

LAKWOOD/PLAZA CLEANERS ROUND VIII, APRIL 18-20, 1994

Introduction

This document is one of a series describing the results of ground water sampling at Lakewood/Plaza Cleaners. The sampling program was designed by U.S. Environmental Protection Agency's contractor, CH2M Hill, as part of the Lakewood Remedial Action (CH2M Hill 1990a&b). Ecology has conducted the semi-annual ground water sampling at the site since 1991. The objective of this sampling is to collect ground water quality data for the Toxics Cleanup Program to evaluate the effectiveness of Lakewood supply wells H1 and H2 (Figure 1) to contain and remove contaminated ground water caused by Plaza Cleaners. Samples were collected on April 18-20, 1994 from twelve monitoring wells: MW-13B, MW-16A, MW-19A, MW-19B, MW-20A, MW-20B, MW-21, MW-27, MW-31, MW-32, MW-40, and MW-41 (Figure 1). All samples were analyzed for volatile organics (VOA's). The quality assurance review and laboratory reporting sheets are presented in Appendix A.

Results

Field Observations

Table 1 lists field observation data; static water level, pH, specific conductance, temperature, purged volume, well depth, and the geologic unit for each of the sampled wells. Well MW-20A had a pH reading of 9.1 standard units, which is consistent with previous measurements. The high pH readings in MW-20A are most likely related to well construction. The specific conductance (590 umhos/cm) in well MW-20B, which is screened in a fine-grained till unit, was two to three times greater than the other wells. A higher specific conductance is expected for water from a fine-grained unit.

During this sample round I also inventoried of all the remaining monitoring wells to assess the condition of the wells and dedicated pumps. Part of the protective casing for MW-21 had been removed and filled with gravel. A protective casing should be re-installed. MW-13A and MW-13B, which are located on McChord AFB, are in the way of a road expansion (Burdette,

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1994). These wells should be refurbished or decommissioned. I could not locate wells MW-34, MW-35, and MW-36 behind Plaza Cleaners. I suspect these wells have been covered with fill during a parking lot regrading. I was also unable to locate MW-30 which is in a residential area. Wells MW-30, MW-34, MW-35, and MW-36 should be located and either refurbished or decommissioned.

Laboratory Results

Table 2 summarizes laboratory results. The highest concentrations of tetrachloroethylene (PERC), trichloroethylene (TCE) and cis-1,2-dichloroethylene (cis-1,2-DCE) occurred in well MW-20B with 472 ppb, 8.6 ppb, and 12.6 ppb, respectively. PERC and cis-1,2-DCE were detected in wells MW-16A, MW-20A, MW-21, MW-31, and MW-32 at concentrations near the practical quantitation limit of 0.2 ppb. TCE was detected in wells MW-16A, MW-21, and upgradient well MW-19A near the quantitation limit of 0.2 ppb. Carbon tetrachloride was detected in wells MW-19A and MW-20A at concentrations below the quantitation limit of 0.2 ppb.

Upgradient wells MW-13B and MW-19B were also sampled this round. Both wells are screened in the Vashon Till. PERC was detected in MW-19B below the quantitation limit and TCE was detected in MW-13B near the quantitation limit.

Table 3 shows PERC, TCE, and cis-1,2-DCE concentrations for January 1991 through April 1994. PERC and cis-1,2-DCE continue to be detected at or near the detection limit in most of the wells screened in the Advance Outwash. Well MW-20B, which is screened in the Vashon Till, continues to have the highest concentrations. Figures 2 and 3 show PERC concentrations at wells MW-20B and MW-16A between 1984 and 1994, respectively. Since 1984 PERC concentrations in both wells have varied substantially. PERC concentrations decreased initially in MW-20B from March 1985 (4800 ppb) to May 1985 (570 ppb). After May 1985 concentrations ranged between 120 ppb to 1200 ppb. Over the monitoring period PERC concentrations in MW-16A varied between 3 ppb and 110 ppb.

Methods

Ground Water Sampling

Samples were collected on April 18-20, 1994 from MW-13B, MW-16A, MW-19A, MW-19B, MW-20A, MW-20B, MW-21, MW-27, MW-31, MW-32, MW-40, and MW-41. Prior to sample collection, static water level measurements were obtained using an electronic water level indicator. The meter was rinsed with deionized water after each use. All monitoring wells were purged a minimum of three well volumes and until pH, temperature, and specific conductance readings stabilized. Purge water was discharged to storm drains or to the ground near each monitoring well. All wells were purged and sampled using dedicated bladder

pumps, except for MW-19B and MW-20B. Wells MW-19B and MW-20B were purged and sampled with decontaminated teflon bailers.

Wells were sampled from the least to most contaminated. Samples collected for volatile organics were free of headspace and preserved with two drops of 1:1 hydrochloric acid. Volatile organic samples were analyzed using EPA SW-846 Method 8260 (EPA, 1986).

The bailer was pre-cleaned with a Liquinox® wash and sequential rinses of hot tap water, 10% nitric acid, distilled/deionized water, and pesticide-grade acetone. After cleaning the bailer was air-dried and wrapped in aluminum foil. Chain-of-custody procedures were followed in accordance with Manchester Laboratory protocol (Ecology, 1994).

Data were managed using the ENVIS database software package.

Quality Assurance Samples

In general the quality of the data is acceptable for use.

Quality control samples collected in the field for the ground water monitoring consisted of a transfer blank, a blind duplicate, and a replicate sample. A transfer blank was collected by pouring organic-free water through a decontaminated bailer. A blind duplicate sample was collected from well MW-16A. Duplicate samples are two sets of samples collected from a well simultaneously and submitted to the laboratory with different identification. A replicate sample was collected from well MW-20A. Replicate samples are two sets of samples collected from a well at different times. In addition to quality control samples collected in the field, laboratory quality assurance samples consisted of matrix spikes, matrix spike duplicates and surrogate compound recoveries.

Volatile organic analyses were performed by the Manchester Laboratory. Dickey Huntamer of the Manchester Laboratory conducted the quality assurance review. Low levels of common laboratory solvents such as acetone and methylene chloride were detected in the laboratory blanks. However, these analytes were not detected in the field samples.

Duplicate samples collected at MW-16A provide an estimate of combined sampling and laboratory precision. The numeric comparison of duplicate results is expressed as the relative percent difference or RPD. RPDs are the ratio of the difference and the mean of the duplicate results expressed as a percentage. The RPDs for tetrachloroethylene, trichloroethylene and cis-1,2-dichloroethylene were 1%, 10%, and 13%, respectively. Matrix spike and spike duplicate recoveries for volatile organics are within the QC limits of $\pm 25\%$ for water sample analysis.

References

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- U.S. Environmental Protection Agency, 1986. Test Methods for Evaluating Solid Waste, SW-846. Office of Emergency Response, Washington , D.C., 1986.
- Washington State Department of Ecology, 1994. Manchester Environmental Laboratory - Laboratory Users Manual. Edited by D. Huntamer and J. Hyre.
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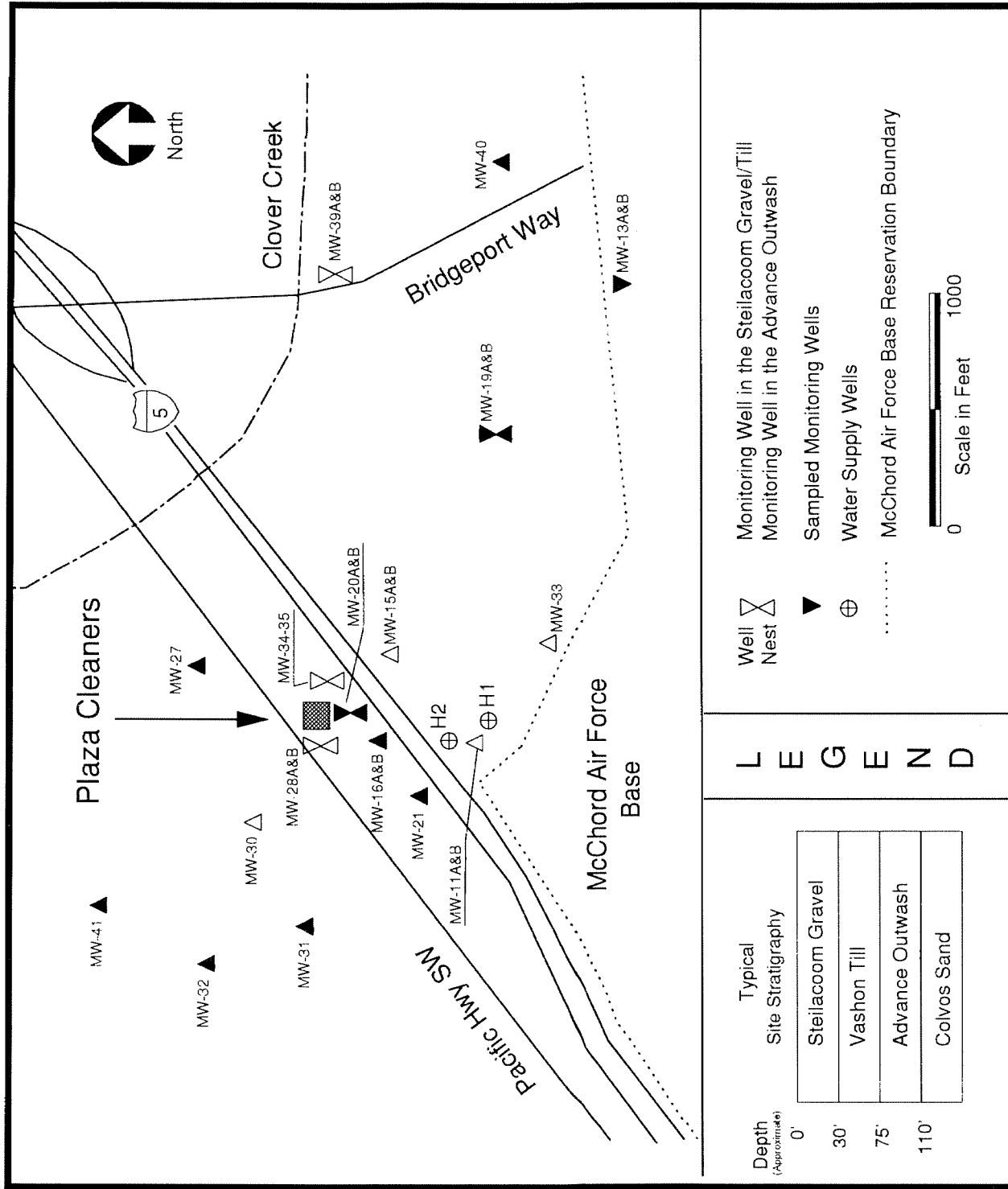


