in micrograms per kilogram)																																			
			BENZENE	n-BUTYLBENZENE	sec-BUTYLBENZENE	tert-BUTYLBENZENE	CHLOROBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1,1-DICHLOROETHANE	1,2-DICHLOROETHANE	1,1-DICHLOROETHENE	cis-1,2-DICHLOROETHENE	trans-1,2-DICHLOROETHENE	ETHYL BENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	p-ISOPROPYLTOLUENE	METHYLENE CHLORIDE	METHYL TERT-BUTYL ETHER	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	VINYL CHLORIDE	m & p-XYLENE	o-XYLENE	DRO (mg/kg)	ORO (mg/kg)
4/10/95	8260A	504110010	<5	<5	<5	<5	17	<5	<5	<5	<5	<5	<5	1400	22	<5	<5	<5	<5	1600	50	<5	<5	17	<5	<5	<5	<5	<5	5000	<5	<5	<5	<5	<10	<5	28
5/9/95	8260A	505100035	<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	<5	<5	<5	<5	<5	<10	1100	14
5/9/95	8260A	505100036	<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	<5	<5	<5	<5	<5	<10	11	13
5/9/95	8260A	505100037	<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	<5	<5	<5	<5	<5	<10	<10	<10
5/9/95	8260A	505100038	<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	<5	<5	<5	<10	<5	10	<10
5/9/95	8260A	505100039	<5	12	21	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5.2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	8.3	<5	<5	<5	<10	5.1	1900	31
5/9/95	8260A	505100040	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	28	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	35	17	5	<5	<10	<5	1900	<10
5/9/95	8260A	505100041	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	17	<5	<5	<5	<5	<5	<5	9	<5	<5	<5	<5	7.7	15	<5	<5	11	<5	300	220
5/9/95	8260A	505100042	<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	<5	<5	<5	<5	<5	<10	<5	21	21
5/9/95	8260A	505100043	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	NA	NA	NA	NA	NA

...ayer concentration was found to be outside of the established linear range of quantitation for this compound. The reported value is an approximation only.
...ses Performed by Midwest Analytical Services, Inc., (MAS), Metropolitan Center for High Technology, 2727 Second Avenue, Detroit, Michigan 48201 (WDNR Lab Id No. 999941580).
...ted methylene chloride concentrations are not believed to be representative of actual soil samples. VOC soil samples were inadvertently packaged and shipped with DRO soil samples which had been preserved with methylene chloride. It is believed ...
...he VOC soil samples were contaminated with methylene chloride during shipping.
...Analyzed

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

SAMPLE I.D.	DATE COLLECTED	LAB IDENTIFFCATION[1]	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[2]			1.6	NE	510	200	500	NE	NE	NE
U.S. EPA Common Background Range[3]			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[3]			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. 999941580).

(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

June 5, 1995

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

RE: Solid Waste Storage Exemption for Stockpiled Soils
Chrysler Corporation – Kenosha Engine Plant

Dear Ms. Mylotta:

Per our telephone conversation of May 22, 1995, Chrysler Corporation (Chrysler), respectfully requests an exemption, under NR 500.08(4), Wisconsin Administrative Code (WAC), to the Solid Waste Storage requirements of NR 500 - 522, WAC. This letter demonstrates that the exemption will not cause environmental pollution as defined in s. 144.01(3) Statutes. Approximately 20,000 yards of stockpiled soil is the result of construction and expansion at the Chrysler facility. Stockpiled soil has been grouped by area of origin (Figure 1), separated into various pile designations (Figure 2), sampled for volatile organic compounds, and diesel and gasoline range organics (Figure 3, Table 1), and classified for soil content (Figure 4). The soil is scheduled to be treated and/or disposed within the next two months. An evaluation of remedial treatment and disposal options will be submitted under separate cover to the WDNR at a later date.

The request for exemption is based on laboratory analytical results (Figure 3, Table 1), current temporary storage on a relatively impermeable surface (concrete) and the criteria set forth in NR 502.04.

The stockpiled soil is not located within:

- 1,000 feet of any navigable lake, pond, or flowage;
- 300 feet of any navigable river or stream;
- a floodplain;
- 1,000 feet of the nearest edge of the right-of-way of any state trunk highway, interstate or federal aid primary highway, or the boundary of any public park; or
- 1,200 feet of any public or private water supply well.

In addition, the stockpiled soil will not cause:

- A significant adverse impact on wetlands;
- A significant adverse impact on critical habitat areas;

- A detrimental effect on any surface water;
- A detrimental effect on groundwater quality, or exacerbate an attainment or exceedance of any preventive action limit or enforcement standard at a point of standards application as defined in ch. NR 140;
- The migration and concentration of explosive gases in any facility structures, or in the soils, or in the air at or beyond the facility property boundary in excess of 25% of the lower explosive limit for such gases of any time; or
- The emissions of any hazardous air contaminants exceeding the limitations for those substances contained in s. NR 445.03.

Chrysler appreciates your time and attention to this matter. If you have any questions or require additional information, please do not hesitate to call.

Sincerely,

CHRYSLER CORPORATION

Curtis Chapman

CC:mo
W943324\943324.21\943324-A

cc: Mr. Ken Hein\WDNR

T

SOIL PILE C[illegible] ERIZATION

SUMMARY OF DETECTED VOLA[illegible] ORGANIC COMPOUNDS IN SOILS

CHRYSLER CORPORATION

KENOSHA MAIN PLANT, KENOSHA, WISCONSIN

SAMPLE I.D.	DATE COLLECTED	U.S. EPA METHOD	LAB IDENTIFICATION[1]	SAMPLE RESULTS (in micrograms per kilogram)																																				
				BENZENE	n-BUTYLBENZENE	sec-BUTYLBENZENE	tert-BUTYLBENZENE	CHLOROBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1,1-DICHLOROETHANE	1,2-DICHLOROETHANE	1,1-DICHLOROETHENE	cis-1,2-DICHLOROETHENE	trans-1,2-DICHLOROETHENE	ETHYL BENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	p-ISOPROPYLTOLUENE	METHYLENE CHLORIDE[2]	METHYL TERT BUTYL ETHER	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	VINYL CHLORIDE	m & p-XYLENE	o-XYLENE	DRO (mg/kg)	GRO (mg/kg)
1D	3/30/95	8260A	50403020	<5	16	<5	<5	<5	<5	<5	<5	<5	<5	<5	120	<5	<5	<5	<5	<5	<5	<50	<5	<5	7.9	10	<5	<5	5.3	420	35	<5	<5	<10	<5	24	<10
1D2	3/30/95	8260A	50403024	42	<5	<5	<5	<5	19	61	68	<5	<5	<5	1100*	<5	<5	<5	<5	<5	11	<5	<50	<5	<5	6.5	7.2	<5	<5	42	<5	150	8.4	<5	<5	<10	<5	<10	<10
2E	3/30/95	8260A	50403021	<5	12	<5	<5	<5	<5	<5	<5	<5	<5	<5	54	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	17	<5	<5	<5	<5	160	29	5.1	<5	<10	<5	21	<10
4A	3/30/95	8260A	50403023	5.7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	630	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	20	11	<5	<5	<5	6.5	540*	7.6	<5	<5	<10	<5	35	<10
5E	3/30/95	8260A	50403022	<5	14	<5	<5	<5	13	<5	18	<5	<5	<5	150	<5	<5	<5	<5	<5	<5	<50	<5	<5	8.4	16	<5	<5	<5	8.8	440	34	<5	<5	<10	<5	<10	<10
6B	3/30/95	8260A	50403025	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	9.7	<5	<5	<5	<5	10	<5	<50	<5	<5	6.6	<5	<5	<5	<5	<5	6.6	13	<5	<5	<10	<5	480	<10
6F	3/30/95	8260A	50403026	5.7	14	<5	<5	<5	<5	<5	<5	<5	<5	<5	170	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	6.8	<5	<5	<5	<5	<5	17	<5	<5	<10	<5	730	<10
7B	4/5/95	8260A	50407049	<5	4.4	<5	<5	<5	<5	<5	<5	<5	<5	<5	930*	13	<5	<5	<5	<5	<5	<50	<5	<5	6.8	11	10	<5	<5	42	<5	<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	NA	NA	NA	1600	NA
9E	4/5/95	8260A	50407052	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1400*	180	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	370	<5	<5	<5	<10	<5	<10	<10
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	NA	NA	1200	NA
10G	4/5/95	8260A	50407054	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	9100*	200	<5	<5	<5	<5	55	<50	<5	<5	<5	19	19	31	<5	<5	11000*	<5	<5	<5	<10	<5	<10	14
11B	4/5/95	8260A	50407055	<5	<5	<5	<5	<5	18	100	120	8.8	<5	<5	2500*	51	<5	<5	<5	<5	<5	<50	5.6	<5	5.1	<5	91	790*	85	<5	960*	<5	<5	<5	<10	<5	<10	<10
11C	4/5/95	8260A	50407062	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	1500	<10
12B	4/5/95	8260A	50407056	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	160	<5	<5	<5	<5	<5	<5	<50	49	<5	<5	9.1	<5	<5	<5	<5	240*	<5	<5	<5	<10	<5	1700	<10
13A	4/5/95	8260A	50407057	6.1	<5	<5	<5	<5	27	170	140	<5	<5	<5	1400*	21	<5	<5	<5	<5	<5	<50	5.2	<5	6.2	<5	130	1100*	52	<5	260*	<5	<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	NA	NA	NA	970	NA
14A	4/5/95	8260A	50407059	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	3600*	140	<5	<5	<5	<5	50	<50	<5	<5	<5	<5	<5	<5	8.0	<5	16	<5	<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	NA	NA	NA	3700	NA
15E	4/5/95	8260A	50407061	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000*	32	<5	<5	<5	<5	110	<50	1.4	<5	6.5	8.5	9.7	16	<5	<5	1300*	<5	<5	<5	<10	<5	440	<10
16A	4/6/95	8260A	50410001	<5	7.3	<5	<5	<5	<5	<5	<5	<5	<5	<5	110	<5	<5	<5	<5	<5	210	<50	<5	<5	<5	<5	<5	5.8	<5	<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	<5	<5	310	<50	<5	<5	<5	18	<5	<5	8.2	<5	<5	<5	<5	<5	19	6.3	790	<10
18F	4/6/95	8260A	50410003	<5	13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1300	<50	11	<5	<5	<5	12	5.2	<5	<5	11	<5	<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	<5	<5	6.7	280	<50	17	<5	12	7.4	19	19	5.9	<5	<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	<5	<5	14	100	<50	29	<5	<5	<5	<5	<5	<5	<5	30	11	<5	<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	<5	<5	17	880	<50	33	5.1	<5	<5	<5	<5	<5	<5	31	<5	<5	<5	<10	<5	960	18
22E	4/6/95	8260A	50410007	<5	5.9	11	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	450	<50	<5	<5	<5	6.6	<5	<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	<5	<5	7.8	35	380	<50	28	<5	19	<5	<5	<5	5.3	<5	<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	<50	370	<50	1700	<50	<50	<50	<50	<50	<50	<50	220	<50	<50	<50	<50	<50	490	80
25E	4/6/95	8260A	50410010	<5	6.9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	260	<50	6.9	<5	<5	<5	<5	<5	<5	<5	8	<5	<5	<5	<5	<5	870	28
26E	4/6/95	8260A	50410011	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	350	<5	<5	<5	<5	<5	160	<50	<5	<5	<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	<5	<5	1500	<50	28	<5	<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	<5	<5	18	160	<50	16	<5	<5	<5	<5	<5	<5	<5	5.6	37	17	<5	<5	<5	26	14
29A	4/7/95	8260A	50410015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	47	<5	<5	<5	<5	<5	520	<50	<5	<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	150	<5	<5	<5	<5	<5	560	<50	<5	<5	<5	<5	<5	<5	<5	<5	320	<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	<5	<5	<5	300	<50	<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	17	<5	<5	<5	<5	<5	2200	<50	32	<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	<5	<5	3100	<50	<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	<5	150	<5	<5	<5	<5	<5	360	<50	<5	<5	<5	9	<5	<5	<5	<5	7.5	<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	<5	10	<5	350	<5	1900	<50	<5	<5	<5	6.7	<5	<5	<5	<5	<5	<5	350	<5	21	10	<10	220
36B	4/7/95	8260A	50410023	<5	<5	<5	<5	150	17	38	38	<5	<5	<5	200	<5	3.9	<5	5.2	<5	2700	<50	95	<5	<5	<5	100	72	<5	<5	1700	<5	5.2	<5	14	<5	<10	15
37E	4/7/95	8260A	50410024	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	650	14	8.4	<5	92	<5	3900	<50	<5	<5	<5	<5	58	<5	<5	<5	430	63	92	<5	28	26	170	<10
38C	4/7/95	8260A	50410025	<5	280	39	7.4	5.2	<5	12	13	<5	<5	<5	13	<5	120	<5	41	<5	530	<50	21	41	<5	8.6	<5	<5	<5	<5	370	390	250	<5	630	240	1400	33
39E	4/7/95	8260A	50410026	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	24	<5	<5	<5	12	<5	2800	<50	<5	<5	<5	<5	<5	<5	49	<5	22	<5	12	<5	9.9	<5	550	26
40D	4/7/95	8260A	50410027	<5	<5	<5	<5	610	360	2800	2800	<5	<5	<5	13	<5	12	<5	54	<5	1200	<50	<5	<5	<5	<5	590	4600	<5	<5	92	9.7	55	<5	47	11	92	50
41E	4/7/95	8260A	50410030	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	25	<5	<5	<5	<5	<5	4800	<50	<5	<5	<5	<5	130	230	16	<5	<5	<5	<5	<5	9	<5	55	27
42C	4/7/95	8260A	50410031	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	420	5.4	<5	<5	<5	<5	2,200	<50	<5	<5	<5	<5	<5	7.9	<5	<5	12	<5	<5	<5	<5	<5	<10	<10
43A	4/10/95	8260A	50411002	8.9	<5	<5	<5	<5	6.4	5.3	5.3	<5	<5	<5	<5	6.7	<5	<5	15	<5	3700	<50	<5	<5	<5	50	18	<5	<5	<5	27	15	16	<5	16	<5	<10	<10
44D	4/10/95	8260A	50411003	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6300	65	<5	<5	<5	<5	4900	<50	<5	<5	18	<5	<5	<5	<5	<5	5700	<5	<5	<5	<5	<5	55	29
45G	4/10/95	8260A	50411005	<5	<5	<5	<5	<5	<5	<5	<5	51	<5	<5	17000*	190	72	<5	160	<5	3100	<50	<5	<5	120	27	<5	<5	<5	140	1900	230	160	<5	31	44	210	110
46F	4/10/95	8260A	50411004	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1200	5.5	11	<5	19	<5	2400	<50	<5	<5	12	<5	<5	<5	<5	<5	770	9.5	19	<5	<5	<5	350	63
47B	4/10/95	8260A	50411006	5.2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1400	57	9.9	<5	82	<5	4400	<50	<5	<5	<5	13	<5	<5	<5	<5	110	19	<5	<5	14	14	640	34
48C	4/10/95	8260A	50411010	<5	<5	<5	<5	17	<5	<5	<5	<5	<5	<5	1400	22	<5	<5	<5	<5	1600	<50	<5	<5	17	<5	<5	<5	<5	<5	5900	<5	<5	<5	<5	<5	<10	28
49D	4/10/95	8260A	50411008	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1300	13	<5	<5	<5	<5	1600	<50	<5	<5	<5	<5	<5	<5	<5	<5	3000	<5	<5	<5	<10	<5	13	29
51E	4/10/95	8260A	50411009	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6.6	<5	<5	<5	<5	<5	820	<50	<5	<5	<5	<5	<5	<5	<5	<5	47	<5	<5	<5	<5	<5	<10	47
52B	4/10/95	8260A	50411007	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	110	9	12	<5	340	<5	950	<50	<5	<5	<5	<5	<5	<5	<5	<5	520	25	340	<5	16	6.5	230	47
53A	4/7/95	8260A	50410029	<5	16	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	170	<50	<5	<5	<5	15	<5	<5	7.7	<5	23	26	5.2	<5	10	<5	1200	31

CHRYSLE[illegible]ORATION
KENOSHA MAIN PLA[illegible]NOSHA, WISCONSIN

SAMPLE I.D.	DATE COLLECTED	U.S. EPA METHOD	LAB IDENTIFICATION[1]	SAMPLE RESULTS (in micrograms per kilogram)																																					
				BENZENE	n-BUTYLBENZENE	sec-BUTYLBENZENE	tert-BUTYLBENZENE	CHLOROBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1,1-DICHLOROETHANE	1,2-DICHLOROETHANE	1,1-DICHLOROETHENE	cis-1,2-DICHLOROETHENE	trans-1,2-DICHLOROETHENE	ETHYL BENZENE	HEXACHLOROBUTADIENE	ISOPROPYLBENZENE	p-ISOPROPYLTOLUENE	METHYLENE CHLORIDE[2]	METHYL TERT BUTYL ETHER	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	VINYL CHLORIDE	m & p-XYLENE	o-XYLENE	DRO (mg/kg)	GRO (mg/kg)
54B	5/9/95	8260A	50510035	<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	<5	<5	<5	<10	<5	1100	14
55D	5/9/95	8260A	50510036	<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	<5	<5	<5	<10	<5	11	13
56A	5/9/95	8260A	50510037	<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	<5	<5	<5	<10	<5	<10	<10
57A	5/9/95	8260A	50510038	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6.2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	10	6.3	<5	<5	<10	<5	10	<10
58E	5/9/95	8260A	50510039	<5	12	5.1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90	<5	<5	<5	<5	<5	<5	<5	<5	<5	35	17	<5	<10	5.1	1900	31
59E	5/9/95	8260A	50510040	<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	<5	5	<5	<10	<5	1900	<10
60C	5/9/95	8260A	50510041	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	17	<5	<5	<5	<5	<5	9	<5	<5	<5	7.7	15	<5	11	<5	300	220
61A	5/9/95	8260A	50510042	<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	<5	<5	<5	<10	<5	21	21
MeOH Blank	3/30/95	NA	50403027	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	NA	NA	<10
MeOH Blank	5/9/95	8260A	50510043	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	NA	NA	<10

* 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.

(1) Analysis Performed by Midwest Analytical Services, Inc., (MAS), Metropolitan Center for High Technology, 2727 Second Avenue, Detroit, Michigan 48201 (WDNR Lab Id No. 999941580).

(2) Detected methylene chloride concentrations are not believed to be representative of actual soil samples. VOC soil samples were inadvertantly packaged and shipped with DRO soil samples which had been preserved with methylene chloride. It is believed that the VOC soil samples were contaminated with methylene chloride during shipping.

