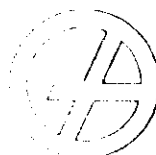


YEOMAN CREEK
AND
EDWARDS' FIELD LANDFILLS

SUMP ASSESSMENT
TECHNICAL MEMORANDUM

82189



Golder Associates

Golder Associates Inc.

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February 23, 1993

913-8083.205

913-8084.205

Mr. Richard Boice
U.S. Environmental Protection Agency
Mail Code HSRL-6J
77 West Jackson Boulevard
Chicago, Illinois 60604

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Illinois Environmental Protection Agency
2200 Churchill Road
P.O. Box 19276
Springfield, Illinois 62794-9276

RE: SUMP ASSESSMENT TECHNICAL MEMORANDUM
YEOMAN CREEK AND EDWARDS' FIELD LANDFILLS RI/FS

Dear Messrs. Boice and Nussbaum:

We are pleased to submit the Sump Assessment Technical Memorandum for the Yeoman Creek and Edwards' Field Landfills Remedial Investigation/Feasibility Study (RI/FS).

Please do not hesitate to contact us if you have any questions.

Sincerely,

GOLDER ASSOCIATES INC.

Ali A. Hashimi
Project Engineer

Ronald J. Patterson
Principal

AAH:RJP/djf

Golder Associates Inc.

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**YEOMAN CREEK
AND
EDWARDS' FIELD LANDFILLS

SUMP ASSESSMENT
TECHNICAL MEMORANDUM**

Submitted to:

**U.S. Environmental Protection Agency
and
Illinois Environmental Protection Agency**

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February 1993

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1.0 INTRODUCTION

In letters dated July 27, 1992 and August 27, 1992, U.S. EPA requested that the Respondents for the Yeoman Creek and Edwards' Field Landfills prepare an addendum to the RI/FS Work Plan presenting procedures for evaluating the potential for contaminated groundwater from the landfills to enter buildings through sumps and expose people to chemicals via direct contact or inhalation. The addendum to the RI/FS Work Plan for the sump assessment was submitted to the agencies on September 29, 1992. The addendum described the procedures proposed to assess the potential for contaminated groundwater to recharge sumps, where present, in the basements of nearby buildings, and to evaluate whether any immediate exposure risks exist.

The planned field activities for the sump assessment were conducted in conjunction with the basement/crawlspace screening survey between September 28, 1992 and October 21, 1992. The screening survey and sump assessment extended over this period of time because delays were encountered in obtaining access to some of the basements.

This Technical Memorandum presents the results of the sump assessment and a preliminary evaluation of the potential for contaminated groundwater to enter the sumps and pose an exposure risk. The evaluation of this potential exposure pathway is based on elevation data for selected points in the sumps, recent water level measurements in shallow monitoring wells in the vicinity of the buildings with sumps, and analytical results for the first and second rounds of groundwater sampling.

2.0 FIELD PROCEDURES FOR ASSESSMENT OF SUMPS

Twenty seven buildings located near the landfills were visited during the basement/crawl space and sump assessment surveys. Thirteen of these buildings had one or more sumps in the basement. Figure 1 shows the locations of sumps identified in the basements of the surveyed buildings.

The sump assessment included the following activities at each of the accessible sumps in the building basements:

1. A datum point was selected in the basement as close to each sump as practical. Each datum was a point which could be referenced to an external building feature that could be surveyed later.
2. The vertical distances from the datum to the standing water level (if water was present), high water level (level which starts the pump) and pump intake/base-of-sump level were measured. The level of each tile/drain pipe that entered the sump was also recorded.
3. Each sump was inspected to assess possible internal (i.e. excluding the perimeter of the foundation) sources of inflow such as floor drains, tiles, sinks or surface drainage from the basement floor. Also, it was noted whether the pump appeared to be cycling (i.e. water was entering the sump and rising to the high water level).

After the preceding activities were completed, the elevation of each selected datum was surveyed and elevations of the measured sump features were calculated.

3.0 RESULTS AND DISCUSSION

3.1 Elevation Measurements

Figure 1 shows the numerical designation and status of each sump (i.e., dry or containing water), and the November 2, 1992 groundwater elevations in shallow perimeter wells opposite the buildings with sumps and in the two downgradient shallow wells. The table included on Figure 1 summarizes, for each sump, the elevation of the water surface, the high water level, the pump intake/base-of-sump, and the top(s) of the tile inlet(s). The pump intake/base-of-sump in Sump Number 13 could not be measured because the sump was filled with soil when the assessment was conducted.

The pump intake/base-of-sump elevations of fourteen sumps (Numbers 4, 5, 6, 7, 8, 10, 11, 12, 14, 15, 16, 17, 18, and 19) appeared to be between about 1.5 feet and several feet above the water table level as inferred from the water level(s) in the nearest monitoring well(s). The base of Sump Number 13 is also probably above the water table. This sump was filled with soil when the assessment was conducted but is located in the same building as Sumps 11, 12, 14, and 15 and is probably similarly constructed. Based on the apparent elevation relationships between the bases of the sumps and the water table (i.e., the water table is below the base of the sump), the source of water which was observed in the majority of these sumps was not groundwater. In most of the basements, alternate internal sources of water, such as washing machines/sinks and floor drains, were evident. Moreover, two of these sumps (Number 18 and 19) did not have pumps installed, indicating that the water table must be below the sump base because water does not accumulate.

Water elevation data for perimeter wells indicate that the pump intake/base-of-sump levels for Sumps 1, 3, 9, 20, 21, 22, and 23 were close to the water table at the time of the assessment. If the area were to experience higher water table conditions, it is possible that some groundwater recharge might potentially occur through the bases of these sumps, if they are not sealed, and/or through the perimeter drains. However, significantly higher water table conditions do not seem likely or common based on information for Sump Number 3. This sump was dry at the time of the assessment and the owner stated that he had never seen water in the sump.

The elevations of tile inlets in all the identified sumps except Number 2 appeared to be above the water table level at the time of the assessment; this relationship is consistent with the observation during the survey that none of the pumps in these sumps was cycling due to inflow from perimeter foundation drains. In Sump Number 2, located on the east side of the Bank of Waukegan, the tile inlets appeared to be below the water table level. Groundwater, therefore, may have been entering this sump. However, it is unlikely that groundwater entering this sump could contain landfill derived constituents because the sump is relatively distant from the landfill and groundwater elevation data for the background well cluster indicates that it is upgradient from the landfill. In addition, based on the early air photographs of the Site, the sump in the building appears to be constructed in a geologic unit which is different from that of the landfill.

3.2 Analytical Data for Perimeter Shallow Monitoring Wells

The validated analytical data for first and second round groundwater samples are included in Tables 1 through 10.

3.2.1 Edwards Field Landfill

Groundwater samples from monitoring wells MW-106 and MW-107, which are the closest shallow perimeter wells to the sumps located in the Bank of Waukegan (Sump Numbers 1 and 2), showed no evidence of an effect from the landfill. For example, no TCL organic compounds (excluding laboratory artifacts such as acetone, methylene chloride and di-n-butyl phthalate) were detected in either the first or second round samples. Also, no dissolved metals were detected at concentrations above the preliminary levels of concern in either the first or second round samples and no water quality parameters exceeded levels of concern. The lack of detections at MW-106 and MW-107 provides additional assurance that groundwater which might enter sump Number 2 is unlikely to contain landfill derived constituents.

3.2.2 Yeoman Creek Landfill

Groundwater quality data for the shallow perimeter wells (MW-202, MW-204, MW-206, MW-208, MW-210, and MW-212) opposite buildings with sumps at the Yeoman Creek

Landfill and shallow downgradient wells (MW-402 and MW-406) were reviewed to evaluate possible effects from the landfill. First and second round sample results showed only a few qualified (i.e., between the method detection limit and the practical quantification level (PQL)) or low concentrations of a relatively small number of TCL organic compounds and metals. TCL volatile organic compounds (excluding laboratory artifacts) detected above the PQL in shallow perimeter wells were chlorobenzene, 1,2-dichloroethene (total), benzene, and xylene. Chlorobenzene was detected in MW-208 in the first and second round samples at concentrations of 6 $\mu\text{g/L}$ and 8 $\mu\text{g/L}$, respectively. Benzene and xylene were only reported at 20 $\mu\text{g/L}$ and 7 $\mu\text{g/L}$ in the second round samples collected from MW-212. 1,2-dichloroethene (total) was measured at 5 $\mu\text{g/L}$ and 13 $\mu\text{g/L}$ in the first round samples from MW-210 and MW-212, respectively; this compound was not reported in the corresponding second round samples. Concentrations of acetone, which was reported in round one and two samples from MW-107, MW-202 (estimated 890 $\mu\text{g/L}$), MW-204, MW-210, and MW-402 and not eliminated as laboratory contamination during data validation, were far below the preliminary level of concern (3500 $\mu\text{g/L}$).

Bis (2-ethylhexyl) phthalate was reported in MW-206 at a qualified level of 10 $\mu\text{g/L}$ in round one samples. This was the only TCL semi-volatile organic compound (excluding laboratory artifacts such as di-n-butylphthalate) reported above the PQL in any of the shallow perimeter or downgradient wells which were opposite buildings with sumps.

No pesticide or PCB compounds were reported above the PQL in any of the shallow perimeter or downgradient wells.

The only dissolved metals which were reported at concentrations above the preliminary levels of concern in the shallow perimeter and downgradient wells were arsenic and nickel. In both the first and second round samples from shallow perimeter wells MW-202 and MW-204, the preliminary level of concern for nickel (100 $\mu\text{g/L}$) was exceeded. The maximum concentration reported was 1430 $\mu\text{g/L}$. The concentrations of arsenic in the first and second round samples collected from MW-206 ranged up to 142 $\mu\text{g/L}$ which exceeds the preliminary level of concern of 50 $\mu\text{g/L}$.

The only exceedances of a level of concern for water quality parameters in the shallow

perimeter and downgradient wells were for sulfate in MW-210 in both sampling rounds. The level of concern for sulfate is based on aesthetic considerations not health concerns.

Based on the available analytical results for the shallow perimeter wells at the Yeoman Creek Landfill, recharge of the identified sumps by groundwater, if it were to occur, would not constitute a health risk for building residents. The reported levels of volatile organics, even if attenuation of concentrations between the perimeter monitoring wells and the sumps is discounted, are much too low to produce an inhalation risk as a result of partitioning into ambient air. Also, the groundwater would not represent a significant direct contact threat. Two metals, nickel and arsenic, were reported at concentrations above the preliminary levels of concern. However, the preliminary levels of concern are based on a conservative ingestion scenario and much higher levels of these metals would be required before a potential direct contact risk would exist. Furthermore, the possibility of exposure by direct contact only occurs very infrequently if at all in the sumps. Direct contact with groundwater, if it entered a sump, would only occur during sump repair or maintenance which is rarely necessary.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The elevation data for the sumps and groundwater in shallow perimeter monitoring wells indicate that groundwater recharge is not likely to occur in the majority of the identified sumps near the landfills unless much higher and unusual water table conditions develop. Nevertheless, even if groundwater were to enter the sumps, the analytical results for the shallow perimeter and downgradient monitoring wells indicate that the groundwater would not represent a significant inhalation or direct contact risk for building residents or workers.

Although groundwater recharge in the identified sumps would not constitute a significant risk for building residents/workers, gas monitoring data obtained during the basement/crawlspace screening surveys showed that a potential risk may be associated with some sumps due to lateral migration of landfill gas in the subsurface above the water table and entry into the sumps through the perimeter foundation tiles (October 1992 Monthly Report). This migration pathway has been identified in Sump Numbers 11 through 15 in the basement of the 1401 to 1451 W. Golf Road building. The bases and perimeter drains of all these sumps are above the water table (Section 3.1) permitting gas entry by this route. This pathway is currently being addressed by addition of traps, vents and internal water sources in the affected sumps.

In summary, since groundwater recharge is unlikely in most of the identified sumps and, even if it was to occur, would not represent a significant exposure risk, supplementary activities such as sampling of water in sumps are not recommended. Furthermore, sampling and analysis of sump waters would probably not provide useful data for assessing potential effects from the landfill. The quality of water in sumps is likely to reflect internal sources (e.g. sinks, floor drains), local surface drainage/runoff that infiltrates around foundations, or possibly contamination from fill of unknown origin that was placed prior to construction of many of the adjacent buildings.

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TABLE 1
VOLATILE ORGANICS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW10101 15-Jul-92 ug/L	GW10201 15-Jul-92 ug/L	GW10301 17-Jul-92 ug/L	GW10401 16-Jul-92 ug/L	GW50301 16-Jul-92 ug/L	GW10501 10-Jul-09 ug/L	GW10601 10-Jul-09 ug/L	GW10701 10-Jul-09 ug/L	GW10801 09-Jul-92 ug/L	GW10901 20-Jul-92 ug/L	GW11001 20-Jul-92 ug/L
Chloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	4.90E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	3.50E+03	ND	ND	ND	ND	ND	49 J	ND	12 J	ND	ND J	ND J
Carbon disulfide	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	7.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethene (total)	1.70E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.74E+00	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND
1,2-dichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone	1.75E+03	R	R	R	R	R	R	R	R	R	R	R
1,1,1-trichloroethane	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-dichloropropene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	1.05E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1.75E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	2.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	1.00E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value was rejected during data validation.

NE - Not established.

TABLE 1
VOLATILE ORGANICS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW11101 21-Jul-92 ug/L	GW50601 21-Jul-92 ug/L	GW20101 17-Jul-92 ug/L	GW20201 23-Jul-92 ug/L	GW20301 22-Jul-92 ug/L	GW20401 15-Jul-92 ug/L	GW20501 22-Jul-92 ug/L	GW50701 22-Jul-92 ug/L	GW20601 22-Jul-92 ug/L	GW20701 20-Jul-92 ug/L	GW50501 20-Jul-92 ug/L
Chloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	4.90E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2.00E+00	2 J	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5.00E+00	ND	ND	1 J	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	3.50E+03	ND	ND	ND	890 J	ND	37 J	ND	ND	ND	ND J	ND J
Carbon disulfide	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	7.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethene (total)	1.70E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.74E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone	1.75E+03	R	R	R	ND	R	R	R	R	R	R	R
1,1,1-trichloroethane	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	ND J	ND J	ND	ND	ND J	ND	ND J	ND J	ND J	ND	ND
Bromodichloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-dichloropropene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	1.05E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1.75E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	2.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	1.00E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value was rejected during data validation.

NE - Not established.

TABLE 1
VOLATILE ORGANICS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW20801 20-Jul-92 ug/L	GW20901 17-Jul-92 ug/L	GW50401 17-Jul-92 ug/L	GW21001 17-Jul-92 ug/L	GW21101 13-Jul-92 ug/L	GW21201 10-Jul-09 ug/L	GW21301 14-Jul-92 ug/L	GW21401 13-Jul-92 ug/L	GW50101 14-Jul-92 ug/L	GW21501 21-Jul-92 ug/L	GW21601 21-Jul-92 ug/L
Chloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	4.90E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	3.50E+03	ND J	ND	ND	ND	ND	ND	ND	ND	11 J	ND	ND
Carbon disulfide	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	7.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethene (total)	1.70E+02	2 J	ND	ND	5	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.74E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone	1.75E+03	R	R	R	R	R	R	R	R	R	R	R
1,1,1-trichloroethane	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND J
Bromodichloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-dichloropropene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.00E+00	3 J	ND	ND	ND	ND	13	ND	ND	ND	2 J	ND
Trans-1,3-dichloropropene	1.05E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1.75E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	2.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.00E+02	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	1.00E+04	ND	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value was rejected during data validation.

NE - Not established.

TABLE 1
VOLATILE ORGANICS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW30101 09-Jul-92 ug/L	GW30201 08-Jul-92 ug/L	GW30301 09-Jul-92 ug/L	GW40101 16-Jul-92 ug/L	GW40201 16-Jul-92 ug/L	GW40301 15-Jul-92 ug/L	GW50201 15-Jul-92 ug/L	GW40501 21-Jul-92 ug/L	GW40601 21-Jul-92 ug/L
Chloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	4.90E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	3.50E+03	ND	ND	ND	ND	28 J	27 J	15 J	ND	ND
Carbon disulfide	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	7.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethene (total)	1.70E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.74E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone	1.75E+03	R	R	R	R	R	R	R	R	R
1,1,1-trichloroethane	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	ND	ND	ND	ND	ND	ND	ND	ND J	ND J
Bromodichloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-dichloropropene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	1.05E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1.75E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	2.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	1.00E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value was rejected during data validation.

NE - Not established.

TABLE 1
VOLATILE ORGANICS ANALYSES OF
THE FIRST ROUND OF LEACHATE SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	LW10101 30-Jul-92 ug/L	LW10201 03-Aug-92 ug/L	LW10301 30-Jul-92 ug/L	LW50101 30-Jul-92 ug/L	LW20101 31-Jul-92 ug/L	LW20201 31-Jul-92 ug/L	LW20301 31-Jul-92 ug/L	LW50201 31-Jul-92 ug/L	LW20401 03-Aug-92 ug/L	LW50301 03-Aug-92 ug/L
Chloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	4.90E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	ND	ND	3 J	ND	ND	ND	6 J	7 J	ND	ND
Methylene Chloride	5.00E+00	ND	ND	2 J	2 J	ND	18 J	ND	ND	ND	52 J
Acetone	3.50E+03	10 J	9 J	26 J	34 J	ND	110 J	ND	ND	320 J	100 J
Carbon disulfide	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	7.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethene (total)	1.70E+02	ND	ND	3 J	2 J	ND	ND	ND	ND	ND	ND
Chloroform	5.74E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	5.00E+00	ND	ND	3 J	3 J	ND	ND	ND	ND	ND	ND
2-butanone	1.75E+03	ND	ND	15	17	ND	190	ND	ND	ND	ND
1,1,1-trichloroethane	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-dichloropropene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.00E+00	ND	ND	3 J	3 J	ND	ND	ND	ND	ND	ND
Dibromochloromethane	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.00E+00	21	21	13	13	62	48	60	58	62 J	67 J
Trans-1,3-dichloropropene	1.05E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	1.75E+03	ND	ND	ND	ND	ND	32	ND	ND	100 J	96 J
2-hexanone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.00E+00	ND	ND	3 J	3 J	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1.75E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	2.00E+03	ND	2 J	190	190	9	210	20	20	2200	2100
Chlorobenzene	1.00E+02	23	3 J	19	18	15	14	57	56	ND	ND
Ethylbenzene	7.00E+02	ND	24	120	130	770	170	590	440	830	890
Styrene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	1.00E+04	21	130	110	120	1200	620	830	750	1900	1800

NOTES:

ND - Indicates the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value was rejected during data validation.

NE - Not established.