Figure 1: Well Location Map - Lakewood/Plaza Cleaners

Figure 2: PERC Concentrations for Well MW-20B from 1984 to 1994

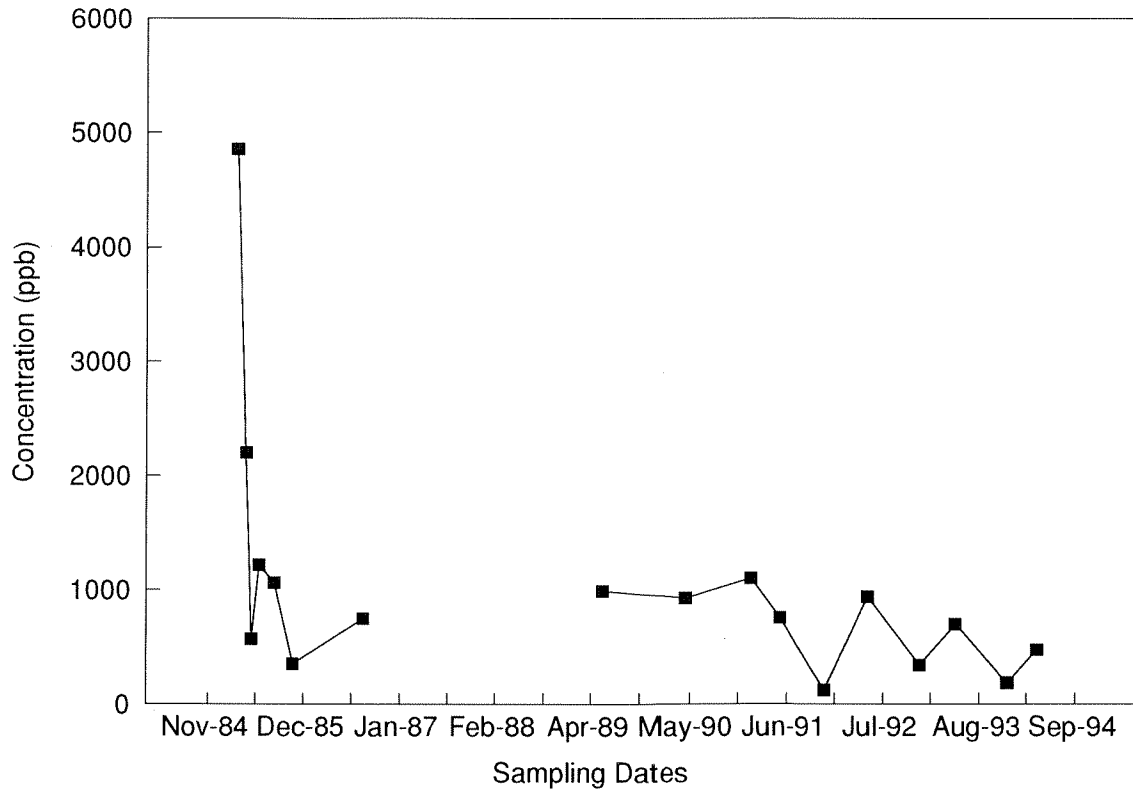


Figure 3: PERC Concentrations for Well MW-16A from 1984 to 1994

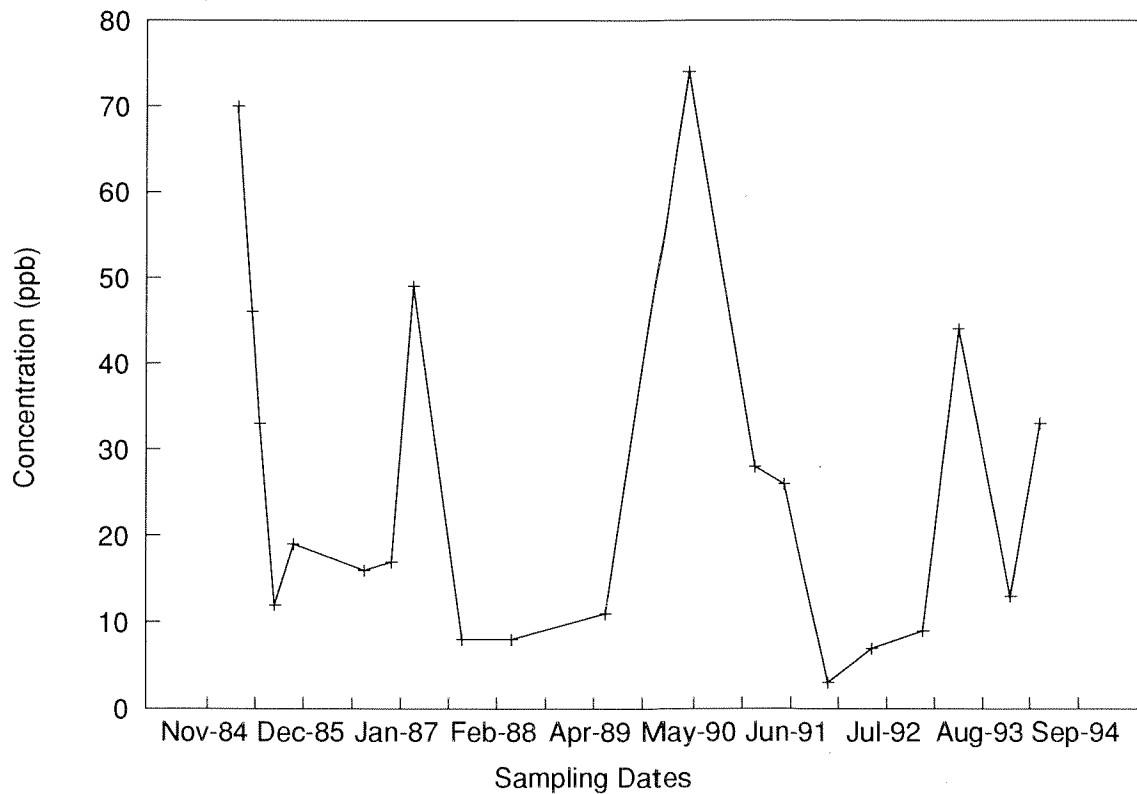


Table 1: Field Parameter Results for April 18-20, 1994

| Monitoring Well | Total Depth From Top of PVC Casing As Measured | Geologic Unit Screened | Depth to Water (Feet) | pH (st. units) | Specific Conductance (umhos/cm) | Temperature (°C) | Purge Volume (gallons) |
|-----------------|------------------------------------------------|------------------------|-----------------------|----------------|---------------------------------|------------------|------------------------|
| MW-40 | 75.1 | Advance Outwash | 34.20 | 7.5 | 260 | 11.1 | 21 |
| MW-19A | 97.5 | Advance Outwash | 38.62 | 6.9 | 200 | 11.8 | 30 |
| MW-19B | 61.2 | Vashon Till | 37.16 | 6.5 | 158 | 12.4 | 12 |
| MW-41 | 96.8 | Advance Outwash | 29.40 | 7.1 | 202 | 11.6 | 33 |
| MW-27 | 96.4 | Advance Outwash | ++ | 6.9 | 180 | 12.2 | 24 |
| MW-20A | 97.3 | Advance Outwash | 33.27 | 9.1 | 200 | 12.9 | 33 |
| MW-32 | 114.4 | Advance Outwash | 61.44 | 7.1 | 188 | 11.9 | 27 |
| MW-31 | 91.5 | Advance Outwash | ++ | 6.9 | 161 | 11.4 | 26 |
| MW-21 | 92.1 | Advance Outwash | 40.09 | 7.0 | 190 | 12.6 | 26 |
| MW-16A | 109 | Advance Outwash | 41.67 | 7.3 | 218 | 12.7 | 132 |
| MW-20B | 50.4 | Vashon Till | 35.49 | 6.8 | 590 | 14.3 | 7.5 |
| MW-13B | 55.7 | Vashon Till | 37.0 | 6.7 | 220 | 11.6 | 11 |

++ = Dedicated pump obstructs water-level measurement.

Table 2: Summary of Analytes Detected in Samples Collected During April 18-20, 1994

| Geologic Unit Screened | Vashon Till | | | | | | | | | | Advance Outwash | | | | |
|----------------------------------------|------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|------------------|-------|-------|--|--|
| | Upgradient Wells | | | | | | | | | | | | | | |
| | MW-13B | MW-19B | MW-20B | MW-16A | MW-20A | MW-21 | MW-27 | MW-31 | MW-32 | MW-41 | Upgradient Wells | | | | |
| Monitoring Well | | | | | | | | | | | MW-19A | MW-40 | | | |
| <u>Volatile Organics: (ug/L)</u> | | | | | | | | | | | | | | | |
| Tetrachloroethylene (PERC) | 0.2 U | 0.07 J | 472 | 32.8 | 0.37 | 1.5 | 0.2 U | 0.69 | 0.72 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | | |
| Trichloroethylene (TCE) | 0.98 | 0.2 U | 8.6 J | 0.56 | 0.2 U | 0.17 J | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.52 | 0.2 U | 0.2 U | | |
| cis-1,2-Dichloroethylene (cis-1,2-DCE) | 0.2 U | 0.2 U | 12.6 | 1.4 | 0.2 U | 0.29 | 0.2 U | 1.0 | 0.6 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | | |
| Carbon Tetrachloride | 0.2 U | 0.2 U | 10 U | 0.2 U | 0.11 J | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.18 J | 0.2 U | 0.2 U | | |

U = The analyte was not detected at or above the reported value.

J = The analyte was positively identified. The associated numerical result is an estimate.

Table 3: Summary of Sampling Results from January 1991 to April 1994

| Well Number | January 1991 | | | May 1991 | | | November 1991 | | | May 1992 | | | December 1992 | | | May 1993 | | |
|-------------|--------------|-----|---------|----------|-------|---------|---------------|-------|---------|----------|-----|---------|---------------|-------|---------|----------|------|---------|
| | PERC | TCE | 1,2-DCE | PERC | TCE | 1,2-DCE | PERC | TCE | 1,2-DCE | PERC | TCE | 1,2-DCE | PERC | TCE | 1,2-DCE | PERC | TCE | 1,2-DCE |
| MW-16A | 28 | 1 J | 2.4 J | 26 | 0.6 J | 2 | 2.7 J | 1 U | 0.6 J | 7 | 1 U | 1 | 9 J | 0.3 J | 0.8 J | 44 | 10 U | 2 J |
| MW-20A | 1 U | 1 U | 1 U | 0.4 J | 1 U | 1 U | 0.4 J | 1 U | 1 U | 0.5 J | 1 U | 1 U | 0.8 J | 1 UJ | 1 UJ | 10 U | 10 U | 10 U |
| MW-20B | 1100 D | 18 | 33 | 752 | 16 | 30 | 120 | 2.6 J | 6.7 | 940 | 13 | 32 | 340 J | 14 J | 20 J | 700 D | 12 | 21 |
| MW-21 | 2.1 J | 1 U | 1 J | 2 | 1 U | 0.7 J | 2.2 J | 1 U | 1.0 J | 2 | 1 U | 0.6 J | 2 | 0.2 J | 0.3 J | 1 J | 10 U | 10 U |
| MW-27 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 10 U | 10 U | 10 U |
| MW-31 | 1 J | 1 U | 1.9 J | 0.6 J | 1 U | 2 | 0.9 J | 1 U | 2.2 J | 0.8 J | 1 U | 1 | 0.5 J | 1 UJ | 0.9 J | 10 U | 10 U | 10 U |
| MW-32 | 1 J | 1 U | 1.1 J | 1 | 1 U | 2 | 0.6 J | 1 U | 0.6 J | 0.7 J | 1 U | 1 | 0.7 J | 1 UJ | 0.5 J | 10 U | 10 U | 10 U |
| MW-41 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 UJ | 1 UJ | 10 U | 10 U | 10 U |
| MW-19A | -- | -- | -- | -- | -- | -- | 1 U | 0.5 J | 1 U | -- | -- | -- | 1 U | 1 UJ | 1 UJ | -- | -- | -- |
| MW-40 | 1 U | 1 U | 1 U | -- | -- | -- | 1 U | 1 U | 1 U | -- | -- | -- | 1 U | 1 UJ | 1 UJ | -- | -- | -- |

| Well Number | December 1993 | | | April 1994 | | |
|-------------|---------------|-------|---------|------------|-------|---------|
| | PERC | TCE | 1,2-DCE | PERC | TCE | 1,2-DCE |
| MW-16A | 13 | 0.3 J | 0.7 J | 33 | 0.6 | 1.4 |
| MW-20A | 0.3 J | 1 U | 1 U | 0.4 | 0.2 U | 0.2 U |
| MW-20B | 187 | 50 U | 6.2 J | 472 | 8.6 J | 12.6 |
| MW-21 | 1.6 | 1 U | 0.4 J | 1.5 | 0.2 J | 0.3 |
| MW-27 | 1 U | 1 U | 1 U | 0.2 U | 0.2 U | 0.2 U |
| MW-31 | 0.8 J | 1 U | 1.2 J | 0.7 | 0.2 U | 1.0 |
| MW-32 | 0.7 J | 1 U | 0.6 J | 0.7 | 0.2 U | 0.6 |
| MW-41 | 1 U | 1 U | 1 U | 0.2 U | 0.2 U | 0.2 U |
| MW-19A | 1 U | 0.4 | 1 U | 0.2 U | 0.5 | 0.2 U |
| MW-40 | 1 U | 1 U | 1 U | 0.2 U | 0.2 U | 0.2 U |

U = The analyte was not detected at or above the reported result.
 J = The analyte was positively identified. The associated numerical result is an estimate.
 UJ = The analyte was not detected at or above the reported estimated result.
 D = Analysis performed at secondary dilution.
 --- = Not Tested

APPENDIX A

Analytical Results
Lakewood/Plaza Cleaners
April 18-20, 1994

MANCHESTER ENVIRONMENTAL LABORATORY
7411 Beach Drive E , Port Orchard Washington 98366

CASE NARRATIVE


May 25, 1994

Subject: Lakewood Plaza Cleaners

Samples: 94 - 168080 to -168094

Case No. DOE-083X

Officer: Pam Marti

By: Dickey D. Huntamer 
Organics Analysis Unit

VOLATILE ORGANIC ANALYSIS

ANALYTICAL METHODS:

Volatile organic compounds were analyzed using Manchester modification of the EPA SW 846 Method 8260 purge-trap procedure with capillary GC/MS analysis. Normal QA/QC procedures were performed on the samples.

BLANKS:

Low levels of the common laboratory solvents acetone and methylene chloride were detected in the laboratory blanks along with traces of some other compounds. The EPA five times rule was applied to all target compounds which were found in the blank. Compounds that were found in the sample and in the blank were considered real and not the result of contamination if the levels in the sample are greater than or equal to five times the amount of compounds in the associated method blank.

SURROGATES:

Surrogate recoveries were within acceptable limits for water samples.

HOLDING TIMES:

Both the water and soil samples were analyzed within the recommended 14 day holding time.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE:

Water matrix spikes were within acceptable QC limits for both percent recovery and Relative Percent Differences (RPD) for most compounds. Tetrachloroethene was outside due to high native concentrations, while cis and trans -1,3-dichloropropene and m+p xylene had low recoveries and the "J" qualifier was added to the results for these compounds.

ANALYTICAL COMMENTS:

No analytical problems were encountered in the analysis. The data is acceptable for use as qualified.