NA - Not Analyzed

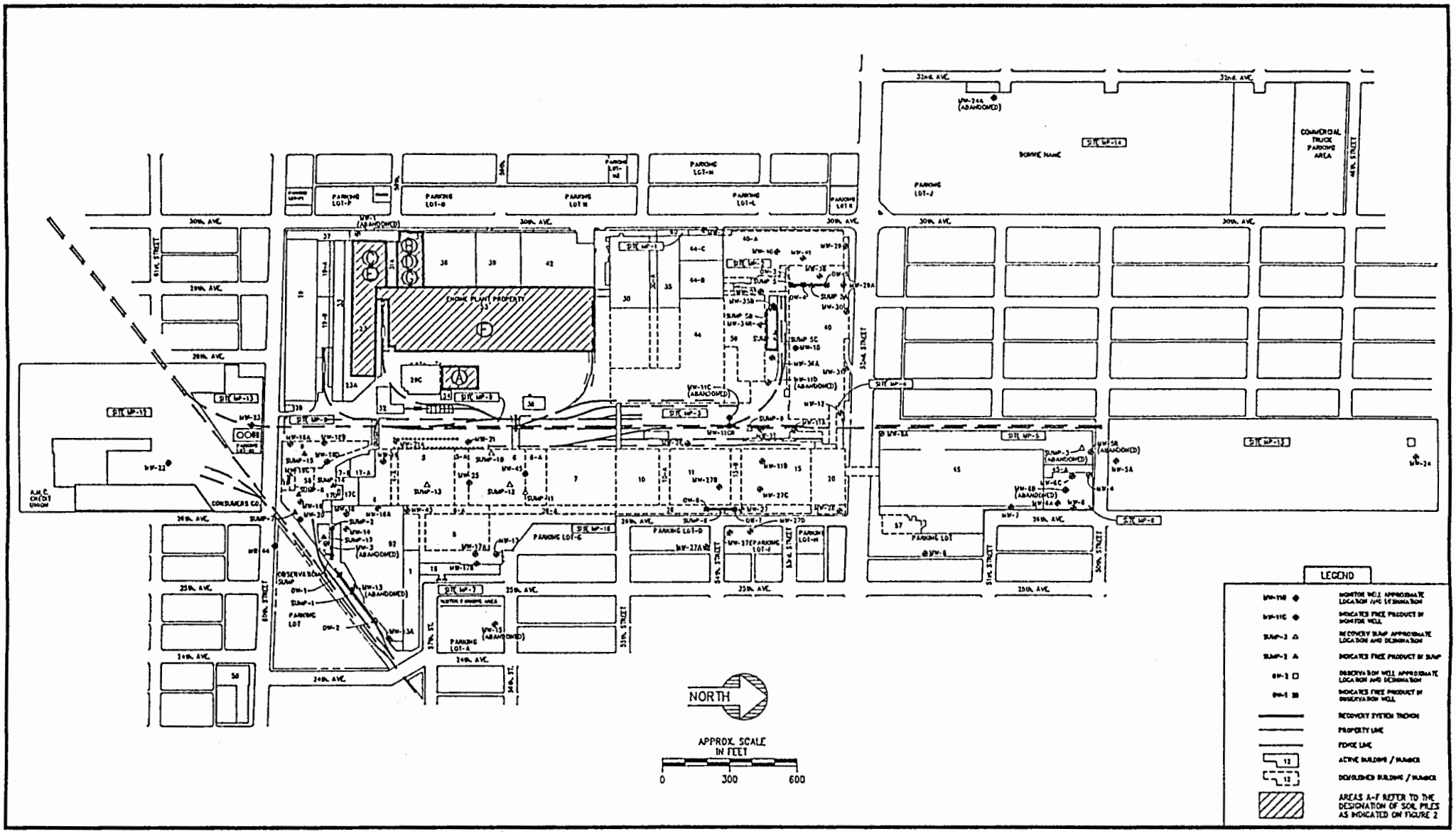


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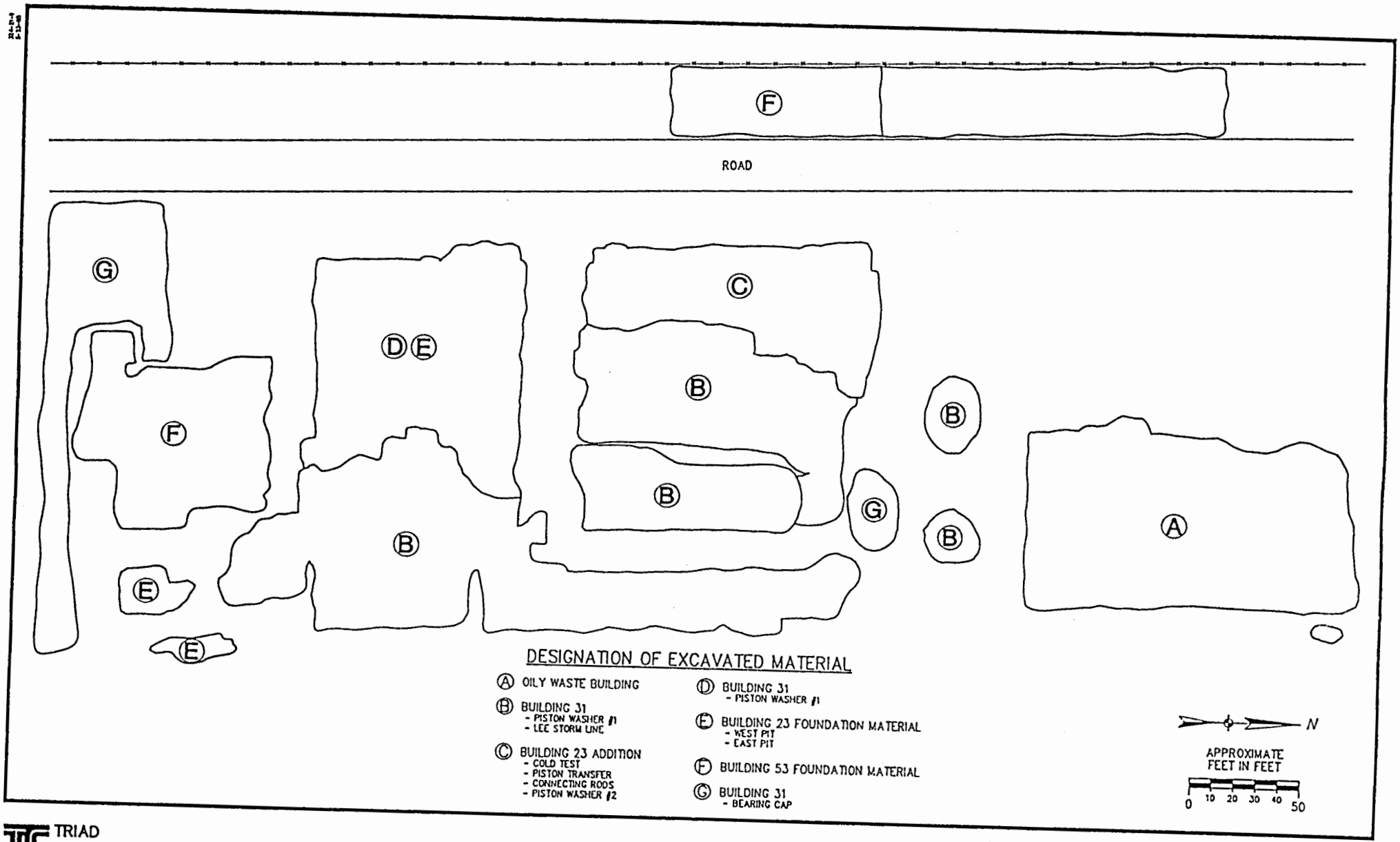
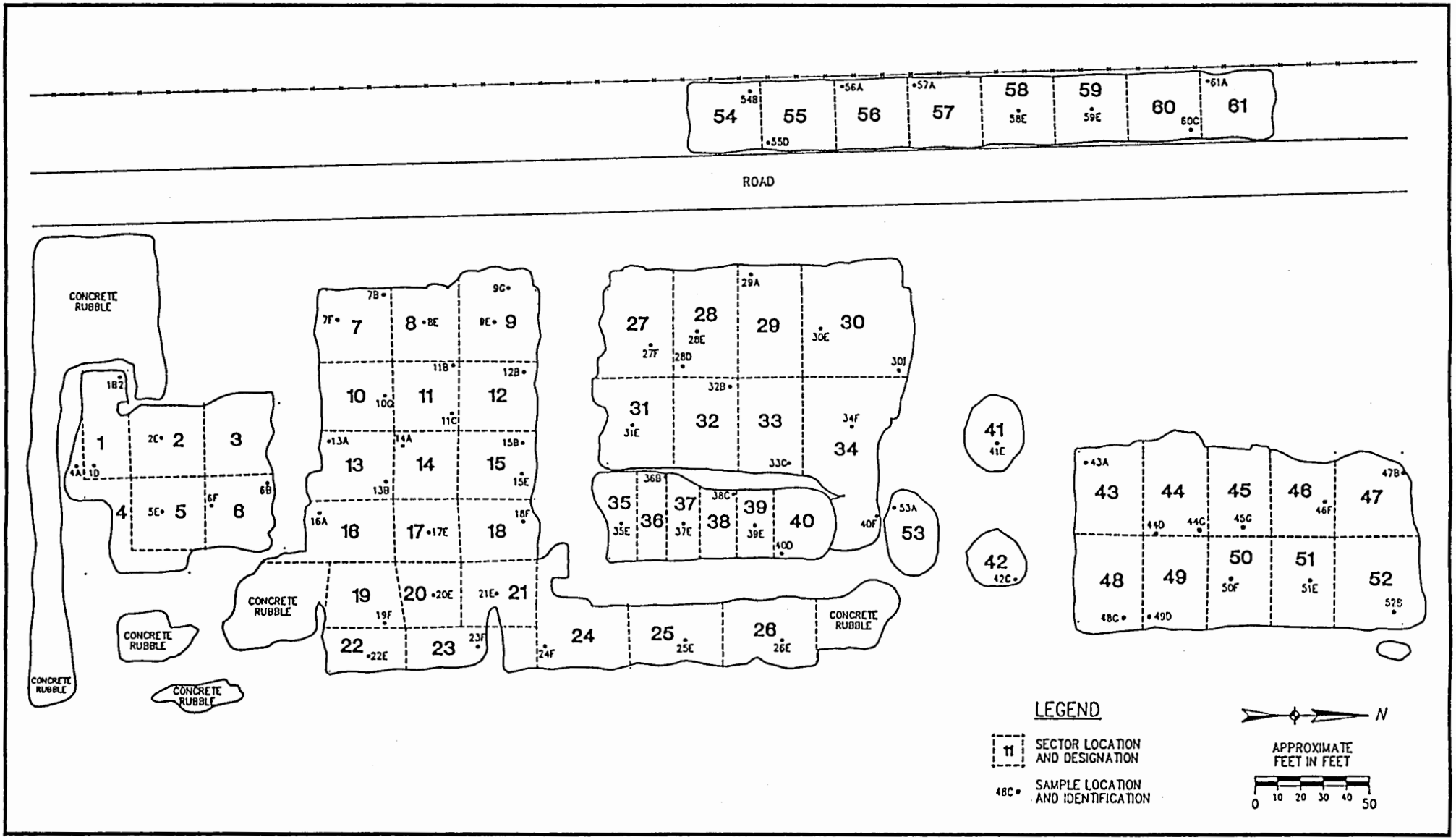
FIGURE 1
CHRYSLER KENOSHA ENGINE AND MAIN PLANT FACILITY LAYOUT



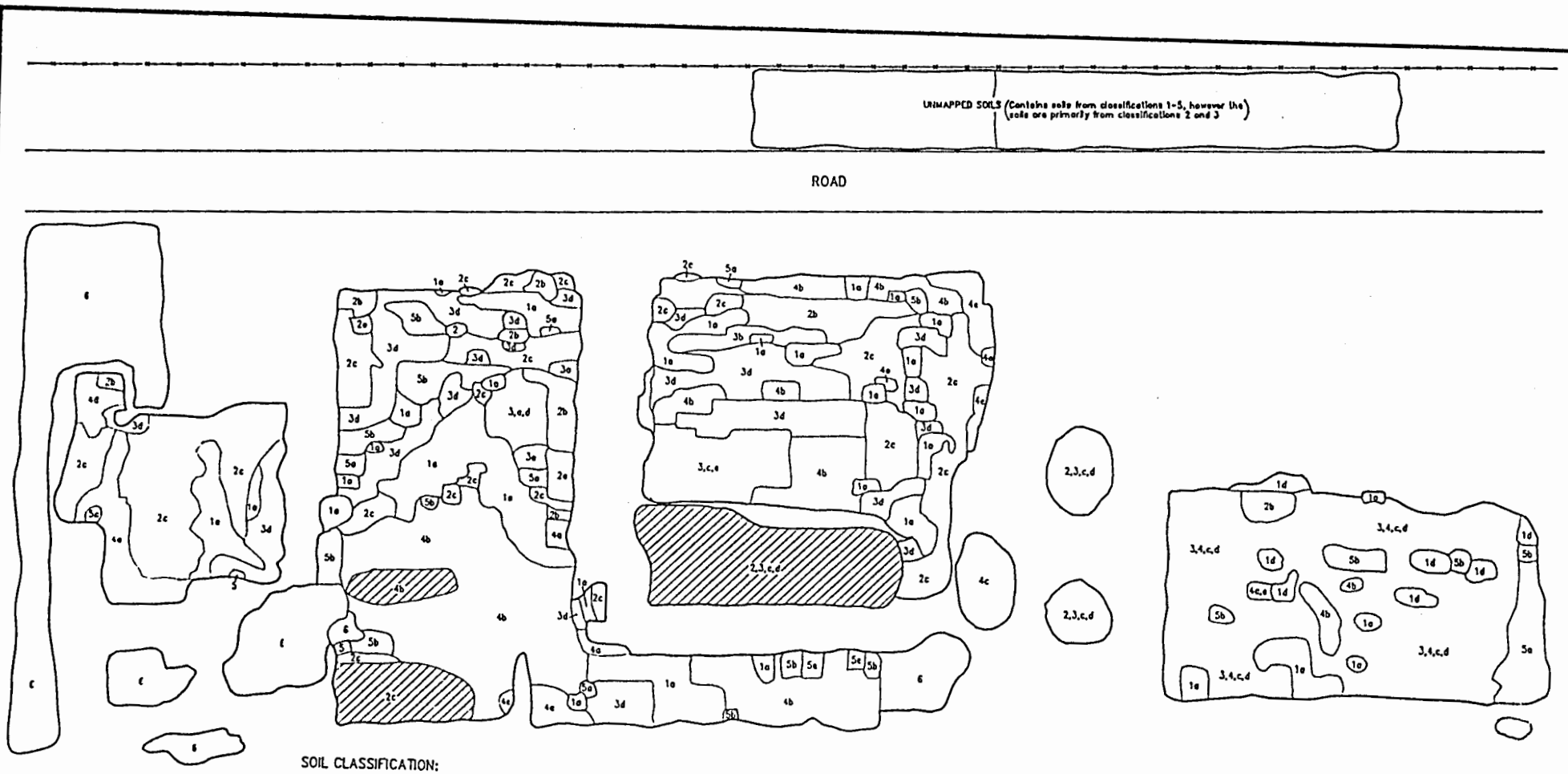
TRIAD
ENGINEERING
INCORPORATED

FIGURE 2
CHRYSLER KENOSHA ENGINE
AND MAIN PLANT
SOIL PILE DESIGNATIONS



TRIAD ENGINEERING INCORPORATED

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



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

N

APPROXIMATE FEET IN FEET

0 10 20 30 40 50

TRIAD ENGINEERING INCORPORATED

FIGURE 4
CHRYSLER KENOSHA ENGINE AND MAIN PLANT SOIL CLASSIFICATIONS

APPENDIX B

FIELD FORMS

PID INSTRUMENT SET-U .ND FIELD RECORD

Operator: GJM / KRW
Date: 3/30/95
Site: Chrysler Corporation Project No: W943324.21
Weather: Cloudy, Cool
Media Sampled: Soil
Instrument # OVM S/N 580U Serial No. 42461-268 Battery: OK
Probe Identification: 10.6 eV Zero: 0.2-0.8
Calibration Gas: Calibration Set: 238ppm
Gas Type: Isobutylene 250ppm Span Setting: 250ppm
Bottle I.D.: Lot 38259

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response i.u.	Peak Response i.u.	Comments
SW CORNER	1A	0945	1037	0.8	0.8	
NW CORNER	1B	0946	1038	0.2	30.9	NO ODOR
NE CORNER	1C	0947	1039	0.8	2.0	
SE CORNER	1D	0948	1040	0.2	2.6	
MIDDLE 3 PILES	1E	0949	1041	0.0	2.0	
SW CORNER	4A	1004	1042	0.2	8.9	
NW CORNER	4B	1005	1043	0.2	3.1	
NE CORNER	4C	1006	1044	0.2	3.7	
SE CORNER	4D	1007	1045	0.0	2.6	
EAST MIDDLE	4E	1008	1046	0.0	7.2	
SW CORNER	2A	1013	1047	0.0	14.7	
NW CORNER	2B	1014	1048	0.2	1.4	
NE CORNER	2C	1015	1049	0.2	2.0	
SE CORNER	2D	1016	1050	0.2	2.0	
MIDDLE	2E	1017	1051	0.2	4.3	
SW CORNER	3A	1018	1055	0.0	0.8	
NW CORNER	3B	1019	1056	0.0	4.3	
NE CORNER	3C	1020	1057	0.0	1.4	
SE CORNER	3D	1021	1058	0.0	2.0	
MIDDLE	3E	1022	1059	0.2	1.4	
SW CORNER	5A	1025	1100	0.2	0.2	
NW CORNER	5B	1026	1101	0.2	1.4	
NE CORNER	5C	1027	1102	0.2	0.2	
SE CORNER	5D	1028	1103	0.2	1.4	
MIDDLE	5E	1029	1104	0.2	1.6	
SW CORNER	6A	1032	1105	0.2	2.6	
NW CORNER	6B	1033	1106	0.2	1.4	
NE CORNER	6C	1034	1107	0.8	2.0	
SE CORNER	6D	1035	1108	0.8	2.6	
MIDDLE	6E	1036	1109	0.2	10.1	SLIGHT HYDROCARBON-LIKE ODOR
NW CORNER	1B2	1112	1130	0.2	101.6	NO ODOR
10 E OF NW CORNER	1F	1115	1131	0.2	2.0	
MIDDLE SOUTH	6F	1117	1132	0.2	4.3	
MIDDLE SOUTH	3F	1119	1133	0.2	2.6	

Sample Identification: 1,2,3..etc. refer to the sector numbers; A,B,C..etc. refer as follows: A = Southwest corner of sector; B = Northwest corner of sector; C = Northeast corner of sector; D = Southeast corner of sector; E = Center of sector.
I.u. = Instrument units as calibration gas

PID INSTRUMENT SET-UP AND FIELD RECORD

Operator: GJM
Date: 4/3/95
Site: Chrysler Corporation Project No: W943324.21
Weather: Partly Cloudy, (Cool) 50's
Media Sampled: Soil
Instrument # OVM S/N 580U Serial No. 42461-268
Probe Identification: 10.6 eV
Calibration Gas:
Gas Type: Isobutylene 250ppm
Bottle I.D.: Lot 38259

Battery: OK
Zero: 0.2
Calibration Set: 250ppm
Span Setting: 250ppm

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response i.u.	Peak Response i.u.	Comments
	7A	0930	1111	0.2	2.2	NO ODOR
	7B	0930	1112	0.2	6.8	NO ODOR
	7C	0931	1113	0.2	2.2	NO ODOR
	7D	0932	1114	0.2	2.2	NO ODOR
	7E	0933	1115	0.2	1.8	NO ODOR
	7F	0934	1116	0.2	2.0	SLIGHT PETROLEUM ODOR
	8A	0935	1117	0.2	2.2	NO ODOR
	8B	0936	1118	0.2	11.8	NO ODOR
	8C	0937	1119	0.2	2.7	NO ODOR
	8D	0938	1120	0.2	1.8	NO ODOR
	8E	0939	1120	0.2	2.2	NO ODOR
	9A	0940	1121	0.2	2.2	NO ODOR
	9B	0941	1122	0.2	2.0	NO ODOR
	9C	0942	1123	0.2	5.2	SLIGHT ODOR
	9D	0943	1124	0.2	3.1	NO ODOR
	9E	0944	1125	0.2	14.3	SLIGHT ODOR
	9F	0945	1125	0.2	1.8	NO ODOR
	9G	0946	1126	0.2	2.7	HEAVY ODOR
	10A	0948	1130	0.6	3.5	NO ODOR
	10B	0949	1131	0.6	1.4	NO ODOR
	10C	0950	1132	0.6	4.7	SEMI-STRONG ODOR
	10D	0951	1133	0.6	2.7	NO ODOR
	10E	0952	1134	0.6	1.4	NO ODOR
	10F	0953	1135	0.6	1.8	SLIGHT ODOR
	10G	0954	1136	0.6	62.7	NO ODOR
	11A	0956	1139	0.6	2.7	SEMI STRONG ODOR
	11B	0957	1140	0.6	36.4	NO ODOR
	11C	0958	1141	0.6	3.9	NO ODOR
	11D	0959	1142	0.6	9.3	SLIGHT ODOR
	11E	1000	1143	0.6	3.5	SLIGHT ODOR
	11F	1001	1144	0.6	0.6	SLIGHT ODOR

PID INSTRUMENT SET UP AND FIELD RECORD

Operator: GJM
Date: 4/3/95
Site: Chrysler Corporation
Project No: W943324.21

Weather: Partly Cloudy, (Cool) 50's
Media Sampled: Soil
Instrument # OVM S/N 580U
Serial No. 42461-268
Battery: OK
Probe Identification: 10.6 eV
Zero: 0.2
Calibration Gas:
Calibration Set: 250ppm
Gas Type: Isobutylene 250ppm
Span Setting: 250ppm
Bottle I.D.: Lot 38259

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response i.u.	Peak Response i.u.	Comments
	12A	1002	1144	0.6	85.9	NO ODOR
	12B	1003	1145	0.6	2.2	SLIGHT ODOR
	12C	1004	1146	0.6	3.7	SLIGHT ODOR
	12D	1005	1147	0.6	6.8	SLIGHT ODOR
	12E	1006	1148	0.6	47.2	NO ODOR
	13A	1008	1148	0.6	16.8	NO ODOR
	13B	1009	1149	0.6	1.4	SLIGHT ODOR (DIESEL)
	13C	1010	1150	0.6	4.3	STRONG ODOR
	13D	1011	1151	0.6	1.8	NO ODOR
	13E	1012	1152	0.6	0.6	NO ODOR
	14A	1013	1153	0.6	28.2	SLIGHT ODOR
	14B	1014	1154	0.6	0.6	NO ODOR
	14C	1015	1155	0.6	1.0	NO ODOR
	14D	1016	1156	0.6	1.4	NO ODOR
	14E	1016	1157	0.6	0.6	NO ODOR
	14F	1017	1158	0.6	3.5	SLIGHT ODOR
	15A	1019	1158	0.6	2.7	SLIGHT ODOR
	15B	1020	1159	0.6	4.3	HEAVY ODOR
	15C	1021	1200	0.6	3.5	SLIGHT ODOR
	15D	1022	1201	0.6	8.5	SLIGHT ODOR
	15E	1023	1202	0.6	9.3	NO ODOR
	16A	1025	1200	0.6	4.7	SLIGHT ODOR
	16B	1026	1201	0.6	1.8	NO ODOR
	16C	1027	1201	0.6	0.6	NO ODOR
	16D	1028	1202	0.6	3.1	HEAVY ODOR
	16E	1028	1203	0.6	0.6	NO ODOR
	17A	1029	1204	0.6	1.4	NO ODOR
	17B	1030	1205	0.6	0.6	NO ODOR
	17C	1031	1206	0.6	1.0	NO ODOR
	17D	1032	1207	0.6	1.0	NO ODOR
	17E	1033	1208	0.6	1.8	NO ODOR

PID INSTRUMENT SET- AND FIELD RECORD

Operator: GJM
Date: 4/3/95
Site: Chrysler Corporation
Project No: W943324.21

Weather: Partly Cloudy, (Cool) 50's
Media Sampled: Soil
Instrument # OVM S/N 580U
Serial No. 42461-268
Battery: OK
Probe Identification: 10.6 eV
Zero: 0.2
Calibration Gas:
Calibration Set: 250ppm
Gas Type: Isobutylene 250ppm
Span Setting: 250ppm
Bottle I.D.: Lot 38259

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response i.u.	Peak Response i.u.	Comments
	18 A	1034	1208	0.6	1.4	No odor
	18 B	1035	1209	0.6	1.0	No odor
	18 C	1036	1210	0.6	3.1	No odor
	18 D	1037	1211	0.6	1.8	No odor
	18 E	1038	1212	0.6	2.7	No odor
	18 F	1039	1213	0.6	8.5	Strong odor
	19 A	1042	1213	0.6	1.8	Slight odor
	19 B	1043	1214	0.6	2.2	Slight odor
	19 C	1044	1215	0.6	4.3	Slight odor
	19 D	1045	1216	0.6	1.8	No odor
	19 E	1046	1217	0.6	2.7	No odor
	20 A	1047	1217	0.6	1.8	No odor
	20 B	1048	1218	0.6	2.2	No odor
	20 C	1049	1219	0.6	4.3	Strong odor
	20 D	1050	1220	0.6	3.9	Slight odor
	20 E	1051	1220	0.6	5.2	Slight odor
	21 A	1052	1221	0.6	3.5	No odor
	21 B	1053	1222	0.6	4.3	No odor
	21 C	1054	1223	0.6	5.6	Slight odor
	21 D	1055	1224	0.6	3.5	No odor
	21 E	1056	1225	0.6	9.3	Slight odor
	22 A	1255	1336	0.6	4.3	Slight odor
	22 B	1256	1337	0.6	6.4	Slight odor
	22 C	1257	1338	0.6	2.7	No odor
	22 D	1258	1339	0.6	4.3	No odor
	22 E	1259	1340	0.6	3.9	Slight odor
	23 A	1259	1340	0.6	5.6	Slight odor
	23 B	1300	1341	0.6	6.0	No odor
	23 C	1301	1342	0.6	7.7	Slight odor
	23 D	1302	1343	0.6	3.1	No odor
	23 E	1303	1344	0.6	3.9	Slight odor
	23 F	1304	1345	0.6	8.9	Strong odor
	23 G	1305	1346	0.6	2.7	No odor

PID INSTRUMENT SET UP AND FIELD RECORD

Operator: GJM
Date: 4/3/95
Site: Chrysler Corporation
Weather: Partly Cloudy, (Cool) 50's
Media Sampled: Soil
Instrument # OVM S/N 580U
Probe Identification: 10.6 eV
Calibration Gas:
Gas Type: Isobutylene 250ppm
Bottle I.D.: Lot 38259

Project No: W943324.21

Serial No. 42461-268

Battery: OK
Zero: 0.0
Calibration Set: 250ppm
Span Setting: 250ppm

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response i.u.	Peak Response i.u.	Comments
	24 A	1308	1347	0.6	4.3	Slight odor
	24 B	1309	1348	0.6	7.7	Strong odor
	24 C	1310	1349	0.6	19.3	Slight odor
	24 D	1311	1350	0.6	10.6	Slight odor
	24 E	1312	1351	0.6	7.2	No odor
	24 F	1313	1352	0.6	23.1	Strong odor
	24 G	1314	1353	0.6	10.6	Slight odor
	24 H	1315	1354	0.6	5.6	Slight odor
	24 I	1316	1355	0.6	11.0	Slight odor
	25 A	1319	1357	0.6	3.5	No odor
	25 B	1320	1358	0.6	5.6	Slight odor
	25 C	1321	1359	0.6	3.1	No odor
	25 D	1322	1400	0.6	9.7	Slight odor
	25 E	1323	1401	0.6	4.3	No odor
	25 F	1324	1402	0.6	6.8	Strong odor
	25 G	1325	1403	0.6	18.5	Strong odor
	25 H	1326	1404	0.6	7.7	Slight odor
	26 A	1326	1404	0.6	5.6	No odor
	26 B	1327	1405	0.6	3.9	No odor
	26 C	1328	1406	0.6	4.7	Slight odor
	26 D	1329	1407	0.6	11.4	No odor
	26 E	1330	1408	0.6	20.7	No odor
	26 F	1331	1409	0.6	5.2	No odor
	27 A	1411	1537	0.6	2.7	No odor
	27 B	1412	1538	0.6	2.2	No odor
	27 C	1413	1539	0.6	2.2	No odor
	27 D	1414	1540	0.6	2.0	No odor
	27 E	1415	1541	0.6	5.6	Slight odor
	27 F	1416	1542	0.6	23.7	No odor
	27 G	1417	1543	0.6	3.5	Slight odor
	27 H	1418	1544	0.6	2.2	No odor

