915168

PHASE II ENVIRONMENTAL SITE EVALUATION

Commercial Property
210 French Road
Cheektowaga, New York

Prepared For:

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APPENDICES

1.0 INTRODUCTION

1.1 General

Hazard Evaluations, Inc. (HEI) was requested and authorized by Mr. Robert E. Mariacher, representing CMS Associates (CMS), of Cheektowaga, New York, to complete a Phase II Environmental Site Evaluation on property located at 210 French Road (Subject Site) in Cheektowaga, New York. According to the Town of Cheektowaga Tax Assessors Office the subject property is about 3.77 acres in size and is identified as Part of Lot 90, Township 10, Range 7. Refer to Figure 1 in Appendix A for the Site Location Plan.

Based on the findings presented in an Environmental Real Property Audit report completed by North American Environmental Services Corporation, dated October 1989 and an Underground Storage Tank Removal report completed by B.U.G. Remediation, dated June 4, 1996, it was recommended by the New York State Department of Environmental Conservation (NYSDEC) that a Phase II Environmental Site Evaluation be completed to better define the environmental concerns at the subject site. Generally, the environmental concerns include the condition of the groundwater quality beneath the site, and the remediation of the contaminated soils stockpiled on the site.

1.2 Purpose and Scope

HEI was engaged by CMS to complete a Phase II Environmental Site Evaluation on the subject property located at 210 French Road. The purpose of this Phase II Environmental Evaluation is to better characterize the contaminated soils stockpiled on site, evaluate the groundwater contamination, groundwater flow direction and to identify potential off-site receptors. To accomplish these purposes, HEI completed the following scope of services requested by the NYSDEC and authorized by CMS.

- Installed two (2) additional shallow groundwater monitoring wells located in upgradient and cross-gradient (to the east) directions from the former tank;
- Developed the two new groundwater monitoring wells;
- Measured relative top of riser casing elevations at the two (2) new monitoring wells;
- Measured groundwater levels in the two (2) new monitoring wells and the six (6) existing monitoring wells previously installed on the subject site;
- Collected representative groundwater samples from seven (7) selected sampling locations (MW-2, MW-3, MW-4, MW-5, MW-6, MW-7 and MW-8) in accordance with NYSDEC and USEPA protocols;

- Analyzed the collected groundwater samples for volatile organic compounds (VOC's) USEPA Test Methods 8010/8020;

- Analyzed a groundwater sample collected from monitoring well MW-2 for VOC's, USEPA Test Method 8240 and Target Analyte List (TAL) of inorganic compounds (metals);

- Collected one (1) representative composite soil sample from the "heavily contaminated" stockpile (stock piles 1 & 2);

- Analyzed the composite soil for the full Target Compound List (TCL) of volatile organic compounds (volatiles) and the TAL metals;

- Reviewed storm water drainage patterns, south (along French Road) of the subject site and north (along Industrial Parkway) of the subject site;

- Collected a sediment soil sample, a water sample and a bedding sample near a storm water drain located along Industrial Parkway north of the subject site;

- Analyzed the samples collected from near the storm water drain for VOC's and the TAL metals;

- Evaluated the data collected;

- Prepared a groundwater potentiometric contour elevation map, and;

- Summarized the data collected into this report.

The options rendered in this report are based solely on the above scope of services. Limitations to this report are presented in Appendix B.

2.0 PREVIOUS REPORTS

On October 10, 1989, an Environmental Real Property Audit was completed for Mariacher Contracting Co., Inc. on the subject property located at 210 French Road. The report concluded that the property appeared to be in compliance with current NYSDEC laws. A copy of this report is presented for review in Appendix C.

On March 5, 1996, B.U.G. Remediation (B.U.G.)/Mariacher Construction Co., Inc. removed a 2,000 gallon underground storage tank. During the tank removal it was determined that the tank had leaked chlorinated solvents and contaminated the surrounding soils and groundwater. The "heavily" contaminated soils were removed and placed on and covered with polyethylene sheeting. B.U.G. completed several test borings and installed six (6) groundwater monitoring wells around the former tank area. Based on subsequent analytical testing it was determined that several VOC's were present in the groundwater near the former tank and in the contaminated soils removed and stockpiled at the site. B.U.G. recommended that additional work be completed on site to better evaluate the site groundwater and to develop a work plan to remediate on-site the "heavily" contaminated soils removed from the tank excavation. The B.U.G. report is presented in Appendix C.