DATA QUALIFIER CODES:

- U - The analyte was not detected at or above the reported value.
- J - The analyte was positively identified. The associated numerical value is an estimate.
- UJ - The analyte was not detected at or above the reported estimated result.
- REJ - The data are unusable for all purposes.
- EXP - The result is equal to the number before EXP times 10 to the power of the number after EXP. As an example 3EXP6 equals 3×10^6 .
- NAF - Not analyzed for.
- N - For organic analytes there is evidence the analyte is present in this sample.
- NJ - There is evidence that the analyte is present. The associated numerical result is an estimate.
- E - This qualifier is used when the concentration of the associated value exceeds the known calibration range.
- * - The analyte was present in the sample. (Visual Aid to locate detected compound on report sheet.)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM

Account: D3P11

Laboratory: Ecology, Manchester

Sample No: 94 168080

Description: MW-40

Source: Well (Test/Observation)

Begin Date: 94/04/18

| VOA - PP Scan | Water-Total Result | Units | VOA - PP Scan | Water-Total Result | Units |
|--------------------------|--------------------|-------|--------------------------|--------------------|---------|
| Carbon Tetrachloride | 0.20U | ug/l | | 0.20U | ug/l |
| Acetone | 10.0U | ug/l | 1,3,5-Trimethylbenzene | 0.20U | ug/l |
| Chloroform | 0.20U | ug/l | Bromobenzene | 0.20U | ug/l |
| Benzene | 1.0U | ug/l | Toluene | 1.0U | ug/l |
| 1,1,1-Trichloroethane | 1.0U | ug/l | Chlorobenzene | 0.20U | ug/l |
| Bromomethane | 5.0U | ug/l | 1,2,4-Trichlorobenzene | 0.20U | ug/l |
| Chloromethane | 1.0U | ug/l | Dibromochloromethane | 0.20U | ug/l |
| Bromochloromethane | 1.0U | ug/l | Tetrachloroethene | 0.20U | ug/l |
| Chloroethane | 1.0U | ug/l | Sec-Butylbenzene | 0.20U | ug/l |
| Vinyl Chloride | 1.0U | ug/l | 1,3-Dichloropropane | 0.20U | ug/l |
| Methylene Chloride | 10.0U | ug/l | Cis-1,2-Dichloroethene | 0.20U | ug/l |
| Carbon Disulfide | 2.0U | ug/l | trans-1,2-Dichloroethene | 0.20U | ug/l |
| Bromoform | 1.0U | ug/l | 1,3-Dichlorobenzene | 0.20U | ug/l |
| Bromodichloromethane | 0.20U | ug/l | 1,1-Dichloropropene | 0.20U | ug/l |
| 1,1-Dichloroethane | 0.20U | ug/l | 2-Hexanone | 1.0U | ug/l |
| 1,1-Dichloroethene | 1.0U | ug/l | 2,2-Dichloropropane | 1.0U | ug/l |
| Trichlorofluoromethane | 1.0U | ug/l | Ethane, 1,1,1,2-Tetrac | 0.60U | ug/l |
| Methane, Dichlorodiflu | 1.0U | ug/l | Total Xylenes | 0.40U | ug/l |
| 1,2-Dichloropropane | 0.20U | ug/l | m p-XYLENE | 0.11U | ug/l |
| 2-Butanone | 1.0U | ug/l | cis-1,3-Dichloropropene | 0.094U | ug/l |
| 1,1,2-Trichloroethane | 0.20U | ug/l | trans-1,3-Dichloroprop | 101 | % Recov |
| Ethene, trichloro- | 0.20U | ug/l | p-BROMOFLUOROBENZENE | 101 | % Recov |
| ETHANE, 1,1,2,2-TETRAC | 0.20U | ug/l | FLUOROBENZENE | 101 | % Recov |
| 1,2,3-Trichlorobenzene | 0.20U | ug/l | TOLUENE-D8 | 101 | % Recov |
| Hexachlorobutadiene | 0.20U | ug/l | 1,2-DICHLOROETHENE-D4 | 101 | % Recov |
| Naphthalene | 0.20U | ug/l | 1,2-DICHLOROETHANE-D4 | 101 | % Recov |
| o-XYLENE | 0.20U | ug/l | | | |
| 2-Chlorotoluene | 0.20U | ug/l | | | |
| 1,2-Dichlorobenzene | 0.20U | ug/l | | | |
| 1,2,4-Trimethylbenzene | 0.20U | ug/l | | | |
| 1,2-Dibromo-3-chloropri | 1.0U | ug/l | | | |
| 1,2,3-Trichloropropane | 1.0U | ug/l | | | |
| Tert-Butylbenzene | 0.20U | ug/l | | | |
| Isopropylbenzene (Cume | 1.0U | ug/l | | | |
| p-Isopropyltoluene | 0.20U | ug/l | | | |
| Ethylbenzene | 0.20U | ug/l | | | |
| BENZENE, ETHENYL- (STYR | 0.20U | ug/l | | | |
| BENZENE, PROPYL- | 0.20U | ug/l | | | |
| Butylbenzene | 0.20U | ug/l | | | |
| 4-Chlorotoluene | 0.20U | ug/l | | | |
| 1,4-Dichlorobenzene | 0.20U | ug/l | | | |
| 1,2-Dibromoethane (EDB) | 0.20U | ug/l | | | |
| 1,2-Dichloroethane | 0.20U | ug/l | | | |
| 4-Methyl-2-Pentanone (M+ | 1.0U | ug/l | | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM Account: D3P11

Laboratory: Ecology, Manchester

Sample No: 94 168081 Description: MW-19A Source: Well (Test/Observation)

Begin Date: 94/04/18

| VOA - PP Scan | Water-Total Result Units | VOA - PP Scan | Water-Total Result Units |
|--------------------------|--------------------------|--------------------------|--------------------------|
| Carbon Tetrachloride | 0.18J* ug/l | 1,3,5-Trimethylbenzene | 0.20U ug/l |
| Acetone | 10.0U ug/l | Bromobenzene | 0.20U ug/l |
| Chloroform | 0.20U ug/l | Toluene | 0.20U ug/l |
| Benzene | 1.0U ug/l | Chlorobenzene | 1.0U ug/l |
| 1,1,1-Trichloroethane | 1.0U ug/l | 1,2,4-Trichlorobenzene | 0.20U ug/l |
| Bromomethane | 5.0U ug/l | Dibromochloromethane | 0.20U ug/l |
| Chloromethane | 1.0U ug/l | Tetrachloroethene | 0.20U ug/l |
| Dibromomethane | 0.20U ug/l | Sec-Butylbenzene | 0.20U ug/l |
| Bromochloromethane | 1.0U ug/l | 1,3-Dichloropropane | 0.20U ug/l |
| Chloroethane | 1.0U ug/l | Cis-1,2-Dichloroethene | 0.20U ug/l |
| Vinyl Chloride | 1.0U ug/l | trans-1,2-Dichloroethene | 0.20U ug/l |
| Methylene Chloride | 10.0U ug/l | 1,3-Dichlorobenzene | 0.20U ug/l |
| Carbon Disulfide | 2.0U ug/l | 1,1-Dichloropropene | 0.20U ug/l |
| Bromoform | 1.0U ug/l | 2-Hexanone | 1.0U ug/l |
| Bromodichloromethane | 0.20U ug/l | 2,2-Dichloropropane | 1.0U ug/l |
| 1,1-Dichloroethane | 0.20U ug/l | Ethane, 1,1,1,2-Tetrac+ | 0.20U ug/l |
| 1,1-Dichloroethene | 1.0U ug/l | Total XYLENES | 0.60U ug/l |
| Trichlorofluoromethane | 1.0U ug/l | m p XYLENE | 0.40U ug/l |
| Methane, Dichlorodiflu+ | 1.0U ug/l | cis-1,3-Dichloropropene | 0.11U ug/l |
| 1,2-Dichloropropane | 0.20U ug/l | trans-1,3-Dichloroprop+ | 0.094U ug/l |
| 2-Butanone | 1.0U ug/l | p-BROMOFLUOROBENZENE | 98 ‡ Recov |
| 1,1,2-Trichloroethane | 0.20U ug/l | FLUOROBENZENE | 100 ‡ Recov |
| Ethene, trichloro- | 0.52 * ug/l | TOLUENE-D8 | 102 ‡ Recov |
| ETHANE, 1,1,2,2-TETRAC+ | 0.20U ug/l | 1,2-DICHLOROBENZENE-D4 | 99 ‡ Recov |
| 1,2,3-Trichlorobenzene | 0.20U ug/l | 1,2-DICHLOROETHANE-D4 | 101 ‡ Recov |
| Hexachlorobutadiene | 0.20U ug/l | | |
| Naphthalene | 0.20U ug/l | | |
| o-XYLENE | 0.20U ug/l | | |
| 2-Chlorotoluene | 0.20U ug/l | | |
| 1,2-Dichlorobenzene | 0.20U ug/l | | |
| 1,2,4-Trimethylbenzene | 0.20U ug/l | | |
| 1,2-Dibromo-3-chloropr+ | 1.0U ug/l | | |
| 1,2,3-Trichloropropane | 1.0U ug/l | | |
| Tert-Butylbenzene | 0.20U ug/l | | |
| Isopropylbenzene (Cume+ | 1.0U ug/l | | |
| p-Isopropyltoluene | 0.20U ug/l | | |
| Ethylbenzene | 0.20U ug/l | | |
| BENZENE, ETHENYL- (STYR+ | 0.20U ug/l | | |
| BENZENE, PROPYL- | 0.20U ug/l | | |
| Butylbenzene | 0.20U ug/l | | |
| 4-Chlorotoluene | 0.20U ug/l | | |
| 1,4-Dichlorobenzene | 0.20U ug/l | | |
| 1,2-Dibromoethane (EDB) | 0.20U ug/l | | |
| 1,2-Dichloroethane | 0.20U ug/l | | |
| 4-Methyl-2-Pentanone (M+ | 1.0U ug/l | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM

Account: D3P11

Laboratory: Ecology, Manchester

Source: Well (Test/Observation)

Description: MW-19B

Begin Date: 94/04/18

| VOA - PP Scan | Water-Total Result | Units | VOA - PP Scan *** Continued *** | Water-Total Result | Units |
|--------------------------|-----------------------|-------|------------------------------------|-----------------------|---------|
| Carbon Tetrachloride | 0.200 | ug/l | | | |
| Acetone | 10.00 | ug/l | 1,3,5-Trimethylbenzene | 0.200 | ug/l |
| Chloroform | 0.200 | ug/l | Bromobenzene | 0.200 | ug/l |
| Benzene | 1.00 | ug/l | Toluene | 0.200 | ug/l |
| 1,1,1-Trichloroethane | 1.00 | ug/l | Chlorobenzene | 1.00 | ug/l |
| Bromomethane | 5.00 | ug/l | 1,2,4-Trichlorobenzene | 0.200 | ug/l |
| Chloromethane | 1.00 | ug/l | Dibromochloromethane | 0.200 | ug/l |
| Dibromomethane | 0.200 | ug/l | Tetrachloroethene | 0.070J* | ug/l |
| Bromochloromethane | 1.00 | ug/l | Sec-Butylbenzene | 0.200 | ug/l |
| Chloroethane | 1.00 | ug/l | 1,3-Dichloropropane | 0.200 | ug/l |
| Vinyl Chloride | 1.00 | ug/l | Cis-1,2-Dichloroethene | 0.200 | ug/l |
| Methylene Chloride | 10.00 | ug/l | trans-1,2-Dichloroethene | 0.200 | ug/l |
| Carbon Disulfide | 2.00 | ug/l | 1,3-Dichlorobenzene | 0.200 | ug/l |
| Bromoform | 1.00 | ug/l | 1,1-Dichloropropene | 0.200 | ug/l |
| Bromodichloromethane | 0.200 | ug/l | 2-Hexanone | 1.00 | ug/l |
| 1,1-Dichloroethane | 0.200 | ug/l | 2,2-Dichloropropane | 1.00 | ug/l |
| 1,1-Dichloroethene | 1.00 | ug/l | Ethane, 1,1,1,2-Tetrac | 0.200 | ug/l |
| Trichlorofluoromethane | 1.00 | ug/l | Total Xylenes | 0.600 | ug/l |
| Methane, Dichlorodiflu | 1.00 | ug/l | m p-XYLENE | 0.400 | ug/l |
| 1,2-Dichloropropane | 0.200 | ug/l | cis-1,3-Dichloropropene | 0.110 | ug/l |
| 2-Butanone | 1.00 | ug/l | trans-1,3-Dichloroprop+ | 0.094U | ug/l |
| 1,1,2-Trichloroethane | 0.200 | ug/l | P-BROMOFLUOROBENZENE | 98 | % Recov |
| Ethene, trichloro- | 0.200 | ug/l | FLUOROBENZENE | 102 | % Recov |
| ETHANE, 1,1,2,2-TETRAC+ | 0.200 | ug/l | TOLUENE-D8 | 101 | % Recov |
| 1,2,3-Trichlorobenzene | 0.200 | ug/l | 1,2-DICHLOROBENZENE-D4 | 99 | % Recov |
| Hexachlorobutadiene | 0.200 | ug/l | 1,2-DICHLOROETHANE-D4 | 102 | % Recov |
| Naphthalene | 0.200 | ug/l | | | |
| p-XYLENE | 0.200 | ug/l | | | |
| o-Chlorotoluene | 0.200 | ug/l | | | |
| 1,2-Dichlorobenzene | 0.200 | ug/l | | | |
| 1,2,4-Trimethylbenzene | 0.200 | ug/l | | | |
| 1,2-Dibromo-3-chloropr+ | 1.00 | ug/l | | | |
| 1,2,3-Trichloropropane | 1.00 | ug/l | | | |
| Tert-Butylbenzene | 0.200 | ug/l | | | |
| Isopropylbenzene (Cume+ | 1.00 | ug/l | | | |
| p-Isopropyltoluene | 0.200 | ug/l | | | |
| Ethylbenzene | 0.200 | ug/l | | | |
| BENZENE, ETHENYL-(STYR+ | 0.200 | ug/l | | | |
| BENZENE, PROPYL- | 0.200 | ug/l | | | |
| Butylbenzene | 0.200 | ug/l | | | |
| 4-Chlorotoluene | 0.200 | ug/l | | | |
| 1,4-Dichlorobenzene | 0.200 | ug/l | | | |
| 1,2-Dibromoethane (EDB) | 0.200 | ug/l | | | |
| 1,2-Dichloroethane | 0.200 | ug/l | | | |
| 4-Methyl-2-Pentanone (M+ | 1.00 | ug/l | | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM

Account: D3P11

Laboratory: Ecology, Manchester

Source: Well (Test/Observation)