TABLE 2
SEMIVOLATILE ORGANIC ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW10101 15-Jul-92 ug/L	GW10201 15-Jul-92 ug/L	GW10301 17-Jul-92 ug/L	GW10401 16-Jul-92 ug/L	GW50301 16-Jul-92 ug/L	GW10501 10-Jul-92 ug/L	GW10601 10-Jul-92 ug/L	GW10701 10-Jul-92 ug/L	GW10801 09-Jul-92 ug/L	GW10901 20-Jul-92 ug/L	GW11001 20-Jul-92 ug/L
Phenol	2.10E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	3.18E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.75E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	6.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7.50E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3.15E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitroso-di-n-propylamine	5.00E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	2.50E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.75E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid	1.40E+05	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND
Bis(2-chloroethoxy)methane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	9.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.40E+02	ND J	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND J
Hexachlorobutadiene	4.49E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND
2,4,6-Trichlorophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	ND J	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	7.00E+01	ND	ND	ND	ND	ND	ND J	ND J	ND J	ND J	ND J	ND
4-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	2.80E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2
SEMIVOLATILE ORGANIC ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW10101 15-Jul-92 ug/L	GW10201 15-Jul-92 ug/L	GW10301 17-Jul-92 ug/L	GW10401 16-Jul-92 ug/L	GW50301 16-Jul-92 ug/L	GW10501 10-Jul-92 ug/L	GW10601 10-Jul-92 ug/L	GW10701 10-Jul-92 ug/L	GW10801 09-Jul-92 ug/L	GW10901 20-Jul-92 ug/L	GW11001 20-Jul-92 ug/L
4-Chlorophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-Methylphenol	NE	ND	ND	ND	ND	ND	ND J	ND J	ND J	ND J	ND	ND
N-Nitrosodiphenylamine	7.14E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	1.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	3.50E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	7.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	NE	ND J	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	4.00E+00	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	2.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	3.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates that the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value was rejected during data validation.

NE - Not established.

TABLE 2
SEMIVOLATILE ORGANIC ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW11101 21-Jul-92 ug/L	GW50601 21-Jul-92 ug/L	GW20101 17-Jul-92 ug/L	GW20201 23-Jul-92 ug/L	GW20301 22-Jul-92 ug/L	GW20401 22-Jul-92 ug/L	GW20501 22-Jul-92 ug/L	GW50701 22-Jul-92 ug/L	GW20601 22-Jul-92 ug/L	GW20701 20-Jul-92 ug/L	GW50501 20-Jul-92 ug/L
Phenol	2.10E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	3.18E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.75E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	6.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7.50E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3.15E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	ND	ND	ND	R	R	R	R	R	R	ND	ND
4-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitroso-di-n-propylamine	5.00E-03	ND	ND	ND	ND J	ND J	ND J	ND J	ND J	ND J	ND	ND
Hexachloroethane	2.50E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.75E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid	1.40E+05	ND	ND	ND J	ND	ND	ND	ND	ND	ND	6 J	ND
Bis(2-chloroethoxy)methane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	9.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.40E+02	ND J	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND J
Hexachlorobutadiene	4.49E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	3 J	ND	ND
2-Methylnaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	ND	ND	ND	ND J	ND J	ND J	ND J	ND J	ND J	ND	ND
Dimethyl Phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	7.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	2.80E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2
SEMIVOLATILE ORGANIC ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW11101 21-Jul-92 ug/L	GW50601 21-Jul-92 ug/L	GW20101 17-Jul-92 ug/L	GW20201 23-Jul-92 ug/L	GW20301 22-Jul-92 ug/L	GW20401 22-Jul-92 ug/L	GW20501 22-Jul-92 ug/L	GW50701 22-Jul-92 ug/L	GW20601 22-Jul-92 ug/L	GW20701 20-Jul-92 ug/L	GW50501 20-Jul-92 ug/L
4-Chlorophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-Methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	7.14E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	1.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	3.50E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	7.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	4.00E+00	ND	ND	ND	3 J	3 J	ND	ND	ND	10 J	6 J	ND
Di-n-octyl phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	2.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	3.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates that the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value was rejected during data validation.

NE - Not established.

TABLE 2
SEMIVOLATILE ORGANIC ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW20801 20-Jul-92 ug/L	GW20901 17-Jul-92 ug/L	GW50401 17-Jul-92 ug/L	GW21001 17-Jul-92 ug/L	GW21101 13-Jul-92 ug/L	GW21201 10-Jul-92 ug/L	GW21301 14-Jul-92 ug/L	GW21401 13-Jul-92 ug/L	GW50101 14-Jul-92 ug/L	GW21501 21-Jul-92 ug/L	GW21601 21-Jul-92 ug/L
Phenol	2.10E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	3.18E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.75E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	6.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7.50E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3.15E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitroso-di-n-propylamine	5.00E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	2.50E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.75E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid	1.40E+05	ND	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND	ND
Bis(2-chloroethoxy)methane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	9.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.40E+02	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND J
Hexachlorobutadiene	4.49E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5.00E+01	ND	ND	ND	ND	ND J	ND	ND J	ND J	ND J	ND	ND
2,4,6-Trichlorophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	7.00E+01	ND	ND	ND	ND	ND J	ND J	ND J	ND J	ND J	ND	ND
4-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	2.80E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2
SEMIVOLATILE ORGANIC ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW20801 20-Jul-92 ug/L	GW20901 17-Jul-92 ug/L	GW50401 17-Jul-92 ug/L	GW21001 17-Jul-92 ug/L	GW21101 13-Jul-92 ug/L	GW21201 10-Jul-09 ug/L	GW21301 14-Jul-92 ug/L	GW21401 13-Jul-92 ug/L	GW50101 14-Jul-92 ug/L	GW21501 21-Jul-92 ug/L	GW21601 21-Jul-92 ug/L
4-Chlorophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-Methylphenol	NE	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	7.14E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	1.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	2.00E+02	ND	ND	ND	ND	ND	ND	3 J	ND	ND	ND	ND
Phenanthrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	3.50E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	7.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	NE	ND	ND	ND	ND	ND J	ND	ND J	ND J	ND J	ND	ND
Benzo(a)anthracene	1.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	4.00E+00	6 J	ND	ND	ND	4 J	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	2.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	3.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates that the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value was rejected during data validation.

NE - Not established.

TABLE 2
SEMIVOLATILE ORGANIC ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW30101 09-Jul-92 ug/L	GW30201 08-Jul-92 ug/L	GW30301 09-Jul-92 ug/L	GW40101 16-Jul-92 ug/L	GW40201 16-Jul-92 ug/L	GW40301 15-Jul-92 ug/L	GW50201 15-Jul-92 ug/L	GW40501 21-Jul-92 ug/L	GW40601 21-Jul-92 ug/L
Phenol	2.10E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	3.18E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.75E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	6.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7.50E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3.15E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	ND J	ND J	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitroso-di-n-propylamine	5.00E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	2.50E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.75E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	ND J	ND J	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid	1.40E+05	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND	ND
Bis(2-chloroethoxy)methane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	9.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND J	ND J
Hexachlorobutadiene	4.49E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	7.00E+01	ND	ND	ND J	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	2.80E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND

Golder Associates

TABLE 2
SEMIVOLATILE ORGANIC ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW30101 09-Jul-92 ug/L	GW30201 08-Jul-92 ug/L	GW30301 09-Jul-92 ug/L	GW40101 16-Jul-92 ug/L	GW40201 16-Jul-92 ug/L	GW40301 15-Jul-92 ug/L	GW50201 15-Jul-92 ug/L	GW40501 21-Jul-92 ug/L	GW40601 21-Jul-92 ug/L
4-Chlorophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-Methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	7.14E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	1.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	3.50E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	7.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	NE	ND J	ND J	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	4.00E+00	ND	ND	2 J	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	ND	ND	ND	ND	ND	ND	3 J	ND	ND
Benzo(b)fluoranthene	2.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	2.00E-01	ND J	ND J	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	3.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates that the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value was rejected during data validation.

NE - Not established.

TABLE 2
SEMIVOLATILE ORGANIC ANALYSES OF
THE FIRST ROUND OF LEACHATE SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	LW10101 30-Jul-92 ug/L	LW10201 03-Aug-92 ug/L	LW10301 30-Jul-92 ug/L	LW50101 30-Jul-92 ug/L	LW20101 31-Jul-92 ug/L	LW20201 31-Jul-92 ug/L	LW20301 31-Jul-92 ug/L	LW50201 31-Jul-92 ug/L	LW20401 03-Aug-92 ug/L	LW50301 03-Aug-92 ug/L
Phenol	2.10E+04	ND	ND	7 J	6 J	ND	21	ND	ND	11	ND
Bis(2-chloroethyl)ether	3.18E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.75E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	6.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7.50E+01	9 J	ND	2 J	2 J	8 J	11 J	14	11	8 J	8 J
Benzyl Alcohol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3.15E+03	ND	ND	ND	ND	ND	ND	3 J	2 J	ND	ND
2-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	9 J
Bis(2-chloroisopropyl)ether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	1.75E+03	ND	ND	250	210	ND	330	ND	ND	450	440
N-nitroso-di-n-propylamine	5.00E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	2.50E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.75E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	ND	ND	ND	ND	19 J	ND	ND	ND	ND	4 J
2-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NE	ND	ND	2 J	2 J	57	27	20	29	31	28
Benzoic Acid	1.40E+05	ND	ND	ND	ND	ND	ND	12 J	ND	140	240
Bis(2-chloroethoxy)methane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	9.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.40E+02	16	21	2 J	3 J	40	19 J	42	28	26	24
4-Chloroaniline	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	4.49E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	ND	ND	ND	ND	16	23	15	20	ND	ND
2-Methylnaphthalene	NE	3 J	ND	ND	ND	5 J	7 J	4 J	4 J	ND	ND
Hexachlorocyclopentadiene	5.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	7.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	2.80E+04	ND	2 J	ND	ND	3 J	14 J	ND	ND	5 J	7 J

Golder Associates

TABLE 2
SEMIVOLATILE ORGANIC ANALYSES OF
THE FIRST ROUND OF LEACHATE SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	LW10101 30-Jul-92 ug/L	LW10201 03-Aug-92 ug/L	LW10301 30-Jul-92 ug/L	LW50101 30-Jul-92 ug/L	LW20101 31-Jul-92 ug/L	LW20201 31-Jul-92 ug/L	LW20301 31-Jul-92 ug/L	LW50201 31-Jul-92 ug/L	LW20401 03-Aug-92 ug/L	LW50301 03-Aug-92 ug/L
4-Chlorophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-Methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	7.14E+00	ND	ND	ND	ND	4 J	ND	2 J	3 J	ND	ND
4-Bromophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	1.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	3.50E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	7.00E+03	5 J	ND	ND	ND	7 J	ND	8 J	6 J	ND	ND
3,3-Dichlorobenzidine	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	4.00E+00	22	14 J	ND	ND	ND	ND	ND	ND	5 J	4 J
Di-n-octyl phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	2.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	3.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates that the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value was rejected during data validation.

NE - Not established.

TABLE 3
PESTICIDE AND PCB ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW10101 15-Jul-92 ug/L	GW10201 15-Jul-92 ug/L	GW10301 17-Jul-92 ug/L	GW10401 16-Jul-92 ug/L	GW50301 16-Jul-92 ug/L	GW10501 10-Jul-92 ug/L	GW10601 10-Jul-92 ug/L	GW10701 10-Jul-92 ug/L	GW10801 09-Jul-92 ug/L	GW10901 20-Jul-92 ug/L	GW11001 20-Jul-92 ug/L
Alpha-BHC	5.56E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	1.94E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	1.17E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	2.06E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	2.19E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	1.46E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p'-Methoxychlor	4.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Ketone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1016	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

C - Indicates the identification of the compound has been confirmed by GC/MS.

NE - Not established.

TABLE 3
PESTICIDE AND PCB ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW11101 21-Jul-92 ug/L	GW50601 21-Jul-92 ug/L	GW20101 17-Jul-92 ug/L	GW20201 23-Jul-92 ug/L	GW20301 22-Jul-92 ug/L	GW20401 22-Jul-92 ug/L	GW20501 22-Jul-92 ug/L	GW50701 22-Jul-92 ug/L	GW20601 22-Jul-92 ug/L	GW20701 20-Jul-92 ug/L	GW50501 20-Jul-92 ug/L
Alpha-BHC	5.56E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	1.94E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	1.17E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	2.06E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	2.19E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	1.46E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p'-Methoxychlor	4.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Ketone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1016	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

C - Indicates the identification of the compound has been confirmed by GC/MS.

NE - Not established.

TABLE 3
PESTICIDE AND PCB ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW20001 20-Jul-92 ug/L	GW20901 17-Jul-92 ug/L	GW50401 17-Jul-92 ug/L	GW21001 17-Jul-92 ug/L	GW21101 14-Jul-92 ug/L	GW21201 10-Jul-92 ug/L	GW21301 14-Jul-92 ug/L	GW21401 13-Jul-92 ug/L	GW50101 14-Jul-92 ug/L	GW21501 21-Jul-92 ug/L	GW21601 21-Jul-92 ug/L
Alpha-BHC	5.56E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	1.94E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	1.17E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	2.06E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	2.19E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	1.46E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p'-Methoxychlor	4.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Ketone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1016	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

C - Indicates the identification of the compound has been confirmed by GC/MS.

NE - Not established.

TABLE 3
PESTICIDE AND PCB ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L.	GW30101 09-Jul-92 ug/L.	GW30201 08-Jul-92 ug/L.	GW30301 09-Jul-92 ug/L.	GW40101 16-Jul-92 ug/L.	GW40201 16-Jul-92 ug/L.	GW40301 15-Jul-92 ug/L.	GW50201 15-Jul-92 ug/L.	GW40501 21-Jul-92 ug/L.	GW40601 21-Jul-92 ug/L.
Alpha-BHC	5.56E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	1.94E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	1.17E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	2.06E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	2.19E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	1.46E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p'-Methoxychlor	4.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Ketone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1016	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

C - Indicates the identification of the compound has been confirmed by GC/MS.

NE - Not established.

TABLE 3
PESTICIDE AND PCB ANALYSES OF
THE FIRST ROUND OF LEACHATE SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	LW10101 30-Jul-92 ug/L	LW10201 03-Aug-92 ug/L	LW10301 30-Jul-92 ug/L	LW50101 30-Jul-92 ug/L	LW20101 31-Jul-92 ug/L	LW20201 31-Jul-92 ug/L	LW20301 31-Jul-92 ug/L	LW50201 31-Jul-92 ug/L	LW20401 03-Aug-92 ug/L	LW50301 03-Aug-92 ug/L
Alpha-BHC	5.56E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	1.94E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	1.17E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	2.06E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	2.19E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	1.46E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p'-Methoxychlor	4.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Ketone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1016	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	5.00E-01	0.51	ND	ND	ND	11	100 C	190 C	190 C	50 C	54 C
Aroclor-1248	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

C - Indicates the identification of the compound has been confirmed by GC/MS.

NE - Not established.

Golder Associates

TABLE 4
METALS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary Level of Concern	GW10101 15-Jul-92	GW10101 15-Jul-92	GW10201 15-Jul-92	GW10201 15-Jul-92	GW10301 17-Jul-92	GW10301 17-Jul-92	GW10401 16-Jul-92	GW10401 16-Jul-92	GW50301 16-Jul-92	GW50301 16-Jul-92	GW10501 10-Jul-09
Date Sampled	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Units		Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
Aluminum	NE	4350 J	81.9 B	1640 J	79.5 B	669 J	85.3 B	450 J	Turbidity	280 J	Turbidity	1060
Antimony	1.00E+01	ND J	ND J	ND J	ND J	ND J	ND J	ND J	was	ND J	was	ND J
Arsenic	5.00E+01	10.2	ND	ND	ND J	ND	ND J	ND J	less	ND J	less	ND
Barium	5.00E+03	81.9 B	53.6 B	75.4 B	58.6 B	87.5 B	85.4 B	781 J	than	801 J	than	66.3 B
Beryllium	1.00E+00	ND	ND	ND	ND	ND	ND	ND J	20 NTU	ND J	20 NTU	ND
Cadmium	5.00E+00	ND	ND	ND	ND	ND	ND	ND J	(17 NTU).	ND J	(17 NTU).	ND
Calcium	NE	162000	143000 J	241000	240000 J	140000	133000 J	49800 J	A filtered	52800 J	A filtered	87600
Chromium	1.00E+02	8.6 BJ	ND	12.3 J	ND	9.4 BJ	ND	28.7 J	sample	23.1 J	sample	14.9
Cobalt	NE	ND	ND	ND	ND	ND	ND	10.7 BJ	was	9.5 BJ	was	ND
Copper	1.30E+03	11.8 B	ND	7.8 B	ND	ND	ND	ND J	not	ND J	not	15.5 B
Iron	NE	11100	3320	21500	17500	4650	3090	5380 J	taken.	5520 J	taken.	1900 J
Lead	5.00E+00	4.3 J	ND J	2.9 BJ	ND J	ND J	ND J	R		ND J		2.3 BJ
Magnesium	NE	89900	79500	56800	54900	76000	74200	82700 J		85400 J		53100
Manganese	7.00E+03	210	62.3J	447	391 J	47.5	19.8 J	28.8 J		29.9 J		72.1
Mercury	2.00E+00	ND	ND J	ND	ND J	ND	ND J	ND J		ND J		ND
Nickel	1.00E+02	10.9 B	ND	ND	ND	ND	ND	21 BJ		15 BJ		19.5 B
Potassium	NE	7520	5630	4900 B	4000 B	20400	20900	107000 J		111000 J		7070
Selenium	5.00E+01	R	ND J	R	ND J	R	ND J	R		R		ND J
Silver	1.05E+02	ND	ND	ND	ND	ND	ND	ND J		ND J		ND
Sodium	NE	110000	110000	264000	286000	146000	151000	335000 J		348000 J		61500
Thallium	2.00E+00	ND J	ND J	ND J	ND J	ND J	ND J	ND J		ND J		R
Vanadium	2.45E+02	7 B	ND	ND	ND	ND	ND	ND J		ND J		ND
Zinc	7.00E+03	30.2 J	ND	52.5 J	ND	30.8 J	3.1 B	22.8 J		34.5 J		75.3 J
Cyanide	2.00E+02	ND	NA	ND	NA	ND	NA	ND J		ND J		42.1

NOTES:

ND - Indicates the compound was analyzed for but not detected above the IDL.

NE - Not established.

NA - Not analyzed

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

J - Value must be considered as estimated due to quality control exceedances.

R - Value rejected due to quality control exceedances.

S - Value obtained by Method of Standard Additions.

TABLE 4
METALS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary	GW10501	GW10601	GW10601	GW10701	GW10701	GW10801	GW10801	GW10901	GW10901	GW11001	GW11001
Date Sampled	Level of	10-Jul-09	10-Jul-09	10-Jul-09	10-Jul-09	10-Jul-09	09-Jul-92	09-Jul-92	20-Jul-92	20-Jul-92	20-Jul-92	20-Jul-92
Units	Concern	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	ug/L	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
Aluminum	NE	133 B	15200	616	24800	99.7 B	14400	1420	587	50 B	3090	ND
Antimony	1.00E+01	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J
Arsenic	5.00E+01	ND	8.7 B	ND	6.3 B	ND	13.6	ND	ND J	ND	ND J	4.1 B
Barium	5.00E+03	62.1 B	138 B	64.8 B	167 B	111 B	138 B	79.5 B	734	87.9 B	107 B	84 B
Beryllium	1.00E+00	ND	ND	ND	1.5 B	ND	ND	ND	ND	ND	ND	ND
Cadmium	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	NE	86200	128000	88200	158000	108000	198000	103000	119000	109000	125000 J	150000 J
Chromium	1.00E+02	ND	25.4	ND	57.6	ND	39.9	ND	40.1	ND	ND	ND
Cobalt	NE	ND	11.2 B	ND	15.9 B	ND	11.9 B	ND	ND	ND	ND	ND
Copper	1.30E+03	5.1 B	36.9	ND	37.4	ND	37.8	ND	ND	ND	6 B	ND
Iron	NE	259	31300 J	5810	38400 J	4950	28200 J	2350	5180	1610	5860	2970
Lead	5.00E+00	ND	28.8 SJ	3.6	20.2 J	ND	44.4 SJ	4.9 J	R	ND J	R	ND J
Magnesium	NE	53100	51900	29600	61200	32700	112000	59300	100000	96800	102000	110000
Manganese	7.00E+03	37.7	574	176	681	186	882	129	27.8	26.1	184	39.5 J
Mercury	2.00E+00	ND J	ND	ND J	ND	ND J	ND	ND J	ND	R	ND	ND J
Nickel	1.00E+02	14.1 B	34.5 B	ND	52.4	ND	44	ND	22.9 B	ND	ND	ND
Potassium	NE	6910	6550	2120 B	16200	7890	7380	2770 B	48300	2720 B	3770 BJ	6710 J
Selenium	5.00E+01	ND	ND J	ND	ND J	ND J	ND J	ND	R	ND J	R	ND J
Silver	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	NE	65700	24000	24300	25300	27700	24300	25700	106000	55400	R	R
Thallium	2.00E+00	R	R	R	R	R	R	R	ND J	R	ND J	ND J
Vanadium	2.45E+02	ND	28 B	ND	47.7 B	ND	27.4 B	ND	ND	ND	ND	ND
Zinc	7.00E+03	12.9 B	154 J	13.2 B	129 J	5 B	121 J	13.5 B	15.4 B	ND	17.5 B	7.2 B
Cyanide	2.00E+02	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND J	NA

NOTES:

ND - Indicates the compound was analyzed for but not detected above the IDL.