PID INSTRUMENT SET- AND FIELD RECORD

Operator: GJM
Date: 4/3/95
Site: Chrysler Corporation
Project No: W943324.21

Weather: Partly Cloudy, (Cool) 50's
Media Sampled: Soil
Instrument # OVM S/N 580U
Serial No. 42461-268
Battery: OK
Probe Identification: 10.6 eV
Zero: 0.0
Calibration Gas:
Calibration Set: 250ppm
Gas Type: Isobutylene 250ppm
Span Setting: 250ppm
Bottle I.D.: Lot 38259

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response i.u.	Peak Response i.u.	Comments
	28 A	1420	1544	0.6	15.6	No odor
	28 B	1421	1545	0.6	7.7	Slight odor
	28 C	1422	1546	0.6	2.7	Slight odor
	28 D	1423	1547	0.6	3.9	Slight odor
	28 E	1424	1548	0.6	10.6	Strong odor
	29 A	1425	1548	0.6	29.8	No odor
	29 B	1426	1549	0.6	4.3	No odor
	29 C	1427	1550	0.6	3.9	No odor
	29 D	1428	1551	0.6	6.8	No odor
	29 E	1428	1552	0.6	14.3	No odor
	29 F	1429	1553	0.6	3.5	No odor
	30 A	1436	1553	0.6	3.1	No odor
	30 B	1437	1554	0.6	20.6	No odor
	30 C	1438	1555	0.6	3.5	Slight odor
	30 D	1439	1556	0.6	33.5	Slight odor
	30 E	1440	1557	0.6	7.2	No odor
	30 F	1440	1558	0.6	2.2	No odor
	30 G	1441	1559	0.6	11.8	No odor
	30 H	1442	1560	0.6	3.1	Strong odor
	31 A	1445	1600	0.6	2.2	Strong odor
	31 B	1446	1601	0.6	4.3	Slight odor
	31 C	1447	1602	0.6	3.1	No odor
	31 D	1447	1603	0.6	3.5	No odor
	31 E	1448	1604	0.6	4.7	No odor
	32 A	1449	1604	0.6	2.7	No odor
	32 B	1450	1605	0.6	6.8	Slight odor
	32 C	1451	1606	0.6	1.8	No odor
	32 D	1452	1607	0.6	1.4	No odor
	32 E	1452	1608	0.6	3.5	Slight odor

PID INSTRUMENT SET-UP AN ELD RECORD

Operator: GJM
Date: 4/3/95
Site: Chrysler Corporation
Project No: W943324.21

Weather: Partly Cloudy, (Cool) 50's
Media Sampled: Soil
Instrument # OVM S/N 580U
Serial No. 42461-268
Battery: OK
Probe Identification: 10.6 eV
Zero: 0.0
Calibration Gas:
Calibration Set: 250ppm
Gas Type: Isobutylene 250ppm
Span Setting: 250ppm
Bottle I.D.: Lot 38259

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response i.u.	Peak Response i.u.	Comments
	33 A	1453	1607	0.6	0.6	No odor
	33 B	1454	1608	0.6	0.6	No odor
	33 C	1455	1609	0.6	1.4	No odor
	33 D	1456	1610	0.6	0.6	No odor
	33 E	1457	1611	0.6	0.6	No odor
	34 A	1457	1612	0.6	1.4	No odor
	34 B	1458	1613	0.6	1.8	Strong odor
	34 C	1459	1614	0.6	1.0	No odor
	34 D	1500	1615	0.6	2.2	No odor
	34 E	1501	1616	0.6	3.9	No odor
	34 F	1501	1617	0.6	22.7	No odor
	34 G	1502	1618	0.6	3.5	No odor
	35 A	1507	1618	0.6	14.3	Strong odor
	35 B	1508	1619	0.6	4.3	Slight odor
	35 C	1509	1620	0.6	5.2	No odor
	35 D	1510	1621	0.6	31.2	Strong odor
	35 E	1511	1622	0.6	84.4	Very strong odor
	36 A	1513	1622	0.6	13.1	Slight odor
	36 B	1514	1623	0.6	27.5	No odor
	36 C	1515	1624	0.6	5.2	No odor
	36 D	1516	1625	0.6	6.0	No odor
	36 E	1517	1626	0.6	9.3	Strong odor
	37 A	1517	1626	0.6	4.3	No odor
	37 B	1518	1627	0.6	25.6	Slight odor
	37 C	1519	1628	0.6	13.1	Slight odor
	37 D	1520	1629	0.6	6.0	Slight odor
	37 E	1520	1630	0.6	26.4	Strong odor
	38 A	1524	1631	0.6	8.9	Slight odor
	38 B	1525	1632	0.6	10.6	Slight odor
	38 C	1526	1633	0.6	34.3	Strong odor
	38 D	1527	1634	0.6	10.2	Slight odor
	38 E	1527	1635	0.6	5.6	No odor
	39 A	1528	1636	0.6	5.6	No odor
	39 B	1529	1637	0.6	13.5	Very strong odor
	39 C	1529	1638	0.6	10.6	Slight odor
	39 D	1530	1639	0.6	16.8	Strong odor
	39 E	1531	1640	0.6	10.2	Strong odor
	40 A	1532	1641	0.6	16.4	Strong odor
	40 B	1533	1642	0.6	4.3	No odor
	40 C	1533	1643	0.6	3.9	No odor
	40 D	1534	1644	0.6	18.1	Slight odor
	40 E	1535	1645	0.6	8.9	Slight odor

PID INSTRUMENT SET UP AND FIELD RECORD

Operator: GJM
Date: 4/7/95
Site: Chrysler Corporation
Project No: W943324.21

Weather: Partly Cloudy, Sunny, 40's
Media Sampled: Soil
Instrument # OVM S/N 580U
Serial No. 49509–283
Battery: OK
Probe Identification: 10.6 eV
Zero: 0.0
Calibration Gas:
Calibration Set: 250ppm
Gas Type: Isobutylene 250ppm
Span Setting: 250ppm
Bottle I.D.: 07041200008

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response i.u.	Peak Response i.u.	Comments
	41 A	0810	0947	0.0	0.5	No odor
	41 B	0811	0948	0.0	6.9	Slight odor
	41 C	0812	0949	0.0	0.1	No odor
	41 D	0813	0950	0.0	2.6	Slight odor
	41 E	0814	0951	0.0	12.3	Heavy odor
	42 A	0805	0952	0.0	1.1	Slight odor
	42 B	0806	0953	0.0	3.0	Slight odor
	42 C	0807	0954	0.0	8.0	No odor
	42 D	0808	0955	0.0	0.3	No odor
	42 E	0809	0956	0.0	0.9	No odor
	43 A	0817	0957	0.0	6.1	Slight odor
	43 B	0818	0958	0.0	5.3	No odor
	43 C	0819	0959	0.0	3.6	Slight odor
	43 D	0820	1000	0.0	0.7	No odor
	43 E	0821	1001	0.0	0.7	No odor
	44 A	0821	1003	0.0	0.3	Slight odor
	44 B	0822	1004	0.0	0.5	No odor
	44 C	0823	1005	0.0	50.2	Heavy odor
	44 D	0824	1006	0.0	111.0	Slight odor
	44 E	0825	1007	0.0	4.8	No odor
	44 F	0829	1008	0.0	1.1	No odor
	45 A	0829	1011	0.0	0.7	No odor
	45 B	0830	1012	0.0	0.9	Slight odor
	45 C	0831	1013	0.0	15.5	Heavy odor
	45 D	0832	1014	0.0	33.1	Heavy odor
	45 E	0833	1015	0.0	1.7	Slight odor
	45 F	0834	1016	0.0	1.3	No odor
	45 G	0835	1017	0.0	93.9	Heavy odor

PID INSTRUMENT SET–UP AND FIELD RECORD

Operator: GJM
Date: 4/7/95
Site: Chrysler Corporation
Project No: W943324.21

Weather: Partly Cloudy, Sunny, 40's
Media Sampled: Soil
Instrument # OVM S/N 580U
Serial No. 49509–283
Battery: OK
Probe Identification: 10.6 eV
Zero: 0.0
Calibration Gas:
Calibration Set: 250ppm
Gas Type: Isobutylene 250ppm
Span Setting: 250ppm
Bottle I.D.: 07041200008

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response i.u.	Peak Response i.u.	Comments
	46 A	0840	1018	0.0	0.7	No odor
	46 B	0841	1019	0.0	1.1	No odor
	46 C	0842	1020	0.0	2.8	No odor
	46 D	0843	1021	0.0	1.9	No odor
	46 E	0844	1022	0.0	2.1	No odor
	46 F	0845	1023	0.0	63.3	Strong odor
	47 A	0845	1024	0.0	1.7	No odor
	47 B	0846	1025	0.0	43.5	Strong odor
	47 C	0847	1026	0.0	11.9	Slight odor
	47 D	0848	1027	0.0	1.1	No odor
	47 E	0849	1028	0.0	4.0	No odor
	47 F	0850	1029	0.0	4.0	Slight odor
	48 A	0855	1030	0.0	5.5	No odor
	48 B	0856	1031	0.0	3.0	Slight odor
	48 C	0857	1032	0.0	29.2	No odor
	48 D	0858	1033	0.0	4.8	No odor
	48 E	0859	1034	0.0	5.3	Slight odor
	49 A	0900	1035	0.0	43.9	Slight odor
	49 B	0901	1036	0.0	9.6	Slight odor
	49 C	0902	1037	0.0	1.1	Slight odor
	49 D	0903	1038	0.0	72.2	Slight odor
	49 E	0904	1039	0.0	1.9	No odor

PID INSTRUMENT SET–UP AND FIELD RECORD

Operator: GJM
Date: 4/7/95
Site: Chrysler Corporation
Project No: W943324.21

Weather: Partly Cloudy, Sunny, 40's
Media Sampled: Soil
Instrument # OVM S/N 580U
Serial No. 49509–283
Battery: OK
Probe Identification: 10.6 eV
Zero: 0.0
Calibration Gas:
Calibration Set: 250ppm
Gas Type: Isobutylene 250ppm
Span Setting: 250ppm
Bottle I.D.: 07041200008

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response	Peak Response	Comments
	50 A	0905	1045	0.0	73.3	Heavy odor
	50 B	0906	1046	0.0	2.3	Slight odor
	50 C	0907	1047	0.0	0.9	No odor
	50 D	0908	1048	0.0	3.8	Slight odor
	50 E	0909	1049	0.0	1.1	No odor
	50 F	0910	1050	0.0	4.0	Heavy odor
	30 I	0934	1051	0.0	8.2	Very heavy odor
	30 J	0935	1052	0.0	5.5	Slight odor
	40 F	1033	1053	0.0	4.2	No odor
	51 A	0914	1055	0.0	4.8	No odor
	51 B	0915	1056	0.0	1.7	Slight odor
	51 C	0916	1057	0.0	0.9	No odor
	51 D	0917	1058	0.0	20.2	Slight odor
	51 E	0918	1059	0.0	25.2	Heavy odor
	52 A	0919	1104	0.0	2.8	Slight odor
	52 B	0920	1105	0.0	57.3	Very heavy odor
	52 C	0921	1106	0.0	10.9	Slight odor
	52 D	0922	1107	0.0	11.5	Slight odor
	52 E	0923	1108	0.0	3.2	No odor
	52 F	0924	1109	0.0	5.3	Slight odor
	53 A	0926	1110	0.0	2.1	Heavy odor
	53 B	0927	1111	0.0	1.5	Slight odor
	53 C	0928	1112	0.0	2.6	Slight odor
	53 D	0929	1113	0.0	2.8	Slight odor
	53 E	0930	1114	0.0	2.6	Slight odor

PID INSTRUMENT SET P AND FIELD RECORD

Operator: GJM
Date: 5/8/95
Site: Chrysler Corporation
Project No: W943324.21

Weather: Partly Cloudy, Sunny, 40's
Media Sampled: Soil
Instrument # miniRAE PID
Probe Identification: 10.6 eV
Calibration Gas:
Gas Type: Isobutylene 100ppm
Bottle I.D.: 40375

Battery: OK
Zero: 0.0
Calibration Set: 100ppm

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response i.u.	Peak Response i.u.	Comments
	54 A	0745	0839	0.0	5.4	No odor
	54 B	0746	0840	0.0	5.0	Slight odor
	54 C	0747	0841	0.0	2.2	No odor
	54 D	0748	0842	0.0	3.4	No odor
	54 E	0749	0843	0.0	3.1	Heavy odor
	55 A	0750	0844	0.0	4.9	No odor
	55 B	0751	0845	0.0	8.5	Slight odor
	55 C	0752	0846	0.0	2.4	Slight odor
	55 D	0753	0847	0.0	17.0	No odor
	55 E	0754	0848	0.0	2.3	No odor
	56 A	0756	0849	0.0	20.3	No odor
	56 B	0757	0850	0.0	6.5	Strong odor
	56 C	0758	0851	0.0	1.8	No odor
	56 D	0759	0852	0.0	3.7	No odor
	56 E	0800	0853	0.0	7.9	Strong odor
	57 A	0801	0854	0.0	9.4	No odor
	57 B	0802	0855	0.0	2.2	Slight odor
	57 C	0803	0856	0.0	1.8	Strong odor
	57 D	0804	0857	0.0	4.5	No odor
	57 E	0805	0858	0.0	2.9	No odor
	58 A	0808	0859	0.0	7.7	Heavy odor
	58 B	0809	0900	0.0	9.3	Strong odor
	58 C	0810	0901	0.0	1.7	Heavy odor
	58 D	0811	0902	0.0	2.4	No odor
	58 E	0812	0903	0.0	6.4	Very heavy odor

PID INSTRUMENT SET–UP AND FIELD RECORD

Operator: GJM
Date: 5/8/95
Site: Chrysler Corporation
Project No: W943324.21

Weather: Partly Cloudy, Sunny, 40's
Media Sampled: Soil
Instrument # miniRAE PID
Battery: OK
Probe Identification: 10.6 eV
Zero: 0.0
Calibration Gas:
Calibration Set: 100ppm
Gas Type: Isobutylene 100ppm
Bottle I.D.: 40375

Sample Location	Sample #	Time Sampled	Time Analyzed	Background Response i.u.	Peak Response i.u.	Comments
	59 A	0813	0904	0.0	3.1	Strong odor
	59 B	0814	0905	0.0	4.0	Heavy odor
	59 C	0815	0906	0.0	1.2	Slight odor
	59 D	0816	0907	0.0	1.3	Slight odor
	59 E	0817	0908	0.0	4.4	Heavy odor
	60 A	0819	0909	0.0	8.0	Very strong odor
	60 B	0820	0910	0.0	1.6	No odor
	60 C	0821	0911	0.0	15.1	very strong/heavy odor
	60 D	0822	0912	0.0	3.2	Slight odor
	60 E	0823	0913	0.0	3.1	Slight odor
	60 F	0824	0914	0.0	1.9	Slight odor
	61 A	0825	0915	0.0	20.7	Strong odor
	61 B	0826	0916	0.0	1.7	No odor
	61 C	0827	0917	0.0	0.3	No odor
	61 D	0828	0918	0.0	0.7	No odor
	61 E	0829	0919	0.0	2.4	Strong odor
	61 F	0830	0920	0.0	11.9	Strong odor
	61 G	0831	0921	0.0	6.4	No odor

PID INSTRUMENT SET-UP AND FIELD RECORD

Operator: JMR
Date: 6/21/95
Site: Chrysler Corporation
Weather: 65°F, Sunny
Media Sampled (Soil, Groundwater, Waste [type]) Soil

Instrument No.: OVM S/N 5806
Serial No. 42461-268
Lamp Energy 10.6 eV
Calibration Gas:
Gas Type: Isobutylene 250 ppm
Batch #
Bottle I.D.:

Battery: ok
Zero: 0 ppm
Calibration Set: 250 ppm
Gas Setting: ---

Sample Location	Sample #	Depth (ft)	Time Sampled	Time Analyzed	Background Response	Peak Response	Comments
4a		1.5	10:33		0	0	No Odor
4d		1.5	10:33		0	0	No Odor
4e		1.5	10:33		0	0	No Odor
4x		1.5	10:33		0	0	No Odor
10g		1.5	11:28		0	0	No Odor
19f		1.5	11:50		0	0	No Odor
22e		1.5	11:50		0	0	No Odor
22a		1.5	11:50		0	0	No Odor
23e		1.5	11:50		0	0	No Odor
35e		1.5	12:30		0	0	No Odor
35a		1.5	12:30		0	0	No Odor
35c		1.5	12:30		0	0	No Odor
35d		1.5	13:06		0	0	No Odor
40f		1.5	13:06		0	0	No Odor
40x		1.5	13:06		0	0	No Odor
40g		1.5	13:06		0	0	No Odor
34c		1.5	13:06		0	0	No Odor
53a		1.5	13:26		0	0	No Odor
53b		1.5	13:26		0	0	No Odor
53c		1.5	13:26		0	0	No Odor
53d		1.5	13:26		0	0	No Odor
48c		1.5	13:44		0	0	No Odor
50f		1.5	14:00		0	0	No Odor
50x		1.5	14:00		0	0	No Odor
50y		1.5	14:00		0	0	No Odor
50z		1.5	14:00		0	0	No Odor
44d		1.5	14:25		0	0	No Odor
70a		1.5	14:44		0	0	No Odor
70b		1.5	14:44		0	0	No Odor
70c		1.5	14:44		0	0	No Odor
70d		1.5	14:44		0	0	Odor

APPENDIX C

ANALYTICAL DATA

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 : 05-Jul-95

Client : ROSS CREIGHTON
: TRIAD ENGINEERING, INC.

Mas# : 50623001-019

PROJECT : CHRYSLER CORP

Sample I.D. : 19F,22E,22A,23C; 22A; 40F,40X,40Y,34C; 40F, 50F,50X,50Y,50Z; 50X; 35C,35A,35E,35D; 35E; 4A,1D,1E,1X; 4A; 53A,53B,53C,53D; 53D; 70A,70B,70C,70D; 44D; 44D; 10G; 10G; 70D; 48C

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

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 0 1

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 19F,22E,22A,23C 06/21/95 1150
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
* pH/CORROSIVITY	7.99	UNITS	----	2.0 ≤pH≤ 12.5	SW-846 9045B	6/24/95	BB
SPECIFIC GRAVITY	2.0	---	----	----	ASTM D5057	6/26/95	CH
TOTAL SOLIDS	93	%	----	----	EPA 160.3	6/27/95	CH
PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	SW-846 9095	6/27/95	DB
IGNITIBILITY	> 200	F	----	> 140	SW-846 1010	6/24/95	BB
**CHLORINE	N/D	%	0.1	< 1.0	SW-846 9076	6/26/95	CH
REACTIVE SULFIDE	N/D	mg/kg	50	< 50	SW-846 7.3.4.2	6/24/95	BB
REACTIVE CYANIDE	N/D	mg/kg	10	< 50	SW-846 7.3.3.2	6/24/95	BB
TCLP PHENOL	N/D	mg/l	0.1	< 2000	EPA 420.1	6/27/95	BB
PCB:		mg/kg		< 50	SW-846 8080A	6/28/95	MH
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.

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

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Fax No: (313) 964-2339

IN: DLB

TEST REPORT

MAS #:5 0 6 2 3 0 0 1

(continued)

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 19F,22E,22A,23C 06/21/95 1150
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP METALS :		mg/l			SW-846		
ARSENIC	N/D		1.0	< 5.0	6010A	6/28/95	KW
BARIUM	N/D		5.0	< 100.0	6010A	6/28/95	KW
CADMIUM	N/D		0.5	< 1.0	6010A	6/28/95	KW
CHROMIUM	N/D		1.0	< 5.0	6010A	6/28/95	KW
COPPER	N/D		1.0	< 100.0	6010A	6/28/95	KW
LEAD	N/D		1.0	< 5.0	6010A	6/28/95	KW
MERCURY	N/D		0.10	< 0.2	7470A	6/28/95	DB
NICKEL	N/D		1.0	< 35.0	6010A	6/28/95	KW
SELENIUM	N/D		0.50	< 1.0	6010A	6/28/95	KW
SILVER	N/D		1.0	< 5.0	6010A	6/28/95	KW
ZINC	N/D		5.0	< 200.0	6010A	6/28/95	KW
TCLP SEMI-VOLATILES:		mg/l			SW-846 8270B	6/27/95	EH
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			
HEXACHLORO-1,3-BUTADIENE	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
Lab. Quality Manager

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2727 Second Avenue
Detroit, Michigan 48201

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

IN: DLB

TEST REPORT

MAS #:50623002

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 22A 06/21/95 1202
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP VOLATILES		mg/l			SW-846 8010B/8020AM	6/28/95	DM
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			

Krystyna Czyzo
Lab. Quality Manager

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2727 Second Avenue
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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 0 3

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 40F,40X,40Y,34C 06/21/95 1306
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
* pH/CORROSIVITY	8.50	UNITS	----	2.0 ≤pH≤ 12.5	SW-846 9045B	6/24/95	BB
SPECIFIC GRAVITY	2.2	---	----	----	ASTM D5057	6/26/95	CH
TOTAL SOLIDS	94	%	----	----	EPA 160.3	6/27/95	CH
PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	SW-846 9095	6/27/95	DB
IGNITIBILITY	> 200	F	----	> 140	SW-846 1010	6/24/95	BB
**CHLORINE	N/D	%	0.1	< 1.0	SW-846 9076	6/26/95	CH
REACTIVE SULFIDE	N/D	mg/kg	50	< 50	SW-846 7.3.4.2	6/24/95	BB
REACTIVE CYANIDE	N/D	mg/kg	10	< 50	SW-846 7.3.3.2	6/24/95	BB
TCLP PHENOL	N/D	mg/l	0.1	< 2000	EPA 420.1	6/27/95	BB
PCB:		mg/kg		< 50	SW-846 8080A	6/28/95	MH
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.