On August 5, 1996, HEI completed a Conceptual Site Remediation Work Plan for the subject site. The NYSDEC reviewed the Work Plan and responded on September 6, 1996 in the form of a letter. It should be noted that the comments offered in NYSDEC's response have generally been either incorporated and discussed in this report, or have been addressed with other correspondence. A copy of the Conceptual Site Remediation Work Plan is Presented in Appendix C.

3.0 SITE CONDITIONS

The subject site is currently occupied by a 1-story concrete block building approximately 200 feet by 200 feet located in the southeast corner of the property along French Road. A loading dock is located on the west side of the building. A storm water catch basin is located near the loading dock area. According to Mr. Robert Mariacher the catch basin has been sealed and grouted and is no longer in use. Storm water that collects in the loading dock area is pumped from a sump onto the adjacent asphalt parking area. An overhead receiving door is located on the back wall (north side) of the building. The building is presently being used as an office, warehouse area and manufacturing facility. It should be noted that inspection of the inside of the building is not part of the work scope for this project.

A fence enclosed storage area is located near the north property line. The area surrounding the building is covered with asphalt paving on the west and northwest portion of the property. Entrance driveways to the property are located along French Road on the south and along Industrial Parkway to the north. Small landscaped areas are located in front of the building along French Road and behind the building between the building and the fence enclosure. An undeveloped area, covered with thick tall grass is located in the northeast corner of the property.

A 2,000 gallon underground storage tank, removed from service, was located near the northwest corner of the building. Impacted soil removed from the excavation is stock-piled on the subject site. The impacted soils are covered with polyethylene sheeting and stock-piled on polyethylene sheeting over the asphalt pavement just west of the fenced enclosure.

French Road forms the southern boundary of the subject site. An undeveloped tree and shrub covered land parcel is located immediately south of French Road. Industrial Parkway forms part of the northern site boundary, the Fleming, Inc. facility is located north of Industrial Parkway. An undeveloped brush covered land parcel is also immediately adjacent to the north property line. Truco Engine, Inc. is located north/northeast of the subject property. Rosina Food Products, Inc. forms the western boundary of the subject site. Several small businesses extend along the east property, they include Comairco Equipment Co., Service Fastener Center, Inc. and H&S Auto Shop (vacant building). Based on visual inspections of the adjoining properties, it appears that the adjoining properties have good outside housekeeping. Adjoining property is defined as properties which border the site or would be so but for a street, road or other public thoroughfare separating them.

The topography of the subject site slopes generally from the south along French Road towards the north/northwest and Industrial Parkway. HEI contacted the Town of Cheektowaga Engineering Department to determine storm water

drainage patterns near the site. Based on review of several drainage maps/plans it was determined that storm water drainage along French Road is controlled by two (2), 12-inch catch basins located on the north and south sides of French Road. The catch basins are connected to a 36-inch conduit which is located on the south side of French Road and flows in a western direction towards Union Road, about 2,000 feet to the west. Surface storm water drainage flows across the parking lot area (west of the site building), north towards Industrial Parkway. Several storm water catch basins, open drainage ditches and buried drainage pipes are located along the south side of Industrial Parkway. Storm water flows to a catch basin located on the east side of the site access driveway along Industrial Parkway. From this collection basin storm water/runoff flows (north) beneath Industrial Parkway intersecting an open drainage ditch which flows along the north side of Industrial Parkway. The open ditch connects to another open ditch which flows north to open ditches along several rail tracks about 1,500 feet north of the subject property. Refer to Figure 2 presented in Appendix A for site features, surrounding property owners and drainage patterns.

Based on field observations the subject site is served with natural gas from National Fuel Gas Corporation, electric from New York State Electric & Gas. Drinking water is supplied by the Erie County Water Authority. Sanitary waste is handled by Erie County Sewer Authority, storm water is handled by the Town of Cheektowaga. Electric service appears to be above ground with all other utility services underground. Natural gas, water and sanitary sewer services the property from utility easements along French Road. Underground utilities along Industrial Parkway (north of the subject property) consist of gas, water and storm sewers.

4.0 FIELD EXPLORATIONS

4.1 Subsurface Explorations

General

Subsurface explorations were completed on the subject property for environmental considerations. Seven (7) test borings were advanced, by others, in the vicinity of the former underground storage tank (UST) pit area to better determine the extent of contamination from the former tank. Based on the results of the test borings, six (6) groundwater monitoring wells were installed, by others, on the subject site to determine the extent of potential groundwater contamination and flow direction.