NE - Not established.

NA - Not analyzed

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

J - Value must be considered as estimated due to quality control exceedances.

R - Value rejected due to quality control exceedances.

S - Value obtained by Method of Standard Additions.

TABLE 4
METALS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary	GW11101	GW11101	GW50601	GW50601	GW20101	GW20101	GW20201	GW20201	GW20301	GW20301	GW20401
Date Sampled	Level of	21-Jul-92	21-Jul-92	21-Jul-92	21-Jul-92	17-Jul-92	17-Jul-92	24-Jul-92	24-Jul-92	22-Jul-92	22-Jul-92	30-Jul-92
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
Aluminum	NE	40700	66.9 B	36900	45.3 B	63 BJ	Turbidity	2200 J	107 B	326	Turbidity	293 J
Antimony	1.00E+01	ND J	ND J	ND J	ND J	ND J	was	ND J	ND J	ND J	was	ND J
Arsenic	5.00E+01	33.6 SJ	ND	12.7 J	ND	ND	less	5.4 BJ	10.5 J	ND J	less	ND
Barium	5.00E+03	374	242	370	245	239	than	608	611	94.3 B	than	136 B
Beryllium	1.00E+00	2.5 B	ND	2.4 B	ND	ND	20 NTU	ND	ND	ND	20 NTU	ND
Cadmium	5.00E+00	ND	ND	ND	ND	ND	(7 NTU).	ND	ND	ND	(17.5 NTU).	ND
Calcium	NE	339000	153000	326000	154000	189000	A filtered	322000	303000	35300	A filtered	387000
Chromium	1.00E+02	69.2 J	ND	55.6	ND	15.9 J	sample	253 J	ND	19.1	sample	ND
Cobalt	NE	25.7 B	ND	24.5 B	ND	ND	was	ND J	7.2 BJ	ND	was	ND
Copper	1.30E+03	65.6	ND	56.1	ND	ND	not	22.4 BJ	ND	ND	not	58.8
Iron	NE	62100	5100	57200	6260	4530	taken.	3980 J	1890	569	taken.	533
Lead	5.00E+00	R	ND J	R	ND J	ND J		2.5 B	ND J	R		ND J
Magnesium	NE	193000	86100	184000	86600	76400		220000	206000	33600		204000
Manganese	7.00E+03	1700	146	1560	143	157		295 J	224	21.1		145 J
Mercury	2.00E+00	ND	R	ND	R	ND		ND	R	ND		ND
Nickel	1.00E+02	73.9	ND	63.4	ND	ND		206 J	239 J	ND		2870
Potassium	NE	22500	5140	20800	5400	4000 B		21500	20700	ND		39500
Selenium	5.00E+01	R	ND J	R	ND J	R		ND J	ND J	R		ND J
Silver	1.05E+02	ND	ND	ND	ND	ND		ND	ND	ND		ND
Sodium	NE	143000	150000	145000	144000	125000		435000	427000	18600		48200
Thallium	2.00E+00	ND J	R	ND J	R	ND J		R	R	ND J		ND J
Vanadium	2.45E+02	74	ND	67	ND	ND		5.6 B	ND	ND		ND
Zinc	7.00E+03	149	ND	139	ND	8.6 BJ		37.1 J	13.8 B	15.6 B		120 J
Cyanide	2.00E+02	ND	NA	ND	NA	ND		33.4	NA	ND		ND J

NOTES:

ND - Indicates the compound was analyzed for but not detected above the IDL.

NE - Not established.

NA - Not analyzed

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

J - Value must be considered as estimated due to quality control exceedances.

R - Value rejected due to quality control exceedances.

S - Value obtained by Method of Standard Additions.

TABLE 4
METALS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW20401 30-Jul-92 UG/L Filtered	GW20501 22-Jul-92 ug/L Unfiltered	GW20501 22-Jul-92 ug/L Filtered	GW50701 22-Jul-92 ug/L Unfiltered	GW50701 22-Jul-92 ug/L Filtered	GW20601 22-Jul-92 ug/L Unfiltered	GW20601 22-Jul-92 ug/L Filtered	GW20701 20-Jul-92 ug/L Unfiltered	GW20701 20-Jul-92 ug/L Filtered	GW50501 20-Jul-92 ug/L Unfiltered	GW50501 20-Jul-92 ug/L Filtered
Aluminum	NE	ND	2520	98.6 B	2680	91.3 B	12200	120 B	556 J	76.5 B	28400 J	95.5 B
Antimony	1.00E+01	ND J	ND J	ND J	ND J	ND J	ND J	41.4 BJ	ND J	ND J	ND J	ND J
Arsenic	5.00E+01	4.8 B	ND J	ND	ND J	ND	86.6 J	52.8	ND J	ND	15.3 J	ND
Barium	5.00E+03	70.2 B	626	656	630	671	300	165 B	747 J	798	R	R
Beryllium	1.00E+00	ND	ND	ND	ND	ND	2.7 B	ND	ND	ND	1.9 B	ND
Cadmium	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	NE	215000	159000	162000	159000	167000	168000 J	186000 J	122000 J	124000	246000 J	128000
Chromium	1.00E+02	ND	6.7 B	ND	ND	ND	38.8	ND	25.7 J	ND	49.6 J	ND
Cobalt	NE	ND	ND	ND	ND	ND	6.9 B	ND	ND	ND	25.4 B	ND
Copper	1.30E+03	ND	5 B	ND	ND	ND	28.8	ND	ND J	ND	60.2 J	ND
Iron	NE	ND	6700	3770	6680	3700	12400	1840	5250 J	4620	49600 J	4710
Lead	5.00E+00	ND J	R	ND J	R	ND J	R	ND J	R	ND J	R	ND J
Magnesium	NE	108000	94400	94600	94700	97100	155000	137000	103000	102000	167000	106000
Manganese	7.00E+03	13.4 B	72.9	17.7	72.4	17.3	215	155	26.9 J	15.6	1040 J	15.6
Mercury	2.00E+00	ND J	ND	R	ND	R	ND	R	ND	R	ND	R
Nickel	1.00E+02	1430	ND	ND	ND	ND	38.8 B	13.5 B	20.1 BJ	ND	64.1 J	ND
Potassium	NE	3130 B	9490	9720	9630	9850	87800	82400	48800 J	50600	R	R
Selenium	5.00E+01	ND J	R	ND J	R	ND J	R	ND J	R	ND J	R	ND J
Silver	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	NE	24500	100000	106000	101000	109000	243000	253000	108000	113000	155000	116000
Thallium	2.00E+00	R	ND J	R	ND J	R	ND J	R	ND J	R	ND J	R
Vanadium	2.45E+02	ND	ND	ND	ND	ND	81	19.4 B	ND	ND	51.2	ND
Zinc	7.00E+03	30.4	16 B	ND	15.9 B	ND	150	ND	23.9 J	8.8 B	117 J	ND
Cyanide	2.00E+02	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA

NOTES:

ND - Indicates the compound was analyzed for but not detected above the IDL.

NE - Not established.

NA - Not analyzed

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

J - Value must be considered as estimated due to quality control exceedances.

R - Value rejected due to quality control exceedances.

S - Value obtained by Method of Standard Additions.

TABLE 4
METALS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary	GW20801	GW20801	GW20901	GW20901	GW50401	GW50401	GW21001	GW21001	GW21101	GW21101	GW21201
Date Sampled	Level of	20-Jul-92	20-Jul-92	17-Jul-92	17-Jul-92	17-Jul-92	17-Jul-92	17-Jul-92	17-Jul-92	13-Jul-92	13-Jul-92	10-Jul-09
Units	Concern	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
Aluminum	NE	17800 J	ND	75100 J	59.2 B	78200 J	67.7 B	4880 J	106 B	3810 J	236	40800 J
Antimony	1.00E+01	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J
Arsenic	5.00E+01	22.3	14.2	34.8 SJ	ND	30.4 J	ND	5.8 B	ND	4.9 BJ	4.2 BJ	23.8 J
Barium	5.00E+03	430	410	541 J	67.9 B	618 J	69.3 B	71.4 B	58 B	305	299	269 J
Beryllium	1.00E+00	1.2 B	ND	4.9 BJ	ND	5.2 J	ND	ND	ND	ND	ND	2.4 BJ
Cadmium	5.00E+00	ND	ND	ND J	ND	ND J	ND	ND	ND	ND	ND	ND J
Calcium	NE	182000	114000 J	477000 J	177000 J	565000 J	182000 J	236000	220000 J	182000	188000	282000 J
Chromium	1.00E+02	56.7 J	ND	116 J	ND	125 J	ND	19.8 J	ND	43.5 J	ND	93.3 J
Cobalt	NE	19.7 B	ND	58.3 J	ND	69.7 J	ND	7.7 B	ND	ND	ND	37.5 BJ
Copper	1.30E+03	30.3	ND	148 J	ND	185 J	ND	27.9	ND	10.2 B	ND	139 J
Iron	NE	47400	20900	116000 J	4250	134000 J	4240	18600	8190	19600	10200	100000 J
Lead	5.00E+00	16.3 J	ND J	116 J	ND J	132 J	ND J	23.6 SJ	ND J	5.0 J	ND J	77.5 J
Magnesium	NE	147000	107000	240000 J	77400	293000 J	79400	119000	109000	76400	78100	127000 J
Manganese	7.00E+03	1200	647 J	2570 J	73 J	3260 J	74.9 J	371	211 J	270	200	1620 J
Mercury	2.00E+00	ND	ND J	ND J	ND J	ND J	ND J	ND	ND J	ND	ND J	ND J
Nickel	1.00E+02	61.9	12 B	143 J	ND	171 J	ND	24.7 B	ND	27.6 B	ND	108 J
Potassium	NE	37100	30700	31300 J	3790 B	29800 J	4030 B	6250	3960 B	13000 J	14200	20500 J
Selenium	5.00E+01	R	ND J	R	ND J	R	ND J	R	ND J	ND J	ND J	ND J
Silver	1.05E+02	ND	ND	ND J	ND	ND J	ND	ND	ND	ND	ND	ND J
Sodium	NE	64100	66600	36700 J	36100	37800 J	36600	48500	49700	70300 J	77400 J	36000 J
Thallium	2.00E+00	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	R
Vanadium	2.45E+02	34.4 B	ND	142 J	ND	149 J	ND	9.6 B	ND	5.6 B	ND	74 J
Zinc	7.00E+03	80.4 J	4.3 B	323 J	ND	371 J	ND	95.8 J	3.8 B	100 J	16.2 B	418 J
Cyanide	2.00E+02	ND	NA	ND J	NA	ND J	NA	ND	NA	ND J	NA	ND

NOTES:

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NE - Not established.

NA - Not analyzed

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J - Value must be considered as estimated due to quality control exceedances.

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TABLE 4
METALS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW21201	GW21301	GW21301	GW21401	GW21401	GW50101	GW50101	GW21501	GW21501	GW21601	GW21601
		10-Jul-99 ug/L Filtered	14-Jul-92 ug/L Unfiltered	14-Jul-92 ug/L Filtered	13-Jul-92 ug/L Unfiltered	13-Jul-92 ug/L Filtered	14-Jul-92 ug/L Unfiltered	14-Jul-92 ug/L Filtered	21-Jul-92 ug/L Unfiltered	21-Jul-92 ug/L Filtered	21-Jul-92 ug/L Unfiltered	21-Jul-92 ug/L Filtered
Aluminum	NE	365	1650 J	67.8 B	5880 J	66.3 B	12600 J	77.4 B	11200	94.6 B	32900 J	79.5 B
Antimony	1.00E+01	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	40.2 BJ	ND J	ND J
Arsenic	5.00E+01	ND	ND S	ND	9.6 B	4.1 B	12.8	ND	R	R	14.1 J	ND
Barium	5.00E+03	181 B	174 B	178 B	225	206	259	208	570	463	275 J	170 B
Beryllium	1.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2 BJ	ND
Cadmium	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND
Calcium	NE	139000	204000	203000 J	162000	127000 J	232000	130000 J	351000	316000	283000 J	187000
Chromium	1.00E+02	ND	37.1 J	ND	22.4 J	ND	49.7 J	ND	58.5	ND	48 J	ND
Cobalt	NE	ND	ND	ND	8.7 B	ND	15.5 B	ND	10.2 B	8.4 B	18.3 BJ	ND
Copper	1.30E+03	ND	4.3 B	ND	17.4 B	ND	38.9	ND	29	ND	59.5 J	ND
Iron	NE	29100	8420	6290	13500	2040	28700 J	1200	15400	1950	51300 J	9350
Lead	5.00E+00	4.2	ND J	ND J	6.7 J	ND J	28.1 SJ	ND J	R	2.2 BJ	R	ND J
Magnesium	NE	41800	86500	85300	92600	74700	128000	76500	143000	119000	130000 J	75300
Manganese	7.00E+03	282	190	152 J	302 J	34.8 J	753 J	35.1 J	379	153	1060 J	138
Mercury	2.00E+00	ND J	ND	ND J	ND	ND J	ND	ND J	ND	R	ND J	R
Nickel	1.00E+02	ND	29.1 B	ND	19.6 B	ND	48.8	ND	92.8	54.4	57.3 J	ND
Potassium	NE	7110	9550	9350	4840 B	2330 B	6210	2190 B	93100	91700	23700 J	11000
Selenium	5.00E+01	ND J	R	ND J	R	ND J	R	ND J	R	ND J	R	ND J
Silver	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND
Sodium	NE	35900	138000	143000	32900	33600	31900	34400	646000	658000	56300 J	58700
Thallium	2.00E+00	R	ND J	ND J	ND J	ND J	ND J	ND J	ND J	R	ND J	R
Vanadium	2.45E+02	ND	ND	ND	10.9 B	ND	21.7 B	ND	17 B	ND	58.1 J	ND
Zinc	7.00E+03	18.7 B	R	ND	R	ND	R	ND	71.8	5.6 B	140 J	7.3 B
Cyanide	2.00E+02	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND J	NA

NOTES:

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NE - Not established.

NA - Not analyzed

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TABLE 4
METALS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary	GW30101	GW30101	GW30201	GW30201	GW30301	GW30301	GW40101	GW40101	GW40201	GW40201	GW40301
Date Sampled	Level of	09-Jul-92	09-Jul-92	08-Jul-92	08-Jul-92	09-Jul-92	09-Jul-92	16-Jul-92	16-Jul-92	16-Jul-92	16-Jul-92	15-Jul-92
Units	Concern	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	ug/L	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
Aluminum	NE	22600	977	2040	134 B	350	114 B	6880 J	59.9 B	8610 J	107 B	93 BJ
Antimony	1.00E+01	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J
Arsenic	5.00E+01	12.5	ND	ND	ND	ND	ND	5.8 B	ND	6.1 BJ	4.1 BJ	ND
Barium	5.00E+03	209	122 B	155 B	170 B	12.2 B	5.3 B	1160	1220	273	250	9.5 B
Beryllium	1.00E+00	1.3 B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	NE	197000	104000	184000	197000	16300	15800	145000	112000 J	227000	191000 J	14200
Chromium	1.00E+02	199	ND	20.2	ND	52.2	ND	27.3 J	ND	37.1 J	ND	20.2 J
Cobalt	NE	19.4 B	ND	ND	ND	ND	ND	9.4 B	ND	7.2 B	ND	ND
Copper	1.30E+03	48.8	ND	5.4 B	ND	15.5 B	ND	17.9 B	ND	25.1	6.4 B	ND
Iron	NE	33300 J	1790	3520 J	757	912 J	295	19500	7470	11500	98.3 B	189 J
Lead	5.00E+00	25.2 SJ	ND	2.7 BJ	ND J	2.2 BJ	ND J	16.3 SJ	ND J	5.3 J	ND J	ND J
Magnesium	NE	116000	68200	99100	104000	10400	10500	100000	81900	89200	73800	8770
Manganese	7.00E+03	830	100	163	91.6	28.2	12 B	299	23.2 J	724	500 J	8.2 B
Mercury	2.00E+00	ND	ND J	ND	ND J	ND	ND J	ND	ND J	ND	ND J	ND
Nickel	1.00E+02	160	14.1 B	20.2 B	15.4 B	39.1 B	19 B	20.2 B	ND	36.5 B	12.8 B	13.4 B
Potassium	NE	12100	3880 B	3350 B	3660 B	2410 BJ	2800 BJ	48900	47400	15700	14600	1660 BJ
Selenium	5.00E+01	ND J	ND J	ND J	ND	ND J	ND	R	ND J	R	ND J	R
Silver	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	NE	22400	22700	121000 J	158000 J	110000	113000	84700	87200	109000	117000	110000
Thallium	2.00E+00	R	R	R	R	R	R	ND J	ND J	ND J	ND J	ND J
Vanadium	2.45E+02	41 B	ND	ND	ND	ND	ND	15 B	ND	19 B	ND	ND
Zinc	7.00E+03	382 J	72.2	44.7 J	3.2 B	184 J	17.8 B	69.1 J	9 B	64.3 J	5.3 B	21.1 J
Cyanide	2.00E+02	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND

NOTES:

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NA - Not analyzed

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TABLE 4
METALS ANALYSES OF
THE FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary	GW40301	GW50201	GW50201	GW40501	GW40501	GW40601	GW40601
Date Sampled	Level of	15-Jul-92	15-Jul-92	15-Jul-92	21-Jul-92	21-Jul-92	21-Jul-92	21-Jul-92
Units	Concern	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	ug/L	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
Aluminum	NE	116 BJ	147 BJ	140 B	14100	104 B	34700	70 B
Antimony	1.00E+01	ND J	ND J	ND J	ND J	ND J	ND J	ND J
Arsenic	5.00E+01	ND	4.2 B	ND	10.3 J	5.1 BJ	22.2 J	ND
Barium	5.00E+03	8.8 B	11.3 B	9.2 B	199 B	138 B	940	890
Beryllium	1.00E+00	ND	ND	ND	ND	ND	2.4 B	ND
Cadmium	5.00E+00	ND	ND	ND	ND	ND	ND	ND
Calcium	NE	13800 J	14100	13700 J	201000	45000	280000	193000
Chromium	1.00E+02	ND	41.7 J	ND	52.6	ND	60.2 J	ND
Cobalt	NE	ND	ND	ND	10.8 B	ND	29.9 B	ND
Copper	1.30E+03	ND	4.7 B	ND	25.8	ND	83.3	ND
Iron	NE	ND	322 J	ND	22800	ND	55900	2060
Lead	5.00E+00	ND J	ND J	ND J	R	2.2 BJ	R	ND J
Magnesium	NE	8640	8600	8510	125000	42900	165000	109000
Manganese	7.00E+03	4.4 B	12.9 B	5.6 B	1130	17.8	1120	80.7
Mercury	2.00E+00	ND J	ND	ND J	ND	R	ND	R
Nickel	1.00E+02	ND	19.8 B	ND	46.1	ND	86.5	ND
Potassium	NE	2020 BJ	1960 B	2130 B	7740	3230 B	33500	23900
Selenium	5.00E+01	ND J	R	ND J	R	ND J	R	ND J
Silver	1.05E+02	ND	ND	ND	ND	ND	ND	ND
Sodium	NE	112000	104000	111000	12800	13300	130000 J	148000 J
Thallium	2.00E+00	ND J	ND J	ND J	ND J	R	ND J	R
Vanadium	2.45E+02	ND	ND	ND	25.5 B	ND	70.9	ND
Zinc	7.00E+03	5.2 B	30.1 J	18.9 B	60.8	ND	177	ND
Cyanide	2.00E+02	NA	ND	NA	ND	NA	ND	NA

NOTES:

ND - Indicates the compound was analyzed for but not detected above the IDL.