Krystyna Czyzo
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IN: DLB

TEST REPORT

MAS #:5 0 6 2 3 0 0 3

(continued)

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 40F,40X,40Y,34C 06/21/95 1306
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP METALS :		mg/l			SW-846		
ARSENIC	N/D		1.0	< 5.0	6010A	6/28/95	KW
BARIUM	N/D		5.0	< 100.0	6010A	6/28/95	KW
CADMIUM	N/D		0.5	< 1.0	6010A	6/28/95	KW
CHROMIUM	N/D		1.0	< 5.0	6010A	6/28/95	KW
COPPER	N/D		1.0	< 100.0	6010A	6/28/95	KW
LEAD	N/D		1.0	< 5.0	6010A	6/28/95	KW
MERCURY	N/D		0.10	< 0.2	7470A	6/28/95	DB
NICKEL	N/D		1.0	< 35.0	6010A	6/28/95	KW
SELENIUM	N/D		0.50	< 1.0	6010A	6/28/95	KW
SILVER	N/D		1.0	< 5.0	6010A	6/28/95	KW
ZINC	N/D		5.0	< 200.0	6010A	6/28/95	KW
TCLP SEMI-VOLATILES:		mg/l			SW-846 8270B	6/27/95	EH
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			
HEXACHLORO-1,3-BUTADIENE	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			

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IN: DLB

TEST REPORT

MAS #:5 0 6 2 3 0 0 4

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 40F 06/21/95 1311
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP VOLATILES		mg/l			SW-846 8010B/8020AM	6/28/95	DM
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			

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IN: DLB
PAGE 1 OF 2

TEST REPORT

MAS #:5 0 6 2 3 0 0 5

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 50F,50X,50Y,50Z 06/21/95 1400
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
* pH/CORROSIVITY	8.08	UNITS	----	2.0 ≤pH≤ 12.5	SW-846 9045B	6/24/95	BB
SPECIFIC GRAVITY	1.9	---	----	----	ASTM D5057	6/26/95	CH
TOTAL SOLIDS	88	%	----	----	EPA 160.3	6/27/95	CH
PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	SW-846 9095	6/27/95	DB
IGNITIBILITY	> 200	F	----	> 140	SW-846 1010	6/24/95	BB
**CHLORINE	N/D	%	0.1	< 1.0	SW-846 9076	6/26/95	CH
REACTIVE SULFIDE	N/D	mg/kg	50	< 50	SW-846 7.3.4.2	6/24/95	BB
REACTIVE CYANIDE	N/D	mg/kg	10	< 50	SW-846 7.3.3.2	6/24/95	BB
TCLP PHENOL	N/D	mg/l	0.1	< 2000	EPA 420.1	6/27/95	BB
PCB:		mg/kg		< 50	SW-846 8080A	6/28/95	MH
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 23.7°C.
**ANALYZED AS TOTAL HALOGENS.

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TEST REPORT

MAS #:5 0 6 2 3 0 0 5

(continued)

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 50F,50X,50Y,50Z 06/21/95 1400
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP METALS :		mg/l			SW-846		
ARSENIC	N/D		1.0	< 5.0	6010A	6/28/95	KW
BARIUM	N/D		5.0	< 100.0	6010A	6/28/95	KW
CADMIUM	N/D		0.5	< 1.0	6010A	6/28/95	KW
CHROMIUM	N/D		1.0	< 5.0	6010A	6/28/95	KW
COPPER	1.6		1.0	< 100.0	6010A	6/28/95	KW
LEAD	12		1.0	< 5.0	6010A	6/28/95	KW
MERCURY	N/D		0.10	< 0.2	7470A	6/28/95	DB
NICKEL	N/D		1.0	< 35.0	6010A	6/28/95	KW
SELENIUM	N/D		0.50	< 1.0	6010A	6/28/95	KW
SILVER	N/D		1.0	< 5.0	6010A	6/28/95	KW
ZINC	14		5.0	< 200.0	6010A	6/28/95	KW
TCLP SEMI-VOLATILES:		mg/l			SW-846 8270B	6/27/95	EH
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			
HEXACHLORO-1,3-BUTADIENE	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			

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TEST REPORT

MAS #:5 0 6 2 3 0 0 6

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 50X 06/21/95 1408
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP VOLATILES		mg/l			SW-846 8010B/8020AM	6/28/95	DM
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			

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TEST REPORT

MAS #:5 0 6 2 3 0 0 8

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 35E 06/21/95 1239
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP VOLATILES		mg/l			SW-846 8010B/8020AM	6/28/95	DM
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			

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TEST REPORT

MAS #:5 0 6 2 3 0 0 7

(continued)

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 35C,35A,35E,35D 06/21/95 1230
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP METALS :		mg/l			SW-846		
ARSENIC	N/D		1.0	< 5.0	6010A	6/28/95	KW
BARIUM	N/D		5.0	< 100.0	6010A	6/28/95	KW
CADMIUM	N/D		0.5	< 1.0	6010A	6/28/95	KW
CHROMIUM	N/D		1.0	< 5.0	6010A	6/28/95	KW
COPPER	N/D		1.0	< 100.0	6010A	6/28/95	KW
LEAD	N/D		1.0	< 5.0	6010A	6/28/95	KW
MERCURY	N/D		0.10	< 0.2	7470A	6/28/95	DB
NICKEL	N/D		1.0	< 35.0	6010A	6/28/95	KW
SELENIUM	N/D		0.50	< 1.0	6010A	6/28/95	KW
SILVER	N/D		1.0	< 5.0	6010A	6/28/95	KW
ZINC	N/D		5.0	< 200.0	6010A	6/28/95	KW
TCLP SEMI-VOLATILES:		mg/l			SW-846 8270B	6/27/95	EH
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			
HEXACHLORO-1,3-BUTADIENE	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			

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TEST REPORT

MAS #:5 0 6 2 3 0 0 7

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 35C,35A,35E,35D 06/21/95 1230
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
* pH/CORROSIVITY	8.34	UNITS	----	2.0 ≤pH≤ 12.5	SW-846 9045B	6/24/95	BB
SPECIFIC GRAVITY	2.1	---	----	----	ASTM D5057	6/26/95	CH
TOTAL SOLIDS	90	%	----	----	EPA 160.3	6/27/95	CH
PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	SW-846 9095	6/27/95	DB
IGNITIBILITY	> 200	F	----	> 140	SW-846 1010	6/24/95	BB
**CHLORINE	N/D	%	0.1	< 1.0	SW-846 9076	6/26/95	CH
REACTIVE SULFIDE	N/D	mg/kg	50	< 50	SW-846 7.3.4.2	6/24/95	BB
REACTIVE CYANIDE	N/D	mg/kg	10	< 50	SW-846 7.3.3.2	6/24/95	BB
TCLP PHENOL	N/D	mg/l	0.1	< 2000	EPA 420.1	6/27/95	BB
PCB:		mg/kg		< 50	SW-846 8080A	6/28/95	MH
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 22.5°C.
**ANALYZED AS TOTAL HALOGENS.

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TEST REPORT

MAS #:5 0 6 2 3 0 0 9

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 4A,1D,1E,1X 06/21/95 1033
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
* pH/CORROSIVITY	8.53	UNITS	----	2.0 ≤pH≤ 12.5	SW-846 9045B	6/24/95	BB
SPECIFIC GRAVITY	2.0	---	----	----	ASTM D5057	6/26/95	CH
TOTAL SOLIDS	92	%	----	----	EPA 160.3	6/27/95	CH
PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	SW-846 9095	6/27/95	DB
IGNITIBILITY	> 200	F	----	> 140	SW-846 1010	6/24/95	BB
**CHLORINE	N/D	%	0.1	< 1.0	SW-846 9076	6/26/95	CH
REACTIVE SULFIDE	N/D	mg/kg	50	< 50	SW-846 7.3.4.2	6/24/95	BB
REACTIVE CYANIDE	N/D	mg/kg	10	< 50	SW-846 7.3.3.2	6/24/95	BB
TCLP PHENOL	N/D	mg/l	0.1	< 2000	EPA 420.1	6/27/95	BB
PCB:		mg/kg		< 50	SW-846 8080A	6/28/95	MH
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 23.5°C.
**ANALYZED AS TOTAL HALOGENS.

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TEST REPORT

MAS #:5 0 6 2 3 0 0 9

(continued)

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 4A,1D,1E,1X 06/21/95 1033
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP METALS :		mg/l			SW-846		
ARSENIC	N/D		1.0	< 5.0	6010A	6/28/95	KW
BARIUM	N/D		5.0	< 100.0	6010A	6/28/95	KW
CADMIUM	N/D		0.5	< 1.0	6010A	6/28/95	KW
CHROMIUM	N/D		1.0	< 5.0	6010A	6/28/95	KW
COPPER	N/D		1.0	< 100.0	6010A	6/28/95	KW
LEAD	N/D		1.0	< 5.0	6010A	6/28/95	KW
MERCURY	N/D		0.10	< 0.2	7470A	6/28/95	DB
NICKEL	N/D		1.0	< 35.0	6010A	6/28/95	KW
SELENIUM	N/D		0.50	< 1.0	6010A	6/28/95	KW
SILVER	N/D		1.0	< 5.0	6010A	6/28/95	KW
ZINC	N/D		5.0	< 200.0	6010A	6/28/95	KW
TCLP SEMI-VOLATILES:		mg/l			SW-846 8270B	6/27/95	EH
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			
HEXACHLORO-1,3-BUTADIENE	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			

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IN: DLB

TEST REPORT

MAS #:5 0 6 2 3 0 1 0

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 4A 06/21/95 1055
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP VOLATILES		mg/l			SW-846 8010B/8020AM	6/29/95	DM
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			

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TEST REPORT

MAS #:5 0 6 2 3 0 1 1

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 53A,53B,53C,53D 06/21/95 1326
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
* pH/CORROSIVITY	8.46	UNITS	----	2.0 ≤pH≤ 12.5	SW-846 9045B	6/24/95	BB
SPECIFIC GRAVITY	2.0	---	----	----	ASTM D5057	6/26/95	CH
TOTAL SOLIDS	90	%	----	----	EPA 160.3	6/27/95	CH
PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	SW-846 9095	6/27/95	DB
IGNITIBILITY	> 200	F	----	> 140	SW-846 1010	6/24/95	BB
**CHLORINE	N/D	%	0.1	< 1.0	SW-846 9076	6/26/95	CH
REACTIVE SULFIDE	N/D	mg/kg	50	< 50	SW-846 7.3.4.2	6/24/95	BB
REACTIVE CYANIDE	N/D	mg/kg	10	< 50	SW-846 7.3.3.2	6/24/95	BB
TCLP PHENOL	N/D	mg/l	0.1	< 2000	EPA 420.1	6/27/95	BB
PCB:		mg/kg		< 50	SW-846 8080A	6/28/95	MH
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 21.8°C.
**ANALYZED AS TOTAL HALOGENS.

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TEST REPORT

MAS #:5 0 6 2 3 0 1 1

(continued)

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 53A,53B,53C,53D 06/21/95 1326
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP METALS :		mg/l			SW-846		
ARSENIC	N/D		1.0	< 5.0	6010A	6/28/95	KW
BARIUM	N/D		5.0	< 100.0	6010A	6/28/95	KW
CADMIUM	N/D		0.5	< 1.0	6010A	6/28/95	KW
CHROMIUM	N/D		1.0	< 5.0	6010A	6/28/95	KW
COPPER	N/D		1.0	< 100.0	6010A	6/28/95	KW
LEAD	1.9		1.0	< 5.0	6010A	6/28/95	KW
MERCURY	N/D		0.10	< 0.2	7470A	6/28/95	DB
NICKEL	N/D		1.0	< 35.0	6010A	6/28/95	KW
SELENIUM	N/D		0.50	< 1.0	6010A	6/28/95	KW
SILVER	N/D		1.0	< 5.0	6010A	6/28/95	KW
ZINC	N/D		5.0	< 200.0	6010A	6/28/95	KW
CLP SEMI-VOLATILES:		mg/l			SW-846 8270B	6/27/95	EH
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			
HEXACHLORO-1,3-BUTADIENE	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			

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TEST REPORT

MAS #:5 0 6 2 3 0 1 2

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 53D 06/21/95 1330
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP VOLATILES		mg/l			SW-846 8010B/8020AM	6/29/95	DM
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			

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TEST REPORT

MAS #:5 0 6 2 3 0 1 3

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 70A,70B,70C,70D 06/21/95 1444
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
* pH/CORROSIVITY	9.23	UNITS	----	2.0 ≤pH≤ 12.5	SW-846 9045B	6/24/95	BB
SPECIFIC GRAVITY	2.2	---	----	----	ASTM D5057	6/26/95	CH
TOTAL SOLIDS	94	%	----	----	EPA 160.3	6/27/95	CH
PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	SW-846 9095	6/27/95	DB
.NITIBILITY	> 200	F	----	> 140	SW-846 1010	6/24/95	BB
**CHLORINE	N/D	%	0.1	< 1.0	SW-846 9076	6/26/95	CH
REACTIVE SULFIDE	N/D	mg/kg	50	< 50	SW-846 7.3.4.2	6/24/95	BB
REACTIVE CYANIDE	N/D	mg/kg	10	< 50	SW-846 7.3.3.2	6/24/95	BB
TCLP PHENOL	N/D	mg/l	0.1	< 2000	EPA 420.1	6/27/95	BB
PCB:		mg/kg		< 50	SW-846 8080A	6/28/95	MH
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 22.7°C.
**ANALYZED AS TOTAL HALOGENS.

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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 6 2 3 0 1 3

(continued)

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 70A,70B,70C,70D 06/21/95 1444
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP METALS :		mg/l			SW-846		
ARSENIC	N/D		1.0	< 5.0	6010A	6/28/95	KW
BARIUM	N/D		5.0	< 100.0	6010A	6/28/95	KW
CADMIUM	N/D		0.5	< 1.0	6010A	6/28/95	KW
CHROMIUM	N/D		1.0	< 5.0	6010A	6/28/95	KW
COPPER	N/D		1.0	< 100.0	6010A	6/28/95	KW
LEAD	N/D		1.0	< 5.0	6010A	6/28/95	KW
MERCURY	N/D		0.10	< 0.2	7470A	6/28/95	DB
NICKEL	N/D		1.0	< 35.0	6010A	6/28/95	KW
SELENIUM	N/D		0.50	< 1.0	6010A	6/28/95	KW
SILVER	N/D		1.0	< 5.0	6010A	6/28/95	KW
ZINC	N/D		5.0	< 200.0	6010A	6/28/95	KW
TCLP SEMI-VOLATILES:		mg/l			SW-846 8270B	6/27/95	EH
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			
HEXACHLORO-1,3-BUTADIENE	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			

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TEST REPORT

MAS #:5 0 6 2 3 0 1 4

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 44D 06/21/95 1425
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 06/28/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
METHYLENE CHLORIDE	N/D	5.0

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TEST REPORT

MAS #:5 0 6 2 3 0 1 5

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 44D 06/21/95 1425
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
* pH/CORROSIVITY	8.45	UNITS	----	2.0 ≤pH≤ 12.5	SW-846 9045B	6/24/95	BB
SPECIFIC GRAVITY	2.1	---	----	----	ASTM D5057	6/26/95	CH
TOTAL SOLIDS	91	%	----	----	EPA 160.3	6/27/95	CH
PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	SW-846 9095	6/27/95	DB
IGNITIBILITY	> 200	F	----	> 140	SW-846 1010	6/24/95	BB
**CHLORINE	N/D	%	0.1	< 1.0	SW-846 9076	6/26/95	CH
REACTIVE SULFIDE	N/D	mg/kg	50	< 50	SW-846 7.3.4.2	6/24/95	BB
REACTIVE CYANIDE	N/D	mg/kg	10	< 50	SW-846 7.3.3.2	6/24/95	BB
TCLP PHENOL	N/D	mg/l	0.1	< 2000	EPA 420.1	6/27/95	BB
PCB:		mg/kg		< 50	SW-846 8080A	6/28/95	MH
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 22.8°C.
**ANALYZED AS TOTAL HALOGENS.

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TEST REPORT

MAS #:5 0 6 2 3 0 1 5

(continued)

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 44D 06/21/95 1425
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP METALS :		mg/l			SW-846		
ARSENIC	N/D		1.0	< 5.0	6010A	6/28/95	KW
BARIUM	N/D		5.0	< 100.0	6010A	6/28/95	KW
CADMIUM	N/D		0.5	< 1.0	6010A	6/28/95	KW
CHROMIUM	N/D		1.0	< 5.0	6010A	6/28/95	KW
COPPER	N/D		1.0	< 100.0	6010A	6/28/95	KW
LEAD	N/D		1.0	< 5.0	6010A	6/28/95	KW
MERCURY	N/D		0.10	< 0.2	7470A	6/28/95	DB
NICKEL	N/D		1.0	< 35.0	6010A	6/28/95	KW
SELENIUM	N/D		0.50	< 1.0	6010A	6/28/95	KW
SILVER	N/D		1.0	< 5.0	6010A	6/28/95	KW
ZINC	N/D		5.0	< 200.0	6010A	6/28/95	KW
TCLP VOLATILES		mg/l			SW-846 8010B/8020AM	6/29/95	DM
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			
TCLP SEMI-VOLATILES:		mg/l			SW-846 8270B	6/27/95	EH
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			
HEXACHLORO-1,3-BUTADIENE	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			

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TEST REPORT

MAS #: 5 0 6 2 3 0 1 6

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 10G 06/21/95 1128
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
* pH/CORROSIVITY	7.81	UNITS	----	2.0 ≤pH≤ 12.5	SW-846 9045B	6/24/95	BB
SPECIFIC GRAVITY	2.2	---	----	----	ASTM D5057	6/26/95	CH
TOTAL SOLIDS	97	%	----	----	EPA 160.3	6/27/95	CH
PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	SW-846 9095	6/27/95	DB
IGNITIBILITY	> 200	F	----	> 140	SW-846 1010	6/24/95	BB
**CHLORINE	N/D	%	0.1	< 1.0	SW-846 9076	6/26/95	CH
REACTIVE SULFIDE	N/D	mg/kg	50	< 50	SW-846 7.3.4.2	6/24/95	BB
REACTIVE CYANIDE	N/D	mg/kg	10	< 50	SW-846 7.3.3.2	6/24/95	BB
TCLP PHENOL	N/D	mg/l	0.1	< 2000	EPA 420.1	6/28/95	BB
PCB:		mg/kg		< 50	SW-846 8080A	6/28/95	MH
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 22.0°C.
**ANALYZED AS TOTAL HALOGENS.

Krystyna Czyzo

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TEST REPORT

MAS #:5 0 6 2 3 0 1 6

(continued)

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 10G 06/21/95 1128
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP METALS :		mg/l			SW-846		
ARSENIC	N/D		1.0	< 5.0	6010A	6/28/95	KW
BARIUM	N/D		5.0	< 100.0	6010A	6/28/95	KW
CADMIUM	N/D		0.5	< 1.0	6010A	6/28/95	KW
CHROMIUM	N/D		1.0	< 5.0	6010A	6/28/95	KW
COPPER	N/D		1.0	< 100.0	6010A	6/28/95	KW
LEAD	N/D		1.0	< 5.0	6010A	6/28/95	KW
MERCURY	N/D		0.10	< 0.2	7470A	6/28/95	DB
NICKEL	N/D		1.0	< 35.0	6010A	6/28/95	KW
SELENIUM	N/D		0.50	< 1.0	6010A	6/28/95	KW
SILVER	N/D		1.0	< 5.0	6010A	6/28/95	KW
ZINC	N/D		5.0	< 200.0	6010A	6/28/95	KW
TCLP VOLATILES		mg/l			SW-846 8010B/8020AM	6/29/95	DM
BENZENE	N/D		0.15	< 0.5			
CARBON TETRACHLORIDE	N/D		0.15	< 0.5			
CHLOROBENZENE	0.74		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			
TCLP SEMI-VOLATILES:		mg/l			SW-846 8270B	6/27/95	EH
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			
HEXACHLORO-1,3-BUTADIENE	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
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 1 7

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 10G 06/21/95 1128
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 06/28/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
METHYLENE CHLORIDE	N/D	5.0

Krystyna Czyzo

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Lab. Quality Manager

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IN: DLB

TEST REPORT

MAS #:5 0 6 2 3 0 1 8

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 70D 06/21/95 1444
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP VOLATILES		mg/l			SW-846 8010B/8020AM	6/29/95	DM
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			

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Lab. Quality Manager

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IN: DLB

TEST REPORT

MAS #:5 0 6 2 3 0 1 9

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

DATE COMPLETED: 05-Jul-95
P.O. #: W943324.21

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 48C 06/21/95 1344
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
* pH/CORROSIVITY	8.96	UNITS	----	2.0 ≤pH≤ 12.5	SW-846 9045B	6/24/95	BB
SPECIFIC GRAVITY	2.2	---	----	----	ASTM D5057	6/26/95	CH
TOTAL SOLIDS	90	%	----	----	EPA 160.3	6/26/95	MH
PAINT FILTER TEST	0% FREE LIQUIDS		----	0%	SW-846 9095	6/27/95	DB
IGNITIBILITY	> 200	F	----	> 140	SW-846 1010	6/24/95	BB
**CHLORINE	N/D	%	0.1	< 1.0	SW-846 9076	6/26/95	CH
REACTIVE SULFIDE	N/D	mg/kg	50	< 50	SW-846 7.3.4.2	6/24/95	BB
REACTIVE CYANIDE	N/D	mg/kg	10	< 50	SW-846 7.3.3.2	6/24/95	BB
TCLP PHENOL	N/D	mg/l	0.1	< 2000	EPA 420.1	6/28/95	BB
PCB:		mg/kg		< 50	SW-846 8080A	6/28/95	MH
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 23.3°C.
**ANALYZED AS TOTAL HALOGENS.

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Lab. Quality Manager

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TEST REPORT

MAS #:5 0 6 2 3 0 1 9

(continued)

PROJECT: CHRYSLER CORP.
SAMPLE IDENTIFICATION: 48C 06/21/95 1344
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS	DETECTION LIMIT	PARKVIEW ACCEPTANCE LIMITS	METHOD #	DATE ANAL.	LAB TECH
TCLP METALS :		mg/l			SW-846		
ARSENIC	N/D		1.0	< 5.0	6010A	6/28/95	KW
BARIUM	N/D		5.0	< 100.0	6010A	6/28/95	KW
CADMIUM	N/D		0.5	< 1.0	6010A	6/28/95	KW
CHROMIUM	N/D		1.0	< 5.0	6010A	6/28/95	KW
COPPER	N/D		1.0	< 100.0	6010A	6/28/95	KW
LEAD	N/D		1.0	< 5.0	6010A	6/28/95	KW
MERCURY	N/D		0.10	< 0.2	7470A	6/28/95	DB
NICKEL	N/D		1.0	< 35.0	6010A	6/28/95	KW
SELENIUM	N/D		0.50	< 1.0	6010A	6/28/95	KW
SILVER	N/D		1.0	< 5.0	6010A	6/28/95	KW
ZINC	N/D		5.0	< 200.0	6010A	6/28/95	KW
TCLP VOLATILES		mg/l			SW-846 8010B/8020AM	6/29/95	DM
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			
TCLP SEMI-VOLATILES:		mg/l			SW-846 8270B	6/27/95	EH
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			
HEXACHLORO-1,3-BUTADIENE	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
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IN: DLB

TEST REPORT

MAS #:5 0 6 2 3 0 1 9

(continued)

PROJECT: CHRYSLER CORP.