Sample No: 94 168083 Description: MW-41

Begin Date: 94/04/18

| VOA - PP Scan | Water-Total Result | Units | VOA - PP Scan | Water-Total Result | Units |
|--------------------------|--------------------|-------|--------------------------|--------------------|---------|
| Carbon Tetrachloride | 0.20U | ug/l | 1,3,5-Trimethylbenzene | 0.20U | ug/l |
| Acetone | 10.00U | ug/l | Bromobenzene | 0.20U | ug/l |
| Chloroform | 0.20U | ug/l | Toluene | 0.20U | ug/l |
| Benzene | 1.00U | ug/l | Chlorobenzene | 1.00U | ug/l |
| 1,1,1-Trichloroethane | 1.00U | ug/l | 1,2,4-Trichlorobenzene | 0.20U | ug/l |
| Bromomethane | 5.00U | ug/l | Dibromochloromethane | 0.20U | ug/l |
| Chloromethane | 1.00U | ug/l | Tetrachloroethene | 0.20U | ug/l |
| Dibromomethane | 0.20U | ug/l | Sec-Butylbenzene | 0.20U | ug/l |
| Bromochloromethane | 1.00U | ug/l | 1,3-Dichloropropane | 0.20U | ug/l |
| Chloroethane | 1.00U | ug/l | Cis-1,2-Dichloroethene | 0.20U | ug/l |
| Vinyl Chloride | 1.00U | ug/l | trans-1,2-Dichloroethene | 0.20U | ug/l |
| Methylene Chloride | 10.00U | ug/l | 1,3-Dichlorobenzene | 0.20U | ug/l |
| Carbon Disulfide | 2.00U | ug/l | 1,1-Dichloropropene | 0.20U | ug/l |
| Bromoform | 1.00U | ug/l | 2-Hexanone | 1.00U | ug/l |
| Bromodichloromethane | 0.20U | ug/l | 2,2-Dichloropropane | 1.00U | ug/l |
| 1,1-Dichloroethane | 0.20U | ug/l | Ethane, 1,1,1,2-Tetrac+ | 0.20U | ug/l |
| 1,1-Dichloroethene | 1.00U | ug/l | Total Xylenes | 0.60U | ug/l |
| Trichlorofluoromethane | 1.00U | ug/l | m,p-XYLENE | 0.40U | ug/l |
| Methane, Dichlorodiflu+ | 1.00U | ug/l | cis-1,3-Dichloropropene | 0.11U | ug/l |
| 1,2-Dichloropropane | 0.20U | ug/l | trans-1,3-Dichloroprop+ | 0.094U | ug/l |
| 2-Butanone | 1.00U | ug/l | P-BROMOFLUOROBENZENE | 99 | % Recov |
| 1,1,2-Trichloroethane | 0.20U | ug/l | FLUOROBENZENE | 101 | % Recov |
| Ethene, trichloro- | 0.20U | ug/l | TOLUENE-D8 | 103 | % Recov |
| ETHANE, 1,1,2,2-TETRAC+ | 0.20U | ug/l | 1,2-DICHLOROBENZENE-D4 | 101 | % Recov |
| 1,2,3-Trichlorobenzene | 0.20U | ug/l | 1,2-DICHLOROETHANE-D4 | 100 | % Recov |
| Hexachlorobutadiene | 0.20U | ug/l | | | |
| Naphthalene | 0.20U | ug/l | | | |
| o-XYLENE | 0.20U | ug/l | | | |
| 2-Chlorotoluene | 0.20U | ug/l | | | |
| 1,2-Dichlorobenzene | 0.20U | ug/l | | | |
| 1,2,4-Trimethylbenzene | 0.20U | ug/l | | | |
| 1,2-Dibromo-3-chloropr+ | 1.00U | ug/l | | | |
| 1,2,3-Trichloropropane | 1.00U | ug/l | | | |
| Tert-Butylbenzene | 0.20U | ug/l | | | |
| Isopropylbenzene (Cume+ | 1.00U | ug/l | | | |
| p-Isopropyltoluene | 0.20U | ug/l | | | |
| Ethylbenzene | 0.20U | ug/l | | | |
| BENZENE, ETHENYL- (STYR+ | 0.20U | ug/l | | | |
| BENZENE, PROPYL- | 0.20U | ug/l | | | |
| Butylbenzene | 0.20U | ug/l | | | |
| 4-Chlorotoluene | 0.20U | ug/l | | | |
| 1,4-Dichlorobenzene | 0.20U | ug/l | | | |
| 1,2-Dibromoethane (EDB) | 0.20U | ug/l | | | |
| 1,2-Dichloroethane | 0.20U | ug/l | | | |
| 4 Methyl-2-Pentanone(M+ | 1.00U | ug/l | | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM

Account: D3P11

Laboratory: Ecology, Manchester

Sample No: 94 168084

Description: MW-27

Source: Well (Test/Observation)

Begin Date: 94/04/18

| VOA - PP Scan | Water-Total Result Units | VOA - PP Scan *** Continued | Water-Total Result Units |
|-----------------------------|--------------------------|-----------------------------|--------------------------|
| Carbon Tetrachloride | 0.200 ug/l | | |
| Acetone | 10.00 ug/l | 1,3,5-Trimethylbenzene | 0.200 ug/l |
| Chloroform | 0.200 ug/l | Bromobenzene | 0.200 ug/l |
| Benzene | 1.00 ug/l | Toluene | 1.00 ug/l |
| 1,1,1-Trichloroethane | 1.00 ug/l | Chlorobenzene | 0.200 ug/l |
| Bromomethane | 5.00 ug/l | 1,2,4-Trichlorobenzene | 0.200 ug/l |
| Chloromethane | 1.00 ug/l | Dibromochloromethane | 0.200 ug/l |
| Dibromomethane | 0.200 ug/l | Tetrachloroethene | 0.200 ug/l |
| Bromochloromethane | 1.00 ug/l | Sec-Butylbenzene | 0.200 ug/l |
| Chloroethane | 1.00 ug/l | 1,3-Dichloropropane | 0.200 ug/l |
| Vinyl Chloride | 1.00 ug/l | Cis-1,2-Dichloroethene | 0.200 ug/l |
| Methylene Chloride | 10.00 ug/l | trans-1,2-Dichloroethene | 0.200 ug/l |
| Carbon Disulfide | 2.00 ug/l | 1,3-Dichlorobenzene | 0.200 ug/l |
| Bromoform | 1.00 ug/l | 1,1-Dichloropropene | 0.200 ug/l |
| Bromodichloromethane | 0.200 ug/l | 2-Hexanone | 1.00 ug/l |
| 1,1-Dichloroethane | 0.200 ug/l | 2,2-Dichloropropane | 1.00 ug/l |
| 1,1-Dichloroethene | 1.00 ug/l | Ethane, 1,1,1,2-Tetrachloro | 0.200 ug/l |
| Trichlorofluoromethane | 1.00 ug/l | Total Xylenes | 0.600 ug/l |
| Methane, Dichlorodifluoro | 1.00 ug/l | m p-XYLENE | 0.400 ug/l |
| 1,2-Dichloropropane | 0.200 ug/l | cis-1,3-Dichloropropene | 0.110 ug/l |
| 2-Butanone | 1.00 ug/l | trans-1,3-Dichloropropene | 0.0940 ug/l |
| 1,1,2-Trichloroethane | 0.200 ug/l | p-BROMOFLUOROBENZENE | 99 % Recov |
| Ethene, trichloro- | 0.200 ug/l | FLUOROBENZENE | 101 % Recov |
| ETHANE, 1,1,2,2-TETRACHLORO | 0.200 ug/l | TOLUENE-D8 | 102 % Recov |
| 1,2,3-Trichlorobenzene | 0.200 ug/l | 1,2-DICHLOROBENZENE-D4 | 100 % Recov |
| Hexachlorobutadiene | 0.200 ug/l | 1,2-DICHLOROETHANE-D4 | 103 % Recov |
| Naphthalene | 0.200 ug/l | | |
| o-XYLENE | 0.200 ug/l | | |
| 2-Chlorotoluene | 0.200 ug/l | Tent Ident - VOA Sca | Water-Total |
| 1,2-Dichlorobenzene | 0.200 ug/l | | Result Units |
| 1,2,4-Trimethylbenzene | 0.200 ug/l | | |
| 1,2-Dibromo-3-chloropropane | 1.00 ug/l | 2-BUTENOIC ACID, METHYL | 4.4NJ* ug/l |
| 1,2,3-Trichloropropane | 0.200 ug/l | | |
| Tert-Butylbenzene | 0.200 ug/l | | |
| Isopropylbenzene (Cume) | 1.00 ug/l | | |
| p-Isopropyltoluene | 0.200 ug/l | | |
| Ethylbenzene | 0.200 ug/l | | |
| BENZENE, ETHENYL-(STYR) | 0.200 ug/l | | |
| BENZENE, PROPYL- | 0.200 ug/l | | |
| Butylbenzene | 0.200 ug/l | | |
| 4-Chlorotoluene | 0.200 ug/l | | |
| 1,4-Dichlorobenzene | 0.200 ug/l | | |
| 1,2-Dibromoethane (EDB) | 0.200 ug/l | | |
| 1,2-Dichloroethane | 0.200 ug/l | | |
| 4-Methyl-2-Pentanone (M) | 1.00 ug/l | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM Account: D3P11

Laboratory: Ecology, Manchester

Sample No: 94 168085 Description: MW-20A Source: Well (Test/Observation)

Begin Date: 94/04/18

| VOA - PP Scan | Water-Total Result | Units | VOA - PP Scan | Water-Total Result | Units |
|-------------------------|--------------------|-------|--------------------------|--------------------|-------|
| Carbon Tetrachloride | 0.11J* | ug/l | 1,3,5-Trimethylbenzene | 0.200 | ug/l |
| Acetone | 10.00 | ug/l | Bromobenzene | 0.200 | ug/l |
| Chloroform | 0.200 | ug/l | Toluene | 0.200 | ug/l |
| Benzene | 1.00 | ug/l | Chlorobenzene | 1.00 | ug/l |
| 1,1,1-Trichloroethane | 1.00 | ug/l | 1,2,4-Trichlorobenzene | 0.200 | ug/l |
| Bromomethane | 5.00 | ug/l | Dibromochloromethane | 0.200 | ug/l |
| Chloromethane | 1.00 | ug/l | Tetrachloroethene | 0.37 * | ug/l |
| Dibromomethane | 0.200 | ug/l | Sec-Butylbenzene | 0.200 | ug/l |
| Bromochloromethane | 1.00 | ug/l | 1,3-Dichloropropane | 0.200 | ug/l |
| Chloroethane | 1.00 | ug/l | Cis-1,2-Dichloroethene | 0.200 | ug/l |
| Vinyl Chloride | 1.00 | ug/l | trans-1,2-Dichloroethene | 0.200 | ug/l |
| Methylene Chloride | 10.00 | ug/l | 1,3-Dichlorobenzene | 0.200 | ug/l |
| Carbon Disulfide | 2.00 | ug/l | 1,1-Dichloropropene | 0.200 | ug/l |
| Bromoform | 1.00 | ug/l | 2-Hexanone | 1.00 | ug/l |
| Bromodichloromethane | 0.200 | ug/l | 2,2-Dichloropropane | 1.00 | ug/l |
| 1,1-Dichloroethane | 0.200 | ug/l | Ethane, 1,1,1,2-Tetrac | 0.200 | ug/l |
| 1,1-Dichloroethene | 1.00 | ug/l | Total Xylenes | 0.600 | ug/l |
| Trichlorofluoromethane | 1.00 | ug/l | m p-XYLENE | 0.400 | ug/l |
| Methane, Dichlorodiflu | 1.00 | ug/l | cis-1,3-Dichloropropene | 0.110 | ug/l |
| 1,2-Dichloropropane | 0.200 | ug/l | trans-1,3-Dichloroprop | 0.0940 | ug/l |
| 2-Butanone | 1.00 | ug/l | p-BROMOFLUOROBENZENE | 96 | Recov |
| 1,1,2-Trichloroethane | 0.200 | ug/l | FLUOROBENZENE | 101 | Recov |
| Ethene, trichloro- | 0.200 | ug/l | TOLUENE-D8 | 102 | Recov |
| ETHANE, 1,1,2,2-TETRAC | 0.200 | ug/l | 1,2-DICHLOROBENZENE-D4 | 102 | Recov |
| 1,2,3-Trichlorobenzene | 0.200 | ug/l | 1,2-DICHLOROETHANE-D4 | 100 | Recov |
| Hexachlorobutadiene | 0.200 | ug/l | | | |
| Naphthalene | 0.200 | ug/l | | | |
| o-XYLENE | 0.200 | ug/l | | | |
| 2-Chlorotoluene | 0.200 | ug/l | | | |
| 1,2-Dichlorobenzene | 0.200 | ug/l | | | |
| 1,2,4-Trimethylbenzene | 0.200 | ug/l | | | |
| 1,2-Dibromo-3-chloropr | 1.00 | ug/l | | | |
| 1,2,3-Trichloropropane | 1.00 | ug/l | | | |
| Tert-Butylbenzene | 0.200 | ug/l | | | |
| Isopropylbenzene (Cume | 1.00 | ug/l | | | |
| p-Isopropyltoluene | 0.200 | ug/l | | | |
| Ethylbenzene | 0.200 | ug/l | | | |
| BENZENE, ETHENYL- (STYR | 0.200 | ug/l | | | |
| BENZENE, PROPYL- | 0.200 | ug/l | | | |
| Butylbenzene | 0.200 | ug/l | | | |
| 4-Chlorotoluene | 0.200 | ug/l | | | |
| 1,4-Dichlorobenzene | 0.200 | ug/l | | | |
| 1,2-Dibromoethane (EDB) | 0.200 | ug/l | | | |
| 1,2-Dichloroethane | 0.200 | ug/l | | | |
| 4-Methyl-2-Pentanone(M | 1.00 | ug/l | | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM

Account: D3P11

Laboratory: Ecology, Manchester

Sample No: 94 168086

Description: MW-32

Source: Well (Test/Observation)