NE - Not established.

NA - Not analyzed

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

J - Value must be considered as estimated due to quality control exceedances.

R - Value rejected due to quality control exceedances.

S - Value obtained by Method of Standard Additions.

TABLE 4
METALS ANALYSES OF
THE FIRST ROUND OF LEACHATE SAMPLING

Sample ID	Preliminary Level of Concern ug/L	LW10101 30-Jul-92 ug/L	LW10201 03-Aug-92 ug/L	LW10301 30-Jul-92 ug/L	LW50101 30-Jul-92 ug/L	LW20101 31-Jul-92 ug/L	LW20201 31-Jul-92 ug/L	LW20301 31-Jul-92 ug/L	LW50201 31-Jul-92 ug/L	LW20401 03-Aug-92 ug/L	LW50301 03-Aug-92 ug/L
Date Sampled Units		Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
Aluminum	NE	5000 J	2300 J	1890 J	849 J	5220 J	816 J	19300 J	35500 J	299 J	173 BJ
Antimony	1.00E+01	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J
Arsenic	5.00E+01	9.4 B	4.7 B	9.6 B	5.6 B	10.8	5.3 B	13.5 J	27.6 J	ND	ND
Barium	5.00E+03	423	263	789	633	255	219	393 J	677 J	135 B	139 B
Beryllium	1.00E+00	ND	ND	ND	ND	ND	ND	ND	1.6 B	ND	ND
Cadmium	5.00E+00	8.3	ND	ND	ND	ND	ND	ND	7.1	ND	ND
Calcium	NE	110000	40100	243000	223000	59000	76300	88500	120000	103000	113000
Chromium	1.00E+02	27.5	11.9	11.4	7.1 B	26	15.8	81.2	123	8.7 B	9.2 B
Cobalt	NE	7.1 B	13.9 B	ND	ND	13.8 B	12.3 B	22.4 B	31.5 B	8 B	7.5 B
Copper	1.30E+03	51.7	20.1 B	13.3 B	ND	20 B	6.5 B	105 J	212 J	ND	ND
Iron	NE	41900	13500	41500	35400	33100	128000	72900	110000	53000	56300
Lead	5.00E+00	132 J	119 SJ	34.3 J	33.4 S	178	107	381 J	953 J	27.3 BJ	47.5 J
Magnesium	NE	92200	85400	142000	131000	164000	135000	162000	168000	131000	138000
Manganese	7.00E+03	327 J	205 J	303 J	263 J	251 J	507 J	634 J	1120 J	327 J	347 J
Mercury	2.00E+00	0.93 J	1.60 J	ND	ND	0.41 J	0.38 J	0.90 J	1.80 J	ND	ND
Nickel	1.00E+02	23.1 B	34.2 B	17.4 B	18.1 B	45.4	41.1	83.5	118	22.5 B	25.2 B
Potassium	NE	35500	157000	89100	82400	267000	156000	152000	145000	98500	99300
Selenium	5.00E+01	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J
Silver	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	NE	50500	370000	281000	259000	596000	876000	929000	896000	341000	346000
Thallium	2.00E+00	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J
Vanadium	2.45E+02	7.2 B	ND	ND	ND	9.3 B	ND	28.4 B	49.3 B	ND	ND
Zinc	7.00E+03	347 J	88.5 J	466 J	340 J	359 J	157 J	816 J	1460 J	102 J	123 J
Cyanide	2.00E+02	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	R	ND J

NOTES:

ND - Indicates the compound was analyzed for but not detected above the IDL.

NE - Not established.

NA - Not analyzed

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

J - Value must be considered as estimated due to quality control exceedances.

R - Value rejected due to quality control exceedances.

S - Value obtained by Method of Standard Additions.

TABLE 5
WATER QUALITY ANALYSES
FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled	Preliminary Level of Concern mg/L	GW20101 17-Jul-92	GW20201 23-Jul-92	GW20301 22-Jul-92	GW20401 15-Jul-92	GW20501 22-Jul-92	GW50701 22-Jul-92	GW20601 22-Jul-92	GW20701 20-Jul-92	GW50501 20-Jul-92	GW20801 20-Jul-92	GW20901 17-Jul-92	GW50401 17-Jul-92	GW21001 17-Jul-92
Alkalinity (mg/L)	NE	459	1370	299	476	723	721	1390	1060	1060	895	451	451	492
Boron (mg/L)	NE	0.61	0.37	0.42	0.15	0.44	0.5	40.4	1.2 J	0.56 J	1.1	0.38 J	0.18 J	1.22
BOD (mg/L)	NE	ND	7 J	1 J	ND	7 J	8 J	18 J	7	7 J	13	2	3	2 J
Chloride (mg/L)	NE	337	1210	7	119	223 J	197 J	331	170	183	86	133	135	123
COD (mg/L)	NE	ND J	127 J	ND	76 J	59 J	95 J	208	177 J	69 J	168 J	371 J	396 J	106 J
Chromium, 6+ (mg/L)	NE	ND	ND	ND J	ND	ND J	ND J	ND J	ND	ND	ND	ND	ND	ND
Hardness (mg/L)	NE	785	2100	309	2330	828	834	1100	781	769	967	2170	2130	1120
Nitrate + Nitrite as N (mg/L)	10	ND	0.11	0.11 J	0.35 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ammonia as N (mg/L)	NE	0.48 J	9.92	0.50 J	0.17 J	6.05 J	6.50 J	135 J	58 J	56 J	49.6 J	1.32 J	1.36 J	3.10 J
TDS (mg/L)	NE	1210	2990	372	1200	1090	1080	1990	1140	1150	948	1000	972	1440
TSS (mg/L)	NE	12 J	1080	16	64	144 J	129 J	252 J	34 J	755 J	32 J	3120 J	3260 J	339 J
Sulfate (mg/L)	400	184	93 J	55	382 J	26	25	366	24	26	76	256	261	498
Sulfide (mg/L)	NE	ND J	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND J	1.5 J	ND J
Field pH (Standard Units)	NE	6.91	6.63	7.89	7.06	6.76	6.76	7.1	6.93	6.93	6.72	6.58	6.58	6.5
Field Temperature (Celsius)	NE	13.8	12.1	13.0	12.3	9.0	9.0	9.0	13.3	13.3	15.6	11.0	11.0	10.0
Field Conductivity (umhos/cm)	NE	2000	4810	625	1770	1940	1940	3890	2300	2300	1850	1550	1550	1950
Field Turbidity (NTU)	NE	7	>100	17.5	>100	>100	>100	>100	NM	NM	>100	>100	>100	>100

NOTES:

ND - Parameter was analyzed for but not detected.

NE - Not established.

NM - Not Measured.

J - Indicates an estimated concentration.

GW50701 is a duplicate of GW20501 and GW50401 is a duplicate of GW20901.

TABLE 5
WATER QUALITY ANALYSES
FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled	Preliminary Level of Concern mg/L	GW21101 13-Jul-92	GW21201 10-Jul-09	GW21301 14-Jul-92	GW21401 13-Jul-92	GW50101 14-Jul-92	GW21501 21-Jul-92	GW21601 21-Jul-92	GW30101 09-Jul-92	GW30201 08-Jul-92	GW30301 09-Jul-92	GW40101 16-Jul-92	GW40201 16-Jul-92	GW40301 15-Jul-92
Alkalinity (mg/L)	NE	630	571	554	433	422	2490	647	378	348	126	973	594	119
Boron (mg/L)	NE	0.53	0.38	0.78	0.31	0.32	0.31 J	1.36 J	0.21	0.28	0.93	0.98	3.63	0.91
BOD (mg/L)	NE	16 J	16 J	ND J	1 J	ND J	18 J	1 J	6	1	20	4	2	4
Chloride (mg/L)	NE	176	46	324	139	138	884	126	78	628	26	144	201	24
COD (mg/L)	NE	167	360 J	40	77 J	66 J	354	419	98 J	ND J	32 J	168	184 J	ND J
Chromium, 6+ (mg/L)	NE	ND	ND J	ND	ND	ND	ND	ND	ND	ND J	ND	ND J	ND J	ND
Hardness (mg/L)	NE	824	1510	900	974	928	1830	1490	907	961	86	818	1030	75
Nitrate + Nitrite as N (mg/L)	10	0.06	ND	0.14 J	0.08	0.08	ND	ND	0.07	0.16	0.16	0.06	ND	0.17 J
Ammonia as N (mg/L)	NE	19.9 J	18.3 J	3.03 J	3.54 J	3.19 J	143 J	13.4 J	0.51 J	0.39 J	0.46 J	57.1 J	16.4 J	0.4 J
TDS (mg/L)	NE	1120	614	1380	756	746	3600	1090	584	1210	424	932	1230	380
TSS (mg/L)	NE	686 J	3720 J	90	668 J	532 J	479 J	3210 J	1780 J	193 J	30 J	520 J	839 J	8
Sulfate (mg/L)	400	156	22	227	88	89	29 J	185	80	76	174	10	258	167
Sulfide (mg/L)	NE	7.2 J	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND J	1.9 J	ND
Field pH (Standard Units)	NE	6.51	6.66	6.83	7.30	7.30	6.83	6.54	7.40	6.79	9.02	6.50	6.29	8.16
Field Temperature (Celsius)	NE	15.1	17.8	14.9	13.8	13.8	8.5	8.5	14.2	17.6	12.8	11.0	11.0	12.0
Field Conductivity (umhos/cm)	NE	1847	1240	2190	1290	1290	6000	1750	950	2260	687	1860	1840	670
Field Turbidity (NTU)	NE	>100	>100	47	>100	>100	>100	>100	>100	>100	NM	>100	>100	>100

NOTES:

ND - Parameter was analyzed for but not detected.

NE - Not established.

NM - Not Measured.

J - Indicates an estimated concentration.

GW50101 is a duplicate of GW21401.

TABLE 5
WATER QUALITY ANALYSES
FIRST ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled	Preliminary Level of Concern mg/L	GW50201 15-Jul-92	GW40501 21-Jul-92	GW40601 21-Jul-92
Alkalinity (mg/L)	NE	120	281	1010
Boron (mg/L)	NE	0.88	0.59 J	0.9 J
BOD (mg/L)	NE	4	2 J	3 J
Chloride (mg/L)	NE	25	8	242
COD (mg/L)	NE	21 J	102	296
Chromium, 6+ (mg/L)	NE	ND	ND	ND
Hardness (mg/L)	NE	75	1040	1470
Nitrate+Nitrite as N (mg/L)	10	0.17 J	ND	0.1
Ammonia as N (mg/L)	NE	0.41 J	0.98 J	22.3 J
TDS (mg/L)	NE	388	326	1310
TSS (mg/L)	NE	7	1520 J	1990
Sulfate (mg/L)	400	159	31 J	65
Sulfide (mg/L)	NE	ND	ND	ND
Field pH (Standard Units)	NE	8.16	7.69	6.90
Field Temperature (Celcius)	NE	12.0	14.0	14.1
Field Conductivity (umhos/cm)	NE	670	540	2360
Field Turbidity (NTU)	NE	>100	>100	>100

NOTES:

ND - Parameter was analyzed for but not detected.

NE - Not established.

NM - Not Measured.

J - Indicates an estimated concentration.

GW50201 is a duplicate of GW40301.

TABLE 5
WATER QUALITY ANALYSES
FIRST ROUND OF LEACHATE SAMPLING

Sample ID Date Sampled	Preliminary Level of Concern mg/L	LW10101 30-Jul-92	LW10201 03-Aug-9	LW10301 30-Jul-92	LW50101 30-Jul-92	LW20101 31-Jul-92	LW20201 31-Jul-92	LW20301 31-Jul-92	LW50201 31-Jul-92	LW20401 03-Aug-92	LW50301 03-Aug-92
Alkalinity (mg/L)	NE	1180	2000	2070 J	1660 J	2940	2660	2730	2770	2200	2110
Boron (mg/L)	NE	1.13	2.51	1.66	1.61	3.09	2.38	2.74 J	1.2 J	2.27	2.58
BOD (mg/L)	NE	20 J	26 J	122 J	118 J	42 J	297 J	44 J	26 J	102 J	88 J
Chloride (mg/L)	NE	90	649	451	454	1090	1280	1170	1160	350	340
COD (mg/L)	NE	208	1560	483	456	743	834	899	938	456 J	1710 J
Chromium, 6+ (mg/L)	NE	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J
Hardness (mg/L)	NE	654	442	1220	1220	933	721	932	932	760	761
Nitrate + Nitrite as N (mg/L)	10	0.09	ND J	0.09	0.07	ND J	ND J	ND J	ND J	ND N	ND J
Ammonia as N (mg/L)	NE	102	19.8	317	345	272	346	264 J	209 J	137 J	172 J
TDS (mg/L)	NE	788	1860	2160	2160	3230	3470	3390	3430	1800	1780
TSS (mg/L)	NE	415	194 J	243 J	217 J	448	332	962	900	120 J	150 J
TOC (mg/L)		4.36	100	1.31	141	224	218	205	218	129	134
Sulfate (mg/L)	400	11 J	17 J	38 J	43 J	23 J	21 J	20 J	20 J	18 J	19 J
Sulfide (mg/L)	NE	ND J	1.9 J	1.4 J	2.7 J	2.2 J	ND J	ND J	ND	ND J	ND
Field pH (Standard Units)	NE	6.86	6.82	6.75	6.75	6.82	6.68	6.89	6.89	6.83	6.83
Field Temperature (Celsius)	NE	12	12.3	14.5	14.5	12.5	12.5	11.5	11.5	11.5	11.5
Field Conductivity (umhos/cm)	NE	2450	5480	4740	4740	7830	7910	8000	8000	4600	4600

NOTES:

ND - Parameter was analyzed for but not detected.

NE - Not established.

J - Indicates an estimated concentration.

N - Recovery limits for the matrix spike analysis were exceeded.

(83230709.wq1/djf)

TABLE 6
VOLATILE ORGANICS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW10102 05-Nov-92 ug/L	GW10202 05-Nov-92 ug/L	GW10302 05-Nov-92 ug/L	GW10402 05-Nov-92 ug/L	GW10502 04-Nov-92 ug/L	GW50202 04-Nov-92 ug/L	GW10602 04-Nov-92 ug/L	GW10702 04-Nov-92 ug/L	GW10802 04-Nov-92 ug/L	GW10902 04-Nov-92 ug/L	GW11002 04-Nov-92 ug/L
Chloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	4.90E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	3.50E+03	56 J	ND	R	R	ND	ND	ND	ND	R	ND	ND
Carbon disulfide	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	7.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethene (total)	1.70E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.74E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-dichloropropene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethylchloromethane	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	1.05E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1.75E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	2.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	1.00E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

B - Indicates the analyte was found in the associated blank as well as in the sample.

R - Value rejected due to quality control exceedances.

NE - Not established.

GW50202 is a duplicate of GW10502.

TABLE 6
VOLATILE ORGANICS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW11102 04-Nov-92 ug/L	GW20102 04-Nov-92 ug/L	GW20202 04-Nov-92 ug/L	GW20302 06-Nov-92 ug/L	GW50402 06-Nov-92 ug/L	GW20402 04-Nov-92 ug/L	GW20502 06-Nov-92 ug/L	GW20602 06-Nov-92 ug/L	GW20702 05-Nov-92 ug/L	GW20802 05-Nov-92 ug/L	GW20902 05-Nov-92 ug/L
Chloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	4.90E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	3.50E+03	ND	ND	ND	20 J	38 J	ND	ND	ND	R	R	ND
Carbon disulfide	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	7.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethene (total)	1.70E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	3 J	ND
Chloroform	5.74E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-dichloropropene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethylchloromethane	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	3 J	ND
Trans-1,3-dichloropropene	1.05E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	1.75E+03	ND	ND	ND	ND	ND	ND	ND	8 J	ND	ND	ND
2-hexanone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1.75E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	2.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	8	ND
Ethylbenzene	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	1.00E+04	ND	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

B - Indicates the analyte was found in the associated blank as well as in the sample.

R - Value rejected due to quality control exceedances.

NE - Not established.

GW50402 is a duplicate of GW20302.

TABLE 6
VOLATILE ORGANICS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW50302 05-Nov-92 ug/L	GW21002 05-Nov-92 ug/L	GW21102 03-Nov-92 ug/L	GW50102 03-Nov-92 ug/L	GW21202 03-Nov-92 ug/L	GW21302 04-Nov-92 ug/L	GW21402 04-Nov-92 ug/L	GW21502 05-Nov-92 ug/L	GW21602 06-Nov-92 ug/L	GW30102 03-Nov-92 ug/L	GW30202 03-Nov-92 ug/L
Chloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	4.90E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	3.50E+03	460 BJ	320 BJ	ND	ND	ND	R	ND	R	33 J	ND	ND
Carbon disulfide	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	7.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethene (total)	1.70E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.74E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-dichloropropene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethylchloromethane	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.00E+00	ND	ND	1 J	ND	20	ND	ND	3 J	ND	ND	ND
Trans-1,3-dichloropropene	1.05E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1.75E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	2.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.00E+02	ND	ND	ND	ND	1 J	ND	ND	ND	ND	ND	ND
Ethylbenzene	7.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	1.00E+04	ND	ND	ND	ND	7	ND	ND	2 J	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

B - Indicates the analyte was found in the associated blank as well as in the sample.

R - Value rejected due to quality control exceedances.

NE - Not established.

GW50302 is a duplicate of GW20902 and GW50102 is a duplicate of GW21102.