SAMPLE IDENTIFICATION: 48C 06/21/95 1344
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 06/28/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
METHYLENE CHLORIDE	N/D	5.0

Krystyna Czyzo
Lab. Quality Manager

MILWAUKEE ANALYTICAL SERVICES, INC.
325 E. CHICAGO
MILWAUKEE, WI. 53202

CHAIN OF CUSTODY RECORD & SAMPLE ANALYSIS REQUEST

PHONE#: (414) 291-3788
FAX#: (414) 291-3799

CLIENT: Triad Engineering | SAMPLE COLLECTOR: JMR
P.O.#: W943324.21 | RELEASE OR REFERENCE
JOB #: | F/N | TEL #: 414 291 8840
PROJECT: Chrysler-Corp
RESULTS TO THE ATTENTION OF: Ross C. | NEED FAXED: YES: ☐ NO: ☐ 291 8841

PAGE 2 OF 2
NORMAL X
RUSH

DETECTION LIMITS (DL)

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE *ORIGIN	SAMPLE MATRIX	ANALYSIS METHOD (DL) Protocol B (Full)	ANALYSIS METHOD (DL) VOA 8260	ANALYSIS METHOD (DL) TCLP VOA	ANALYSIS METHOD (DL)	ANALYSIS METHOD (DL)	ANALYSIS METHOD (DL)	#	CONTAINERS SIZE	CONTAINERS TYPE (G-GLASS P-PLASTIC)	PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
16	10G		6-21-95/1128	7	S	X						3	4oz-40z	G	—	50823016
17	10G		6-21-95/1128	7	S		X					1	40z	G	—	017
18	40d		6-21-95/1444	7	S			X				1	40z	G	—	018
19	48C		6-21-95/1344	7	S	X	X					4	4oz-40z	G	—	019

Brown (Soil)

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

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME
[signature]	6-21-95/5pm	[signature]	6/22/95 AM
[signature]	6/23/95 330pm	RECEIVED FOR LAB BY: [signature]	6/23/95 3:30pm

* 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 X NOT SEALED
RECEIVED BY:
MAIL X DROP OFF

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

COMMENTS: VOA's 8260 just for Methylene Chloride

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MIDWEST ANALYTICAL LABORATORIES, INC.
METROPOLITAN CENTER FOR HIGH TECHNOLOGY
2727 SECOND AVENUE DETROIT, MI 48201
PHONE#: (800) 301-4MAS
(313) 964-3680
FAX#: (313) 964-2339

CHAIN CUSTODY RECORD & SAMPLE ANALYSIS REQUEST

PAGE 1 OF 2

NORMAL X

RUSH

Final Engineering | SAMPLE COLLECTOR: JMR

P.O.#: W943324.21 | RELEASE OR REFERENCE

JOB #: F/N | TEL #: 4142918840

PROJECT: Chrysler Corp

RESULTS TO THE ATTENTION OF: Ross Creighton | NEED FAXED: YES: X NO: ☐ 2918841

G-GLASS P-PLASTIC Brown (Soil)

DETECTION LIMITS (DL)

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE *ORIGIN	SAMPLE MATRIX	ANALYSIS METHOD PROTOCOL B DL	ANALYSIS METHOD TCLP VOCS DL	ANALYSIS METHOD VOCS (8260) DL	ANALYSIS METHOD DL	ANALYSIS METHOD DL	#	CONTAINERS SIZE	CONTAINERS TYPE	PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
1	19f, 22e, 22a, 23e		6-21-95/1150	7	S	X					3	4oz 40z	G	—	501623001
2	22a		6-21-95/1202	7	S		X				1	40z	G	—	002
3	40f, 40x, 40y, 34c		6-21-95/1306	7	S	X					3	4oz 40z	G	—	003
4	40f		6-21-95/1311	7	S		X				1	40z	G	—	004
5	50f, 50x, 50y, 50z		6-21-95/1400	7	S	X					3	4oz 40z	G	—	005
6	50x		6-21-95/1408	7	S		X				1	40z	G		006
7	35e, 35a, 35c, 35d		6-21-95/1230	7	S	X					3	4oz 40z	G	—	007
8	35e		6-21-95/1239	7	S		X				1	40z	G	—	008
9	4a, 1d, 1e, 1x		6-21-95/1033	7	S	X					3	4oz 40z	G	—	009
10	4a		6-21-95/1055	7	S		X				1	40z	G	—	010
11	53a, 53b, 53c, 53d		6-21-95/1326	7	S	X					3	4oz 40z	G	—	011
12	53d		6-21-95/1330	7	S		X				1	40z	G	—	012
13	70A, 70B, 70C, 70d		6-21-95/1444	7	S	X					3	4oz 40z	G	—	013
14	44d		6-21-95/1425	7	S			X			1	40z	G	—	014
15	44d		6-21-95/1425	7	S	X*					3	4oz 40z	G	—	015

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

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME
Jim Ryan	6-21-95/5pm	NMS	6/22/95 9AM
NMS	6/23/95 330pm	RECEIVED FOR LAB BY:	6/23/95 3:20pm

* 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 X NOT SEALED ☐
RECEIVED BY:
MAIL ☐ DROP OFF ☐

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

COMMENTS: @ Run Protocol B (except TCLP VOCs), (* Run Full Protocol B here.)
VOCs 8260 just for Methylene Chloride

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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 : 11-Apr-95

Client : ROSS CREIGHTON
: TRIAD ENGINEERING, INC.

Mas# : 50403020-027

PROJECT: : CHRYSLER

Sample I.D. : 1D, 2E, 5E, 4A, 1B2, 6B, 6F, 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)
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

Krystyna Czyzo
Lab. Quality Manager

Midwest Analytical Services, Inc.
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IN: DLB

TEST REPORT

MAS #:5 0 4 0 3 0 2 0

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

DATE COMPLETED: 11-Apr-95

JOB #: W943324.20

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 1D 03/30/95 1307
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/07/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/05/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	24	10

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

*EXTENDED TIME WINDOW (+5 MINUTES)

Krystyna Czyzo

Krystyna Czyzo
Lab. Quality Manager

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IN: DLB

TEST REPORT

MAS #:5 0 4 0 3 0 2 0

(continued)

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 1D 03/30/95 1307
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/05/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE	N/D	5
n-BUTYLBENZENE	16	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	120	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	7.9	5
TOLUENE	10	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	5.3	5
TRICHLOROETHENE	420	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	35	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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IN: DLB

TEST REPORT

MAS #:5 0 4 0 3 0 2 1

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

DATE COMPLETED: 11-Apr-95

JOB #: W943324.20

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 2E 03/30/95 1312
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/07/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/05/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	21	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: NO
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

*EXTENDED TIME WINDOW (+5 MINUTES)

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TEST REPORT

MAS #:5 0 4 0 3 0 2 1

(continued)

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 2E 03/30/95 1312
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/05/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE .	N/D	5
n-BUTYLBENZENE	12	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE .	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE .	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	54	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	17	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	160	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	29	5
1,3,5-TRIMETHYLBENZENE	5.1	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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TEST REPORT

MAS #:5 0 4 0 3 0 2 2

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

DATE COMPLETED: 11-Apr-95

JOB #: W943324.20

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 5E 03/30/95 1338
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/07/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/05/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	N/D	10

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

*EXTENDED TIME WINDOW (+5 MINUTES)

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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 4 0 3 0 2 2

(continued)

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 5E 03/30/95 1338
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/05/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE	N/D	5
n-BUTYLBENZENE	14	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE	N/D	5
1,2-DICHLOROBENZENE	13	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	18	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	150	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT-BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	8.4	5
TOLUENE	16	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	8.8	5
TRICHLOROETHENE	440	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	34	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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TEST REPORT

MAS #:5 0 4 0 3 0 2 3

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

DATE COMPLETED: 11-Apr-95

JOB #: W943324.20

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 4A 03/30/95 1352
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/07/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/05/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	35	10

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

*EXTENDED TIME WINDOW (+5 MINUTES)

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TEST REPORT

MAS #:5 0 4 0 3 0 2 3

(continued)

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 4A 03/30/95 1352
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/05/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	5.7	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	650	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT-BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	20	5
TOLUENE	11	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	6.5	5
*TRICHLOROETHENE	540	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	7.6	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

* 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.

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TEST REPORT

MAS #:5 0 4 0 3 0 2 3

(continued)

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 4A 03/30/95 1352
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS (DRY WEIGHT)	DETECTION LIMIT	METHOD #	DATE ANAL.	LAB TECH
TOTAL METALS :		mg/kg				
ARSENIC	3.7		0.10	SW-846 6010A	KW	4/06/95
BARIUM	283		1.0	SW-846 6010A	KW	4/07/95
CADMIUM	0.61		0.40	SW-846 6010A	KW	4/06/95
CHROMIUM	77		2.5	SW-846 6010A	KW	4/07/95
LEAD	2,260		0.50	SW-846 7420	KW	4/05/95
MERCURY	N/D		0.10	SW-846 7471A	KW	4/06/95
SELENIUM	N/D		0.50	SW-846 7741A	KW	4/06/95
SILVER	N/D		0.50	SW-846 6010A	KW	4/06/95

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TEST REPORT

MAS #:5 0 4 0 3 0 2 4

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

DATE COMPLETED: 11-Apr-95

JOB #: W943324.20

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 1B2 03/30/95 1259
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/07/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/05/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	N/D	10

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

*EXTENDED TIME WINDOW (+5 MINUTES)

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TEST REPORT

MAS #:5 0 4 0 3 0 2 4

(continued)

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 1B2 03/30/95 1259
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/05/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	42	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	19	5
1,3-DICHLOROBENZENE	61	5
1,4-DICHLOROBENZENE	68	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	1,100	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	11	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	6.5	5
TOLUENE	7.2	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	42	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	150	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	8.4	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

* 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

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TEST REPORT

MAS #:5 0 4 0 3 0 2 5

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

DATE COMPLETED: 11-Apr-95

JOB #: W943324.20

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 6B 03/30/95 1327
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/07/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/05/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	480	10

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

*EXTENDED TIME WINDOW (+5 MINUTES)

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 0 3 0 2 5

(continued)

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 6B 03/30/95 1327
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/05/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	9.7	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	10	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	6.6	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	6.6	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	13	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

Krystyna Czyzo
Lab. Quality Manager

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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 4 0 3 0 2 6

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

DATE COMPLETED: 11-Apr-95

JOB #: W943324.20

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 6F 03/30/95 1322
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/07/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/05/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	730	10

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

*EXTENDED TIME WINDOW (+5 MINUTES)

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 0 3 0 2 6

(continued)

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: 6F 03/30/95 1322
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/05/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	5.7	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	14	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	170	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	6.8	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	17	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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TEST REPORT

MAS #:5 0 4 0 3 0 2 7

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

DATE COMPLETED: 11-Apr-95

JOB #: W943324.20

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: METHANOL BLANK 03/30/95
PHYSICAL DESCRIPTION: LIQUID

DATE ANALYZED: 04/07/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/l)	DETECTION LIMIT (mg/l)
GASOLINE RANGE ORGANICS	N/D	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): LIQUID
WAS SAMPLE ANALYZED WITHIN HOLDING TIME? YES

Krystyna Czyzo
Lab. Quality Manager

MIDWEST ANALYTICAL SERVICES,INC.
METROPOLITAN CENTER FOR HIGH TECHNOLOGY
2727 SECOND AVENUE DETROIT, MI 48201

CHAIN OF CUSTODY RECORD & SAMPLE ANALYSIS REQUEST

PHONE#: (800) 801-4MAS
(313) 964-3680
FAX#: (313) 964-2339

CLIENT: TRIAD ENGINEERING | SAMPLE COLLECTOR: KRW, GJM | PAGE 1 OF 1
P.O.#: | RELEASE OR REFERENCE | NORMAL X
JOB #: W943324.20 F/N | TEL #: 291-0840 | RUSH
PROJECT: CHRYSLER
RESULTS TO THE ATTENTION OF: ROSS CREIGHTON | NEED FAXED: YES ☐ NO ☒

DETECTION LIMITS (DL)

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE *ORIGIN	SAMPLE MATRIX	ANALYSIS METHOD VOC's 8260 (DL)	ANALYSIS METHOD DRO's WDNR MODIFIED (DL)	ANALYSIS METHOD GRO WDNR MODIFIED (DL)	ANALYSIS METHOD RCRA METALS VARIOUS (DL)	ANALYSIS METHOD (DL)	#	CONTAINERS SIZE	CONTAINERS TYPE (G-GLASS P-PLASTIC)	PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
1	1D		3/30/95 1307	7	SOIL	X	X	X			3		G	GRO MEOH	50403020
2	2E		3/30/95 1312	7	SOIL	X	X	X			3		G	GRO MEOH	021
3	5E		3/30/95 1338	7	SOIL	X	X	X			3		G	GRO MEOH	022
4	4A		3/30/95 1352	7	SOIL	X	X	X	X		4 DB		G	GRO MEOH	023
5	1B2		3/30/95 1259	7	SOIL	X	X	X			3		G	GRO MEOH	024
6	6B		3/30/95 1327	7	SOIL	X	X	X			3		G	GRO MEOH	025
7	6F		3/30/95 1322	7	SOIL	X	X	X			3		G	GRO MEOH	026
8	~~3E~~		~~3/30/95 1318~~	~~7~~	~~SOIL~~	~~X~~	~~X~~	~~X~~			~~3~~		G	GRO MEOH	
9	METHANOL BLANK		3/30/95					X			1		G	MEOH	027

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME
Doug Meinhardt	3/30/95 1405	Mike Sokol	3/31/95 930AM
Mike Sokol	4/1/95 1225	RECEIVED FOR LAB BY:	4/7/95 12:25p

* 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 3C
SEALED [X] NOT SEALED [ ]
RECEIVED BY:
MAIL [ ] DROP OFF [ ]

FIELD CHARGES:
FIELD HOURS
SET UP
ISCO CHARGE
CLIENT: ___ OF ___
C NC

COMMENTS: HOLD Item #8 (also did not have a container with Methanol preservation)

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

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Detroit, Michigan 48201

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

Date : 18-Apr-95

Client : KURT R. WALDHUETTER
: TRIAD ENGINEERING, INC.

Mas# : 50407049-063

PROJECT: : CHRYSLER SOIL PILE CHARACTERIZATION

Sample I.D. : 7B, 7F, 8E, 9E, 9G, 10G, 11B, 12B, 13A, 13C, 14A, 15B, 15E, 11C, 7B

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

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Detroit, Michigan 48201

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IN: DLB

TEST REPORT

MAS #:5 0 4 0 7 0 4 9

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 7B 04/05/95 1041
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
Lab. Quality Manager

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TEST REPORT

MAS #:5 0 4 0 7 0 4 9

(continued)

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 7B 04/05/95 1041
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/10/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	4.4	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	930	5
trans-1,2-DICHLOROETHENE	13	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	6.8	5
1,2,3-TRICHLOROBENZENE	11	5
1,2,4-TRICHLOROBENZENE	10	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	42	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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
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IN: DLB | **TEST REPORT** | **MAS #:5 0 4 0 7 0 5 0**

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 7F 04/05/95 1123
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	**SAMPLE RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
*DIESEL RANGE ORGANICS	1,600	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)
**NO SAMPLE FOR % SOLID WAS RECEIVED

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 0 7 0 5 1

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 8E 04/05/95 1054
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS (DRY WEIGHT)	DETECTION LIMIT	METHOD #	DATE ANAL.	LAB TECH
TOTAL METALS :		mg/kg				
ARSENIC	1.1		0.10	SW-846 6010A	KW	4/13/95
BARIUM	18		1.0	SW-846 6010A	KW	4/13/95
CADMIUM	N/D		0.40	SW-846 6010A	KW	4/13/95
CHROMIUM	4.0		2.5	SW-846 6010A	KW	4/13/95
LEAD	14		0.50	SW-846 6010A	KW	4/14/95
MERCURY	N/D		0.10	SW-846 7471A	KW	4/10/95
SELENIUM	N/D		0.50	SW-846 7741A	KW	4/13/95
SILVER	N/D		0.50	SW-846 6010A	KW	4/13/95

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TEST REPORT

MAS #:5 0 4 0 7 0 5 2

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 9E 04/05/95 1509
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 0 7 0 5 2

(continued)

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 9E 04/05/95 1509
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/10/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	1,400	5
trans-1,2-DICHLOROETHENE	180	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
*TRICHLOROETHENE	370	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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
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IN: DLB

TEST REPORT

MAS #:5 0 4 0 7 0 5 3

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 9G 04/05/95 1120
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	**SAMPLE RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
*DIESEL RANGE ORGANICS	1,200	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)
**NO SAMPLE FOR % SOLID WAS RECEIVED

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 0 7 0 5 4

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 10G 04/05/95 1148
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	14	10

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

Krystyna Czyzo

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 0 7 0 5 4

(continued)

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 10G 04/05/95 1148
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	9,100	5
trans-1,2-DICHLOROETHENE	200	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	55	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	19	5
1,2,3-TRICHLOROBENZENE	19	5
1,2,4-TRICHLOROBENZENE	31	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
*TRICHLOROETHENE	11,000	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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.

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TEST REPORT

MAS #:5 0 4 0 7 0 5 5

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 11B 04/05/95 1207
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

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TEST REPORT

MAS #:5 0 4 0 7 0 5 5

(continued)

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 11B 04/05/95 1207
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/11/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	18	5
1,3-DICHLOROBENZENE	100	5
1,4-DICHLOROBENZENE	120	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	8.8	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	2,500	5
trans-1,2-DICHLOROETHENE	51	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	5.6	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	5.1	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	91	5
*1,2,4-TRICHLOROBENZENE	790	5
1,1,1-TRICHLOROETHANE	85	5
1,1,2-TRICHLOROETHANE	N/D	5
*TRICHLOROETHENE	960	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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

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TEST REPORT

MAS #:5 0 4 0 7 0 5 6

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 12B 04/05/95 1401
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	1,700	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

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TEST REPORT

MAS #:5 0 4 0 7 0 5 6

(continued)

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 12B 04/05/95 1401
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	160	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	49	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	9.1	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
*TRICHLOROETHENE	240	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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.

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TEST REPORT

MAS #:5 0 4 0 7 0 5 7

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 13A 04/05/95 1415
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	150	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 0 7 0 5 7

(continued)

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 13A 04/05/95 1415
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/11/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	6.1	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	27	5
1,3-DICHLOROBENZENE	170	5
1,4-DICHLOROBENZENE	140	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	1,400	5
trans-1,2-DICHLOROETHENE	21	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	5.2	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	6.2	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	130	5
*1,2,4-TRICHLOROBENZENE	1,100	5
1,1,1-TRICHLOROETHANE	52	5
1,1,2-TRICHLOROETHANE	N/D	5
*TRICHLOROETHENE	260	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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
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: (313) 964-3680
Fax No: (313) 964-2339

IN: DLB

TEST REPORT

MAS #:5 0 4 0 7 0 5 8

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 13C 04/05/95 1428
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	**SAMPLE RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
*DIESEL RANGE ORGANICS	970	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)
**NO SAMPLE FOR % SOLID WAS RECEIVED

Krystyna Czyzo
Lab. Quality Manager

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TEST REPORT

MAS #:5 0 4 0 7 0 5 8

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 13C 04/05/95 1428
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
*DIESEL RANGE ORGANICS	970	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

Krystyna Czyzo

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TEST REPORT

MAS #:5 0 4 0 7 0 5 9

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 14A 04/05/95 1445
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	580	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 0 7 0 5 9

(continued)

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 14A 04/05/95 1445
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	3,600	5
trans-1,2-DICHLOROETHENE	140	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	50	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	8.0	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	16	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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.

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TEST REPORT

MAS #:5 0 4 0 7 0 6 0

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 15B 04/05/95 1458
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	**SAMPLE RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
*DIESEL RANGE ORGANICS	3,700	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)
**NO SAMPLE FOR % SOLID WAS RECEIVED

Krystyna Czyzo

Krystyna Czyzo
Lab. Quality Manager

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IN: DLB

TEST REPORT

MAS #:5 0 4 0 7 0 6 1

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 15E 04/05/95 1505
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	440	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo

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TEST REPORT

MAS #:5 0 4 0 7 0 6 1

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 15E 04/05/95 1505
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	440	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

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TEST REPORT

MAS #:5 0 4 0 7 0 6 1

(continued)

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 15E 04/05/95 1505
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/11/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	1,000	5
trans-1,2-DICHLOROETHENE	32	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	110	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	1.4	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	6.5	5
TOLUENE	8.5	5
1,2,3-TRICHLOROBENZENE	9.7	5
1,2,4-TRICHLOROBENZENE	16	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
*TRICHLOROETHENE	1,300	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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.

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TEST REPORT

MAS #:5 0 4 0 7 0 6 2

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 11C 04/05/95 1522
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/12/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	1,500	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 0 7 0 6 2

(continued)

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 11C 04/05/95 1522
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/11/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	N/D	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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TEST REPORT

MAS #:5 0 4 0 7 0 6 3

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 18-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
SAMPLE IDENTIFICATION: 7B 04/05/95 1041
PHYSICAL DESCRIPTION: LIQUID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/l)	DETECTION LIMIT (mg/l)
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
Lab. Quality Manager

MIDWEST ANALYTICAL SERVICES,INC.
METROPOLITAN CENTER FOR HIGH TECHNOLOGY
2727 SECOND AVENUE DETROIT, MI 48201

CHAIN OF CUSTODY RECORD & SAMPLE ANALYSIS REQUEST

PHONE#: (800) 801-4MAS
(313) 964-3680
FAX#: (313) 964-2339

CLIENT: TRIAD ENGINEERING
SAMPLE COLLECTOR: KURT R. WALDHUETTER
P.O.#.:
RELEASE OR REFERENCE
JOB #: W943324.21 F/N TEL #: 414-291-8840
PROJECT: CHRYSLER SOIL PILE CHARACTERIZATION
RESULTS TO THE ATTENTION OF: KURT WALDHUETTER
NEED FAXED: YES ☐ NO ☒

DETECTION LIMITS (DL)

PAGE 1 OF 1
NORMAL X
RUSH
G-GLASS P-PLASTIC BROWN (SOIL)

ITEM #	SAMPLE IDENTIFICATION	~~LOCATION~~ DATE SAMPLED	~~DATE/TIME~~ SAMPLED	SAMPLE *ORIGIN	SAMPLE MATRIX	ANALYSIS VOC's METHOD 8260 DL	ANALYSIS PRO +5 MINUTES METHOD WDNR MODIFIED DL	ANALYSIS GRO METHOD WDNR MODIFIED DL	ANALYSIS RCRA METALS METHOD VARIOUS DL	ANALYSIS METHOD	#	CONTAINERS SIZE	CONTAINERS TYPE	PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
1	7B	4/5/95	1041	7.	SOIL	X	X	X			4	4oz;			504070 49
2	7F		1123				X				1				050
3	8E		1054					X			1				051
4	9E		1509			X	X	X			4				052
5	9G		1120				X				1				053
6	10G		1148			X	X	X			4				054
7	11B		1207			X	X	X			4				055
8	12B		1401			X	X	X			4				056
9	13A		1415			X	X	X			4				057
10	13C		1428				X				1				058
11	14A		1445			X	X	X			4				059
12	15B		1458				X				1				060
13	15E		1505			X	X	X			4				061
14	11C		1522			X	X	X			4	VOC's - 2 oz; DRO - 2 oz; GRO - 4oz. METALS - 40z.	VOC's - VOA; DRO - VOA; GRO - VOA; METALS + PLASTIC	GRO PRESERVED WITH MeOH	062
15	TRIP BLANK						X				1				063

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME
Kurt F. Waldhuetter	4/6/95 852		4/6/95 9AM
	4/6/95 315		
		RECEIVED FOR LAB BY:	4/7/95 1:35

* 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 X NOT SEALED
RECEIVED BY:
MAIL DROP OFF

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

COMMENTS: WEIGHT OF SAMPLE CONTAINED IN VOA FOR DRO IS WRITTEN ON THE LID. METHANOL TRIP BLANK OPENED IN THE FIELD

YELLOW - DUPLICATE COPY
PINK- CLIENT COPY

Midwest Analytical Services, Inc.
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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 : 20-Apr-95

Client : KURT R. WALDHUETTER
: TRIAD ENGINEERING, INC.

Mas# : 50410001-033

PROJECT: : CHRYSLER MAIN PLANT SOIL PILES

Sample I.D. : 16A, 17E, 18F, 19F, 20E, 21E, 22E, 23F, 24F, 25E, 26E, TRIP BLANK, 27F, 28E, 29A, 28D, 31E, 32B, 30E, 30I, 34F, 35E, 36B, 37E, 38C, 39E, 40D, 40F, 53A, 41E, 42C, 33C, 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)

IT IS STRONGLY SUSPECTED, THAT THE METHYLENE CHLORIDE DETECTED IN THESE SAMPLES, IS DUE TO CONTAMINATION RESULTING FROM THE VOC SAMPLE CONTAINERS, BEING SHIPPED WITH THE DRO CONTAINERS PRESERVED WITH METHYLENE CHLORIDE.