Begin Date: 94/04/18

| VOA - PP Scan | Water-Total Result Units | VOA - PP Scan *** Continued *** | Water-Total Result Units |
|-------------------------|--------------------------|---------------------------------|--------------------------|
| Carbon Tetrachloride | 0.200 ug/l | | 0.200 ug/l |
| Acetone | 10.00 ug/l | 1,3,5-Trimethylbenzene | 0.200 ug/l |
| Chloroform | 0.200 ug/l | Bromobenzene | 0.200 ug/l |
| Benzene | 1.00 ug/l | Toluene | 1.00 ug/l |
| 1,1,1-Trichloroethane | 1.00 ug/l | Chlorobenzene | 0.200 ug/l |
| Bromomethane | 5.00 ug/l | 1,2,4-Trichlorobenzene | 0.200 ug/l |
| Chloromethane | 1.00 ug/l | Dibromochloromethane | 0.200 ug/l |
| Dibromomethane | 0.200 ug/l | Tetrachloroethene | 0.72 * ug/l |
| Bromochloromethane | 1.00 ug/l | Sec-Butylbenzene | 0.200 ug/l |
| Chloroethane | 1.00 ug/l | 1,3-Dichloropropane | 0.200 ug/l |
| Vinyl Chloride | 1.00 ug/l | Cis-1,2-Dichloroethene | 0.60 * ug/l |
| Methylene Chloride | 10.00 ug/l | trans-1,2-Dichloroethene | 0.200 ug/l |
| Carbon Disulfide | 2.00 ug/l | 1,3-Dichlorobenzene | 0.200 ug/l |
| Bromoform | 1.00 ug/l | 1,1-Dichloropropene | 0.200 ug/l |
| Bromodichloromethane | 0.200 ug/l | 2-Hexanone | 1.00 ug/l |
| 1,1-Dichloroethane | 0.200 ug/l | 2,2-Dichloropropane | 1.00 ug/l |
| 1,1-Dichloroethene | 1.00 ug/l | Ethane, 1,1,1,2-Tetrac | 0.200 ug/l |
| Trichlorofluoromethane | 1.00 ug/l | Total Xylenes | 0.600 ug/l |
| Methane, Dichlorodiflu | 1.00 ug/l | m p-XYLENE | 0.400 ug/l |
| 1,2-Dichloropropane | 0.200 ug/l | cis-1,3-Dichloropropene | 0.110 ug/l |
| 2-Butanone | 1.00 ug/l | trans-1,3-Dichloroprop | 0.0940 ug/l |
| 1,1,2-Trichloroethane | 0.200 ug/l | p-BROMOCHLOROBENZENE | 98 % Recov |
| Ethene, trichloro- | 0.200 ug/l | FLUOROB | 100 % Recov |
| ETHANE, 1,1,2,2-TETRAC | 0.200 ug/l | TOLUENE-D | 102 % Recov |
| 1,2,3-Trichlorobenzene | 0.200 ug/l | 1,2-DICHLOROBENZENE-D4 | 101 % Recov |
| Hexachlorobutadiene | 0.200 ug/l | 1,2-DICHLOROETHANE-D4 | 101 % Recov |
| Naphthalene | 0.200 ug/l | | |
| o-XYLENE | 0.200 ug/l | | |
| 2-Chlorotoluene | 0.200 ug/l | | |
| 1,2-Dichlorobenzene | 0.200 ug/l | | |
| 1,2,4-Trimethylbenzene | 0.200 ug/l | | |
| 1,2-Dibromo-3-chloropr | 1.00 ug/l | | |
| 1,2,3-Trichloropropane | 1.00 ug/l | | |
| Tert-Butylbenzene | 0.200 ug/l | | |
| Isopropylbenzene (Cume | 1.00 ug/l | | |
| p-Isopropyltoluene | 0.200 ug/l | | |
| Ethylbenzene | 0.200 ug/l | | |
| BENZENE, ETHENYL-(STYR | 0.200 ug/l | | |
| BENZENE, PROPYL- | 0.200 ug/l | | |
| Butylbenzene | 0.200 ug/l | | |
| 4-Chlorotoluene | 0.200 ug/l | | |
| 1,4-Dichlorobenzene | 0.200 ug/l | | |
| 1,2-Dibromoethane (EDB) | 0.200 ug/l | | |
| 1,2-Dichloroethane | 0.200 ug/l | | |
| 4 Methyl-2-Pentanone (M | 1.00 ug/l | | |
| | | Tent Ident - VOA Sca | Water-Total Result Units |
| | | 2-BUTENOIC ACID, METHY+ | 4.5NJ* ug/l |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM Account: D3P11

Laboratory: Ecology, Manchester

Source: Well (Test/Observation)

Description: MW-31

Sample No: 94 168087

Begin Date: 94/04/19

| VOA - PP Scan | Water-Total Result Units | VOA - FP Scan | Water-Total Result Units |
|-------------------------|--------------------------|--------------------------|--------------------------|
| Carbon Tetrachloride | 0.20U ug/l | | |
| Acetone | 10.00U ug/l | 1,3,5-Trimethylbenzene | 0.20U ug/l |
| Chloroform | 0.20U ug/l | Bromobenzene | 0.20U ug/l |
| Benzene | 1.00U ug/l | Toluene | 0.20U ug/l |
| 1,1,1-Trichloroethane | 1.00U ug/l | Chlorobenzene | 1.00U ug/l |
| Bromomethane | 5.00U ug/l | 1,2,4-Trichlorobenzene | 0.20U ug/l |
| Chloromethane | 1.00U ug/l | Dibromochloromethane | 0.20U ug/l |
| Dibromomethane | 0.20U ug/l | Tetrachloroethene | 0.69 * ug/l |
| Bromochloromethane | 1.00U ug/l | Sec-Butylbenzene | 0.20U ug/l |
| Chloroethane | 1.00U ug/l | 1,3-Dichloropropane | 0.20U ug/l |
| Vinyl Chloride | 1.00U ug/l | Cis-1,2-Dichloroethene | 1.0 * ug/l |
| Methylene Chloride | 10.00U ug/l | trans-1,2-Dichloroethene | 0.20U ug/l |
| Carbon Disulfide | 2.00U ug/l | 1,3-Dichlorobenzene | 0.20U ug/l |
| Bromoform | 1.00U ug/l | 1,1-Dichloropropene | 0.20U ug/l |
| Bromodichloromethane | 0.20U ug/l | 2-Hexanone | 1.00U ug/l |
| 1,1-Dichloroethane | 0.20U ug/l | 2,2-Dichloropropane | 1.00U ug/l |
| 1,1-Dichloroethene | 1.00U ug/l | Ethane, 1,1,1,2-Tetrac | 0.20U ug/l |
| Trichlorofluoromethane | 1.00U ug/l | Total Xylenes | 0.60U ug/l |
| Methane, Dichlorodiflu | 1.00U ug/l | m p-XYLENE | 0.40U ug/l |
| 1,2-Dichloropropane | 0.20U ug/l | cis-1,3-Dichloropropene | 0.11U ug/l |
| 2-Butanone | 1.00U ug/l | trans-1,3-Dichloroprop | 0.094U ug/l |
| 1,1,2-Trichloroethane | 0.20U ug/l | P-BROMOFLUOROBENZENE | 98 † Recov |
| Ethene, trichloro- | 0.20U ug/l | FLUOROBENZENE | 101 † Recov |
| ETHANE, 1,1,2,2-TETRAC | 0.20U ug/l | TOLUENE-D8 | 103 † Recov |
| 1,2,3-Trichlorobenzene | 0.20U ug/l | 1,2-DICHLOROETHANE-D4 | 101 † Recov |
| Hexachlorobutadiene | 0.20U ug/l | 1,2-DICHLOROETHANE-D4 | 102 † Recov |
| Naphthalene | 0.20U ug/l | | |
| o-XYLENE | 0.20U ug/l | | |
| 2-Chlorotoluene | 0.20U ug/l | | |
| 1,2-Dichlorobenzene | 0.20U ug/l | | |
| 1,2,4-Trimethylbenzene | 0.20U ug/l | | |
| 1,2-Dibromo-3-chloropr | 1.00U ug/l | | |
| 1,2,3-Trichloropropane | 1.00U ug/l | | |
| tert-Butylbenzene | 0.20U ug/l | | |
| isopropylbenzene (Cume | 1.00U ug/l | | |
| p-Isopropyltoluene | 0.20U ug/l | | |
| Ethylbenzene | 0.20U ug/l | | |
| BENZENE, ETHENYL-(STYR | 0.20U ug/l | | |
| BENZENE, PROPYL- | 0.20U ug/l | | |
| Butylbenzene | 0.20U ug/l | | |
| 4-Chlorotoluene | 0.20U ug/l | | |
| 1,4-Dichlorobenzene | 0.20U ug/l | | |
| 1,2-Dibromoethane (EDB) | 0.20U ug/l | | |
| 1,2-Dichloroethane | 0.20U ug/l | | |
| 4-Methyl-2-Pentanone(M | 1.00U ug/l | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM

Account: D3P11

Laboratory: Ecology, Manchester

Sample No: 94 168088

Description: MW-21

Source: Well (Test/Observation)

Begin Date: 94/04/19

| VOA - PP Scan | Water-Total Result | Units | VOA - PP Scan *** Continued *** | Water-Total Result | Units |
|--------------------------|-----------------------|-------|------------------------------------|-----------------------|---------|
| Carbon Tetrachloride | 0.200 | ug/l | 1,3,5-Trimethylbenzene | 0.200 | ug/l |
| Acetone | 10.00 | ug/l | Bromobenzene | 0.200 | ug/l |
| Chloroform | 0.200 | ug/l | Toluene | 0.200 | ug/l |
| Benzene | 1.00 | ug/l | Chlorobenzene | 1.00 | ug/l |
| 1,1,1-Trichloroethane | 5.00 | ug/l | 1,2,4-Trichlorobenzene | 0.200 | ug/l |
| Bromomethane | 1.00 | ug/l | Dibromochloromethane | 0.200 | ug/l |
| Chloromethane | 0.200 | ug/l | Tetrachloroethene | 1.5 * | ug/l |
| Dibromomethane | 1.00 | ug/l | Sec-Butylbenzene | 0.200 | ug/l |
| Bromochloromethane | 1.00 | ug/l | 1,3-Dichloropropane | 0.200 | ug/l |
| Chloroethane | 1.00 | ug/l | Cis-1,2-Dichloroethene | 0.29 * | ug/l |
| Vinyl Chloride | 10.00 | ug/l | trans-1,2-Dichloroethene | 0.200 | ug/l |
| Methylene Chloride | 10.00 | ug/l | 1,3-Dichlorobenzene | 0.200 | ug/l |
| Carbon Disulfide | 2.00 | ug/l | 1,1-Dichloropropane | 0.200 | ug/l |
| Bromoform | 1.00 | ug/l | 2-Hexanone | 1.00 | ug/l |
| Bromodichloromethane | 0.200 | ug/l | 2,2-Dichloropropane | 1.00 | ug/l |
| 1,1-Dichloroethane | 0.200 | ug/l | Ethane, 1,1,1,2-Tetrac+ | 0.200 | ug/l |
| 1,1-Dichloroethene | 1.00 | ug/l | Total Xylenes | 0.600 | ug/l |
| Trichlorofluoromethane | 1.00 | ug/l | m p-XYLENE | 0.400 | ug/l |
| Methane, Dichlorodiflu+ | 1.00 | ug/l | cis-1,3-Dichloropropene | 0.110 | ug/l |
| 1,2-Dichloropropane | 0.200 | ug/l | trans-1,3-Dichloroprop+ | 0.0940 | ug/l |
| 2-Butanone | 1.00 | ug/l | P-BROMOFLUOROBENZENE | 96 | % Recov |
| 1,1,2-Trichloroethane | 0.200 | ug/l | FLUOROBENZENE | 101 | % Recov |
| Ethene, trichloro- | 0.17J* | ug/l | TOLUENE-D8 | 102 | % Recov |
| ETHANE, 1,1,2,2-TETRAC+ | 0.200 | ug/l | 1,2-DICHLOROBENZENE-D4 | 101 | % Recov |
| 1,2,3-Trichlorobenzene | 0.200 | ug/l | 1,2-DICHLOROETHANE-D4 | 101 | % Recov |
| Hexachlorobutadiene | 0.200 | ug/l | | | |
| Naphthalene | 0.200 | ug/l | | | |
| o-XYLENE | 0.200 | ug/l | | | |
| 2-Chlorotoluene | 0.200 | ug/l | | | |
| 1,2-Dichlorobenzene | 0.200 | ug/l | | | |
| 1,2,4-Trimethylbenzene | 0.200 | ug/l | | | |
| 1,2-Dibromo-3-chloropr+ | 1.00 | ug/l | | | |
| 1,2,3-Trichloropropane | 1.00 | ug/l | | | |
| Tert-Butylbenzene | 0.200 | ug/l | | | |
| Isopropylbenzene (Cume+ | 1.00 | ug/l | | | |
| p-Isopropyltoluene | 0.200 | ug/l | | | |
| Ethylbenzene | 0.200 | ug/l | | | |
| BENZENE, ETHENYL- (STYR+ | 0.200 | ug/l | | | |
| BENZENE, PROPYL- | 0.200 | ug/l | | | |
| Butylbenzene | 0.200 | ug/l | | | |
| 4-Chlorotoluene | 0.200 | ug/l | | | |
| 1,4-Dichlorobenzene | 0.200 | ug/l | | | |
| 1,2-Dibromoethane (EDB) | 0.200 | ug/l | | | |
| 1,2-Dichloroethane | 0.200 | ug/l | | | |
| 4-Methyl-2-Pentanone (M+ | 1.00 | ug/l | | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS
Laboratory: Ecology, Manchester

Officer: P2M Account: D3P11

Sample No: 94 168089 Description: MW-13B

Source: Well (Test/Observation)