TABLE 6
VOLATILE ORGANICS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW30302 ug/L	GW40102 06-Nov-92 ug/L	GW40202 06-Nov-92 ug/L	GW40302 ug/L	GW40502 06-Nov-92 ug/L	GW40602 06-Nov-92 ug/L
Chloromethane	NE	Not	ND	ND	Not	ND	ND
Bromomethane	4.90E+01	Sampled	ND	ND	Sampled	ND	ND
Vinyl Chloride	2.00E+00	See	ND	ND	See	ND	ND
Chloroethane	NE	Work	ND	ND	Work	ND	ND
Methylene Chloride	5.00E+00	Plan	ND	ND	Plan	ND	ND
Acetone	3.50E+03		52 J	ND		ND	ND
Carbon disulfide	3.50E+03		ND	ND		ND	ND
1,1-dichloroethene	7.00E+00		ND	ND		ND	ND
1,1-dichloroethane	NE		ND	ND		ND	ND
1,2-dichloroethene (total)	1.70E+02		ND	ND		ND	ND
Chloroform	5.74E+00		ND	ND		ND	ND
1,2-dichloroethane	5.00E+00		ND	ND		ND	ND
2-butanone	1.75E+03		ND	ND		ND	ND
1,1,1-trichloroethane	2.00E+02		ND	ND		ND	ND
Carbon tetrachloride	5.00E+00		ND	ND		ND	ND
Vinyl acetate	NE		ND	ND		ND	ND
Bromodichloromethane	NE		ND	ND		ND	ND
1,2-dichloropropane	5.00E+00		ND	ND		ND	ND
Cis-1,3-dichloropropene	NE		ND	ND		ND	ND
Trichloroethene	5.00E+00		ND	ND		ND	ND
Dibromomethylchloromethane	7.00E+02		ND	ND		ND	ND
1,1,2-trichloroethane	5.00E+00		ND	ND		ND	ND
Benzene	5.00E+00		ND	1 J		ND	ND
Trans-1,3-dichloropropene	1.05E+01		ND	ND		ND	ND
Bromoform	7.00E+02		ND	ND		ND	ND
4-methyl-2-pentanone	1.75E+03		ND	ND		ND	ND
2-hexanone	NE		ND	ND		ND	ND
Tetrachloroethene	5.00E+00		ND	ND		ND	ND
1,1,2,2-tetrachloroethane	1.75E-01		ND	ND		ND	ND
Toluene	2.00E+03		ND	ND		ND	ND
Chlorobenzene	1.00E+02		ND	ND		ND	ND
Ethylbenzene	7.00E+02		ND	ND		ND	ND
Styrene	1.00E+02		ND	ND		ND	ND
Xylenes (total)	1.00E+04		ND	ND		ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

B - Indicates the analyte was found in the associated blank as well as in the sample.

R - Value rejected due to quality control exceedances.

NE - Not established.

TABLE 7
SEMIVOLATILE ORGANIC ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW10102 05-Nov-92 ug/L	GW10202 05-Nov-92 ug/L	GW10302 05-Nov-92 ug/L	GW10402 05-Nov-92 ug/L	GW10502 04-Nov-92 ug/L	GW50202 04-Nov-92 ug/L	GW10602 04-Nov-92 ug/L	GW10702 04-Nov-92 ug/L	GW10802 05-Nov-92 ug/L	GW10902 04-Nov-92 ug/L	GW11002 04-Nov-92 ug/L
Phenol	2.10E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	3.18E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.75E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	6.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7.50E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3.15E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	ND	ND J	ND J	ND	ND	ND	ND	ND	ND J	ND	ND
4-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitroso-di-n-propylamine	5.00E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	2.50E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.75E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid	1.40E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	9.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	4.49E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	ND	ND J	ND J	ND	ND	ND	ND	ND	ND J	ND	ND
Dimethyl Phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	7.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	2.80E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 7
SEMIVOLATILE ORGANIC ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW10102 05-Nov-92 ug/L	GW10202 05-Nov-92 * ug/L	GW10302 05-Nov-92 ug/L	GW10402 05-Nov-92 ug/L	GW10502 04-Nov-92 ug/L	GW50202 04-Nov-92 ug/L	GW10602 04-Nov-92 ug/L	GW10702 04-Nov-92 ug/L	GW10802 05-Nov-92 ug/L	GW10902 04-Nov-92 ug/L	GW11002 04-Nov-92 ug/L
4-Chlorophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-Methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	7.14E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	1.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	3.50E+02	2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	7.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	4.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	2.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	3.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates that the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value rejected due to quality control exceedances.

NE - Not established.

B - Indicates the analyte was found in the associated blank as well as the sample.

GW50202 is a duplicate of GW10502.

TABLE 7
SEMIVOLATILE ORGANIC ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW11102 04-Nov-92 ug/L	GW20102 04-Nov-92 ug/L	GW20202 04-Nov-92 ug/L	GW20302 06-Nov-92 ug/L	GW50402 06-Nov-92 ug/L	GW20402 06-Nov-92 ug/L	GW20502 06-Nov-92 ug/L	GW20602 06-Nov-92 ug/L	GW20702 05-Nov-92 ug/L	GW20802 05-Nov-92 ug/L	GW20902 05-Nov-92 ug/L
Phenol	2.10E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	3.18E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.75E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	6.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7.50E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3.15E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND
4-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitroso-di-n-propylamine	5.00E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	2.50E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.75E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid	1.40E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	9.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	4.49E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND	ND
Dimethyl Phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	7.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	2.80E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 7
SEMIVOLATILE ORGANIC ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW11102 04-Nov-92 ug/L	GW20102 04-Nov-92 ug/L	GW20202 04-Nov-92 ug/L	GW20302 06-Nov-92 ug/L	GW50402 06-Nov-92 ug/L	GW20402 10-Nov-92 ug/L	GW20502 06-Nov-92 ug/L	GW20602 06-Nov-92 ug/L	GW20702 05-Nov-92 ug/L	GW20802 05-Nov-92 ug/L	GW20902 05-Nov-92 ug/L
4-Chlorophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-Methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	7.14E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	1.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	3.50E+02	ND	ND	ND	ND	11	2J	7J	ND	ND	ND	8J
Fluoranthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	7.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	4.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	2.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	3.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates that the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value rejected due to quality control exceedances.

NE - Not established.

B - Indicates the analyte was found in the associated blank as well as the sample.

GW50402 is a duplicate of GW20302.

TABLE 7
SEMIVOLATILE ORGANIC ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW50302 05-Nov-92 ug/L	GW21002 05-Nov-92 ug/L	GW21102 03-Nov-92 ug/L	GW50102 03-Nov-92 ug/L	GW21202 03-Nov-92 ug/L	GW21302 04-Nov-92 ug/L	GW21402 04-Nov-92 ug/L	GW21502 06-Nov-92 ug/L	GW21602 06-Nov-92 ug/L	GW30102 03-Nov-92 ug/L	GW30202 03-Nov-92 ug/L
Phenol	2.10E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	3.18E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1.75E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	6.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7.50E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3.15E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND
4-Methylphenol	1.75E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitroso-di-n-propylamine	5.00E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	2.50E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.75E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid	1.40E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1.05E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	9.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	1.40E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	4.49E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	3.50E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND J	ND	ND	ND
Dimethyl Phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	7.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	2.80E+04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 7
SEMIVOLATILE ORGANIC ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW50302 05-Nov-92 ug/L	GW21002 05-Nov-92 ug/L	GW21102 03-Nov-92 ug/L	GW50102 03-Nov-92 ug/L	GW21202 03-Nov-92 ug/L	GW21302 04-Nov-92 ug/L	GW21402 04-Nov-92 ug/L	GW21502 06-Nov-92 ug/L	GW21602 06-Nov-92 ug/L	GW30102 03-Nov-92 ug/L	GW30202 03-Nov-92 ug/L
4-Chlorophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-Methylphenol	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	7.14E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	1.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	2.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	3.50E+02	ND	ND	ND	ND	ND	ND	ND	4 J	4 J	ND	ND
Fluoranthene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	7.00E+03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	4.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	2.00E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	3.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates that the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value rejected due to quality control exceedances.

NE - Not established.

B - Indicates the analyte was found in the associated blank as well as the sample.

GW50302 is a duplicate of GW20902 and GW50102 is a duplicate of GW21102.

TABLE 7
SEMIVOLATILE ORGANIC ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW30302 ug/L	GW40102 06-Nov-92 ug/L	GW40202 06-Nov-92 ug/L	GW40302 ug/L	GW40502 06-Nov-92 ug/L	GW40602 06-Nov-92 ug/L
Phenol	2.10E+04	Not	ND	ND	Not	ND	ND
Bis(2-chloroethyl)ether	3.18E-02	Sampled	ND	ND	Sampled	ND	ND
2-Chlorophenol	1.75E+02	See	ND	ND	See	ND	ND
1,3-Dichlorobenzene	6.00E+02	Work	ND	ND	Work	ND	ND
1,4-Dichlorobenzene	7.50E+01	Plan	ND	ND	Plan	ND	ND
Benzyl Alcohol	NE		ND	ND		ND	ND
1,2-Dichlorobenzene	3.15E+03		ND	ND		ND	ND
2-Methylphenol	1.75E+03		ND	ND		ND	ND
Bis(2-chloroisopropyl)ether	NE		ND	ND		ND J	ND J
4-Methylphenol	1.75E+03		ND	ND		ND	ND
N-nitroso-di-n-propylamine	5.00E-03		ND	ND		ND	ND
Hexachloroethane	2.50E+00		ND	ND		ND	ND
Nitrobenzene	1.75E+01		ND	ND		ND	ND
Isophorone	NE		ND	ND		ND	ND
2-Nitrophenol	NE		ND	ND		ND	ND
2,4-Dimethylphenol	NE		ND	ND		ND	ND
Benzoic Acid	1.40E+05		ND	ND		ND	ND
Bis(2-chloroethoxy)methane	NE		ND	ND		ND	ND
2,4-Dichlorophenol	1.05E+02		ND	ND		ND	ND
1,2,4-Trichlorobenzene	9.00E+00		ND	ND		ND	ND
Naphthalene	1.40E+02		ND	ND		ND	ND
4-Chloroaniline	1.40E+02		ND	ND		ND	ND
Hexachlorobutadiene	4.49E-01		ND	ND		ND	ND
4-Chloro-3-methylphenol	NE		ND	ND		ND	ND
2-Methylnaphthalene	NE		ND	ND		ND	ND
Hexachlorocyclopentadiene	5.00E+01		ND	ND		ND	ND
2,4,6-Trichlorophenol	NE		ND	ND		ND	ND
2,4,5-Trichlorophenol	3.50E+03		ND	ND		ND	ND
2-Chloronaphthalene	NE		ND	ND		ND	ND
2-Nitroaniline	NE		ND	ND		ND J	ND J
Dimethyl Phthalate	NE		ND	ND		ND	ND
Acenaphthylene	NE		ND	ND		ND	ND
2,6-Dinitrotoluene	NE		ND	ND		ND	ND
3-Nitroaniline	NE		ND	ND		ND	ND
Acenaphthene	NE		ND	ND		ND	ND
2,4-Dinitrophenol	7.00E+01		ND	ND		ND	ND
4-Nitrophenol	NE		ND	ND		ND	ND
Dibenzofuran	NE		ND	ND		ND	ND
2,4-Dinitrotoluene	NE		ND	ND		ND	ND
Diethylphthalate	2.80E+04		ND	ND		ND	ND

TABLE 7
SEMIVOLATILE ORGANIC ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW30302 ug/L	GW40102 06-Nov-92 ug/L	GW40202 06-Nov-92 ug/L	GW40302 ug/L	GW40502 06-Nov-92 ug/L	GW40602 06-Nov-92 ug/L
4-Chlorophenyl-phenylether	NE	Not	ND	ND	Not	ND	ND
Fluorene	NE	Sampled	ND	ND	Sampled	ND	ND
4-Nitroaniline	NE	See	ND	ND	See	ND	ND
4,6-Dinitro-2-Methylphenol	NE	Work	ND	ND	Work	ND	ND
N-Nitrosodiphenylamine	7.14E+00	Plan	ND	ND	Plan	ND	ND
4-Bromophenyl-phenylether	NE		ND	ND		ND	ND
Hexachlorobenzene	1.00E+00		ND	ND		ND	ND
Pentachlorophenol	2.00E+02		ND	ND		ND	ND
Phenanthrene	NE		ND	ND		ND	ND
Anthracene	NE		ND	ND		ND	ND
Di-n-butylphthalate	3.50E+02		8 J	6 J		ND	3 J
Fluoranthene	NE		ND	ND		ND	ND
Pyrene	NE		ND	ND		ND	ND
Butylbenzylphthalate	7.00E+03		ND	ND		ND	ND
3,3-Dichlorobenzidine	NE		ND	ND		ND	ND
Benzo(a)anthracene	1.00E-01		ND	ND		ND	ND
Chrysene	2.00E-01		ND	ND		ND	ND
Bis(2-ethylhexyl)phthalate	4.00E+00		ND	ND		ND	ND
Di-n-octyl phthalate	NE		ND	ND		ND	ND
Benzo(b)fluoranthene	2.00E+01		ND	ND		ND	ND
Benzo(k)fluoranthene	2.00E-01		ND	ND		ND	ND
Benzo(a)pyrene	2.00E-01		ND	ND		ND	ND
Indeno(1,2,3-cd)pyrene	4.00E-01		ND	ND		ND	ND
Dibenzo(a,h)anthracene	3.00E-01		ND	ND		ND	ND
Benzo(g,h,i)perylene	NE		ND	ND		ND	ND

NOTES:

ND - Indicates that the compound was analyzed for but not detected.

J - Indicates an estimated concentration.

R - Value rejected due to quality control exceedances.

NE - Not established.

B - Indicates the analyte was found in the associated blank as well as the sample.

TABLE 8
PESTICIDE AND PCB ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW10102 05-Nov-92 ug/L	GW10202 05-Nov-92 ug/L	GW10302 05-Nov-92 ug/L	GW10402 05-Nov-92 ug/L	GW10502 04-Nov-92 ug/L	GW50202 04-Nov-92 ug/L	GW10602 04-Nov-92 ug/L	GW10702 04-Nov-92 ug/L	GW10802 05-Nov-92 ug/L	GW10902 04-Nov-92 ug/L	GW11002 04-Nov-92 ug/L
Alpha-BHC	5.56E-03	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Beta-BHC	1.94E-02	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Delta-BHC	2.00E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Gamma-BHC	1.17E+02	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Heptachlor	4.00E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Aldrin	2.06E-03	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Heptachlor Epoxide	2.00E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Endosulfan I	1.75E+00	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Dieldrin	2.19E-03	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
4,4'-DDE	1.03E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Endrin	2.00E+00	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Endosulfan II	1.75E+00	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
4,4'-DDD	1.46E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Endosulfan Sulfate	1.75E+00	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
4,4'-DDT	1.03E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
p,p'-Methoxychlor	4.00E+02	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Endrin Ketone	NE	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Alpha-Chlordane	2.00E+00	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Gamma-Chlordane	2.00E+00	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Toxaphene	5.00E+00	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Aroclor-1016	5.00E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Aroclor-1221	5.00E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Aroclor-1232	5.00E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Aroclor-1242	5.00E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Aroclor-1248	5.00E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Aroclor-1254	5.00E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND
Aroclor-1260	5.00E-01	ND	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

C - Indicates the identification of the compound has been confirmed by GC/MS.

R - Value rejected due to quality control exceedances.

J - Value must be considered as estimated due to quality control exceedances.

NE - Not established.

GW50202 is a duplicate of GW10502.

TABLE 8
PESTICIDE AND PCB ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW11102 04-Nov-92 ug/L	GW20102 04-Nov-92 ug/L	GW20202 04-Nov-92 ug/L	GW20302 06-Nov-92 ug/L	GW50402 06-Nov-92 ug/L	GW20402 10-Nov-92 ug/L	GW20502 06-Nov-92 ug/L	GW20602 06-Nov-92 ug/L	GW20702 05-Nov-92 ug/L	GW20802 05-Nov-92 ug/L	GW20902 05-Nov-92 ug/L
Alpha-BHC	5.56E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Beta-BHC	1.94E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Delta-BHC	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Gamma-BHC	1.17E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Heptachlor	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Aldrin	2.06E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Heptachlor Epoxide	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Endosulfan I	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Dieldrin	2.19E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
4,4'-DDE	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Endrin	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Endosulfan II	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
4,4'-DDD	1.46E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Endosulfan Sulfate	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
4,4'-DDT	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
p,p'-Methoxychlor	4.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Endrin Ketone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Alpha-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Gamma-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Toxaphene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Aroclor-1016	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Aroclor-1221	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Aroclor-1232	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Aroclor-1242	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Aroclor-1248	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Aroclor-1254	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R
Aroclor-1260	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	R	R

NOTES:

ND - Indicates the compound was analyzed for but not detected.

C - Indicates the identification of the compound has been confirmed by GC/MS.

R - Value rejected due to quality control exceedances.

J - Value must be considered as estimated due to quality control exceedances.

NE - Not established.

GW50402 is a duplicate of GW20302.

TABLE 8
PESTICIDE AND PCB ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW50302 05-Nov-92 ug/L	GW21002 05-Nov-92 ug/L	GW21102 03-Nov-92 ug/L	GW50102 03-Nov-92 ug/L	GW21202 03-Nov-92 ug/L	GW21302 04-Nov-92 ug/L	GW21402 04-Nov-92 ug/L	GW21502 06-Nov-92 ug/L	GW21602 06-Nov-92 ug/L	GW30102 03-Nov-92 ug/L	GW30202 03-Nov-92 ug/L
Alpha-BHC	5.56E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	1.94E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	1.17E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	4.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	2.06E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	2.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	2.19E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	1.46E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	1.75E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	1.03E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p'-Methoxychlor	4.00E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Ketone	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-Chlordane	2.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1016	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	5.00E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

C - Indicates the identification of the compound has been confirmed by GC/MS.

R - Value rejected due to quality control exceedances.

J - Value must be considered as estimated due to quality control exceedances.

NE - Not established.

GW50302 is a duplicate of GW20902 and GW50102 is a duplicate of GW21102.

TABLE 8
PESTICIDE AND PCB ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW30302 ug/L	GW40102 06-Nov-92 ug/L	GW40202 06-Nov-92 ug/L	GW40302 ug/L	GW40502 06-Nov-92 ug/L	GW40602 06-Nov-92 ug/L
Alpha-BHC	5.56E-03	Not	ND	ND	Not	ND	ND
Beta-BHC	1.94E-02	Sampled	ND	ND	Sampled	ND	ND
Delta-BHC	2.00E-01	See	ND	ND	See	ND	ND
Gamma-BHC	1.17E+02	Work	ND	ND	Work	ND	ND
Heptachlor	4.00E-01	Plan	ND	ND	Plan	ND	ND
Aldrin	2.06E-03		ND	ND		ND	ND
Heptachlor Epoxide	2.00E-01		ND	ND		ND	ND
Endosulfan I	1.75E+00		ND	ND		ND	ND
Dieldrin	2.19E-03		ND	ND		ND	ND
4,4'-DDE	1.03E-01		ND	ND		ND	ND
Endrin	2.00E+00		ND	ND		ND	ND
Endosulfan II	1.75E+00		ND	ND		ND	ND
4,4'-DDD	1.46E-01		ND	ND		ND	ND
Endosulfan Sulfate	1.75E+00		ND	ND		ND	ND
4,4'-DDT	1.03E-01		ND	ND		ND	ND
p,p'-Methoxychlor	4.00E+02		ND	ND		ND	ND
Endrin Ketone	NE		ND	ND		ND	ND
Alpha-Chlordane	2.00E+00		ND	ND		ND	ND
Gamma-Chlordane	2.00E+00		ND	ND		ND	ND
Toxaphene	5.00E+00		ND	ND		ND	ND
Aroclor-1016	5.00E-01		ND	ND		ND	ND
Aroclor-1221	5.00E-01		ND	ND		ND	ND
Aroclor-1232	5.00E-01		ND	ND		ND	ND
Aroclor-1242	5.00E-01		ND	ND		ND	ND
Aroclor-1248	5.00E-01		ND	ND		ND	ND
Aroclor-1254	5.00E-01		ND	ND		ND	ND
Aroclor-1260	5.00E-01		ND	ND		ND	ND

NOTES:

ND - Indicates the compound was analyzed for but not detected.

R - Value rejected due to quality control exceedances.

I - Value must be considered as estimated due to quality control exceedances.

C - Indicates the identification of the compound has been confirmed by GC/MS.