Based on review of the limited existing test boring/monitoring well data it appears that monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5 and MW-6 were installed with the screened interval of the well placed below the shallow bedrock surface. It should be noted that only test boring logs for MW-1, MW-2 and MW-3 were available to HEI for review. Logs and monitoring well installation details for MW-1, MW-2, and MW-3 are presented in Appendix D.

HEI installed two (2) additional groundwater monitoring wells. The locations of the additional monitoring wells were selected to generalize subsurface conditions upgradient from the former tank (along French Road) and along the east property line.

In general, the test borings/groundwater monitoring wells were completed to determine subsurface conditions for environmental considerations and to determine the potential presence of significant quantities of hazardous materials in the site and groundwater beneath the site.

Test Boring Procedures

The two (2) additional test borings/monitoring wells (MW-7 and MW-8) were advanced by Earth Dimensions, Inc. to depths of approximately 15.0 feet and 16.5 feet, respectively. The test borings were advanced by using 4.25-inch inside diameter hollow stem augers to facilitate HQ size rock coring and installation of 2-inch inside diameter PVC monitoring wells. Representative soil samples of the overburden were obtained by driving a standard 2-inch outside diameter split spoon sampler into the undisturbed material below the auger casing with a 140-pound hammer free falling a distance of 30-inches. This procedure is consistent with American Society of Testing Materials (ASTM) Method D-1586. The number of blows required to drive the split spoon for each 6-inch interval was recorded. Standard Penetration Tests (SPT) conforming to ASTM D-1586 were completed to examine the subsurface soil composition. Bedrock was encountered in test borings MW-7 and MW-8 at depths of 4.9 feet and 6.4 feet, respectively, below existing ground surface. Rock core samples were retrieved from each of the test borings using a HQ size core barrel making a 3.78 inch

corehole. The depth of each corehole was determined in the field by an HEI environmental specialist based on subsurface conditions and groundwater encountered during drilling operations. Soil and rock descriptions are recorded on subsurface boring logs which are presented in Appendix D.

Groundwater monitoring wells were installed in each of the two (2) additional test borings completed at the site. The monitoring wells were set at depths below ground surface of 15.0 feet (MW-7) and 16.5 feet (MW-8). The groundwater monitoring wells are constructed with a length of 2-inch diameter PVC slotted (0.10-inch) well screen 10 feet long, flush coupled with a 2-inch inside diameter PVC riser pipe to ground surface. Morie #2 sand was used as a sand pack to fill the annular space between the well screen and the borehole wall from the bottom of the hole to a minimum 2 feet above the top of the slotted well screen. A bentonite pellet/chip seal was placed above the sand pack generally about 5.0 feet thick. Cement/bentonite was placed around the well from the top of the bentonite seal to ground surface. Locking well caps were installed at the top of the riser pipe. Curb box/protective casings were installed at ground surface. A summary of the groundwater monitoring well construction details are presented in Appendix D.

Soil Sample Screening

Recovered soil samples from the two (2) additional test borings were screened in the field by a HEI environmental specialist to determine the presence of volatile organic contaminants using a Organic Vapor Monitor (OVM). The OVM measurements (reported in part per million) provide an indication of volatile organic concentrations (potential contaminants) in the recovered soil samples and an indication for health and safety concerns. Ambient "background" organic vapor measurements were taken by HEI in the field prior to sample screening. Organic vapor measurements were taken in the headspace of the sample jars of the soil samples collected during field explorations. All of the soil samples screened in the field for organic vapors were found to have concentrations at background or below background organic vapor levels.

Subsurface Conditions

Interpretations of the subsurface conditions are based on the soils and rock sampled at the test boring/monitoring well locations. Variations from the inferred soil characterizations and groundwater observations should be expected. The subsurface logs should be referred to for a specific description of the subsurface conditions at each boring location. The following descriptions of the subsurface conditions are general in nature.

Topsoil and miscellaneous fill was encountered at each of the two (2) test boring locations (MW-7 and MW-8) extending from ground surface to depths ranging from 2 feet (MW-8) to 2.5 feet (MW-7). It should be noted the test boring logs/well installation details for MW-4, MW-5 and MW-6 were not provided to HEI. Logs for the seven (7) test borings completed, by others, near the former

tank pit area indicate subsurface soil conditions similar to those encountered in MW-7 and MW-8. Borings MW-7 and MW-8 encountered auger refusal at depths of 4.9 feet and 6.4 feet, respectively. The fill material typically consists of sand with variable amounts of gravel and silt with occasional roots, brick and concrete. Variable quantities and depths of existing fill should be anticipated at the site. Brown sandy silts and clayey silts were encountered beneath the fill materials.