Begin Date: 94/04/19

| VOA - PP Scan | Water-Total Result | Units | VOA - PP Scan | Water-Total Result | Units |
|-------------------------|--------------------|-------|--------------------------|--------------------|-------|
| Carbon Tetrachloride | 0.200 | ug/l | 1,3,5-Trimethylbenzene | 0.200 | ug/l |
| Acetone | 10.00 | ug/l | Bromobenzene | 0.200 | ug/l |
| Chloroform | 0.200 | ug/l | Toluene | 0.200 | ug/l |
| Benzene | 1.00 | ug/l | Chlorobenzene | 1.00 | ug/l |
| 1,1,1-Trichloroethane | 5.00 | ug/l | 1,2,4-Trichlorobenzene | 0.200 | ug/l |
| Bromomethane | 1.00 | ug/l | Dibromochloromethane | 0.200 | ug/l |
| Chloromethane | 0.200 | ug/l | Tetrachloroethene | 0.200 | ug/l |
| Dibromomethane | 1.00 | ug/l | Sec-Butylbenzene | 0.200 | ug/l |
| Bromochloromethane | 1.00 | ug/l | 1,3-Dichloropropane | 0.200 | ug/l |
| Chloroethane | 1.00 | ug/l | Cis-1,2-Dichloroethene | 0.200 | ug/l |
| Vinyl Chloride | 10.00 | ug/l | trans-1,2-Dichloroethene | 0.200 | ug/l |
| Methylene Chloride | 2.00 | ug/l | 1,3-Dichlorobenzene | 0.200 | ug/l |
| Carbon Disulfide | 1.00 | ug/l | 1,1-Dichloropropene | 0.200 | ug/l |
| Bromoform | 0.200 | ug/l | 2-Hexanone | 1.00 | ug/l |
| Bromodichloromethane | 0.200 | ug/l | 2,2-Dichloropropane | 1.00 | ug/l |
| 1,1-Dichloroethane | 1.00 | ug/l | Ethane, 1,1,1,2-Tetrac | 0.200 | ug/l |
| 1,1-Dichloroethene | 1.00 | ug/l | Total Xylenes | 0.600 | ug/l |
| Trichlorofluoromethane | 1.00 | ug/l | m p-XYLENE | 0.400 | ug/l |
| Methane, Dichlorodiflu | 1.00 | ug/l | cis-1,3-Dichloropropene | 0.110 | ug/l |
| 1,2-Dichloropropane | 0.200 | ug/l | trans-1,3-Dichloroprop | 0.0940 | ug/l |
| 2-Butanone | 1.00 | ug/l | p-BROMOFLUOROBENZENE | 95 | Recov |
| 1,1,2-Trichloroethane | 0.200 | ug/l | FLUOROBENZENE | 102 | Recov |
| Ethene, trichloro- | 0.98 | * | TOLUENE-D8 | 101 | Recov |
| ETHANE, 1,1,2,2-TETRAC | 0.200 | ug/l | 1,2-DICHLOROBENZENE-D4 | 102 | Recov |
| 1,2,3-Trichlorobenzene | 0.200 | ug/l | 1,2-DICHLOROETHANE-D4 | 101 | Recov |
| Hexachlorobutadiene | 0.200 | ug/l | | | |
| Naphthalene | 0.200 | ug/l | | | |
| o-XYLENE | 0.200 | ug/l | | | |
| 2-Chlorotoluene | 0.200 | ug/l | | | |
| 1,2-Dichlorobenzene | 0.200 | ug/l | | | |
| 1,2,4-Trimethylbenzene | 0.200 | ug/l | | | |
| 1,2-Dibromo-3-chloropr | 1.00 | ug/l | | | |
| 1,2,3-Trichloropropane | 1.00 | ug/l | | | |
| Tert-Butylbenzene | 0.200 | ug/l | | | |
| Isopropylbenzene (Cume | 1.00 | ug/l | | | |
| p-Isopropyltoluene | 0.200 | ug/l | | | |
| Ethylbenzene | 0.200 | ug/l | | | |
| BENZENE, ETHENYL-(STYR | 0.200 | ug/l | | | |
| BENZENE, PROPYL- | 0.200 | ug/l | | | |
| Butylbenzene | 0.200 | ug/l | | | |
| 4-Chlorotoluene | 0.200 | ug/l | | | |
| 1,4-Dichlorobenzene | 0.200 | ug/l | | | |
| 1,2-Dibromoethane (EDB) | 0.200 | ug/l | | | |
| 1,2-Dichloroethane | 0.200 | ug/l | | | |
| 4-Methyl-2-Pentanone(M | 1.00 | ug/l | | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM

Account: D3P11

Laboratory: Ecology, Manchester

Sample No: 94 168090

Description: MW-20B

Source: Well (Test/Observation)

Begin Date: 94/04/19

| VOA - PP Scan | Water-Total Result | Units | VOA - PP Scan | Water-Total Result | Units | VOA - PP Scan | Water-Total Result | Units |
|--------------------------|--------------------|-------|-------------------------|--------------------|---------|--------------------------|--------------------|---------|
| Carbon Tetrachloride | 10.00 | ug/l | 1,3,5-Trimethylbenzene | 10.00 | ug/l | Bromodichloromethane | 90.82 | % Recov |
| Acetone | 50.00 | ug/l | Bromobenzene | 10.00 | ug/l | 1,1-Dichloroethane | 94.55 | % Recov |
| Chloroform | 10.00 | ug/l | Toluene | 10.00 | ug/l | 1,1-Dichloroethane | 101.79 | % Recov |
| Benzene | 50.00 | ug/l | Chlorobenzene | 50.00 | ug/l | Trichlorofluoromethane | 81.09 | % Recov |
| 1,1,1-Trichloroethane | 25.00 | ug/l | 1,2,4-Trichlorobenzene | 10.00 | ug/l | Methane, Dichlorodiflu+ | 86.85 | % Recov |
| Bromomethane | 50.00 | ug/l | Dibromochloromethane | 10.00 | ug/l | 1,2-Dichloropropane | 97.51 | % Recov |
| Chloromethane | 10.00 | ug/l | Tetrachloroethene | 472 * | ug/l | 2-Butanone | 80.87 | % Recov |
| Bromochloromethane | 50.00 | ug/l | Sec-Butylbenzene | 10.00 | ug/l | 1,1,2-Trichloroethane | 96.98 | % Recov |
| Bromochloromethane | 50.00 | ug/l | 1,3-Dichloropropane | 10.00 | ug/l | Ethene, trichloro- | 98.58 | % Recov |
| Chloroethane | 50.00 | ug/l | Cis-1,2-Dichloroethene | 12.6 * | ug/l | ETHANE, 1,1,2,2-TETRAC+ | 92.50 | % Recov |
| Vinyl Chloride | 50.00 | ug/l | trans-1,2-Dichloroethe+ | 10.00 | ug/l | 1,2,3-Trichlorobenzene | 93.28 | % Recov |
| Methylene Chloride | 100.00 | ug/l | 1,3-Dichlorobenzene | 10.00 | ug/l | Hexachlorobutadiene | 83.22 | % Recov |
| Carbon Disulfide | 50.00 | ug/l | 1,1-Dichloropropene | 10.00 | ug/l | Naphthalene | 93.43 | % Recov |
| Bromoform | 10.00 | ug/l | 2-Hexanone | 50.00 | ug/l | o-XYLENE | 93.48 | % Recov |
| Bromodichloromethane | 10.00 | ug/l | 2,2-Dichloropropane | 50.00 | ug/l | 2-Chlorotoluene | 93.83 | % Recov |
| 1,1-Dichloroethane | 10.00 | ug/l | Ethane, 1,1,1,2-Tetrac+ | 10.00 | ug/l | 1,2-Dichlorobenzene | 97.81 | % Recov |
| 1,1-Dichloroethane | 50.00 | ug/l | Total Xylenes | 30.00 | ug/l | 1,2,4-Trimethylbenzene | 94.76 | % Recov |
| Trichlorofluoromethane | 50.00 | ug/l | m p-XYLENE | 20.00 | ug/l | 1,2-Dibromo-3-chloropr+ | 80.61 | % Recov |
| Methane, Dichlorodiflu+ | 10.00 | ug/l | cis-1,3-Dichloropropene | 5.30 | ug/l | 1,2,3-Trichloropropane | 102.02 | % Recov |
| 1,2-Dichloropropane | 10.00 | ug/l | trans-1,3-Dichloroprop+ | 4.70 | ug/l | Tert-Butylbenzene | 90.82 | % Recov |
| 2-Butanone | 10.00 | ug/l | p-BROMOFLUOROENZENE | 96 | % Recov | Isopropylbenzene (Cume+ | 98.10 | % Recov |
| 1,1,2-Trichloroethane | 10.00 | ug/l | FLUOROENZENE | 101 | % Recov | p-Isopropyltoluene | 90.82 | % Recov |
| Ethene, trichloro- | 8.63* | ug/l | TOLUENE-D8 | 102 | % Recov | Ethylbenzene | 93.56 | % Recov |
| ETHANE, 1,1,2,2-TETRAC+ | 10.00 | ug/l | 1,2-DICHLOROENZENE-D4 | 101 | % Recov | BENZENE, ETHENYL-(STYR+ | 88.20 | % Recov |
| 1,2,3-Trichlorobenzene | 10.00 | ug/l | 1,2-DICHLOROETHANE-D4 | 100 | % Recov | BENZENE, PROPYL- | 96.81 | % Recov |
| Hexachlorobutadiene | 10.00 | ug/l | | | | Butylbenzene | 90.23 | % Recov |
| Naphthalene | 10.00 | ug/l | | | | 4-Chlorotoluene | 93.83 | % Recov |
| o-XYLENE | 10.00 | ug/l | | | | 1,4-Dichlorobenzene | 96.60 | % Recov |
| 2-Chlorotoluene | 10.00 | ug/l | | | | 1,2-Dibromoethane (EDB) | 94.14 | % Recov |
| 1,2-Dichlorobenzene | 10.00 | ug/l | | | | 1,2-Dichloroethane | 94.97 | % Recov |
| 1,2,4-Trimethylbenzene | 10.00 | ug/l | | | | 4-Methyl-2-Pentanone (M+ | 96.95 | % Recov |
| 1,2-Dibromo-3-chloropr+ | 50.00 | ug/l | | | | 1,3,5-Trimethylbenzene | 94.14 | % Recov |
| 1,2,3-Trichloropropane | 50.00 | ug/l | | | | Bromobenzene | 95.43 | % Recov |
| Tert-Butylbenzene | 10.00 | ug/l | | | | Toluene | 94.39 | % Recov |
| Isopropylbenzene (Cume+ | 50.00 | ug/l | | | | Chlorobenzene | 98.00 | % Recov |
| p-Isopropyltoluene | 10.00 | ug/l | | | | 1,2,4-Trichlorobenzene | 90.42 | % Recov |
| Ethylbenzene | 10.00 | ug/l | | | | Dibromochloromethane | 87.70 | % Recov |
| BENZENE, ETHENYL-(STYR+ | 10.00 | ug/l | | | | Tetrachloroethene | 288.62 | % Recov |
| BENZENE, PROPYL- | 10.00 | ug/l | | | | Sec-Butylbenzene | 94.50 | % Recov |
| Butylbenzene | 10.00 | ug/l | | | | 1,3-Dichloropropane | 94.12 | % Recov |
| 4-Chlorotoluene | 10.00 | ug/l | | | | Cis-1,2-Dichloroethene | 104.99 | % Recov |
| 1,4-Dichlorobenzene | 10.00 | ug/l | | | | trans-1,2-Dichloroethe+ | 89.37 | % Recov |
| 1,2-Dibromoethane (EDB) | 10.00 | ug/l | | | | p-BROMOFLUOROENZENE | 97.25 | % Recov |
| 1,2-Dichloroethane | 10.00 | ug/l | | | | FLUROBENZENE | 101.00 | % Recov |
| 4-Methyl-2-Pentanone (M+ | 50.00 | ug/l | | | | | | |

(Continued on next page)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM Account: D3P11

Laboratory: Ecology, Manchester

Source: Well (Test/Observation)