NE - Not established.

TABLE 9
METALS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary	GW10102	GW10102	GW10202	GW10202	GW10302	GW10302	GW10402	GW10402	GW10502	GW10502	GW50202
Date Sampled	Level of	05-Nov-92	05-Nov-92	05-Nov-92	05-Nov-92	05-Nov-92	05-Nov-92	05-Nov-92	05-Nov-92	04-Nov-92	04-Nov-92	04-Nov-92
Units	Concern	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	ug/L	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
Aluminum	NE	201	Turbidity	3770	Turbidity	266	Turbidity	509	157 B	204	Turbidity	142 B
Antimony	1.00E+01	ND	was	ND	was	ND	was	ND	ND	ND	was	ND
Arsenic	2.06E-02	ND	less	ND	less	ND	less	R	R	ND	less	ND
Barium	5.00E+03	50.4 B	than	94.4 B	than	60.9 B	than	775 J	868 J	94 B	than	88 B
Beryllium	1.00E+00	ND	20 NTU	ND	20 NTU	ND	20 NTU	ND	ND	ND	20 NTU	ND
Cadmium	5.00E+00	ND	(1 NTU).	ND	(2 NTU).	ND	(1 NTU).	ND	ND	ND	(1 NTU).	ND
Calcium	NE	128000	A filtered	252000	A filtered	151000	A filtered	63700	59400	110000	A filtered	103000
Chromium	1.00E+02	ND	sample	13.5	sample	32.4	sample	23.2	ND	11.6 J	sample	ND J
Cobalt	NE	R	was	ND	was	ND	was	11.4 B	11.5 B	ND	was	ND
Copper	1.30E+03	ND	not	R	not	ND	not	R	ND	5.2 B	not	6.4 B
Iron	NE	1110	taken.	25900	taken.	4520 J	taken.	6750	5590 J	2320 J	taken.	1480 J
Lead	5.00E+00	ND J		7.5 SJ		ND J		ND J	ND J	2.1 BJ		ND J
Magnesium	NE	72800		71200		78900		84900	86900	78500		73000
Manganese	7.00E+03	75.7		564		44.2		110	60.1	40.5		39.3
Mercury	2.00E+00	ND		ND		ND J		ND	ND J	R		ND J
Nickel	1.00E+02	ND J		ND J		19.4 B		ND J	ND	14.2 B		19.8 B
Potassium	NE	5580		6750		10600		105000 J	116000 J	11300		11200
Selenium	5.00E+01	ND J		ND J		ND J		ND J	ND J	ND J		ND J
Silver	1.05E+02	NA		NA		NA		NA	NA	NA		NA
Sodium	NE	91300		234000		135000		322000 J	359000 J	88000		88900
Thallium	2.00E+00	NA		NA		NA		NA	NA	NA		NA
Vanadium	2.45E+02	ND		ND		ND		ND	ND	ND		ND
Zinc	7.00E+03	8.8 B		35.1		3.6 B		13.7 B	ND	9.6 B		13.8 B
Cyanide	2.00E+02	ND		ND		ND		ND	ND	ND		ND

NOTES:

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

S - Indicates CLP linearity guidelines cannot be achieved after two separate determinations.

J - Indicates an estimated concentration.

ND - Indicates the compound was analyzed for but not detected.

NE - Not established.

NA - Not analyzed

* - Indicates a non-homogenous sample matrix in regard to the flagged analyte. This is normally the consequence of a degree of container and/or sediment content variation in aqueous samples.

GW50202 is a duplicate of GW10502.

TABLE 9
METALS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary	GW50202	GW10602	GW10602	GW10702	GW10702	GW10802	GW10802	GW10902	GW10902	GW11002	GW11002
Date Sampled	Level of	04-Nov-92	04-Nov-92	04-Nov-92	04-Nov-92	04-Nov-92	05-Nov-92	05-Nov-92	04-Nov-92	04-Nov-92	04-Nov-92	04-Nov-92
Units	Concern	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
Aluminum	NE	Turbidity	26400	127 B	29800	121 B	1010	155 B	390	Turbidity	21700	112 B
Antimony	1.00E+01	was	ND	ND	ND	ND	ND	ND	ND	was	ND	ND
Arsenic	2.06E-02	less	20.8	ND	10.5	ND J	ND	ND	ND	less	24	ND
Barium	5.00E+03	than	239	88.5 B	143 B	76.4 B	66.4 B	65.9 B	74.2 B	than	179 B	87.5 B
Beryllium	1.00E+00	20 NTU	1.6 B	ND	1.8 B	ND	ND	ND	ND	20 NTU	1.6 B	ND
Cadmium	5.00E+00	(1 NTU).	ND	ND	ND	ND	ND	ND	ND	(1 NTU).	ND	ND
Calcium	NE	A filtered	203000	122000	168000	93900	83500	88200	119000	A filtered	292000	152000
Chromium	1.00E+02	sample	56.6	ND	65.3	ND	ND	ND	ND	sample	47.1	ND
Cobalt	NE	was	25.4 B	ND	20.4 B	ND	ND	ND	ND	was	24.4 B	ND
Copper	1.30E+03	not	66.4	ND	46.5	ND	R	ND	ND	not	63.3	ND
Iron	NE	taken.	63400 J	8640 J	44400 J	4770 J	2890	1660 J	2990 J	taken.	49800 J	3620 J
Lead	5.00E+00		34.2 J	ND J	ND J	ND J	ND J	ND J	ND J		61.4 +J	ND J
Magnesium	NE		88600	41000	73300	29900	50100	53300	107000		195000	115000
Manganese	7.00E+03		967	176	862	179	82.4	63	56.1		1360	40.9
Mercury	2.00E+00		R	ND J	R	ND J	ND	ND J	ND J		R	ND J
Nickel	1.00E+02		69.7	ND	59.6	ND	ND J	ND	ND		62.3	ND
Potassium	NE		11500	2450 B	20800	9030	R	R	3810 B		18400	9870
Selenium	5.00E+01		ND J	ND J	ND J	ND J	ND J	ND J	ND J		ND J	ND J
Silver	1.05E+02		NA	NA	NA	NA	NA	NA	NA		NA	NA
Sodium	NE		34600	35300	26700	25500	22700 J	25400 J	78000		181000	185000
Thallium	2.00E+00		NA	NA	NA	NA	NA	NA	NA		NA	NA
Vanadium	2.45E+02		54.2 J	ND	61 J	ND	ND	ND	ND		43.6 BJ	ND
Zinc	7.00E+03		171	ND	108	ND	15.8 B	ND	3.5 B		113	3 B
Cyanide	2.00E+02		ND		ND		ND		ND		ND	

NOTES:

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

S - Indicates CLP linearity guidelines cannot be achieved after two separate determinations.

J - Indicates an estimated concentration.

ND - Indicates the compound was analyzed for but not detected.

NE - Not established.

NA - Not analyzed

* - Indicates a non-homogenous sample matrix in regard to the flagged analyte. This is normally the consequence of a degree of container and/or sediment content variation in aqueous samples.

GW50202 is a duplicate of GW10502.

TABLE 9
METALS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary	GW11102	GW11102	GW20102	GW20102	GW20202	GW20202	GW20302	GW20302	GW50402	GW50402	GW20402
Date Sampled	Level of	04-Nov-92	04-Nov-92	04-Nov-92	04-Nov-92	04-Nov-92	05-Nov-92	05-Nov-92	06-Nov-92	06-Nov-92	06-Nov-92	13-Nov-92
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
Aluminum	NE	11300	121 B	168 B	104 B	1640	125 B	157 B	Turbidity	178 B	Turbidity	3970
Antimony	1.00E+01	ND	ND	ND	ND	ND	ND	ND	was	ND	was	ND
Arsenic	2.06E-02	10.6 S	ND	ND	ND	12.8	7.7 B	ND	less	ND	less	4.1 BJ
Barium	5.00E+03	258	229	255	262	581	626	121 B	than	123 B	than	80.9 B
Beryllium	1.00E+00	ND	ND	ND	ND	ND	ND	ND	20 NTU	ND	20 NTU	ND
Cadmium	5.00E+00	ND	ND	ND	ND	ND	ND	ND	(14 NTU).	ND	(14 NTU).	ND
Calcium	NE	192000	145000	183000	191000	333000	365000	42300	A filtered	42100	A filtered	229000
Chromium	1.00E+02	40.4	ND	53.7	ND	215	ND	ND	sample	ND	sample	14.3
Cobalt	NE	9.7 B	ND	ND	ND	13 B	ND	ND	was	ND	was	ND
Copper	1.30E+03	25.3	ND	ND	ND	R	ND	R	not	R	not	6 B
Iron	NE	26200 J	6620 J	4900 J	4490 J	5220	1540 J	105 J	taken.	229 J	taken.	2020
Lead	5.00E+00	16.3 J	ND J	ND J	ND J	3.3 J	ND J	ND J		ND J		ND J
Magnesium	NE	110000	83000	76200	78100	231000	248000	41300		41600		113000
Manganese	7.00E+03	610	148	157	157	351	290	17.7		18.2		113
Mercury	2.00E+00	ND J	ND J	R	ND J	ND	ND J	ND		ND		ND
Nickel	1.00E+02	41.8	ND	28.2 B	ND	520 J	439	ND J		ND J		R
Potassium	NE	10300	5910	4770 B	4600 B	24200 J	27700 J	ND		ND		4720 BJ
Selenium	5.00E+01	ND J	ND J	ND J	ND J	ND J	ND J	ND J		ND J		ND J
Silver	1.05E+02	NA	NA	NA	NA	NA	NA	NA		NA		NA
Sodium	NE	140000	143000	135000	140000	487000 J	554000 J	26100		25500		20200 J
Thallium	2.00E+00	NA	NA	NA	NA	NA	NA	NA		NA		NA
Vanadium	2.45E+02	21.2 BJ	ND	ND	ND	ND	ND	ND		ND		ND
Zinc	7.00E+03	53.9	ND	3 B	ND	23.1	14.9 B	10.5 B		ND		43.4
Cyanide	2.00E+02	ND		ND		17.1		ND		ND		ND

NOTES:

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

S - Indicates CLP linearity guidelines cannot be achieved after two separate determinations.

J - Indicates an estimated concentration.

ND - Indicates the compound was analyzed for but not detected.

NE - Not established.

NA - Not analyzed

* - Indicates a non-homogenous sample matrix in regard to the flagged analyte. This is normally the consequence of a degree of container and/or sediment content variation in aqueous samples.

GW50402 is a duplicate of GW20302.

TABLE 9
METALS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern ug/L	GW20402 13-Nov-92 ug/L Filtered	GW20502 06-Nov-92 ug/L Unfiltered	GW20502 06-Nov-92 ug/L Filtered	GW20602 06-Nov-92 ug/L Unfiltered	GW20602 06-Nov-92 ug/L Filtered	GW20702 05-Nov-92 ug/L Unfiltered	GW20702 05-Nov-92 ug/L Filtered	GW20802 05-Nov-92 ug/L Unfiltered	GW20802 05-Nov-92 ug/L Filtered	GW20902 05-Nov-92 ug/L Unfiltered	GW20902 05-Nov-92 ug/L Filtered
Aluminum	NE	121 B	169 B	Turbidity	4080	151 B	266	Turbidity	582	159 B	7040 J	120 B
Antimony	1.00E+01	ND	ND	was	ND	ND	ND	was	ND	ND	ND	ND
Arsenic	2.06E-02	ND J	19.1 J	less	144	142 J	7.9 B	less	15.3 SJ	16.8	6.4 B	ND
Barium	5.00E+03	62.8 B	171 B	than	258	198 B	442	than	349	377	111 B	61.5 B
Beryllium	1.00E+00	ND	ND	20 NTU	ND	ND	ND	20 NTU	ND	ND	ND	ND
Cadmium	5.00E+00	ND	ND	(10 NTU).	ND	ND	ND	(6.7 NTU).	ND	ND	ND	ND
Calcium	NE	221000	86800	A filtered	117000	101000	128000	A filtered	106000	108000	207000	189000
Chromium	1.00E+02	ND	ND	sample	43.7	ND	62.4	sample	20.9	ND	25.8	ND
Cobalt	NE	ND	ND	was	ND	ND	ND	was	ND	ND	ND	ND
Copper	1.30E+03	ND	ND	not	R	ND	R	not	R	ND	R	ND
Iron	NE	ND	1300	taken.	4500	40.6 B	3840	taken.	19100	18900 J	18400 J	6060 J
Lead	5.00E+00	ND J	ND J		12.1 J	ND J	ND J		ND J	ND J	10.4 SJ	ND J
Magnesium	NE	115000	60500		171000	158000	90400		102000	107000	98300	83400
Manganese	7.00E+03	21	9.1 B		131	70.3	44.9		404	376	454 J	77.2
Mercury	2.00E+00	ND J	ND		ND	ND	ND		ND	ND J	ND	ND J
Nickel	1.00E+02	R	ND		ND J	ND	ND J		ND J	ND	ND J	ND
Potassium	NE	5710 J	5590		91400	88000	36600		25000 J	28200 J	5370 J	4090 B
Selenium	5.00E+01	ND J	ND J		ND J	ND J	ND J		ND J	ND J	ND J	ND J
Silver	1.05E+02	NA	NA		NA	NA	NA		NA	NA	NA	NA
Sodium	NE	23500 J	138000		238000	237000	76400		60300 J	66700 J	34300 J	42000 J
Thallium	2.00E+00	NA	NA		NA	NA	NA		NA	NA	NA	NA
Vanadium	2.45E+02	ND	ND		86.9	64.3	ND		ND	ND	ND	ND
Zinc	7.00E+03	28.8	3.7 B		57.3	ND	ND		11.1 B	ND	42.5 J	3.6 B
Cyanide	2.00E+02		ND		ND		ND		ND		ND	

NOTES:

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

S - Indicates CLP linearity guidelines cannot be achieved after two separate determinations.

J - Indicates an estimated concentration.

ND - Indicates the compound was analyzed for but not detected.

NE - Not established.

NA - Not analyzed

* - Indicates a non-homogenous sample matrix in regard to the flagged analyte. This is normally the consequence of a degree of container and/or sediment content variation in aqueous samples

TABLE 9
METALS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary	GW50302	GW50302	GW21002	GW21002	GW21102	GW21102	GW50102	GW50102	GW21202	GW21202	GW21302
Date Sampled	Level of	05-Nov-92	05-Nov-92	05-Nov-92	05-Nov-92	03-Nov-92	03-Nov-92	03-Nov-92	03-Nov-92	03-Nov-92	03-Nov-92	04-Nov-92
Units	Concern	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
Aluminum	NE	647 J	114 B	312	Turbidity	6580 J	106 B	1070 J	108 B	5100	145 B	214
Antimony	1.00E+01	ND	ND	ND	was	ND	ND	ND	ND	ND	ND	ND
Arsenic	2.06E-02	ND	ND	ND	less	6.4 B	ND	ND	ND	5.8 BJ	ND	ND
Barium	5.00E+03	76.6 B	63.2 B	67.6 B	than	371	316	423	319	156 B	166 B	283
Beryllium	1.00E+00	ND	ND	ND	20 NTU	ND	ND	ND	ND	ND	ND	ND
Cadmium	5.00E+00	ND	ND	ND	(7.6 NTU).	ND	ND	ND	ND	ND	ND	ND
Calcium	NE	152000 J	197000 J	204000	A filtered	201000	188000	169000 J	192000 J	133000	125000	190000
Chromium	1.00E+02	16.6	ND	ND	sample	25.8	ND	18.2	ND	22.1	ND	8.8 B
Cobalt	NE	ND	ND	ND	was	ND	ND	ND	ND	ND	ND	ND
Copper	1.30E+03	R	ND	R	not	18.2 B	ND	5.8 B	ND	18.8 B	ND	ND
Iron	NE	R	R	8750	taken.	21700 J	10500 J	16300 J	10700 J	35700 J	29200 J	6490 J
Lead	5.00E+00	ND J	ND J	ND J		12 J	ND J	2.4 BJ	ND J	17.1 J	ND J	ND J
Magnesium	NE	69900 J	86500 J	104000		87800	79400	69800 J	81400 J	45900	37000	77700
Manganese	7.00E+03	80.3 J	77.2	210		386 J	206	167 J	210 J	439	250	250
Mercury	2.00E+00	ND	ND J	ND		ND J	ND J	ND J	ND J	0.25 J	ND J	R
Nickel	1.00E+02	ND J	ND	ND J		22.8 B	ND	18.6 B	ND	21 B	ND	12.2 B
Potassium	NE	R	R	ND		16600	13400	20600	13800	7800	6510	10900
Selenium	5.00E+01	ND J	ND J	ND J		ND J	ND J	ND J	ND J	ND J	ND J	ND J
Silver	1.05E+02	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Sodium	NE	30700 J	43600 J	57700		77300	81100	73600 J	83200 J	27000 J	33300 J	148000
Thallium	2.00E+00	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
Vanadium	2.45E+02	ND	ND	ND		12.3 BJ	ND	ND	ND	10.2 BJ	ND	ND
Zinc	7.00E+03	8 BJ	ND	ND		46.1 J	ND	14.4 BJ	ND	55.7	ND	9 B
Cyanide	2.00E+02	ND		ND		ND		ND		ND		ND

NOTES:

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

S - Indicates CLP linearity guidelines cannot be achieved after two separate determinations.

J - Indicates an estimated concentration.

ND - Indicates the compound was analyzed for but not detected.

NE - Not established.

NA - Not analyzed

* - Indicates a non-homogenous sample matrix in regard to the flagged analyte. This is normally the consequence of a degree of container and/or sediment content variation in aqueous samples.

GW50302 is a duplicate of GW20902 and GW50102 is a duplicate of GW21102.

TABLE 9
METALS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary Level of Concern	GW21302 04-Nov-92 ug/L	GW21402 04-Nov-92 ug/L	GW21402 04-Nov-92 ug/L	GW21502 06-Nov-92 ug/L	GW21502 06-Nov-92 ug/L	GW21602 06-Nov-92 ug/L	GW21602 06-Nov-92 ug/L	GW30102 03-Nov-92 ug/L	GW30102 03-Nov-92 ug/L	GW30202 03-Nov-92 ug/L	GW30202 03-Nov-92 ug/L
Date Sampled	ug/L	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
Units												
Aluminum	NE	Turbidity	13500	101 B	R	R	16500	88.8 B	9140	131 B	84.3 B	89.3 B
Antimony	1.00E+01	was	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	2.06E-02	less	11.1	4.5 B	7.9 B	6.3 BJ	7.5 B	4.1 B	8.6 BJ	ND	ND	ND
Barium	5.00E+03	than	275	236	303	320	206	173 B	152 B	115 B	153 B	152 B
Beryllium	1.00E+00	20 NTU	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	5.00E+00	(6.0 NTU).	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	NE	A filtered	213000	135000	338000	302000	209000	211000	126000	84200	176000	180000
Chromium	1.00E+02	sample	29.4	ND	ND	ND	31.5	ND	83.1	ND	ND	ND
Cobalt	NE	was	11.4 B	ND	ND	ND	13 B	ND	ND	ND	ND	ND
Copper	1.30E+03	not	31.9	ND	R	5.5 B	R	ND	21 B	ND	ND	ND
Iron	NE	taken.	24100 J	1680 J	R	R	31400	12900 J	13300 J	91.2 B	584 J	529 J
Lead	5.00E+00		11.6 J	ND J	7.2 J	ND J	3.7 J	ND J	6.8 J	ND J	ND J	ND J
Magnesium	NE		121000	79300	141000	111000	92000	86300	80600	58300	98600	99600
Manganese	7.00E+03		623	29.9	181	192	425	153	353	40.6	69.7	69.1
Mercury	2.00E+00		ND J	ND J	ND	ND	ND	ND J	0.28 J	ND J	ND J	ND J
Nickel	1.00E+02		35.4 B	ND	78.3 J	54.5	ND J	ND	65.4	ND	18.4 B	12.3 B
Potassium	NE		8180	3060 B	123000	97200	18800	11400	7540	3820 B	3400 B	3480 B
Selenium	5.00E+01		ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J	ND J
Silver	1.05E+02		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE		32300	33500	802000	658000	56000 J	66100 J	23800	25500	140000	136000
Thallium	2.00E+00		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	2.45E+02		23.7 BJ	ND	ND	ND	36.2 B	ND	18.1 BJ	ND	ND	ND
Zinc	7.00E+03		80.2	ND	16.7 B	17.4 B	68.5	ND	82.4	8.1 B	4.4 B	3.8 B
Cyanide	2.00E+02		ND		ND		ND		ND		ND	

NOTES:

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

S - Indicates CLP linearity guidelines cannot be achieved after two separate determinations.