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

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Detroit, Michigan 48201

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IN: DLB

TEST REPORT

MAS #:5 0 4 1 0 0 0 1

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 16A 04/06/95 1245
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	1,700	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

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TEST REPORT

MAS #:5 0 4 1 0 0 0 1

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 16A 04/06/95 1245
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/11/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	7.3	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	110	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	210	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	5.8	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	35	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	12	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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TEST REPORT

MAS #:5 0 4 1 0 0 0 2

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 17E 04/06/95 1302
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	790	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo

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TEST REPORT

MAS #:5 0 4 1 0 0 0 2

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 17E 04/06/95 1302
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/11/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	7.4	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	310	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	18	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	8.2	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	19	10
o-XYLENE	6.3	5

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TEST REPORT

MAS #:5 0 4 1 0 0 0 3

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 18F 04/06/95 1320
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	440	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	15	10

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

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TEST REPORT

MAS #:5 0 4 1 0 0 0 3

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 18F 04/06/95 1320
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/11/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE .	N/D	5
n-BUTYLBENZENE	13	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE .	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE .	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	1,300	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	11	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	12	5
1,2,4-TRICHLOROBENZENE	5.2	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	11	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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

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Lab. Quality Manager

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TEST REPORT

MAS #:5 0 4 1 0 0 0 4

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 19F 04/06/95 1346
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	160	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	14	10

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

PARAMETER	SAMPLE RESULT	UNITS (DRY WEIGHT)	DETECTION LIMIT	METHOD #	DATE ANAL.	LAB TECH
TOTAL METALS :		mg/kg				
ARSENIC	7.1		0.10	SW-846 6010A	KW	4/12/95
BARIUM	49		1.0	SW-846 6010A	KW	4/12/95
CADMIUM	0.55		0.40	SW-846 6010A	KW	4/12/95
CHROMIUM	11		2.5	SW-846 6010A	KW	4/12/95
LEAD	36		0.50	SW-846 6010A	KW	4/12/95
MERCURY	N/D		0.10	SW-846 7471A	KW	4/15/95
SELENIUM	N/D		0.50	SW-846 7741A	KW	4/12/95
SILVER	N/D		0.50	SW-846 6010A	KW	4/12/95

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TEST REPORT

MAS #:5 0 4 1 0 0 0 4

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 19F 04/06/95 1346
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/11/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	23	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	6.7	5
METHYLENE CHLORIDE	280	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	17	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	12	5
TOLUENE	7.4	5
1,2,3-TRICHLOROBENZENE	19	5
1,2,4-TRICHLOROBENZENE	19	5
1,1,1-TRICHLOROETHANE	5.9	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	29	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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IN: DLB

TEST REPORT

MAS #:5 0 4 1 0 0 0 5

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 20E 04/06/95 1422
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	1,700	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	14	10

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

Krystyna Czyzo

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TEST REPORT

MAS #:5 0 4 1 0 0 0 5

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 20E 04/06/95 1422
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	44	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	14	5
METHYLENE CHLORIDE	100	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	29	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	30	5
1,3,5-TRIMETHYLBENZENE	11	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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TEST REPORT

MAS #:5 0 4 1 0 0 0 6

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 21E 04/06/95 1438
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	960	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	18	10

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

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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 4 1 0 0 0 6

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 21E 04/06/95 1438
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	34	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	17	5
*METHYLENE CHLORIDE	880	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	33	5
n-PROPYL BENZENE	5.1	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	31	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

* 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.

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TEST REPORT

MAS #:5 0 4 1 0 0 0 7

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 22E 04/06/95 1402
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	43	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 4 1 0 0 0 7

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 22E 04/06/95 1402
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	5.9	5
sec-BUTYLBENZENE	11	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	450	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	6.6	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	93	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	7.6	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	35	5
1,3,5-TRIMETHYLBENZENE	20	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	10	10
o-XYLENE	N/D	5

*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.

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TEST REPORT

MAS #:5 0 4 1 0 0 0 8

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 23F 04/06/95 1502
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	1,200	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	11	10

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

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TEST REPORT

MAS #:5 0 4 1 0 0 0 8

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 23F 04/06/95 1502
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/13/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	50	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	7.8	5
p-ISOPROPYLTOLUENE	35	5
*METHYLENE CHLORIDE	380	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	28	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	19	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	5.3	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	8.5	5
1,3,5-TRIMETHYLBENZENE	19	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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

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TEST REPORT

MAS #:5 0 4 1 0 0 0 9

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 24F 04/06/95 1452
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	490	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	80	10

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

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TEST REPORT

MAS #:5 0 4 1 0 0 0 9

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 24F 04/06/95 1452
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/13/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	50
BROMOBENZENE	N/D	50
BROMODICHLOROMETHANE.	N/D	50
n-BUTYLBENZENE	N/D	50
sec-BUTYLBENZENE	N/D	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
2-CHLOROTOLUENE	N/D	50
4-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	610	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	N/D	50
HEXACHLOROBUTADIENE	N/D	50
ISOPROPYLBENZENE	N/D	50
p-ISOPROPYLTOLUENE	N/D	50
METHYLENE CHLORIDE	370	50
METHYL TERT BUTYL ETHER	N/D	500
NAPHTHALENE	1,700	50
n-PROPYL BENZENE	N/D	50
1,1,2,2-TETRACHLOROETHANE	N/D	50
TETRACHLOROETHENE	N/D	50
TOLUENE	N/D	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	220	50
TRICHLOROFLUOROMETHANE	N/D	50
1,2,4-TRIMETHYLBENZENE	N/D	50
1,3,5-TRIMETHYLBENZENE	N/D	50
VINYL CHLORIDE	N/D	50
m & p-XYLENES	N/D	100
o-XYLENE	N/D	50

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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 4 1 0 0 1 0

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 25E 04/06/95 1516
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/13/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	6.9	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	260	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	6.9	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	8.0	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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TEST REPORT

MAS #:5 0 4 1 0 0 1 0

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 25E 04/06/95 1516
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	870	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	28	10

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

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TEST REPORT

MAS #:5 0 4 1 0 0 1 1

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 26E 04/06/95 1528
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/13/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	350	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	160	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	5.9	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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.

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TEST REPORT

MAS #:5 0 4 1 0 0 1 1

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 26E 04/06/95 1528
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	890	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	12	10

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

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TEST REPORT

MAS #:5 0 4 1 0 0 1 2

KURT R. WALDHUETTER
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MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: TRIP BLANK 04/06/95
PHYSICAL DESCRIPTION: LIQUID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/l)	DETECTION LIMIT (mg/l)
GASOLINE RANGE ORGANICS	N/D	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): CLEAR LIQUID
WAS SAMPLE ANALYZED WITHIN HOLDING TIME? YES

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TEST REPORT

MAS #:5 0 4 1 0 0 1 3

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MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 27F 04/07/95 1200
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	**SAMPLE RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
*DIESEL RANGE ORGANICS	N/D	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: NO
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
*EXTENDED TIME WINDOW (+5 MINUTES)
**NO SAMPLE FOR DRY WEIGHT ANALYSIS WAS RECEIVED.

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TEST REPORT

MAS #:5 0 4 1 0 0 1 4

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 28E 04/07/95 1202
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/13/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	34	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	18	5
METHYLENE CHLORIDE	160	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	16	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	5.6	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	37	5
1,3,5-TRIMETHYLBENZENE	17	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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TEST REPORT

MAS #:5 0 4 1 0 0 1 4

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 28E 04/07/95 1202
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	28	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	14	10

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

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TEST REPORT

MAS #:50410015

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 29A 04/07/95 1208
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	47	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	520	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
*TRICHLOROETHENE	390	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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
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IN: DLB

TEST REPORT

MAS #:5 0 4 1 0 0 1 5

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 29A 04/07/95 1208
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	11	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo

Krystyna Czyzo
Lab. Quality Manager

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TEST REPORT

MAS #:5 0 4 1 0 0 1 6

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 28D 04/07/95 1216
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	1,500	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	28	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	20	5
1,2,4-TRICHLOROBENZENE	8.7	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	25	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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.

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TEST REPORT

MAS #:5 0 4 1 0 0 1 6

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 28D 04/07/95 1216
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	920	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
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PAGE 2 OF 2

TEST REPORT

MAS #:50410017

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 31E 04/07/95 1223
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	300	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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

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TEST REPORT

MAS #:5 0 4 1 0 0 1 7

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 31E 04/07/95 1223
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	1,400	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo

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TEST REPORT

MAS #:5 0 4 1 0 0 1 8

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 32B 04/07/95 1232
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	17	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	2,200	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	32	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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

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TEST REPORT

MAS #:5 0 4 1 0 0 1 8

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 32B 04/07/95 1232
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	4,200	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

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TEST REPORT

MAS #:5 0 4 1 0 0 1 9

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 30E 04/07/95 1240
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	150	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	560	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
*TRICHLOROETHENE	320	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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

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TEST REPORT

MAS #:5 0 4 1 0 0 1 9

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 30E 04/07/95 1240
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
Lab. Quality Manager

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TEST REPORT

MAS #:5 0 4 1 0 0 2 0

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 301 04/07/95 1245
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	**SAMPLE RESULT (mg/kg)	DETECTION LIMIT (mg/kg)
*DIESEL RANGE ORGANICS	340	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)
**NO SAMPLE FOR DRY WEIGHT ANALYSIS WAS RECEIVED.

Krystyna Czyzo
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IN: DLB

TEST REPORT

MAS #:5 0 4 1 0 0 2 1

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 34F 04/07/95 1250
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	150	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	360	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	9.0	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	7.5	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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

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TEST REPORT

MAS #:5 0 4 1 0 0 2 1

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 34F 04/07/95 1250
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 1 0 0 2 2

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 35E 04/07/95 1302
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/13/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	15	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE .	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE .	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE .	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	10	5
HEXACHLOROBUTADIENE	N/D	5
*ISOPROPYLBENZENE	350	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	1,900	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	6.7	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
*1,3,5-TRIMETHYLBENZENE	350	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	21	10
o-XYLENE	10	5

*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

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TEST REPORT

MAS #:5 0 4 1 0 0 2 2

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 35E 04/07/95 1302
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	N/D	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	220	10

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

PARAMETER	SAMPLE RESULT	UNITS (DRY WEIGHT)	DETECTION LIMIT	METHOD #	DATE ANAL.	LAB TECH
TOTAL METALS :		mg/kg				
ARSENIC	3.5		0.10	SW-846 7061A	KW	4/12/95
BARIUM	144		1.0	SW-846 6010A	KW	4/12/95
CADMIUM	6.4		0.40	SW-846 6010A	KW	4/12/95
CHROMIUM	61		2.5	SW-846 6010A	KW	4/12/95
LEAD	2,120		0.50	SW-846 6010A	KW	4/14/95
MERCURY	N/D		0.10	SW-846 7471A	KW	4/15/95
SELENIUM	N/D		0.50	SW-846 7741A	KW	4/12/95
SILVER	N/D		0.50	SW-846 6010A	KW	4/12/95

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TEST REPORT

MAS #:5 0 4 1 0 0 2 3

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 36B 04/07/95 1310
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/13/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE .	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE .	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	150	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE .	N/D	5
1,2-DICHLOROBENZENE	17	5
1,3-DICHLOROBENZENE	38	5
1,4-DICHLOROBENZENE	38	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	200	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	3.9	5
HEXACHLOROBUTADIENE	55	5
ISOPROPYLBENZENE	5.2	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	2,700	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	95	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	100	5
1,2,4-TRICHLOROBENZENE	72	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
*TRICHLOROETHENE	1,700	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	5.2	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	14	10
o-XYLENE	N/D	5

*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.

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TEST REPORT

MAS #:5 0 4 1 0 0 2 3

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 36B 04/07/95 1310
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	15	10

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

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 1 0 0 2 4

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 37E 04/07/95 1318
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/13/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	630	5
trans-1,2-DICHLOROETHENE	14	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	8.4	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	92	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	3,900	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	58	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
*TRICHLOROETHENE	430	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	63	5
1,3,5-TRIMETHYLBENZENE	92	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	28	10
o-XYLENE	26	5

*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.

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TEST REPORT

MAS #:5 0 4 1 0 0 2 4

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 37E 04/07/95 1318
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	170	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 1 0 0 2 5

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 38C 04/07/95 1322
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/13/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	280	5
sec-BUTYLBENZENE	39	5
tert-BUTYLBENZENE.	7.4	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	5.2	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	12	5
1,4-DICHLOROBENZENE	13	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	13	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	120	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	41	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	530	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	21	5
n-PROPYL BENZENE	41	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	8.6	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
*TRICHLOROETHENE	370	5
TRICHLOROFLUOROMETHANE	N/D	5
*1,2,4-TRIMETHYLBENZENE	390	5
1,3,5-TRIMETHYLBENZENE	250	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	630	10
o-XYLENE	240	5

*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
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IN: DLB

TEST REPORT

MAS #:5 0 4 1 0 0 2 5

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 38C 04/07/95 1322
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	1,400	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	33	10

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

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TEST REPORT

MAS #:5 0 4 1 0 0 2 6

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 39E 04/07/95 1330
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/13/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	24	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	12	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	2,800	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	49	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	22	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	12	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	9.9	10
o-XYLENE	N/D	5

*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.

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TEST REPORT

MAS #:5 0 4 1 0 0 2 6

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 39E 04/07/95 1330
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	550	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	26	10

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

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TEST REPORT

MAS #:5 0 4 1 0 0 2 7

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 40D 04/07/95 1333
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/13/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
*CHLOROBENZENE	610	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
*1,2-DICHLOROBENZENE	360	5
*1,3-DICHLOROBENZENE	2,800	5
*1,4-DICHLOROBENZENE	2,800	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	13	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	12	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	54	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	1,200	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
*1,2,3-TRICHLOROBENZENE	590	5
*1,2,4-TRICHLOROBENZENE	4,600	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	92	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	9.7	5
1,3,5-TRIMETHYLBENZENE	55	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	47	10
o-XYLENE	11	5

*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.

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TEST REPORT

MAS #:5 0 4 1 0 0 2 7

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 40D 04/07/95 1333
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	92	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	50	10

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

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TEST REPORT

MAS #:5 0 4 1 0 0 2 8

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 40F 04/07/95 1342
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT	UNITS (DRY WEIGHT)	DETECTION LIMIT	METHOD #	DATE ANAL.	LAB TECH
TOTAL METALS :		mg/kg				
ARSENIC	2.0		0.10	SW-846 6010A	KW	4/12/95
BARIUM	79		1.0	SW-846 6010A	KW	4/12/95
CADMIUM	N/D		0.40	SW-846 6010A	KW	4/12/95
CHROMIUM	12		2.5	SW-846 6010A	KW	4/12/95
LEAD	120		0.50	SW-846 6010A	KW	4/14/95
MERCURY	N/D		0.10	SW-846 7471A	KW	4/15/95
SELENIUM	N/D		0.50	SW-846 7741A	KW	4/12/95
SILVER	N/D		0.50	SW-846 6010A	KW	4/12/95

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TEST REPORT

MAS #:5 0 4 1 0 0 2 9

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 53A 04/07/95 1340
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A
DATE ANALYZED: 04/12/95 LAB TECH: MK

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	16	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
METHYLENE CHLORIDE	170	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	15	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	7.7	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	23	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	26	5
1,3,5-TRIMETHYLBENZENE	5.2	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	10	10
o-XYLENE	N/D	5

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TEST REPORT

MAS #:5 0 4 1 0 0 2 9

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 53A 04/07/95 1340
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	1,200	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	31	10

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

PARAMETER	SAMPLE RESULT	UNITS (DRY WEIGHT)	DETECTION LIMIT	METHOD #	DATE ANAL.	LAB TECH
TOTAL METALS :		mg/kg				
ARSENIC	4.5		0.10	SW-846 6010A	KW	4/12/95
BARIUM	255		1.0	SW-846 6010A	KW	4/12/95
CADMIUM	N/D		0.40	SW-846 6010A	KW	4/12/95
CHROMIUM	13		2.5	SW-846 6010A	KW	4/12/95
LEAD	89		0.50	SW-846 6010A	KW	4/12/95
MERCURY	N/D		0.10	SW-846 7471A	KW	4/15/95
SELENIUM	N/D		0.50	SW-846 7741A	KW	4/12/95
SILVER	N/D		0.50	SW-846 6010A	KW	4/12/95

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TEST REPORT

MAS #:5 0 4 1 0 0 3 0

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 41E 04/07/95 1350
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/14/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	25	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	4,800	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	130	5
*1,2,4-TRICHLOROBENZENE	230	5
1,1,1-TRICHLOROETHANE	16	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	9.0	10
o-XYLENE	N/D	5

*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

Krystyna Czyzo
Lab. Quality Manager

Midwest Analytical Services, Inc.
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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 4 1 0 0 3 0

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 41E 04/07/95 1350
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	55	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW (+5 MINUTES)

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	27	10

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

Krystyna Czyzo

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IN: DLB

TEST REPORT

MAS #:5 0 4 1 0 0 3 1

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 42C 04/07/95 1355
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/14/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
*cis-1,2-DICHLOROETHENE	420	5
trans-1,2-DICHLOROETHENE	5.4	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
*METHYLENE CHLORIDE	2,200	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	7.9	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	12	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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

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TEST REPORT

MAS #:5 0 4 1 0 0 3 1

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 42C 04/07/95 1355
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/13/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

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TEST REPORT

MAS #:5 0 4 1 0 0 3 2

(continued)

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 33C 04/07/95 1256
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 04/14/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
DIBROMOCHLOROMETHANE.	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	N/D	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	3,100	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	N/D	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

*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.

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Fax No: (313) 964-2339

IN: DLB

TEST REPORT

MAS #:5 0 4 1 0 0 3 2

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: 33C 04/07/95 1256
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/15/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT)
*DIESEL RANGE ORGANICS	1,300	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): SOIL
WAS SAMPLE EXTRACTED AND ANALYZED WITHIN HOLDING TIME? YES
DOES THE DRO PATTERN LOOK LIKE DIESEL? YES
*EXTENDED TIME WINDOW. (+5 MINUTES)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
Lab. Quality Manager

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IN: DLB

TEST REPORT

MAS #:5 0 4 1 0 0 3 3

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 20-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER MAIN PLANT SOIL PILES
SAMPLE IDENTIFICATION: TRIP BLANK 04/07/95
PHYSICAL DESCRIPTION: LIQUID

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/l)	DETECTION LIMIT (mg/l)
GASOLINE RANGE ORGANICS	N/D	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): LIQUID
WAS SAMPLE ANALYZED WITHIN HOLDING TIME? YES

Krystyna Czyzo

Krystyna Czyzo
Lab. Quality Manager

MIDWEST ANALYTICAL SERVICES, INC.
METROPOLITAN CENTER FOR HIGH TECHNOLOGY
2727 SECOND AVENUE • DETROIT, MI 48201

CHAIN OF CUSTODY RECORD & SAMPLE ANALYSIS REQUEST

NO: 002459

PHONE: 313-964-3680
FAX : 313-964-2339

P.O.#:
JOB #: W943324.21
SAMPLE COLLECTOR: KURT R. WALDHUETTER
SHIPPED BY: TRIAD ENGINEERING INC. TEL #: 414 291 8840
PROJECT: CHRYSLER MAIN PLANT SOIL PILES
RESULTS TO THE ATTENTION OF: KURT WALDHUETTER NEED FAXED: YES ☐ NO ☒

ANALYSIS REQUIRED/ METHOD # & DETECTION LIMITS

PAGE 1 OF 1

NORMAL TURNAROUND: X

RUSH TURNAROUND: _____

G-GLASS
P-PLASTIC

	SAMPLE ID	DATE SAMPLED	TIME	LOCATION	SAMPLE MATRIX	VOC's 8260	DRO +5 MINUTES WDNR MODIFIED	GRO WDNR MODIFIED	RCRA METALS	VARIOUS	CONTAINERS #	CONTAINERS SIZE	CONTAINERS TYPE	PRESERVATIVE	LAB USE ONLY MAS # & PHY DESC.
1	16A	4/6/95	1245		SOIL	X	X	X			4	2oz	G	GRO-MeOH	5041 0001
2	17E		1302			X	X	X			4				002
3	18F		1320			X	X	X			4				003
4	19F		1346			X	X	X	X		5	2oz; 40z.	G/P		004
5	20E		1422			X	X	X			4	2oz.	G		005
6	21E		1438			X	X	X			4				006
7	22E		1402			X	X	X			4				007
8	23F		1502			X	X	X			4				008
9	24F		1452			X	X	X			4				009
10	25E		1516			X	X	X			4				010
11	26E		1528			X	X	X			4				011
12	TRIP BLANK				MeOH			X			1				012

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE/TIME
Kurt R Waldhuetter	4/6/95 1800		4/6/95		4/10/95 9:45
	4/8/95 1235		4/8/95		

4°C 4°C

LAB USE ONLY:
STATUS OF SAMPLE RECEIVED: COLD ☒ ROOM TEMP ☐
SEALED: YES ☒ NO ☐
RECEIVED BY: MAIL ☐ DROP OFF ☐ PICK UP ☐

COMMENTS: (If any special handling is required) DRO SAMPLE WEIGHT IS ON THE LID. METHANOL TRIP BLANK OPENED IN THE FIELD. FOLLOW WDNR GUIDELINES

WHITE - MAS COPY BLUE - CLIENT COPY YELLOW - TRIPLICATE COPY

MIDWEST ANALYTICAL SERVICES,INC.
METROPOLITAN CENTER FOR HIGH TECHNOLOGY
2727 SECOND AVENUE DETROIT, MI 48201

CHAIN OF CUSTODY RECORD & SAMPLE ANALYSIS REQUEST

PHONE #: (800) 801-4MAS
(313) 994-3680
FAX #: (313) 964-2339

CLIENT: TRIAD ENGINEERING INC.
SAMPLE COLLECTOR: KURT WALDHUETTER, GREG MEINHOLZ
P.O.#.:
RELEASE OR REFERENCE
JOB #: W943324.21 F/N
TEL #: 414-291-8840
PROJECT: CHRYSLER SOIL PILES, MAIN PLANT
RESULTS TO THE ATTENTION OF: KURT WALDHUETTER
NEED FAXED: YES: ☐ NO: ☒

PAGE 1 OF 2
NORMAL X
RUSH

DETECTION LIMITS (DL)

G-GLASS
P-PLASTIC

ITEM #	SAMPLE IDENTIFICATION	~~LOCATION~~ DATE SAMPLED	~~DATE~~/TIME SAMPLED	SAMPLE *ORIGIN	SAMPLE MATRIX	ANALYSIS METHOD VOC 8260 DL	ANALYSIS METHOD DRO+5 MINUTES DL	ANALYSIS METHOD WDNR MODIFIED DL	ANALYSIS METHOD GRO WDNR MODIFIED DL	ANALYSIS METHOD RCRA METALS DL	ANALYSIS METHOD VARIOUS #	CONTAINERS SIZE	CONTAINERS TYPE	PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
13	27 F	4/7/95	1200	7.	SOIL		X					2oz	G	GRO MeOH	50410013
14	28 E		1202			X	X	X							014
15	29 A		1208			X	X	X							015
16	28 D		1216			X	X	X							016
17	31 E		1223			X	X	X							017
18	32 B		1232			X	X	X							018
19	30 E		1240			X	X	X							019
20	30 I		1245				X								020
21	34 F		1250			X	X	X							021
22	35 E		1302			X	X	X	X				G/P		022
23	36 B		1310			X	X	X					G		023
24	37 E		1318			X	X	X							024
25	38 C		1322			X	X	X							025
26	39 E		1330			X	X	X							026
27	40 D		1333			X	X	X							027

* 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:

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME
Kurt R. Waldhuetter	4/7/95 1732	Nate Stahl	4/7/95 535pm
Nate Stahl	4/8/95 1295	Tina Trumbo	4/8/95 12:25pm
		RECEIVED FOR LAB BY: D. Bl	4/10/95 9:45am

LAB USE ONLY:
STATUS OF THE SAMPLE RECEIVED:
TRANSPORT TEMPERATURE 4°C
SEALED ☒ NOT SEALED ☐
RECEIVED BY:
MAIL ☐ DROP OFF ☐

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

COMMENTS: VOC's NOT PRESERVED

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

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2727 Second Avenue
Detroit, Michigan 48201

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

Date : 25-Apr-95

Client : KURT R. WALDHUETTER
: TRIAD ENGINEERING, INC.