Description: MW-20B

Begin Date: 94/04/19

| VOA - PP Scan *** Continued *** | | Water-Total Result Units | | VOA - PP Scan *** Continued *** | | Water-Total Result Units | |
|------------------------------------|--------|-----------------------------|--------------------------|------------------------------------|---------|-----------------------------|--------|
| Matrix Spike #1 | Result | Units | Matrix Spike #2 | Result | Units | Matrix Spike #2 | Result |
| 1,3-Dichlorobenzene | 97.08 | % Recov | 0-XYLENE | 93.01 | % Recov | 0-XYLENE | 93.01 |
| 1,1-Dichloropropene | 95.09 | % Recov | 2-Chlorotoluene | 91.91 | % Recov | 2-Chlorotoluene | 91.91 |
| 3 Hexanone | 72.53 | % Recov | 1,2-Dichlorobenzene | 94.48 | % Recov | 1,2-Dichlorobenzene | 94.48 |
| 2,2-Dichloropropene | 75.69 | % Recov | 1,2,4-Trimethylbenzene | 90.87 | % Recov | 1,2,4-Trimethylbenzene | 90.87 |
| Ethane, 1,1,1,2-Tetrac+ | 88.27 | % Recov | 1,2-Dibromo-3-chloropr+ | 85.05 | % Recov | 1,2-Dibromo-3-chloropr+ | 85.05 |
| Total Xylenes | 30.70 | % Recov | 1,2,3-Trichloropropane | 96.35 | % Recov | 1,2,3-Trichloropropane | 96.35 |
| TOLUENE-D8 | 102.52 | % Recov | Tert-Butylbenzene | 90.95 | % Recov | Tert-Butylbenzene | 90.95 |
| 1,2-DICHLOROBENZENE-D4 | 100.99 | % Recov | Isopropylbenzene (Cume+ | 96.64 | % Recov | Isopropylbenzene (Cume+ | 96.64 |
| cis-1,3-Dichloropropene | 175.34 | % Recov | p-Isopropyltoluene | 90.95 | % Recov | p-Isopropyltoluene | 90.95 |
| trans-1,3-Dichloroprop+ | 175.33 | % Recov | Ethylbenzene | 95.41 | % Recov | Ethylbenzene | 95.41 |
| 1,2-DICHLOROETHANE-D4 | 98.52 | % Recov | BENZENE, ETHENYL-(STYR+ | 89.71 | % Recov | BENZENE, ETHENYL-(STYR+ | 89.71 |
| m p-XYLENE | 45.71 | % Recov | BENZENE, PROPYL- | 95.20 | % Recov | BENZENE, PROPYL- | 95.20 |
| | | | Butylbenzene | 90.72 | % Recov | Butylbenzene | 90.72 |
| | | | 4-Chlorotoluene | 93.70 | % Recov | 4-Chlorotoluene | 93.70 |
| | | | 1,4-Dichlorobenzene | 93.51 | % Recov | 1,4-Dichlorobenzene | 93.51 |
| | | | 1,2-Dibromoethane (EDB) | 96.36 | % Recov | 1,2-Dibromoethane (EDB) | 96.36 |
| | | | 1,2-Dichloroethane | 94.98 | % Recov | 1,2-Dichloroethane | 94.98 |
| | | | 4-Methyl-2-pentanone (M+ | 94.93 | % Recov | 4-Methyl-2-pentanone (M+ | 94.93 |
| | | | 1,3,5-Trimethylbenzene | 91.46 | % Recov | 1,3,5-Trimethylbenzene | 91.46 |
| | | | Bromobenzene | 94.01 | % Recov | Bromobenzene | 94.01 |
| | | | Toluene | 95.88 | % Recov | Toluene | 95.88 |
| | | | Chlorobenzene | 96.60 | % Recov | Chlorobenzene | 96.60 |
| | | | 1,2,4-Trichlorobenzene | 90.36 | % Recov | 1,2,4-Trichlorobenzene | 90.36 |
| | | | Dibromochloromethane | 84.37 | % Recov | Dibromochloromethane | 84.37 |
| | | | Tetrachloroethene | 285.46 | % Recov | Tetrachloroethene | 285.46 |
| | | | Sec-Butylbenzene | 91.72 | % Recov | Sec-Butylbenzene | 91.72 |
| | | | 1,3-Dichloropropene | 94.06 | % Recov | 1,3-Dichloropropene | 94.06 |
| | | | Cis-1,2-Dichloroethene | 99.99 | % Recov | Cis-1,2-Dichloroethene | 99.99 |
| | | | trans-1,2-Dichloroethe+ | 84.11 | % Recov | trans-1,2-Dichloroethe+ | 84.11 |
| | | | p-BROMOFLUOROBENZENE | 97.15 | % Recov | p-BROMOFLUOROBENZENE | 97.15 |
| | | | FLUOROBENZENE | 101.07 | % Recov | FLUOROBENZENE | 101.07 |
| | | | 1,3-Dichlorobenzene | 94.48 | % Recov | 1,3-Dichlorobenzene | 94.48 |
| | | | 1,1-Dichloropropene | 96.58 | % Recov | 1,1-Dichloropropene | 96.58 |
| | | | 2-Hexanone | 81.07 | % Recov | 2-Hexanone | 81.07 |
| | | | 2,2-Dichloropropene | 80.28 | % Recov | 2,2-Dichloropropene | 80.28 |
| | | | Ethane, 1,1,1,2-Tetrac+ | 90.12 | % Recov | Ethane, 1,1,1,2-Tetrac+ | 90.12 |
| | | | Total Xylenes | 30.98 | % Recov | Total Xylenes | 30.98 |
| | | | TOLUENE-D8 | 101.96 | % Recov | TOLUENE-D8 | 101.96 |
| | | | 1,2-DICHLOROBENZENE-D4 | 100.14 | % Recov | 1,2-DICHLOROBENZENE-D4 | 100.14 |
| | | | cis-1,3-Dichloropropene | 168.14 | % Recov | cis-1,3-Dichloropropene | 168.14 |
| | | | trans-1,3-Dichloroprop+ | 188.56 | % Recov | trans-1,3-Dichloroprop+ | 188.56 |
| | | | 1,2-DICHLOROETHANE-D4 | 98.53 | % Recov | 1,2-DICHLOROETHANE-D4 | 98.53 |
| | | | m p-XYLENE | 46.45 | % Recov | m p-XYLENE | 46.45 |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM

Account: D3P11

Laboratory: Ecology, Manchester

Sample No: 94 168091

Description: MW-20A**

Source: Well (Test/Observation)

Begin Date: 94/04/19

| VOA - PP Scan | Water-Total Result Units | VOA - PP Scan *** Continued *** | Water-Total Result Units |
|--------------------------|-----------------------------|------------------------------------|-----------------------------|
| Carbon Tetrachloride | 0.20 ug/l | 1,3,5-Trimethylbenzene | 0.200 ug/l |
| Acetone | 10.00 ug/l | Bromobenzene | 0.200 ug/l |
| Chloroform | 0.200 ug/l | Toluene | 0.200 ug/l |
| Benzene | 1.00 ug/l | Chlorobenzene | 1.00 ug/l |
| 1,1,1-Trichloroethane | 1.00 ug/l | 1,2,4-Trichlorobenzene | 0.200 ug/l |
| Bromomethane | 5.00 ug/l | Dibromochloromethane | 0.200 ug/l |
| Chloromethane | 1.00 ug/l | Tetrachloroethene | 0.31 * ug/l |
| Dibromomethane | 0.200 ug/l | Sec-Butylbenzene | 0.200 ug/l |
| Bromochloromethane | 1.00 ug/l | 1,3-Dichloropropane | 0.200 ug/l |
| Chloroethane | 1.00 ug/l | Cis-1,2-Dichloroethene | 0.200 ug/l |
| Vinyl Chloride | 1.00 ug/l | trans-1,2-Dichloroethene | 0.200 ug/l |
| Methylene Chloride | 10.00 ug/l | 1,3-Dichlorobenzene | 0.200 ug/l |
| Carbon Disulfide | 2.00 ug/l | 1,1-Dichloropropene | 0.200 ug/l |
| Bromoform | 1.00 ug/l | 2-Hexanone | 1.00 ug/l |
| Bromedichloromethane | 0.200 ug/l | 2,2-Dichloropropane | 1.00 ug/l |
| 1,1-Dichloroethane | 0.200 ug/l | Ethane, 1,1,1,2-Tetrac+ | 0.200 ug/l |
| 1,1-Dichloroethene | 1.00 ug/l | Total Xylenes | 0.600 ug/l |
| Trichlorofluoromethane | 1.00 ug/l | m p-XYLENE | 0.400 ug/l |
| Methane, Dichlorodiflu+ | 1.00 ug/l | cis-1,3-Dichloropropene | 0.110 ug/l |
| 1,2-Dichloropropane | 0.200 ug/l | trans-1,3-Dichloroprop+ | 0.0940 ug/l |
| 2-Butanone | 1.00 ug/l | p-BROMOFLUOROBENZENE | 97 % Recov |
| 1,1,2-Trichloroethane | 0.200 ug/l | FLUOROBENZENE | 100 % Recov |
| Ethene, trichloro- | 0.200 ug/l | TOLUENE-D8 | 101 % Recov |
| ETHANE, 1,1,2,2-TETRAC+ | 0.200 ug/l | 1,2-DICHLOROBENZENE-D4 | 99 % Recov |
| 1,2,3-Trichlorobenzene | 0.200 ug/l | 1,2-DICHLOROETHANE-D4 | 100 % Recov |
| Hexachlorobutadiene | 0.200 ug/l | | |
| Naphthalene | 0.200 ug/l | | |
| o-XYLENE | 0.200 ug/l | | |
| 2-Chlorotoluene | 0.200 ug/l | | |
| 1,2-Dichlorobenzene | 0.200 ug/l | | |
| 1,2,4-Trimethylbenzene | 0.200 ug/l | | |
| 1,2-Dibromo-3-chloropr+ | 1.00 ug/l | | |
| 1,2,3-Trichloropropane | 1.00 ug/l | | |
| Tert-Butylbenzene | 0.200 ug/l | | |
| Isopropylbenzene (Cume+ | 1.00 ug/l | | |
| p-Isopropyltoluene | 0.200 ug/l | | |
| Ethylbenzene | 0.200 ug/l | | |
| BENZENE, ETHENYL-(STYR+ | 0.200 ug/l | | |
| BENZENE, PROPYL- | 0.200 ug/l | | |
| Butylbenzene | 0.200 ug/l | | |
| 4-Chlorotoluene | 0.200 ug/l | | |
| 1,4-Dichlorobenzene | 0.200 ug/l | | |
| 1,2-Dibromoethane (EDB) | 0.200 ug/l | | |
| 1,2-Dichloroethane | 0.200 ug/l | | |
| 4 Methyl-2-Pentanone (M+ | 1.00 ug/l | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM

Account: D3P11

Laboratory: Ecology, Manchester

Sample No: 94 168092 Description: MW-16A

Source: Well (Test/Observation)

Begin Date: 94/04/20

| VOA - PP Scan | Water-Total Result Units | VOA - PP Scan *** Continued *** | Water-Total Result Units |
|--------------------------|-----------------------------|------------------------------------|-----------------------------|
| Carbon Tetrachloride | 0.20U ug/l | | 0.20U ug/l |
| Acetone | 10.0U ug/l | 1,3,5-Trimethylbenzene | 0.20U ug/l |
| Chloroform | 0.20U ug/l | Bromobenzene | 0.20U ug/l |
| Benzene | 1.0U ug/l | Toluene | 1.0U ug/l |
| 1,1,1-Trichloroethane | 1.0U ug/l | Chlorobenzene | 0.20U ug/l |
| Bromomethane | 5.0U ug/l | 1,2,4-Trichlorobenzene | 0.20U ug/l |
| Chloromethane | 1.0U ug/l | Dibromochloromethane | 0.20U ug/l |
| Dibromomethane | 0.20U ug/l | Tetrachloroethene | 32.8 * ug/l |
| Bromochloromethane | 1.0U ug/l | Sec-Butylbenzene | 0.20U ug/l |
| Chloroethane | 1.0U ug/l | 1,3-Dichloropropane | 0.20U ug/l |
| Vinyl Chloride | 1.0U ug/l | Cis-1,2-Dichloroethene | 1.4 * ug/l |
| Methylene Chloride | 10.0U ug/l | trans-1,2-Dichloroethene | 0.20U ug/l |
| Carbon Disulfide | 2.0U ug/l | 1,3-Dichlorobenzene | 0.20U ug/l |
| Bromoform | 1.0U ug/l | 1,1-Dichloropropene | 0.20U ug/l |
| Bromodichloromethane | 0.20U ug/l | 2-Hexanone | 1.0U ug/l |
| 1,1-Dichloroethane | 0.20U ug/l | 2,2-Dichloropropane | 1.0U ug/l |
| 1,1-Dichloroethene | 1.0U ug/l | Ethane, 1,1,1,2-Tetrac- | 0.20U ug/l |
| Trichlorofluoromethane | 1.0U ug/l | Total XYLENES | 0.60U ug/l |
| Methane, Dichlorodiflu+ | 1.0U ug/l | m p-XYLENE | 0.40U ug/l |
| 1,2-Dichloropropane | 0.20U ug/l | cis-1,3-Dichloropropene | 0.11U ug/l |
| 2-Butanone | 1.0U ug/l | trans-1,3-Dichloroprop+ | 0.094U ug/l |
| 1,1,2-Trichloroethane | 0.20U ug/l | P-BROMOFLUOROBENZENE | 96 % Recov |
| Ethene, trichloro- | 0.56 * ug/l | FLUOROBENZENE | 103 % Recov |
| ETHANE, 1,1,2,2-TETRAC+ | 0.20U ug/l | TOLUENE-D8 | 102 % Recov |
| 1,2,3-Trichlorobenzene | 0.20U ug/l | 1,2-DICHLOROBENZENE-D4 | 101 % Recov |
| Hexachlorobutadiene | 0.20U ug/l | 1,2-DICHLOROETHANE-D4 | 102 % Recov |
| Naphthalene | 0.20U ug/l | | |
| o-XYLENE | 0.20U ug/l | | |
| 2-Chlorotoluene | 0.20U ug/l | | |
| 1,2-Dichlorobenzene | 0.20U ug/l | | |
| 1,2,4-Trimethylbenzene | 0.20U ug/l | | |
| 1,2-Dibromo-3-chloropr+ | 1.0U ug/l | | |
| 1,2,3-Trichloropropane | 1.0U ug/l | | |
| Tert-Butylbenzene | 0.20U ug/l | | |
| Isopropylbenzene (Cume+ | 1.0U ug/l | | |
| P-Isopropyltoluene | 0.20U ug/l | | |
| Ethylbenzene | 0.20U ug/l | | |
| BENZENE, ETHENYL-(STYR+ | 0.20U ug/l | | |
| BENZENE, PROPYL- | 0.20U ug/l | | |
| BUTYLBENZENE | 0.20U ug/l | | |
| 4-Chlorotoluene | 0.20U ug/l | | |
| 1,4-Dichlorobenzene | 0.20U ug/l | | |
| 1,2-Dibromoethane (EDB) | 0.20U ug/l | | |
| 1,2-Dichloroethane | 0.20U ug/l | | |
| 4 Methyl-2-Pentanone (M+ | 1.0U ug/l | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM

Account: D3P11

Laboratory: Ecology, Manchester

Sample No: 94 168093

Description: MW-16B

Source: Well (Test/Observation)