J - Indicates an estimated concentration.

ND - Indicates the compound was analyzed for but not detected.

NE - Not established.

NA - Not analyzed

* - Indicates a non-homogenous sample matrix in regard to the flagged analyte. This is normally the consequence of a degree of container and/or sediment content variation in aqueous samples.

TABLE 9
METALS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID	Preliminary	GW30302	GW30302	GW40102	GW40102	GW40202	GW40202	GW40302	GW40302	GW40502	GW40502	GW40602
Date Sampled	Level of			06-Nov-92	06-Nov-92	06-Nov-92	06-Nov-92			06-Nov-92	06-Nov-92	06-Nov-92
Units	Concern											
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
Aluminum	NE	Not	Not	567	Turbidity	8360	240	Not	Not	28800	ND	3240
Antimony	1.00E+01	Sampled	Sampled	ND	was	ND	ND	Sampled	Sampled	ND	ND	ND
Arsenic	2.06E-02	See	See	ND	less	9.5 B	6.1 BJ	See	See	28.7	ND J	11.5 J
Barium	5.00E+03	Work	Work	1100	than	320	290	Work	Work	279	137 B	741 J
Beryllium	1.00E+00	Plan	Plan	ND	20 NTU	ND	ND	Plan	Plan	ND	ND	ND
Cadmium	5.00E+00			ND	(1 NTU).	ND	ND			ND	ND	ND
Calcium	NE			109000	A filtered	218000	184000			635000	49600	431000
Chromium	1.00E+02			ND	sample	40	ND			93.2	ND	ND
Cobalt	NE			ND	was	ND	ND			27.7 B	ND	9.4 B
Copper	1.30E+03			R	not	R	ND			R	ND	51.2
Iron	NE			6870	taken.	15100	2130			67800	81.3 B	23200
Lead	5.00E+00			3.4 J		5.7 J	ND J			49.7 SJ	ND J	48.5 SJ
Magnesium	NE			80500		91200	73300			372000	46400	220000
Manganese	7.00E+03			43.6		856	518			4300	19.5	1910
Mercury	2.00E+00			ND		ND	ND			ND	ND	ND
Nickel	1.00E+02			ND J		49.1 J	ND			88.9 J	ND	19.1 B
Potassium	NE			44500		13100	12500			10900	2490 B	20900
Selenium	5.00E+01			ND J		ND J	ND J			ND J	ND J	ND J
Silver	1.05E+02			NA		NA	NA			NA	NA	NA
Sodium	NE			76600		111000	117000			14000	12700	133000
Thallium	2.00E+00			NA		NA	NA			NA	NA	NA
Vanadium	2.45E+02			ND		ND	ND			74.5	ND	16 B
Zinc	7.00E+03			8 B		46.3	8.7 B			205	ND	71.4
Cyanide	2.00E+02			ND		ND				ND		ND

NOTES:

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

S - Indicates CLP linearity guidelines cannot be achieved after two separate determinations.

J - Indicates an estimated concentration.

ND - Indicates the compound was analyzed for but not detected.

NE - Not established.

NA - Not analyzed

* - Indicates a non-homogenous sample matrix in regard to the flagged analyte. This is normally the consequence of a degree of container and/or sediment content variation in aqueous samples.

Samples GW40602 (Unfiltered and Filtered) have been switched because of Laboratory error.

TABLE 9
METALS ANALYSES OF
THE SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampl Units	Preliminary Level of Concern ug/L	GW40602 06-Nov-92 ug/L Filtered
Aluminum	NE	143 B
Antimony	1.00E+01	ND
Arsenic	2.06E-02	4 B
Barium	5.00E+03	855 J
Beryllium	1.00E+00	ND
Cadmium	5.00E+00	ND
Calcium	NE	185000
Chromium	1.00E+02	ND
Cobalt	NE	ND
Copper	1.30E+03	R
Iron	NE	2700
Lead	5.00E+00	ND J
Magnesium	NE	102000
Manganese	7.00E+03	74.3
Mercury	2.00E+00	ND
Nickel	1.00E+02	ND J
Potassium	NE	21200
Selenium	5.00E+01	ND J
Silver	1.05E+02	NA
Sodium	NE	137000
Thallium	2.00E+00	NA
Vanadium	2.45E+02	ND
Zinc	7.00E+03	8.5 B
Cyanide	2.00E+02	NA

NOTES:

B - Analyte was detected at a concentration between the Contract Required Detection Limit and the Instrument Detection Limit.

S - Indicates CLP linearity guidelines cannot be achieved after two separate determinations.

J - Indicates an estimated concentration.

ND - Indicates the compound was analyzed for but not detected.

NE - Not established.

NA - Not analyzed

* - Indicates a non-homogenous sample matrix in regard to the flagged analyte. This is normally the consequence of a degree of container and/or sediment content variation in aqueous samples.

TABLE 10
WATER QUALITY ANALYSES
SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern mg/L	GW10102 05-Nov-92 ug/L	GW10202 05-Nov-92 ug/L	GW10302 05-Nov-92 ug/L	GW10402 05-Nov-92 ug/L	GW10502 04-Nov-92 ug/L	GW50202 04-Nov-92 ug/L	GW10602 04-Nov-92 ug/L	GW10702 04-Nov-92 ug/L	GW10802 05-Nov-92 ug/L	GW10902 04-Nov-92 ug/L	GW11002 04-Nov-92 ug/L
Alkalinity (mg/L)	NE	405	408	612	1390	566	544	389	453	342	468	721
Boron (mg/L)	NE	0.48 J	0.64	0.54 J	1.18	0.64	0.65	0.34 J	0.26 J	0.39	0.51	0.71
Chloride	NE	293	359	179	475	250	234	53	34	42	158	286
COD (mg/L)	NE	ND J	118	22 J	144	36 J	ND J	252	78	ND	ND	290
Chromium, 6+ (mg/L)	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate+Nitrite as N (mg/L)	10	ND	ND	ND	ND	0.07 J	0.14 J	ND	ND	ND	ND J	ND J
Ammonia as N (mg/L)	NE	2.27	1.19 J	12.4	175	15.2 J	ND J	4.6	17.5	0.61 J	0.59 J	ND J
TSS (mg/L)	NE	30 J	147	26 J	51	27 J	31 J	623	1190	29	23	1830
Sulfate (mg/L)	400	308	703	150	28	70	74 J	100	ND	95	182 J	125 J
Sulfide (mg/L)	NE	ND	ND	ND	1.9 J	ND	ND	4.2 J	2.6 J	ND	ND	ND
Field pH (Standard Units)	NE	6.57	6.68	6.93	6.94	6.75	6.75	6.67	6.76	7.02	7.09	6.82
Field Temperature (Celcius)	NE	11.0	11.5	12.0	10.0	12.5	12.5	12.0	14.0	11.0	11.0	12.0
Field Conductivity (umhos/cm)	NE	2110	2780	2050	4270	1610	1610	840	750	840	1430	2140
Field Turbidity (NTU)	NE	1	2	1	> 20	1	1	> 100	> 20	> 20	1	> 20

NOTES:

ND - Parameter was analyzed for but not detected.

NE - Not established.

NM - Not measured.

J - Indicates an estimated concentration.

GW50202 is a duplicate of GW10502.

TABLE 10
WATER QUALITY ANALYSES
SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern mg/L	GW11102 04-Nov-92 ug/L	GW20102 04-Nov-92 ug/L	GW20202 04-Nov-92 ug/L	GW20302 06-Nov-92 ug/L	GW50402 06-Nov-92 ug/L	GW20402 10-Nov-92 ug/L	GW20502 06-Nov-92 ug/L	GW20602 06-Nov-92 ug/L	GW20702 05-Nov-92 ug/L	GW20802 04-Nov-92 ug/L	GW20902 04-Nov-92 ug/L
Alkalinity (mg/L)	NE	673	463	1460	307	309	472	399	1540	802	854	424
Boron (mg/L)	NE	0.53	0.35 J	0.80 J	0.35	0.35	0.34	0.49	31	0.70 J	0.96	0.32
Chloride	NE	208	314	1150	5	6	110	65	315	132	71	171 J
COD (mg/L)	NE	242	21	ND J	ND J	ND J	58 J	22 J	210 J	35 J	81 J	35 J
Chromium, 6+ (mg/L)	NE	ND	ND	ND J	ND	ND J	ND	ND J	ND J	ND	ND J	ND J
Nitrate+Nitrite as N (mg/L)	10	ND	ND J	0.07	0.03	ND	0.18 J	ND	ND	0.26	ND	0.02
Ammonia as N (mg/L)	NE	3.43	ND J	13.7	0.93 J	0.6 J	0.66 J	0.97 J	145 J	2.68	36.6	1.21 J
TSS (mg/L)	NE	660	20	29 J	9	7	746	12	90	20 J	119 J	648 J
Sulfate (mg/L)	400	57	154 J	96	57	56	396	306	171	82	66	208
Sulfide (mg/L)	NE	ND	ND	ND	ND J	ND	ND J	1.7 J	ND	ND	ND	ND
Field pH (Standard Units)	NE	6.78	6.88	6.91	7.26	7.26	6.20	7.22	7.80	7.02	6.77	7.13
Field Temperature (Celcius)	NE	12.5	9.1	7.0	19.5	19.5	12.0	15.8	10.2	8.5	9.7	8.6
Field Conductivity (umhos/cm)	NE	1570	2000	5610	420	420	1570	1440	3980	2140	1780	1680
Field Turbidity (NTU)	NE	> 20	23	> 100	14	14	> 100	10	> 100	6.7	NM	> 100

NOTES:

ND - Parameter was analyzed for but not detected.

NE - Not established.

NM - Not measured.

J - Indicates an estimated concentration.

GW50402 is a duplicate of GW20302.

TABLE 10
WATER QUALITY ANALYSES
SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern mg/L	GW50302 05-Nov-92 ug/L	GW21002 05-Nov-92 ug/L	GW21102 03-Nov-92 ug/L	GW50102 03-Nov-92 ug/L	GW21202 03-Nov-92 ug/L	GW21302 04-Nov-92 ug/L	GW21402 04-Nov-92 ug/L	GW21502 06-Nov-92 ug/L	GW21602 06-Nov-92 ug/L	GW30102 03-Nov-92 ug/L	GW30202 03-Nov-92 ug/L
Alkalinity (mg/L)	NE	434	495	698	682	494	576	470	2880	678	347	370
Boron (mg/L)	NE	0.34 J	0.32 J	0.46 J	0.55 J	0.33	0.71	0.29 J	0.48	0.41	0.28	0.38
Chloride	NE	129 J	118	188	175	35	314	132	887	127	60	409
COD (mg/L)	NE	84 J	48 J	53 J	47 J	116	29	98	358 J	210 J	75	47
Chromium, 6+ (mg/L)	NE	ND	ND J	ND J	ND J	ND J	ND	ND	ND J	ND J	ND J	ND J
Nitrate + Nitrite as N (mg/L)	10	ND	0.14	ND J	ND J	ND J	ND	ND	ND	ND	ND J	ND J
Ammonia as N (mg/L)	NE	1.23 J	3.93	36.1 J	29.6 J	14.8 J	4.08	2.69	182 J	14.0 J	0.32 J	0.28 J
TSS (mg/L)	NE	330 J	30 J	378 J	316 J	971	20	1080	160	686	874	804
Sulfate (mg/L)	400	198	475	90 J	104 J	ND J	196	86	10	193	65 J	83 J
Sulfide (mg/L)	NE	ND	ND	1.3 J	2.0 J	2.7 J	ND	ND	2.7 J	ND	1.8 J	ND
Field pH (Standard Units)	NE	7.13	7.12	6.88	6.88	6.74	6.96	7.42	7.00	6.96	6.25	6.83
Field Temperature (Celcius)	NE	8.6	8.5	14.7	14.7	13.2	8.5	9.1	8.9	8.8	7.5	11.5
Field Conductivity (umhos/cm)	NE	1680	1980	1880	1880	1020	2190	1290	7300	1900	750	1840
Field Turbidity (NTU)	NE	> 100	7.6	46	46	> 100	6	> 100	> 100	> 100	> 100	> 100

NOTES:

ND - Parameter was analyzed for but not detected.

NE - Not established.

NM - Not measured.

J - Indicates an estimated concentration.

GW50302 is a duplicate of GW20902 and GW50102 is a duplicate of GW21102.

TABLE 10
WATER QUALITY ANALYSES
SECOND ROUND OF GROUNDWATER SAMPLING

Sample ID Date Sampled Units	Preliminary Level of Concern mg/L	GW30302 ug/L	GW40102 06-Nov-92 ug/L	GW40202 06-Nov-92 ug/L	GW40302 ug/L	GW40502 06-Nov-92 ug/L	GW40602 06-Nov-92 ug/L
Alkalinity (mg/L)	NE	Not	968	645	Not	322	928
Boron (mg/L)	NE	Sampled	0.92	5.3	Sampled	0.28	0.81
Chloride	NE	See	132	214	See	12	240
COD (mg/L)	NE	Work	104 J	160 J	Work	190 J	649 J
Chromium, 6+ (mg/L)	NE	Plan	ND	ND J	Plan	ND	ND J
Nitrate + Nitrite as N (mg/L)	10		ND	0.05		ND	ND
Ammonia as N (mg/L)	NE		59.0 J	15.4 J		0.55 J	22.1 J
TSS (mg/L)	NE		57	266		3110	2810
Sulfate (mg/L)	400		ND	197		42	102
Sulfide (mg/L)	NE		ND J	1.4 J		2.8 J	4.2 J
Field pH (Standard Units)	NE		6.83	6.65		7.70	6.75
Field Temperature (Celcius)	NE		12.0	9.5		9.0	13.0
Field Conductivity (umhos/cm)	NE		1600	1400		460	2010
Field Turbidity (NTU)	NE		1	> 100		> 100	> 100

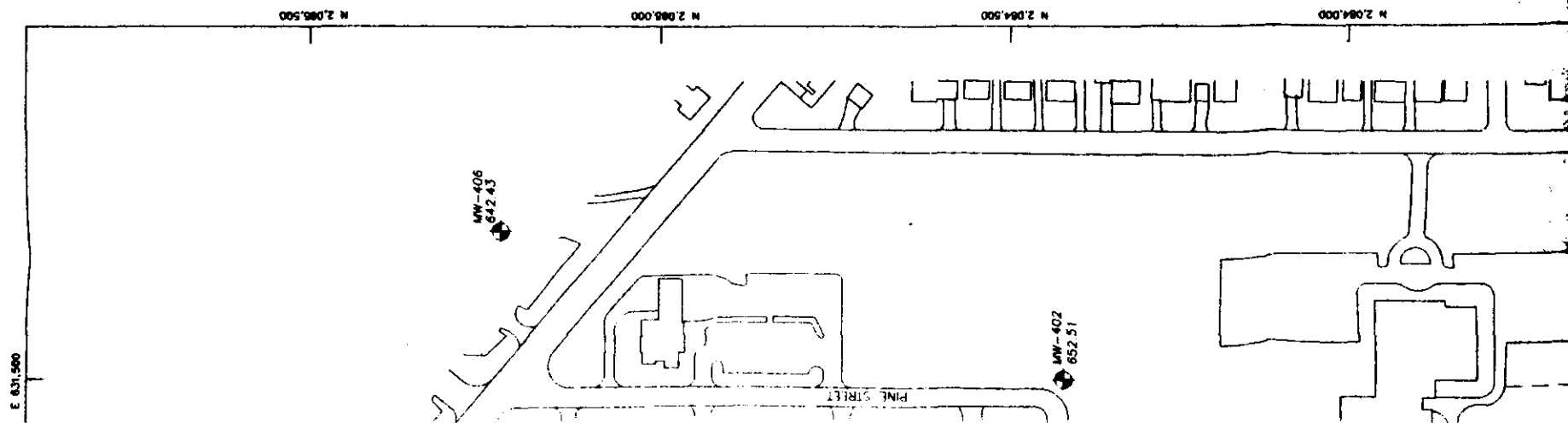
NOTES:

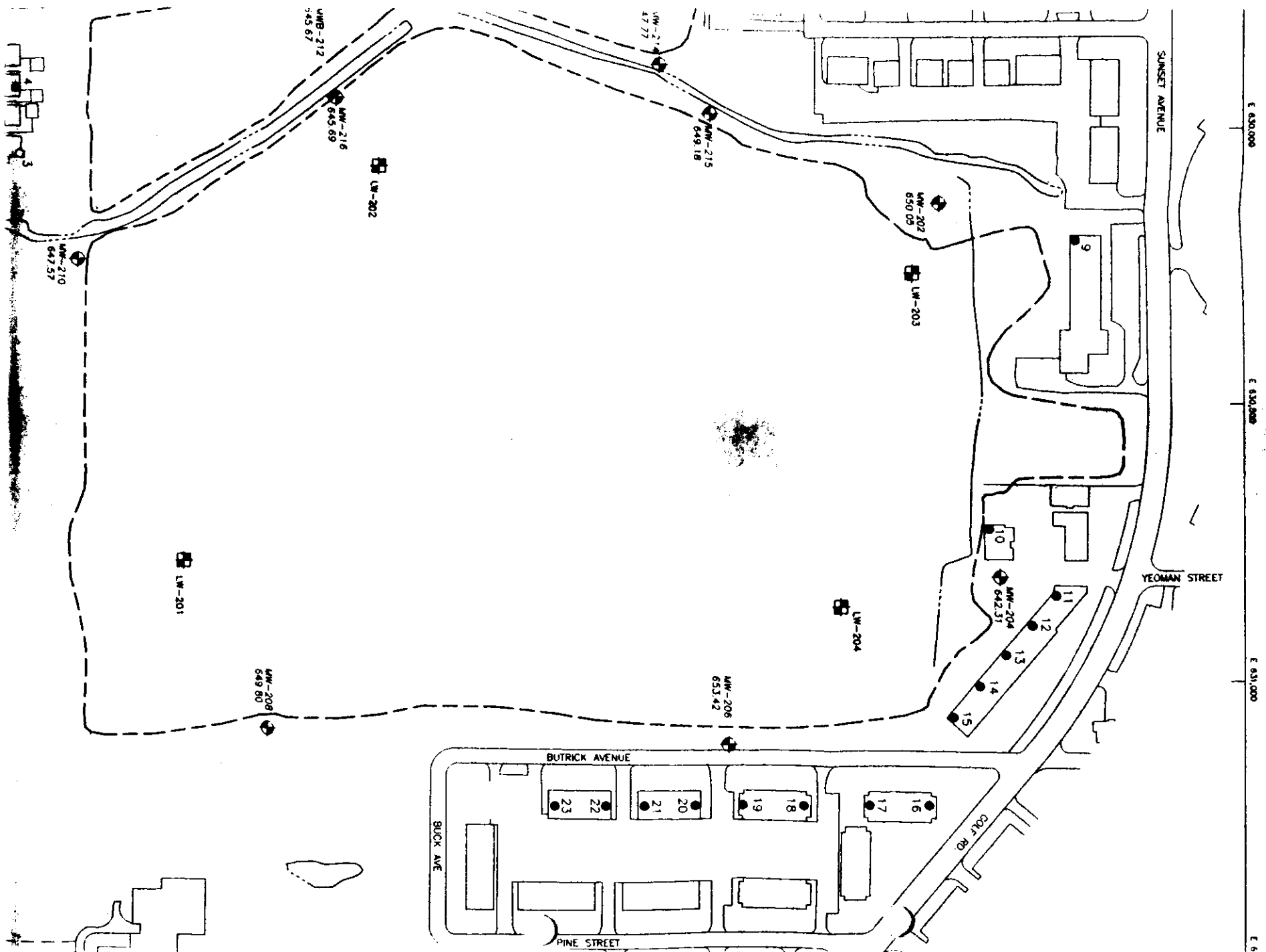
ND - Parameter was analyzed for but not detected.