Mas# : 50411002-013

PROJECT: : CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT

Sample I.D. : 43A, 44D, 46F, 45G, 47B, 52B, 49D, 51E, 48C, 44C, 50F, 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)

It is strongly suspected that the Methylene Chloride detected in these samples is due to contamination resulting from the VOC sample containers being shipped with the DRO containers preserved with Methylene Chloride.

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

Krystyna Czyzo
Lab. Quality Manager

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Detroit, Michigan 48201

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IN: NWB

TEST REPORT

MAS #:5 0 4 1 1 0 0 2

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 43A 04/10/95 1220
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/20/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	N/D	10

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

* EXTENDED TIME WINDOW (+5 MIN.)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
Lab. Quality Manager

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TEST REPORT

MAS #:5 0 4 1 1 0 0 2

(CONTINUED)

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 43A 04/10/95 1220
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A DATE ANALYZED: 04/16/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	8.9	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLORODIBROMOMETHANE.	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
1,2-DICHLOROBENZENE	6.4	5
1,3-DICHLOROBENZENE	5.3	5
1,4-DICHLOROBENZENE	5.3	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
* cis-1,2-DICHLOROETHENE	510	5
trans-1,2-DICHLOROETHENE	6.7	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	15	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	3700	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	50	5
1,2,3-TRICHLOROBENZENE	18	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	27	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	15	5
1,3,5-TRIMETHYLBENZENE	16	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	16	10
o-XYLENE	N/D	5

* 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

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IN: NWB

TEST REPORT

MAS #:5 0 4 1 1 0 0 3

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 44D 04/10/95 1225
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/20/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	55	10

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

* EXTENDED TIME WINDOW (+5 MIN.)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	29	10

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

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IN: DLB

TEST REPORT

MAS #:5 0 4 1 1 0 0 3

(CONTINUED)

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 44D 04/10/95 1225
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A DATE ANALYZED: 04/16/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLORODIBROMOMETHANE.	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
* cis-1,2-DICHLOROETHENE	6300	5
trans-1,2-DICHLOROETHENE	65	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	4900	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	18	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
* TRICHLOROETHENE	5700	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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TEST REPORT

MAS #:5 0 4 1 1 0 0 4

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 46F 04/10/95 1240
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/20/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	350	10

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

* EXTENDED TIME WINDOW (+5 MIN.)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	63	10

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

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TEST REPORT

MAS #:5 0 4 1 1 0 0 4

(CONTINUED)

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 46F 04/10/95 1240
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A DATE ANALYZED: 04/17/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLORODIBROMOMETHANE.	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
* cis-1,2-DICHLOROETHENE	1200	5
trans-1,2-DICHLOROETHENE	5.5	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	11	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	19	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	2400	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	12	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
* TRICHLOROETHENE	770	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	9.5	5
1,3,5-TRIMETHYLBENZENE	19	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

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TEST REPORT

MAS #:5 0 4 1 1 0 0 5

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 45G 04/10/95 1230
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/20/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	210	10

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

* EXTENDED TIME WINDOW (+5 MIN.)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	110	10

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

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TEST REPORT

MAS #:50411005

(CONTINUED)

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 45G 04/10/95 1230
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A DATE ANALYZED: 04/17/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE .	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE .	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLORODIBROMOMETHANE .	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	51	5
* cis-1,2-DICHLOROETHENE	17000	5
trans-1,2-DICHLOROETHENE	190	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	72	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	160	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	3100	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	120	5
TOLUENE	27	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	140	5
* TRICHLOROETHENE	1900	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	230	5
1,3,5-TRIMETHYLBENZENE	160	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	31	10
o-XYLENE	44	5

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TEST REPORT

MAS #:5 0 4 1 1 0 0 6

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21 .

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 47B 04/10/95 1250
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/20/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	640	10

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

* EXTENDED TIME WINDOW (+5 MIN.)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	34	10

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

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TEST REPORT

MAS #:5 0 4 1 1 0 0 6

(CONTINUED)

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 47B 04/10/95 1250
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A DATE ANALYZED: 04/18/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	5.2	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE .	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE .	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLORODIBROMOMETHANE .	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
* cis-1,2-DICHLOROETHENE	1400	5
trans-1,2-DICHLOROETHENE	57	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	9.9	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	82	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	4400	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	13	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	110	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	19	5
1,3,5-TRIMETHYLBENZENE	82	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	14	10
o-XYLENE	14	5

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Fax No: (313) 964-2339

IN: NWB

TEST REPORT

MAS #:5 0 4 1 1 0 0 7

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 52B 04/10/95 1255
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/20/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	230	10

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

* EXTENDED TIME WINDOW (+5 MIN.)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	47	10

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

Krystyna Czyzo
Lab. Quality Manager

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Detroit, Michigan 48201

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IN: DLB

TEST REPORT

MAS #:5 0 4 1 1 0 0 7

(CONTINUED)

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 52B 04/10/95 1255
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A DATE ANALYZED: 04/17/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLORODIBROMOMETHANE.	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	110	5
trans-1,2-DICHLOROETHENE	9.0	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	12	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	340	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	950	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
* TRICHLOROETHENE	520	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	25	5
1,3,5-TRIMETHYLBENZENE	340	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	16	10
o-XYLENE	6.5	5

* 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

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TEST REPORT

MAS #:5 0 4 1 1 0 0 8

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 49D 04/10/95 1325
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/20/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	13	10

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

* EXTENDED TIME WINDOW (+5 MIN.)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	29	10

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

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TEST REPORT

MAS #:5 0 4 1 1 0 0 8

(CONTINUED)

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 49D 04/10/95 1325
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A DATE ANALYZED: 04/16/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE .	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE .	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLORODIBROMOMETHANE .	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
* cis-1,2-DICHLOROETHENE	1300	5
trans-1,2-DICHLOROETHENE	13	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	1600	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
* TRICHLOROETHENE	3000	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

* 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

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TEST REPORT

MAS #:5 0 4 1 1 0 0 9

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 51E 04/10/95 1305
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/20/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	N/D	10

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

* EXTENDED TIME WINDOW (+5 MIN.)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	47	10

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

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TEST REPORT

MAS #:5 0 4 1 1 0 0 9

(CONTINUED)

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 51E 04/10/95 1305
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A DATE ANALYZED: 04/16/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE .	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE .	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	N/D	5
CHLORODIBROMOMETHANE .	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
cis-1,2-DICHLOROETHENE	6.6	5
trans-1,2-DICHLOROETHENE	N/D	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	820	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	N/D	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
TRICHLOROETHENE	47	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

* 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.

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TEST REPORT

MAS #:5 0 4 1 1 0 1 0

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 48C 04/10/95 1330
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/20/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	N/D	10

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

* EXTENDED TIME WINDOW (+5 MIN.)

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	28	10

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

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TEST REPORT

MAS #:5 0 4 1 1 0 1 0

(CONTINUED)

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 48C 04/10/95 1330
PHYSICAL DESCRIPTION: SOLID

METHOD #:SW-846 8260A DATE ANALYZED: 04/16/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5
BROMOBENZENE	N/D	5
BROMODICHLOROMETHANE.	N/D	5
n-BUTYLBENZENE	N/D	5
sec-BUTYLBENZENE	N/D	5
tert-BUTYLBENZENE.	N/D	5
CARBON TETRACHLORIDE	N/D	5
CHLOROBENZENE	17	5
CHLORODIBROMOMETHANE.	N/D	5
CHLOROETHANE	N/D	5
CHLOROFORM	N/D	5
CHLOROMETHANE	N/D	5
2-CHLOROTOLUENE	N/D	5
4-CHLOROTOLUENE	N/D	5
1,2-DIBROMO-3-CHLOROPROPANE	N/D	5
1,2-DIBROMOETHANE	N/D	5
1,2-DICHLOROBENZENE	N/D	5
1,3-DICHLOROBENZENE	N/D	5
1,4-DICHLOROBENZENE	N/D	5
DICHLORODIFLUOROMETHANE	N/D	5
1,1-DICHLOROETHANE	N/D	5
1,2-DICHLOROETHANE	N/D	5
1,1-DICHLOROETHENE	N/D	5
* cis-1,2-DICHLOROETHENE	1400	5
trans-1,2-DICHLOROETHENE	22	5
1,2-DICHLOROPROPANE	N/D	5
1,3-DICHLOROPROPANE	N/D	5
2,2-DICHLOROPROPANE	N/D	5
ETHYL BENZENE	N/D	5
HEXACHLOROBUTADIENE	N/D	5
ISOPROPYLBENZENE	N/D	5
p-ISOPROPYLTOLUENE	N/D	5
* METHYLENE CHLORIDE	1600	5
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5
n-PROPYL BENZENE	N/D	5
1,1,2,2-TETRACHLOROETHANE	N/D	5
TETRACHLOROETHENE	17	5
TOLUENE	N/D	5
1,2,3-TRICHLOROBENZENE	N/D	5
1,2,4-TRICHLOROBENZENE	N/D	5
1,1,1-TRICHLOROETHANE	N/D	5
1,1,2-TRICHLOROETHANE	N/D	5
* TRICHLOROETHENE	5900	5
TRICHLOROFLUOROMETHANE	N/D	5
1,2,4-TRIMETHYLBENZENE	N/D	5
1,3,5-TRIMETHYLBENZENE	N/D	5
VINYL CHLORIDE	N/D	5
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5

* 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

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TEST REPORT

MAS #:5 0 4 1 1 0 1 1

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 44C 04/10/95 1235
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/20/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	240	10

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

* EXTENDED TIME WINDOW (+5 MIN.)

Krystyna Czyzo
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TEST REPORT

MAS #:5 0 4 1 1 0 1 2

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: 50F 04/10/95 1320
PHYSICAL DESCRIPTION: SOLID

DATE ANALYZED: 04/20/95 LAB TECHNICIAN: MK

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	N/D	10

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

* EXTENDED TIME WINDOW (+5 MIN.)

PARAMETER	SAMPLE RESULT	UNITS (DRY WEIGHT)	DETECTION LIMIT	METHOD #	DATE ANAL.	LAB TECH
TOTAL METALS :		mg/kg				KW
ARSENIC	4.4		0.10	SW-846 6010A	04/12/95	
BARIUM	198		1.0	SW-846 6010A	04/12/95	
CADMIUM	1.5		0.40	SW-846 6010A	04/12/95	
CHROMIUM	93		2.5	SW-846 6010A	04/12/95	
LEAD	3110		0.50	SW-846 6010A	04/13/95	
MERCURY	0.11		0.10	SW-846 7471A	04/15/95	
SELENIUM	N/D		0.50	SW-846 7741A	04/12/95	
SILVER	N/D		0.50	SW-846 6010A	04/12/95	

Krystyna Czyzo

Krystyna Czyzo
Lab. Quality Manager

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: (313) 964-3680
Fax No: (313) 964-2339

IN: NWB

TEST REPORT

MAS #:5 0 4 1 1 0 1 3

KURT R. WALDHUETTER
TRIAD ENGINEERING, INC.
325 EAST CHICAGO STREET
MILWAUKEE, WI 53202

DATE COMPLETED: 25-Apr-95

JOB #: W943324.21

PROJECT: CHRYSLER SOIL PILES KENOSHA, WI MAIN PLANT
SAMPLE IDENTIFICATION: TRIP BLANK 04/10/95 1251
PHYSICAL DESCRIPTION: LIQUID

DATE ANALYZED: 04/14/95 LAB TECHNICIAN: MK

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/l)	DETECTION LIMIT (mg/l)
GASOLINE RANGE ORGANICS	N/D	10

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
SAMPLE OBSERVATION (VISUAL AND OLFACTORY): CLEAR LIQUID
WAS SAMPLE ANALYZED WITHIN HOLDING TIME? YES

Krystyna Czyzo
Lab. Quality Manager

MIDWEST ANALYTICAL SERVICES,INC.
METROPOLITAN CENTER FOR HIGH TECHNOLOGY
2727 SECOND AVENUE DETROIT, MI 48201

CHAIN OF CUSTODY RECORD & SAMPLE ANALYSIS REQUEST

PHONE #: (800) 801-4MAS
(313)964-3680
FAX #: (313) 964-2339

CLIENT: TRIAD ENGINEERING INC. | SAMPLE COLLECTOR: KURT R. WALDHUETTER
P.O.#: | RELEASE OR REFERENCE
JOB #: W943324.21 | FIN | TEL #: 414-291-8840
PROJECT: CHRYSLER SOIL PILES, KENOSHA, WI MAIN PLANT
RESULTS TO THE ATTENTION OF: KURT WALDHUETTER | NEED FAXED: YES: ☐ NO: ☒

DETECTION LIMITS (DL)

PAGE 1 OF 1
NORMAL X
RUSH

G-GLASS P-PLASTIC

ITEM #	SAMPLE IDENTIFICATION	~~LOCATION~~ DATE SAMPLED	~~DATE~~/TIME SAMPLED	SAMPLE *ORIGIN	SAMPLE MATRIX	ANALYSIS METHOD VOC	ANALYSIS METHOD 8260	ANALYSIS METHOD DRO MODIFIED	ANALYSIS METHOD GRO MODIFIED	ANALYSIS METHOD WDNR MODIFIED	ANALYSIS METHOD RCRA METALS	ANALYSIS METHOD VARIOUS	#	CONTAINERS SIZE	CONTAINERS TYPE	PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
1	43A	4/10/95	1220	7.	SOIL	X	X	X					4	2oz	G	GRO MeOH	5041/002
2	44D		1225			X	X	X					4	40z			003
3	46F		1240			X	X	X					4				004
4	45G		1230			X	X	X					4				005
5	47B		1250			X	X	X					4				006
6	52B		1255			X	X	X					4				007
7	49D		1325			X	X	X					4				008
8	51E		1305			X	X	X					4				009
9	48C		1330			X	X	X					4			↓	010
10	44C		1235				X						1				011
11	50F		1320		↓		X		X				2		P		012
12	TRIP BLANK	↓	1251	↓	MeOH			X					1	↓	↓	GRO MeOH	↓ 013

BROWN (Soil)

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

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME
Kurt R. Waldhuetter	4/10/95 1545	[signature]	4/10/95 1610
[signature]	4/10/95 1630		
		RECEIVED FOR LAB BY: [signature] 4-11-95	11:07 AM DB

COMMENTS: VOC NOT PRESERVED

* 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 8°C
SEALED [X] NOT SEALED [ ]
RECEIVED BY:
MAIL [X] DROP OFF [ ]

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

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

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2727 Second Avenue
Detroit, Michigan 48201

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

Date : 16-May-95

Client : ROSS CREIGHTON
: TRIAD ENGINEERING, INC.

Mas# : 50510035-043

PROJECT: : CHRYSLER SOIL PILES

Sample I.D. : 54B, 55D, 56A, 57A, 58E, 59E, 60C, 61A, 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, 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

Krystyna Czyzo
Lab. Quality Manager

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IN: DLB

TEST REPORT

MAS #:5 0 5 1 0 0 3 5

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

DATE COMPLETED: 16-May-95

JOB #: W943324.19

PROJECT: CHRYSLER SOIL PILES
SAMPLE IDENTIFICATION: 54B 05/09/95 0938
PHYSICAL DESCRIPTION: SOIL

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	1,100	10

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

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	14	10

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

Krystyna Czyzo
Lab. Quality Manager

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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 5 1 0 0 3 5

(continued)

PROJECT: CHRYSLER SOIL PILES SAMPLE IDENTIFICATION: 54B 05/09/95 0938 PHYSICAL DESCRIPTION: SOIL

METHOD #: SW-846 8260A DATE ANALYZED: 05/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5.0
BROMOBENZENE	N/D	5.0
BROMODICHLOROMETHANE .	N/D	5.0
n-BUTYLBENZENE	N/D	5.0
sec-BUTYLBENZENE	N/D	5.0
tert-BUTYLBENZENE .	N/D	5.0
CARBON TETRACHLORIDE	N/D	5.0
CHLOROBENZENE	N/D	5.0
CHLOROETHANE	N/D	5.0
CHLOROFORM	N/D	5.0
CHLOROMETHANE	N/D	5.0
2-CHLOROTOLUENE	N/D	5.0
4-CHLOROTOLUENE	N/D	5.0
1.2-DIBROMO-3-CHLOROPROPANE	N/D	5.0
1.2-DIBROMOETHANE	N/D	5.0
DIBROMOCHLOROMETHANE .	N/D	5.0
1.2-DICHLOROBENZENE	N/D	5.0
1.3-DICHLOROBENZENE	N/D	5.0
1.4-DICHLOROBENZENE	N/D	5.0
DICHLORODIFLUOROMETHANE	N/D	5.0
1.1-DICHLOROETHANE	N/D	5.0
1.2-DICHLOROETHANE	N/D	5.0
1.1-DICHLOROETHENE	N/D	5.0
cis-1.2-DICHLOROETHENE	N/D	5.0
trans-1.2-DICHLOROETHENE	N/D	5.0
1.2-DICHLOROPROPANE	N/D	5.0
1.3-DICHLOROPROPANE	N/D	5.0
2.2-DICHLOROPROPANE	N/D	5.0
ETHYL BENZENE	N/D	5.0
HEXACHLOROBUTADIENE	N/D	5.0
ISOPROPYLBENZENE	N/D	5.0
p-ISOPROPYLTOLUENE	N/D	5.0
METHYLENE CHLORIDE	N/D	5.0
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	N/D	5.0
1.1.2.2-TETRACHLOROETHANE	N/D	5.0
TETRACHLOROETHENE	N/D	5.0
TOLUENE	N/D	5.0
1.2.3-TRICHLOROBENZENE	N/D	5.0
1.2.4-TRICHLOROBENZENE	N/D	5.0
1.1.1-TRICHLOROETHANE	N/D	5.0
1.1.2-TRICHLOROETHANE	N/D	5.0
TRICHLOROETHENE	N/D	5.0
TRICHLOROFLUOROMETHANE	N/D	5.0
1.2.4-TRIMETHYLBENZENE	N/D	5.0
1.3.5-TRIMETHYLBENZENE	N/D	5.0
VINYL CHLORIDE	N/D	5.0
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5.0

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TEST REPORT

MAS #:5 0 5 1 0 0 3 6

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

DATE COMPLETED: 16-May-95

JOB #: W943324.19

PROJECT: CHRYSLER SOIL PILES
SAMPLE IDENTIFICATION: 55D 05/09/95 0946
PHYSICAL DESCRIPTION: SOIL

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	11	10

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

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	13	10

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

Krystyna Czyzo
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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 5 1 0 0 3 6

(continued)

PROJECT: CHRYSLER SOIL PILES SAMPLE IDENTIFICATION: 55D 05/09/95 0946 PHYSICAL DESCRIPTION: SOIL

METHOD #:SW-846 8260A DATE ANALYZED: 05/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5.0
BROMOBENZENE	N/D	5.0
BROMODICHLOROMETHANE .	N/D	5.0
n-BUTYLBENZENE	N/D	5.0
sec-BUTYLBENZENE	N/D	5.0
tert-BUTYLBENZENE .	N/D	5.0
CARBON TETRACHLORIDE	N/D	5.0
CHLOROBENZENE	N/D	5.0
CHLOROETHANE	N/D	5.0
CHLOROFORM	N/D	5.0
CHLOROMETHANE	N/D	5.0
2-CHLOROTOLUENE	N/D	5.0
4-CHLOROTOLUENE	N/D	5.0
1.2-DIBROMO-3-CHLOROPROPANE	N/D	5.0
1.2-DIBROMOETHANE	N/D	5.0
DIBROMOCHLOROMETHANE .	N/D	5.0
1.2-DICHLOROBENZENE	N/D	5.0
1.3-DICHLOROBENZENE	N/D	5.0
1.4-DICHLOROBENZENE	N/D	5.0
DICHLORODIFLUOROMETHANE	N/D	5.0
1.1-DICHLOROETHANE	N/D	5.0
1.2-DICHLOROETHANE	N/D	5.0
1.1-DICHLOROETHENE	N/D	5.0
cis-1.2-DICHLOROETHENE	N/D	5.0
trans-1.2-DICHLOROETHENE	N/D	5.0
1.2-DICHLOROPROPANE	N/D	5.0
1.3-DICHLOROPROPANE	N/D	5.0
2.2-DICHLOROPROPANE	N/D	5.0
ETHYL BENZENE	N/D	5.0
HEXACHLOROBUTADIENE	N/D	5.0
ISOPROPYLBENZENE	N/D	5.0
p-ISOPROPYLTOLUENE	N/D	5.0
METHYLENE CHLORIDE	N/D	5.0
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	N/D	5.0
1.1.2.2-TETRACHLOROETHANE	N/D	5.0
TETRACHLOROETHENE	N/D	5.0
TOLUENE	N/D	5.0
1.2.3-TRICHLOROBENZENE	N/D	5.0
1.2.4-TRICHLOROBENZENE	N/D	5.0
1.1.1-TRICHLOROETHANE	N/D	5.0
1.1.2-TRICHLOROETHANE	N/D	5.0
TRICHLOROETHENE	N/D	5.0
TRICHLOROFLUOROMETHANE	N/D	5.0
1.2.4-TRIMETHYLBENZENE	N/D	5.0
1.3.5-TRIMETHYLBENZENE	N/D	5.0
VINYL CHLORIDE	N/D	5.0
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5.0

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TEST REPORT

MAS #:5 0 5 1 0 0 3 7

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

DATE COMPLETED: 16-May-95

JOB #: W943324.19

PROJECT: CHRYSLER SOIL PILES
SAMPLE IDENTIFICATION: 56A 05/09/95 0952
PHYSICAL DESCRIPTION: SOIL

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	N/D	10

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

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
Lab. Quality Manager

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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 5 1 0 0 3 7

(continued)

PROJECT: CHRYSLER SOIL PILES SAMPLE IDENTIFICATION: 56A 05/09/95 0952 PHYSICAL DESCRIPTION: SOIL

METHOD #:SW-846 8260A DATE ANALYZED: 05/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5.0
BROMOBENZENE	N/D	5.0
BROMODICHLOROMETHANE .	N/D	5.0
n-BUTYLBENZENE	N/D	5.0
sec-BUTYLBENZENE	N/D	5.0
tert-BUTYLBENZENE .	N/D	5.0
CARBON TETRACHLORIDE	N/D	5.0
CHLOROBENZENE	N/D	5.0
CHLOROETHANE	N/D	5.0
CHLOROFORM	N/D	5.0
CHLOROMETHANE	N/D	5.0
2-CHLOROTOLUENE	N/D	5.0
4-CHLOROTOLUENE	N/D	5.0
1.2-DIBROMO-3-CHLOROPROPANE	N/D	5.0
1.2-DIBROMOETHANE	N/D	5.0
DIBROMOCHLOROMETHANE .	N/D	5.0
1.2-DICHLOROBENZENE	N/D	5.0
1.3-DICHLOROBENZENE	N/D	5.0
1.4-DICHLOROBENZENE	N/D	5.0
DICHLORODIFLUOROMETHANE	N/D	5.0
1.1-DICHLOROETHANE	N/D	5.0
1.2-DICHLOROETHANE	N/D	5.0
1.1-DICHLOROETHENE	N/D	5.0
cis-1.2-DICHLOROETHENE	N/D	5.0
trans-1.2-DICHLOROETHENE	N/D	5.0
1.2-DICHLOROPROPANE	N/D	5.0
1.3-DICHLOROPROPANE	N/D	5.0
2.2-DICHLOROPROPANE	N/D	5.0
ETHYL BENZENE	N/D	5.0
HEXACHLOROBUTADIENE	N/D	5.0
ISOPROPYLBENZENE	N/D	5.0
p-ISOPROPYLTOLUENE	N/D	5.0
METHYLENE CHLORIDE	N/D	5.0
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	N/D	5.0
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