Begin Date: 94/04/20

| VOA - PP Scan | Water-Total Result Units | VOA - PP Scan *** Continued *** | Water-Total Result Units |
|-------------------------|-----------------------------|------------------------------------|-----------------------------|
| Carbon Tetrachloride | 0.20U ug/l | | 0.20U ug/l |
| Acetone | 10.0U ug/l | 1,3,5-Trimethylbenzene | 0.20U ug/l |
| Chloroform | 0.20U ug/l | Bromobenzene | 0.20U ug/l |
| Benzene | 1.0U ug/l | Toluene | 0.20U ug/l |
| 1,1,1-Trichloroethane | 1.0U ug/l | Chlorobenzene | 1.0U ug/l |
| Bromomethane | 5.0U ug/l | 1,2,4-Trichlorobenzene | 0.20U ug/l |
| Chloromethane | 1.0U ug/l | Dibromochloromethane | 0.20U ug/l |
| Dibromomethane | 0.20U ug/l | Tetrachloroethene | 33.2 * ug/l |
| Bromochloromethane | 1.0U ug/l | Sec-Butylpropane | 0.20U ug/l |
| Chloroethane | 1.0U ug/l | 1,3-Dichloropropane | 0.20U ug/l |
| Vinyl Chloride | 1.0U ug/l | Cis-1,2-Dichloroethene | 1.6 * ug/l |
| Methylene Chloride | 10.0U ug/l | trans-1,2-Dichloroethene | 0.20U ug/l |
| Carbon Disulfide | 2.0U ug/l | 1,3-Dichlorobenzene | 0.20U ug/l |
| Bromoform | 1.0U ug/l | 1,1-Dichloropropene | 0.20U ug/l |
| Bromodichloromethane | 0.20U ug/l | 2-Hexanone | 1.0U ug/l |
| 1,1-Dichloroethane | 0.20U ug/l | 2,2-Dichloropropane | 1.0U ug/l |
| 1,1-Dichloroethene | 1.0U ug/l | Ethane, 1,1,1,2-Tetrac+ | 0.20U ug/l |
| Trichlorofluoromethane | 1.0U ug/l | Total XYLENES | 0.60U ug/l |
| Methane, Dichlorodiflu+ | 1.0U ug/l | m p-XYLENE | 0.40U ug/l |
| 1,2-Dichloropropane | 0.20U ug/l | cis-1,3-Dichloropropene | 0.11U ug/l |
| 2-Butanone | 1.0U ug/l | trans-1,3-Dichloroprop+ | 0.094U ug/l |
| 1,1,2-Trichloroethane | 0.20U ug/l | P-BROMOFLUOROENZENE | 96 % Recov |
| Ethene, trichloro- | 0.62 * ug/l | FLUOROENZENE | 102 % Recov |
| ETHANE, 1,1,2,2-TETRAC+ | 0.20U ug/l | TOLUENE-D8 | 102 % Recov |
| 1,2,3-Trichlorobenzene | 0.20U ug/l | 1,2-DICHLOROENZENE-D4 | 101 % Recov |
| Hexachlorobutadiene | 0.20U ug/l | 1,2-DICHLOROETHANE-D4 | 101 % Recov |
| Naphthalene | 0.20U ug/l | | |
| O-XYLENE | 0.20U ug/l | | |
| 2-Chlorotoluene | 0.20U ug/l | | |
| 1,2-Dichlorobenzene | 0.20U ug/l | | |
| 1,2,4-Trimethylbenzene | 0.20U ug/l | | |
| 1,2-Dibromo-3-chloropr+ | 1.0U ug/l | | |
| 1,2,3-Trichloropropane | 1.0U ug/l | | |
| Tert-Butylbenzene | 0.20U ug/l | | |
| Isopropylbenzene (Cume+ | 1.0U ug/l | | |
| p-Isopropyltoluene | 0.20U ug/l | | |
| Ethylbenzene | 0.20U ug/l | | |
| BENZENE, ETHENYL-(STYR+ | 0.20U ug/l | | |
| BENZENE, PROPYL- | 0.20U ug/l | | |
| Butylbenzene | 0.20U ug/l | | |
| 4-Chlorotoluene | 0.20U ug/l | | |
| 1,4-Dichlorobenzene | 0.20U ug/l | | |
| 1,2-Dibromoethane (EDB) | 0.20U ug/l | | |
| 1,2-Dichloroethane | 0.20U ug/l | | |
| 4-Methyl-2-Pentanone(M+ | 1.0U ug/l | | |

(Sample Complete)

Project: DOE-083X LAKEWOOD PLAZA CLEANERS
Laboratory: Ecology, Manchester

Officer: PZM Account: D3P11

Source: Water (General)

Description: TRANSFER

Sample No: 94 168094

Begin Date: 94/04/20

| VOA - PP Scan | Water-Total Result Units | VOA - PP Scan *** Continued *** | Water-Total Result Units |
|--------------------------|--------------------------|---------------------------------|--------------------------|
| Carbon Tetrachloride | 0.200 ug/l | | |
| Acetone | 180 * ug/l | 1,3,5-Trimethylbenzene | 0.200 ug/l |
| Chloroform | 0.200 ug/l | Bromobenzene | 0.200 ug/l |
| Benzene | 1.00 ug/l | Toluene | 0.200 ug/l |
| 1,1,1-Trichloroethane | 1.00 ug/l | Chlorobenzene | 1.00 ug/l |
| Bromomethane | 5.00 ug/l | 1,2,4-Trichlorobenzene | 0.200 ug/l |
| Chloromethane | 1.00 ug/l | Dibromochloromethane | 0.200 ug/l |
| Dibromomethane | 0.200 ug/l | Tetrachloroethene | 0.200 ug/l |
| Bromochloromethane | 1.00 ug/l | sec-Butylbenzene | 0.200 ug/l |
| Chloroethane | 1.00 ug/l | 1,3-Dichloropropane | 0.200 ug/l |
| Vinyl Chloride | 1.00 ug/l | Cis-1,2-Dichloroethene | 0.200 ug/l |
| Methylene Chloride | 10.00 ug/l | trans-1,2-Dichloroethene | 0.200 ug/l |
| Carbon Disulfide | 2.00 ug/l | 1,3-Dichlorobenzene | 0.200 ug/l |
| Bromoform | 1.00 ug/l | 1,1-Dichloropropene | 0.200 ug/l |
| Bromodichloromethane | 0.200 ug/l | 2-Hexanone | 8.8 * ug/l |
| 1,1-Dichloroethane | 0.200 ug/l | 2,2-Dichloropropene | 1.00 ug/l |
| 1,1-Dichloroethene | 1.00 ug/l | Ethane, 1,1,1,2-Tetrac | 0.200 ug/l |
| Trichlorofluoromethane | 1.00 ug/l | Total Xylenes | 0.600 ug/l |
| Methane, Dichlorodiflu | 1.00 ug/l | m p-XYLENE | 0.400 ug/l |
| 1,2-Dichloropropene | 0.200 ug/l | cis-1,3-Dichloropropene | 0.110 ug/l |
| 2-Butanone | 50.1 * ug/l | trans-1,3-Dichloroprop | 0.0940 ug/l |
| 1,1,2-Trichloroethane | 0.200 ug/l | P-BROMOFLUOROENZENE | 98 % Recov |
| Ethene, trichloro- | 0.200 ug/l | FLUOROENZENE | 101 % Recov |
| ETHANE, 1,1,2,2-TETRAC | 0.200 ug/l | TOLUENE-D8 | 100 % Recov |
| 1,2,3-Trichlorobenzene | 0.200 ug/l | 1,2-DICHLOROENZENE-D4 | 101 % Recov |
| Hexachlorobutadiene | 0.200 ug/l | 1,2-DICHLOROETHANE-D4 | 101 % Recov |
| Naphthalene | 0.200 ug/l | | |
| o-XYLENE | 0.200 ug/l | | |
| 2-Chlorotoluene | 0.200 ug/l | Tent Ident - VOA Sca | Water-Total |
| 1,2-Dichlorobenzene | 0.200 ug/l | | Result Units |
| 1,3,4-Trimethylbenzene | 0.200 ug/l | | |
| 1,2-Dibromo-3-chloropr | 1.00 ug/l | 2-PROPANOL, 2-METHYL- | 4.8NJ* ug/l |
| Tert-Butylbenzene | 0.200 ug/l | 2-BUTANONE, 3,3-DIMETH+ | 13.8NJ* ug/l |
| Isopropylbenzene (Cume+ | 1.00 ug/l | 3-HEPTANONE | 1.1J* ug/l |
| p-Isopropyltoluene | 0.200 ug/l | 2-PENTANONE | 0.95J* ug/l |
| Ethylbenzene | 0.200 ug/l | Cyclohexane | 0.95NJ* ug/l |
| BENZENE, ETHENYL-(STYR+ | 0.200 ug/l | 3-HEXANONE | 2.8J* ug/l |
| BENZENE, PROPYL- | 0.200 ug/l | 2-BUTENOIC ACID, METHY+ | 4.5NJ* ug/l |
| Butylbenzene | 0.200 ug/l | Butanedial | 1.0NJ* ug/l |
| 4-Chlorotoluene | 0.200 ug/l | 2-NONANONE | 2.1NJ* ug/l |
| 1,4-Dichlorobenzene | 0.200 ug/l | UNKNOWN HYDROCARBON 1 | 9.1J* ug/l |
| 1,2-Dibromoethane (EDB) | 0.200 ug/l | UNKNOWN HYDROCARBON 3 | 0.97J* ug/l |
| 1,2-Dichloroethane | 0.200 ug/l | | |
| 4-Methyl-2-Pentanone (M+ | 0.96J* ug/l | | |

(Sample Complete)

Project: DOB-083X LAKEWOOD PLAZA CLEANERS

Officer: PZM

Account: D3P11

Blank ID: vbw4111

| VOA - PP Scan Blank #1 | Water-Total Result Units | VOA - PP Scan *** Continued *** Blank #1 | Water-Total Result Units |
|---------------------------|--------------------------------|------------------------------------------------|--------------------------------|
| Carbon Tetrachloride | 0.200 ug/l | | |
| Acetone | 2.7J* ug/l | 1,3,5-Trimethylbenzene | 0.20 ug/l |
| Chloroform | 0.20 ug/l | Bromobenzene | 0.200 ug/l |
| Benzene | 1.00 ug/l | Toluene | 0.200 ug/l |
| 1,1,1-Trichloroethane | 0.17J* ug/l | Chlorobenzene | 1.00 ug/l |
| Bromomethane | 5.00 ug/l | 1,2,4-Trichlorobenzene | 0.200 ug/l |
| Chloromethane | 1.00 ug/l | Dibromochloromethane | 0.200 ug/l |
| Dibromomethane | 0.200 ug/l | Tetrachloroethene | 0.200 ug/l |
| Bromochloromethane | 1.00 ug/l | Sec-Butylbenzene | 0.200 ug/l |
| Chloroethane | 1.00 ug/l | 1,3-Dichloropropane | 0.200 ug/l |
| Vinyl Chloride | 1.00 ug/l | Cis-1,2-Dichloroethene | 0.200 ug/l |
| Methylene Chloride | 1.1J* ug/l | trans-1,2-Dichloroethene | 0.200 ug/l |
| Carbon Disulfide | 2.00 ug/l | 1,3-Dichlorobenzene | 0.200 ug/l |
| Bromoform | 1.00 ug/l | 1,1-Dichloropropene | 0.20 ug/l |
| Bromodichloromethane | 0.200 ug/l | 2-Hexanone | 1.00 ug/l |
| 1,1-Dichloroethane | 0.200 ug/l | 2,2-Dichloropropane | 1.00 ug/l |
| 1,1-Dichloroethene | 1.00 ug/l | Ethane, 1,1,1,2-Tetrac | 0.200 ug/l |
| Trichlorofluoromethane | 1.00 ug/l | Total Xylenes | 0.60 ug/l |
| Methane, Dichlorodiflu | 1.00 ug/l | m p-XYLENE | 0.20 ug/l |
| 1,2-Dichloropropane | 0.200 ug/l | cis-1,3-Dichloropropene | 0.110 ug/l |
| 2-Butanone | 1.00 ug/l | trans-1,3-Dichloroprop | 0.0940 ug/l |
| 1,1,2-Trichloroethane | 0.200 ug/l | P-BROMOFLUOROBENZENE | 98 % Recov |
| Ethene, trichloro- | 0.200 ug/l | FLUOROBENZENE | 100 % Recov |
| ETHANE, 1,1,2,2-TETRAC | 0.200 ug/l | TOLUENE-D8 | 100 % Recov |
| 1,2,3-Trichlorobenzene | 0.200 ug/l | 1,2-DICHLOROBENZENE-D4 | 101 % Recov |
| Hexachlorobutadiene | 0.200 ug/l | 1,2-DICHLOROETHANE-D4 | 101 % Recov |
| Naphthalene | 0.200 ug/l | | |
| o-XYLENE | 0.200 ug/l | | |
| 2-Chlorotoluene | 0.200 ug/l | Tent Ident - VOA Sca | Water-Total |
| 1,2-Dichlorobenzene | 0.200 ug/l | Blank #1 | Result Units |
| 1,2,4-Trimethylbenzene | 0.073J* ug/l | | |
| 1,2-Dibromo-3-chloropr | 1.00 ug/l | 2-Butenoic acid, methy+ | 2.6NJ* ug/l |
| 1,2,3-Trichloropropane | 1.00 ug/l | | |
| tert-Butylbenzene | 0.200 ug/l | | |
| Isopropylbenzene (Cume+ | 0.20 ug/l | | |
| p-Isopropyltoluene | 0.20 ug/l | | |
| Ethylbenzene | 0.20 ug/l | | |
| BENZENE, ETHENYL-(STYR+ | 0.20 ug/l | | |
| BENZENE, PROPYL- | 0.20 ug/l | | |
| Butylbenzene | 0.20 ug/l | | |
| 4-Chlorotoluene | 0.200 ug/l | | |
| 1,4-Dichlorobenzene | 0.200 ug/l | | |
| 1,2-Dibromethane (EDB) | 0.200 ug/l | | |
| 1,2-Dichloroethane | 0.200 ug/l | | |
| 4-Methyl-2-Pentanone (M+ | 1.00 ug/l | | |

(Sample Complete)