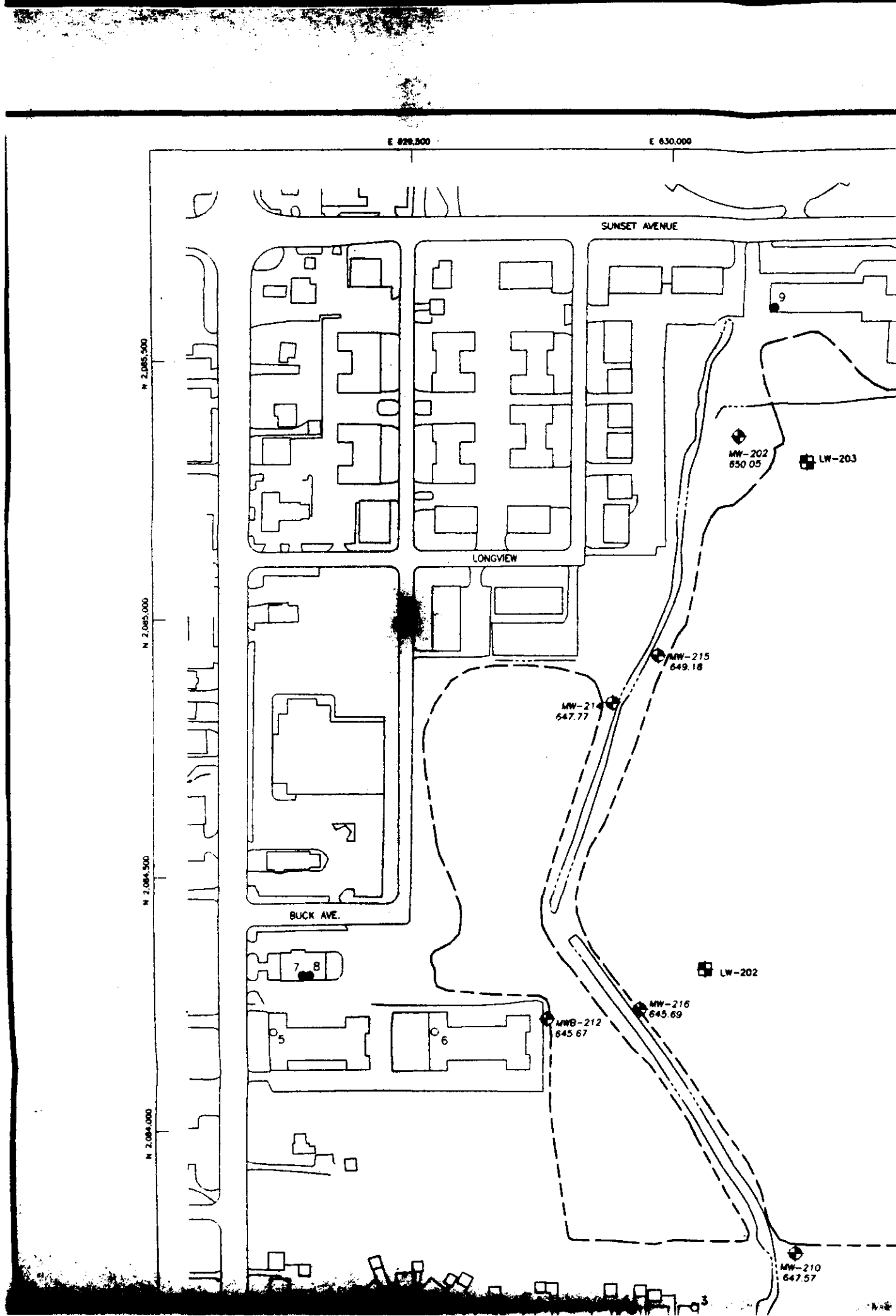
NE - Not established.

NM - Not measured.

J - Indicates an estimated concentration.







MW-406
642.43

N 2,083,500

N 2,083,000

N 2,082,500

N 2,082,000

N 2,081,500

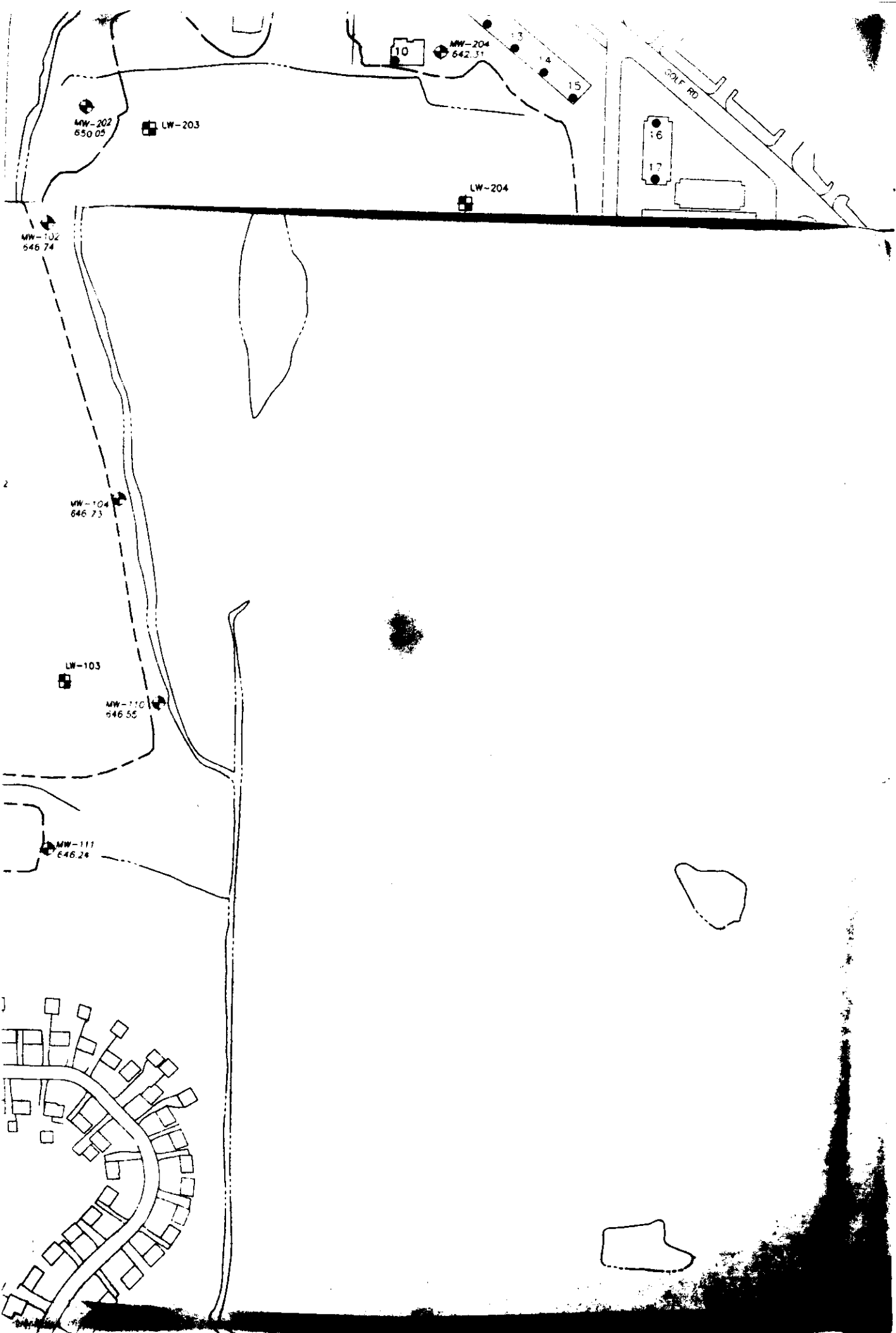
8	East Sump (Unable to LID Lid)	648.55	NM	647.7	NM
9	1403 Sunset Avenue	658.82	651.82	649.57	651.37
10	2125 Yucca Street	651.85	652.68	651.28	653.23 (N.) 652.33 (S.)
11	1451 W. Golf Road	652.36	653.36	652.19	652.66
12	1431 W. Golf Road	653.86	654.88	653.85	654.28
13	1423 W. Golf Road	Filled with salt. No measurements were taken.			
14	1415 W. Golf Road	651.85	652.85	650.95	652.84
15	1401 W. Golf Road	654.15	654.88	653.35	654.75
16	2115 Buick Avenue	655.99	656.14	655.29	656.49
17	North Sump South Sump				
18	2045 Buick Avenue	656.19	656.49	655.59	657.34
19	North Sump * South Sump *				
20	2057 Buick Avenue	653.82	654.32	653.52	654.82
21	North Sump South Sump				
22	2023 Buick Avenue	653.66	653.86	652.36	653.86
23	North Sump South Sump				

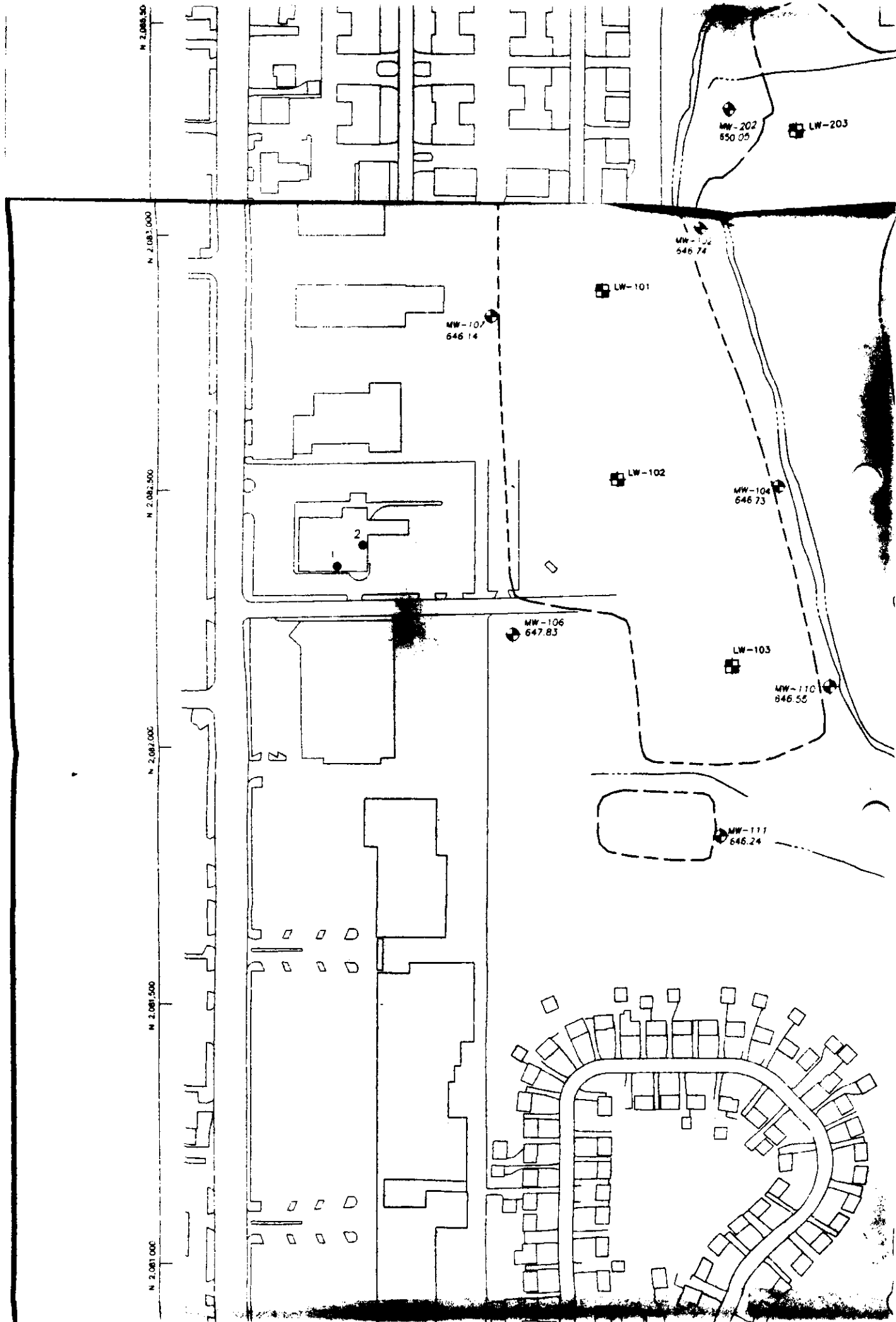
NOTES:
1. Pump is Not Monitored
2. Pump is Present in the Sump

LEGEND

- WATER
-  GROUNDWATER MONITORING WELL
MW-201
649.80
-  LEACHATE WELL
LW-201
- APPROXIMATE WASTE BOUNDARY
- SUMP CONTAINED WATER
- SUMP WAS DRY

NOTES:





21	2023 distance Avenue	653.66	653.86	652.26	653.86
22	North Sump	653.07	653.67	652.47	653.47
23	South Sump				

NOTES:

NM - Not Measured

* - No Pump is Present in the Sump

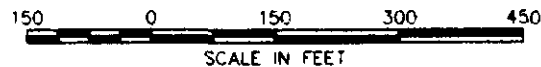
LEGEND

- WATER
-  GROUNDWATER MONITORING WELL
MW-201
649.80
-  LEACHATE WELL
LW-201
- APPROXIMATE WASTE BOUNDARY
- ¹ SUMP CONTAINED WATER
- ³ SUMP WAS DRY

NOTES:

1. WATER LEVELS IN MONITORING WELLS WERE MEASURED ON NOVEMBER 2, 1992

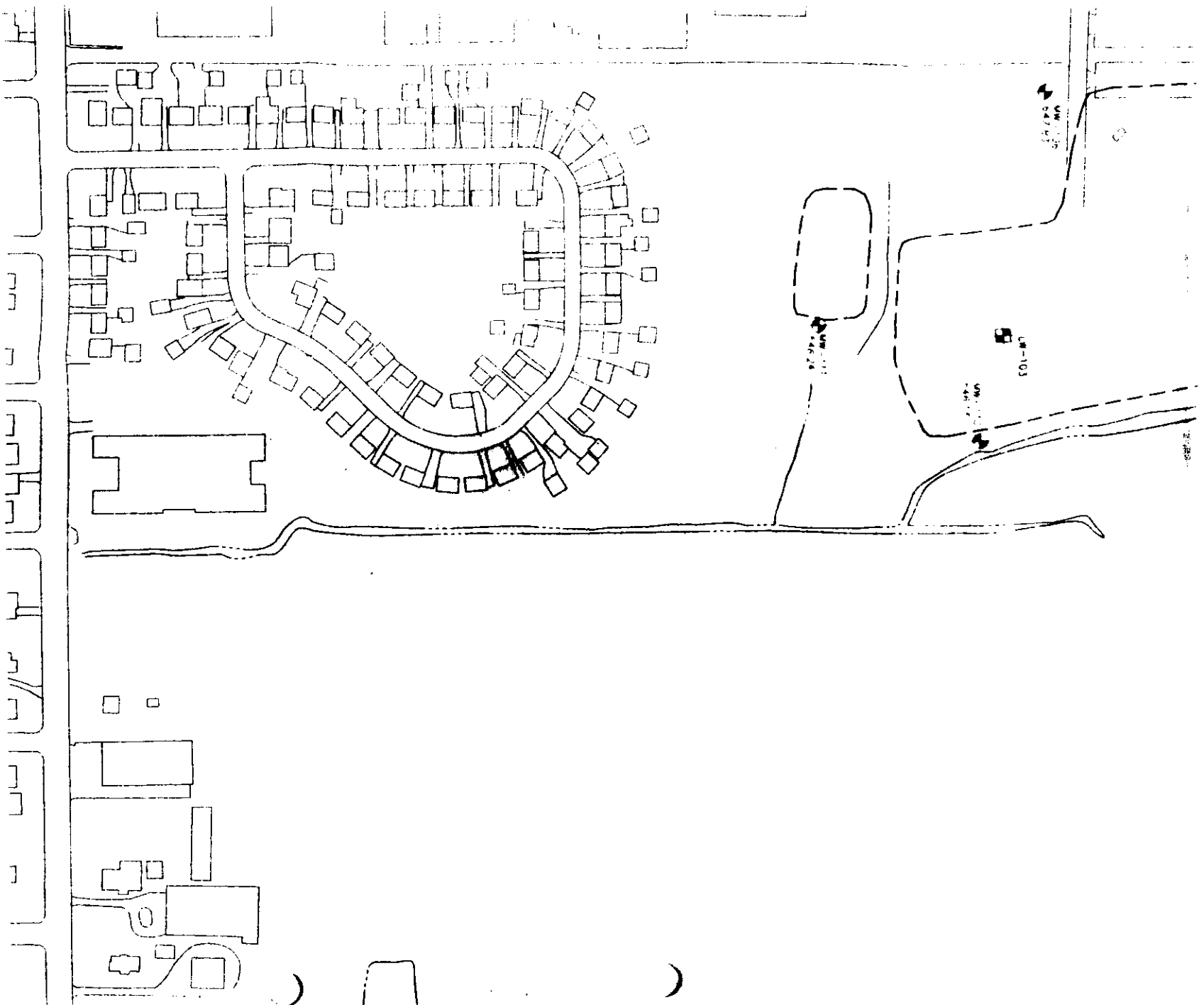
2. THE SUMP ASSESSMENT WAS CONDUCTED FROM SEPTEMBER 28 TO OCTOBER 21, 1992



PRP/YEOMAN RI-FS/IL PRP/EDWARDS* RI-FS/IL			
LOCATION OF SUMPS MONITORED DURING THE SUMP ASSESSMENT			
Chicago, Illinois	DATE	1/28/93	
CHICAGO	SCALE	AS SHOWN	
APPROVED	FILE NO.	913-8063/8084	
FILE NO.	FIGURE	97	
0083154			



Golder Associates



E 630,000

E 630,300

E 631,000

CAS	CAS PROJECT NUMBER 190044
	DATE OF PHOTOGRAPHY 12-11-89
	CONTAINMENT INTERVAL 2 FT
CH	CHICAGO AERIAL SURVEY
	2140 S. WOLF ROAD
	DEPT. OF THE CITY OF CHICAGO
	709/298-1480

N 1087.500

N 2081.500

N 2081.500

N 2080.500

E 628.500

E 630.000

MW-106
647.83

LW-103

MW-110
646.55

MW-111
646.24