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TEST REPORT

MAS #:5 0 5 1 0 0 3 8

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

DATE COMPLETED: 16-May-95

JOB #: W943324.19

PROJECT: CHRYSLER SOIL PILES
SAMPLE IDENTIFICATION: 57A 05/09/95 0959
PHYSICAL DESCRIPTION: SOIL

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	10	10

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

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
Lab. Quality Manager

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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 5 1 0 0 3 8

(continued)

PROJECT: CHRYSLER SOIL PILES SAMPLE IDENTIFICATION: 57A 05/09/95 0959 PHYSICAL DESCRIPTION: SOIL

METHOD #:SW-846 8260A DATE ANALYZED: 05/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5.0
BROMOBENZENE	N/D	5.0
BROMODICHLOROMETHANE.	N/D	5.0
n-BUTYLBENZENE	N/D	5.0
sec-BUTYLBENZENE	N/D	5.0
tert-BUTYLBENZENE.	N/D	5.0
CARBON TETRACHLORIDE	N/D	5.0
CHLOROBENZENE	N/D	5.0
CHLOROETHANE	N/D	5.0
CHLOROFORM	N/D	5.0
CHLOROMETHANE	N/D	5.0
2-CHLOROTOLUENE	N/D	5.0
4-CHLOROTOLUENE	N/D	5.0
1.2-DIBROMO-3-CHLOROPROPANE	N/D	5.0
1.2-DIBROMOETHANE	N/D	5.0
DIBROMOCHLOROMETHANE.	N/D	5.0
1.2-DICHLOROBENZENE	N/D	5.0
1.3-DICHLOROBENZENE	N/D	5.0
1.4-DICHLOROBENZENE	N/D	5.0
DICHLORODIFLUOROMETHANE	N/D	5.0
1.1-DICHLOROETHANE	N/D	5.0
1.2-DICHLOROETHANE	N/D	5.0
1.1-DICHLOROETHENE	N/D	5.0
cis-1.2-DICHLOROETHENE	N/D	5.0
trans-1.2-DICHLOROETHENE	N/D	5.0
1.2-DICHLOROPROPANE	N/D	5.0
1.3-DICHLOROPROPANE	N/D	5.0
2.2-DICHLOROPROPANE	N/D	5.0
ETHYL BENZENE	N/D	5.0
HEXACHLOROBUTADIENE	6.2	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
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	10	5.0
TRICHLOROFLUOROMETHANE	N/D	5.0
1.2.4-TRIMETHYLBENZENE	6.3	5.0
1.3.5-TRIMETHYLBENZENE	N/D	5.0
VINYL CHLORIDE	N/D	5.0
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5.0

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IN: DLB

TEST REPORT

MAS #:5 0 5 1 0 0 3 9

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

DATE COMPLETED: 16-May-95

JOB #: W943324.19

PROJECT: CHRYSLER SOIL PILES
SAMPLE IDENTIFICATION: 58E 05/09/95 1005
PHYSICAL DESCRIPTION: SOIL

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	1900	10

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

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	31	10

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

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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 5 1 0 0 3 9

(continued)

PROJECT: CHRYSLER SOIL PILES SAMPLE IDENTIFICATION: 58E 05/09/95 1005 PHYSICAL DESCRIPTION: SOIL

METHOD #:SW-846 8260A DATE ANALYZED: 05/12/95 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	12	5.0
sec-BUTYLBENZENE	5.1	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	90	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
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	35	5.0
1,3,5-TRIMETHYLBENZENE	17	5.0
VINYL CHLORIDE	N/D	5.0
m & p-XYLENES	N/D	10
o-XYLENE	5.1	5.0

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TEST REPORT

MAS #:5 0 5 1 0 0 4 0

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

DATE COMPLETED: 16-May-95

JOB #: W943324.19

PROJECT: CHRYSLER SOIL PILES
SAMPLE IDENTIFICATION: 59E 05/09/95 1012
PHYSICAL DESCRIPTION: SOIL

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	1900	10

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

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	N/D	10

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

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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 5 1 0 0 4 0

(continued)

PROJECT: CHRYSLER SOIL PILES SAMPLE IDENTIFICATION: 59E 05/09/95 1012 PHYSICAL DESCRIPTION: SOIL

METHOD #:SW-846 8260A DATE ANALYZED: 05/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5.0
BROMOBENZENE	N/D	5.0
BROMODICHLOROMETHANE .	N/D	5.0
n-BUTYLBENZENE	N/D	5.0
sec-BUTYLBENZENE	N/D	5.0
tert-BUTYLBENZENE .	N/D	5.0
CARBON TETRACHLORIDE	N/D	5.0
CHLOROBENZENE	N/D	5.0
CHLOROETHANE	N/D	5.0
CHLOROFORM	N/D	5.0
CHLOROMETHANE	N/D	5.0
2-CHLOROTOLUENE	N/D	5.0
4-CHLOROTOLUENE	N/D	5.0
1.2-DIBROMO-3-CHLOROPROPANE	N/D	5.0
1.2-DIBROMOETHANE	N/D	5.0
DIBROMOCHLOROMETHANE .	N/D	5.0
1.2-DICHLOROBENZENE	N/D	5.0
1.3-DICHLOROBENZENE	N/D	5.0
1.4-DICHLOROBENZENE	N/D	5.0
DICHLORODIFLUOROMETHANE	N/D	5.0
1.1-DICHLOROETHANE	N/D	5.0
1.2-DICHLOROETHANE	N/D	5.0
1.1-DICHLOROETHENE	N/D	5.0
cis-1.2-DICHLOROETHENE	N/D	5.0
trans-1.2-DICHLOROETHENE	N/D	5.0
1.2-DICHLOROPROPANE	N/D	5.0
1.3-DICHLOROPROPANE	N/D	5.0
2.2-DICHLOROPROPANE	N/D	5.0
ETHYL BENZENE	N/D	5.0
HEXACHLOROBUTADIENE	N/D	5.0
ISOPROPYLBENZENE	N/D	5.0
p-ISOPROPYLTOLUENE	N/D	5.0
METHYLENE CHLORIDE	N/D	5.0
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	N/D	5.0
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	5.0	5.0
VINYL CHLORIDE	N/D	5.0
m & p-XYLENES	N/D	10
o-XYLENE	N/D	5.0

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TEST REPORT

MAS #:5 0 5 1 0 0 4 1

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

DATE COMPLETED: 16-May-95

JOB #: W943324.19

PROJECT: CHRYSLER SOIL PILES
SAMPLE IDENTIFICATION: 60C 05/09/95 1017
PHYSICAL DESCRIPTION: SOIL

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	300	10

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

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	220	10

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

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PAGE 2 OF 2

TEST REPORT

MAS #:5 0 5 1 0 0 4 1

(continued)

PROJECT: CHRYSLER SOIL PILES SAMPLE IDENTIFICATION: 60C 05/09/95 1017 PHYSICAL DESCRIPTION: SOIL

METHOD #:SW-846 8260A DATE ANALYZED: 05/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5.0
BROMOBENZENE	N/D	5.0
BROMODICHLOROMETHANE .	N/D	5.0
n-BUTYLBENZENE	N/D	5.0
sec-BUTYLBENZENE	N/D	5.0
tert-BUTYLBENZENE .	N/D	5.0
CARBON TETRACHLORIDE	N/D	5.0
CHLOROBENZENE	N/D	5.0
CHLOROETHANE	N/D	5.0
CHLOROFORM	N/D	5.0
CHLOROMETHANE	N/D	5.0
2-CHLOROTOLUENE	N/D	5.0
4-CHLOROTOLUENE	N/D	5.0
1.2-DIBROMO-3-CHLOROPROPANE	N/D	5.0
1.2-DIBROMOETHANE	N/D	5.0
DIBROMOCHLOROMETHANE .	N/D	5.0
1.2-DICHLOROBENZENE	N/D	5.0
1.3-DICHLOROBENZENE	N/D	5.0
1.4-DICHLOROBENZENE	N/D	5.0
DICHLORODIFLUOROMETHANE	N/D	5.0
1.1-DICHLOROETHANE	N/D	5.0
1.2-DICHLOROETHANE	N/D	5.0
1.1-DICHLOROETHENE	N/D	5.0
cis-1.2-DICHLOROETHENE	N/D	5.0
trans-1.2-DICHLOROETHENE	N/D	5.0
1.2-DICHLOROPROPANE	N/D	5.0
1.3-DICHLOROPROPANE	N/D	5.0
2.2-DICHLOROPROPANE	N/D	5.0
ETHYL BENZENE	N/D	5.0
HEXACHLOROBUTADIENE	N/D	5.0
ISOPROPYLBENZENE	N/D	5.0
p-ISOPROPYLTOLUENE	17	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
1.1.2.2-TETRACHLOROETHANE	N/D	5.0
TETRACHLOROETHENE	N/D	5.0
TOLUENE	9.0	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	7.7	5.0
1.3.5-TRIMETHYLBENZENE	15	5.0
VINYL CHLORIDE	N/D	5.0
m & p-XYLENES	11	10
o-XYLENE	N/D	5.0

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TEST REPORT

MAS #:5 0 5 1 0 0 4 2

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

DATE COMPLETED: 16-May-95

JOB #: W943324.19

PROJECT: CHRYSLER SOIL PILES
SAMPLE IDENTIFICATION: 61A 05/09/95 1022
PHYSICAL DESCRIPTION: SOIL

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
*DIESEL RANGE ORGANICS	21	10

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

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT
GASOLINE RANGE ORGANICS	21	10

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

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TEST REPORT

MAS #:5 0 5 1 0 0 4 2

(continued)

PROJECT: CHRYSLER SOIL PILES SAMPLE IDENTIFICATION: 61A 05/09/95 1022 PHYSICAL DESCRIPTION: SOIL

METHOD #:SW-846 8260A DATE ANALYZED: 05/12/95 LAB TECH: TT

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
BENZENE	N/D	5.0
BROMOBENZENE	N/D	5.0
BROMODICHLOROMETHANE .	N/D	5.0
n-BUTYLBENZENE	N/D	5.0
sec-BUTYLBENZENE	N/D	5.0
tert-BUTYLBENZENE .	N/D	5.0
CARBON TETRACHLORIDE	N/D	5.0
CHLOROBENZENE	N/D	5.0
CHLOROETHANE	N/D	5.0
CHLOROFORM	N/D	5.0
CHLOROMETHANE	N/D	5.0
2-CHLOROTOLUENE	N/D	5.0
4-CHLOROTOLUENE	N/D	5.0
1.2-DIBROMO-3-CHLOROPROPANE	N/D	5.0
1.2-DIBROMOETHANE	N/D	5.0
DIBROMOCHLOROMETHANE .	N/D	5.0
1.2-DICHLOROBENZENE	N/D	5.0
1.3-DICHLOROBENZENE	N/D	5.0
1.4-DICHLOROBENZENE	N/D	5.0
DICHLORODIFLUOROMETHANE	N/D	5.0
1.1-DICHLOROETHANE	N/D	5.0
1.2-DICHLOROETHANE	N/D	5.0
1.1-DICHLOROETHENE	N/D	5.0
cis-1.2-DICHLOROETHENE	N/D	5.0
trans-1.2-DICHLOROETHENE	N/D	5.0
1.2-DICHLOROPROPANE	N/D	5.0
1.3-DICHLOROPROPANE	N/D	5.0
2.2-DICHLOROPROPANE	N/D	5.0
ETHYL BENZENE	N/D	5.0
HEXACHLOROBUTADIENE	N/D	5.0
ISOPROPYLBENZENE	N/D	5.0
p-ISOPROPYLTOLUENE	N/D	5.0
METHYLENE CHLORIDE	N/D	5.0
METHYL TERT BUTYL ETHER	N/D	50
NAPHTHALENE	N/D	5.0
n-PROPYL BENZENE	N/D	5.0
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

Krystyna Czyzo
Lab. Quality Manager

Midwest Analytical Services, Inc.
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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 5 1 0 0 4 3

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

DATE COMPLETED: 16-May-95

JOB #: W943324.19

PROJECT: CHRYSLER SOIL PILES
SAMPLE IDENTIFICATION: MEOH BLANK 05/09/95 1025
PHYSICAL DESCRIPTION: LIQUID

DATE ANALYZED: 05/11/95 LAB TECHNICIAN: MK
METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/l)	DETECTION LIMIT (mg/l)
GASOLINE RANGE ORGANICS	N/D	10

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

Krystyna Czyzo
Lab. Quality Manager

MIDWEST ANALYTICAL SERVICES,INC.
METROPOLITAN CENTER FOR HIGH TECHNOLOGY
2727 SECOND AVENUE DETROIT, MI 48201

CHAIN OF CUSTODY RECORD & SAMPLE ANALYSIS REQUEST

PHONE#: (800) 801-4MAS
(313) 964-3680
FAX#: (313) 964-2339

CLIENT: TRIAD ENGINEERING | SAMPLE COLLECTOR: GJM
P.O.#: | RELEASE OR REFERENCE
JOB #: W943324.19 F/N | TEL #: (414)-291-8840
PROJECT: CHRYSLER SOIL PILES
RESULTS TO THE ATTENTION OF: ROSS CREIGHTON | NEED FAXED: YES: ☒ NO: ☐

DETECTION LIMITS (DL)

PAGE 1 OF 1
NORMAL X
RUSH

G-GLASS
P-PLASTIC (Brown Soil)

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE *ORIGIN	SAMPLE MATRIX	ANALYSIS METHOD VOC's 8260 DL	ANALYSIS METHOD DRO+5 WDNR MODIFIED DL	ANALYSIS METHOD GRO WDNR MODIFIED DL	ANALYSIS METHOD DL	ANALYSIS METHOD DL	#	CONTAINERS SIZE	CONTAINERS TYPE	PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
1	54B		5/9/95 0938	7	SOIL	X	X	X			4				50510035
2	55D		5/9/95 0946	7	SOIL	X	X	X			4				036
3	56A		5/9/95 0952	7	SOIL	X	X	X			4				037
4	57A		5/9/95 0959	7	SOIL	X	X	X			4				038
5	58E		5/9/95 1005	7	SOIL	X	X	X			4				039
6	59E		5/9/95 1012	7	SOIL	X	X	X			4				040
7	60C		5/9/95 1017	7	SOIL	X	X	X			4				041
8	61A		5/9/95 1022	7	SOIL	X	X	X			4				042
9	MeOh BLANK		5/9/95 1025					X			1				043

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME
	5/9/95 1400		5/9/95 2p
	5/9/95 730pm		
		RECEIVED FOR LAB BY:	5/10/95 3:25 pm

* 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

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2727 Second Avenue
Detroit, Michigan 48201

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

Date : 29-Jun-95

Client : ROSS CREIGHTON
: TRIAD ENGINEERING, INC.

Mas# : 50628001-003

PROJECT: : CHRYSLER

Sample I.D. : NP-1A, NP-2D, 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, 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

Krystyna Czyzo
Lab. Quality Manager

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2727 Second Avenue
Detroit, Michigan 48201

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IN: SMR

TEST REPORT

MAS #:50628001

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

DATE COMPLETED: 29-Jun-95

JOB #: W943324.19

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: NP-1A 06/27/95 1452
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 6/28/95 LAB TECH: TT

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

Krystyna Czyzo
Lab. Quality Manager

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TEST REPORT
PAGE 2 OF 2
CONTINUED

MAS #:5 0 6 2 8 0 0 1

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: NP-1A 06/27/95 1452
PHYSICAL DESCRIPTION: SOLID

PARAMETER	SAMPLE RESULT µg/kg DRY WEIGHT	DETECTION LIMIT. µg/kg DRY WEIGHT
1,1,2,2-TETRACHLOROETHANE	N/D	5.0
TETRACHLOROETHENE	N/D	5.0
TOLUENE	N/D	5.0
1,2,3-TRICHLOROBENZENE	N/D	5.0
1,2,4-TRICHLOROBENZENE	N/D	5.0
1,1,1-TRICHLOROETHANE	N/D	5.0
1,1,2-TRICHLOROETHANE	N/D	5.0
TRICHLOROETHENE	13	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

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT	LAB TECH	DATE ANAL.
GASOLINE RANGE ORGANICS	N/D	10	MK	6/28/95

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

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	270	10	MK	6/29/95

PEAKS OUTSIDE OF THE REQUIRED TIME WINDOW: YES, LATE
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

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TEST REPORT
PAGE 1 OF 2

MAS #:5 0 6 2 8 0 0 2

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

DATE COMPLETED: 29-Jun-95

JOB #: W943324.19

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: NP-2D 06/27/95 1500
PHYSICAL DESCRIPTION: SOLID

METHOD #: SW-846 8260A
DATE ANALYZED: 6/28/95 LAB TECH: TT

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

Krystyna Czyzo
Lab. Quality Manager

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Fax No: (313) 964-2339

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TEST REPORT
PAGE 2 OF 2
CONTINUED

MAS #:5 0 6 2 8 0 0 2

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: NP-2D 06/27/95 1500
PHYSICAL DESCRIPTION: SOLID

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

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT	LAB TECH	DATE ANAL.
GASOLINE RANGE ORGANICS	N/D	10	MK	6/28/95

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

METHOD : DRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/kg) DRY WEIGHT	DETECTION LIMIT (mg/kg) DRY WEIGHT	LAB TECH	DATE ANAL.
DIESEL RANGE ORGANICS	N/D	10	MK	6/29/95

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

Krystyna Czyzo
Lab. Quality Manager

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Detroit, Michigan 48201

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

IN: SMR

TEST REPORT

MAS #:5 0 6 2 8 0 0 3

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

DATE COMPLETED: 29-Jun-95

JOB #: W943324.19

PROJECT: CHRYSLER
SAMPLE IDENTIFICATION: MEOH BLANK 06/27/95
PHYSICAL DESCRIPTION: LIQUID

METHOD : GRO BY WISCONSIN LUST MODIFIED

PARAMETER	SAMPLE RESULT (mg/l)	DETECTION LIMIT (mg/l)	LAB TECH	DATE ANAL.
GASOLINE RANGE ORGANICS	N/D	10	MK	6/28/95

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

Krystyna Czyzo
Lab. Quality Manager

MIDWEST ALYTICAL SERVICES, INC.
325 E. CHICAGO
MILWAUKEE, WI. 53202

PHONE: (414) 291-378
FAX#: (414) 291-379

CHAIN OF CUSTODY RECORD & SAMPLE ANALYSIS REQUEST

CLIENT: TRIAD ENGINEERING | SAMPLE COLLECTOR: GJM
P.O.#: | RELEASE OR REFERENCE
JOB #: W943324.19 F/N | TEL #: (414) 291-8840
PROJECT: CHRYSLER
RESULTS TO THE ATTENTION OF: ROSS CREIGHTON | NEED FAXED: YES: ☒ NO: ☐

DETECTION LIMITS (DL)

PAGE 1 OF 1
NORMAL
RUSH X

G-GLASS
P-PLASTIC
Brown (Soil)

ITEM #	SAMPLE IDENTIFICATION	LOCATION	DATE/TIME SAMPLED	SAMPLE *ORIGIN	SAMPLE MATRIX	ANALYSIS METHOD DRO WDNR MODIFIED DL	ANALYSIS METHOD GRO WDNR MODIFIED DL	ANALYSIS METHOD VOCs 8260 DL	ANALYSIS METHOD DL	ANALYSIS METHOD DL	#	CONTAINERS SIZE	CONTAINERS TYPE	PRESERVATIVE	LAB USE ONLY MAS # & PHYS. DESC.
	NP-1A		6/27/95 1452	7	SOIL	X	X	X			3				506278001
	NP-2D		6/27/95 1500	7	SOIL	X	X	X			3				002
	MeOH BLANK						X	~~X~~	GJM		1	Clear	(4)		003

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

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME
	6/27/95		6/27/95
	6/27/95		
	6/28/95 FED-EX		
		RECEIVED FOR LAB BY:	6/28/95 10:15 AM

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

LAB USE ONLY:
STATUS OF THE SAMPLE RECEIVED:
TRANSPORT TEMPERATURE ON ICE
SEALED [✓] NOT SEALED [ ]
RECEIVED BY:
MAIL [✓] DROP OFF [ ]

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

COMMENTS

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

APPENDIX D

COST CALCULATIONS

Alternative 1: Off-Site Disposal

Disposal Unit Cost ≃ $25/ton, including loading and transport (Pheasant Run RDF, 1995)
Analytical Cost ≃ $803 for protocol B parameters (Midwest Analytical Services, 1995)

Total Analytical Cost (≃ 10 samples × $803/sample) =	$8,030
Total Disposal Cost ≃ 20,000 cy (1.4 ton/cy)($25/ton) =	$700,000
Subtotal:	$708,030
10% Contingency:	$70,800
Total Cost ≃	$778,830

Alternative 2: Off-Site Thermal Treatment/Reuse and Off-Site Disposal

Assume 30% has >30% clay and must be landfilled.
Unit Treatment Cost ≃ $45/cy (GeoClean, Inc. [Division of Payne Nolan], 1995)
Transportation = $2/mile for ≃15 cy (Superior, 1995), assume ≃ 100 miles

Total Analytical Cost (10 samples x $803/sample) =	$8,030
Total Disposal Cost = 0.30(20,000 cy)(1.4 ton/cy)($26/ton) =	$218,400
Total Transportation = $2/mile/15 cy(20,000 cy) (100 miles)(0.70) =	$186,670
Total Treatment Cost = 0.70(20,000 cy)($45/cy) =	$630,000
Subtotal:	$1,043,100
10% Contingency:	$104,300
Total Cost ≃	$1,147,000

Alternative 3: Off-Site Biological Treatment and Off-Site Disposal

Biotreatment Unit Cost ≃ $25.25/ton (Pheasant Run RDF, 1995)
Assume all of the soil is suitable for treatment.

Total Analytical Cost (10 samples x $803/sample) =	$8,030
Total Treatment Cost = (20,000 cy)(1.4 ton/cy)($25.25/ton) =	$707,000
Subtotal:	$715,030
10% Contingency:	$71,500
Total Cost ≃	$786,530

Alternative 4: On-Site Treatment and Off-Site Disposal

Assume Unit Treatment Cost ≃ $75/ton.
Assume treatment residuals must be landfilled.
Assume 30% has >30% clay and must be landfilled.

Total Analytical Cost = (10 samples x $803/sample)	$8,030
Total Disposal Cost = (20,000 cy)(1.4 ton/cy)($25/ton) =	$700,000
Total Treatment Cost = 0.70(20,000 cy) (1.4 ton/cy)($75/ton) =	$1,470,000
Subtotal:	$2,178,030
12% Consulting and Contingency:	$261,363
Total Cost ≃	$2,439,400