Bedrock was encountered in all the test borings drilled at the site in which groundwater monitoring wells were installed. The bedrock encountered at the site is Strafford Limestone Member of the Skaneateles Formation. The bedrock is a massive, gray, hard to very hard, medium bedded fossiliferous limestone with occasional dark gray shale partings. The limestone is moderately to slightly weathered near the bedrock surface with occasional slightly open bedding planes and joints. It should be noted that drill coring water was not lost during drilling indicating that the bedding planes and joints are moderately tight allowing little groundwater flowing through.

4.2 Groundwater Monitoring

Static groundwater levels were measured in the eight (8) existing monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7 and MW-8) on October 9, 1996, October 21, 1996 and October 31, 1996. Refer to Figure 3 presented in Appendix A for the monitoring well locations. The groundwater level measurements were made using an electronic water level indicator manufactured by Solinst, Inc. with both audible (beep) and visual (light) signals. The probe on the water level meter was lowered into the well riser pipe until the probe contacted the groundwater surface. The depth of the water below the top of the well riser pipe was measured to the nearest hundredth of a foot. HEI determined the relative riser casing elevations for monitoring wells MW-7 and MW-8 through optical survey procedures utilizing the foundation on the northwest corner of the building at 210 French Road as a benchmark (assumed elevation of 100.0 feet). Riser casing elevations for monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5 and MW-6 were determined by others using the same benchmark. The resulting groundwater elevations are summarized in Tables 1, 2 and 3 presented on the following pages.

Groundwater level measurements taken on October 21, 1996 and October 31, 1996 in monitoring wells MW-4 and MW-8 do not fit the general groundwater flow direction. It should be noted that the monitoring wells are installed to measure the groundwater levels near the bedrock surface. Groundwater flow in a limestone bedrock is controlled by the pattern and frequency of horizontal bedding planes and joints that transmit the groundwater. It is not uncommon to have a bedrock monitoring well that will produce little or no water and another, in the same formation, that will produce many gallons per minute.

Based on the series of groundwater elevation data, it appears the groundwater flow beneath the subject site is in a north/northeast direction toward

TABLE 1

STATIC GROUNDWATER LEVELS
MEASURED ON OCTOBER 9, 1996
CMS FACILITY, 210 FRENCH ROAD
CHEEKTOWAGA, NEW YORK

WELL DESIGNATION	REFERENCE POINT ELEVATION (ft)	GROUNDWATER MEASUREMENT (ft)	GROUNDWATER ELEVATION (ft)
MW–1	97.28	2.90	94.38
MW–2	98.14	2.43	95.71
MW–3	97.54	2.73	94.81
MW–4	96.44	2.33	94.11
MW–5	94.90	5.39	89.51
MW–6	95.40	8.34	87.06
MW–7	100.38	12.83	87.55
MW–8	98.44	6.14	92.30

NOTES:
1. A releative benchmark was established on the northwest corner of the foundation wall of the building at 210 French Road. Assume elevation of 100.00 feet.

2. Groundwater depth was measured from the top of the PVC well riser casing (reference point)

TABLE 2

STATIC GROUNDWATER LEVELS
MEASURED ON OCTOBER 21, 1996
CMS FACILITY, 210 FRENCH ROAD
CHEEKTOWAGA, NEW YORK

WELL DESIGNATION	REFERENCE POINT ELEVATION (ft)	GROUNDWATER MEASUREMENT (ft)	GROUNDWATER ELEVATION (ft)
MW-1	97.28	3.33	93.95
MW-2	98.14	1.96	96.18
MW-3	97.54	2.96	94.58
MW-4	96.44	19.03	77.41
MW-5	94.90	5.04	89.86
MW-6	95.40	11.47	83.93
MW-7	100.38	10.65	89.73
MW-8	98.44	8.14	90.30

NOTES:
1. A releative benchmark was established on the northwest corner of the foundation wall of the building at 210 French Road. Assume elevation of 100.00 feet.
2. Groundwater depth was measured from the top of the PVC well riser casing (reference point)

TABLE 3

STATIC GROUNDWATER LEVELS
MEASURED ON OCTOBER 31, 1996
CMS FACILITY, 210 FRENCH ROAD
CHEEKTOWAGA, NEW YORK

WELL DESIGNATION	REFERENCE POINT ELEVATION (ft)	GROUNDWATER MEASUREMENT (ft)	GROUNDWATER ELEVATION (ft)
MW-1	97.28	3.14	94.14
MW-2	98.14	2.05	96.09
MW-3	97.54	2.91	94.63
MW-4	96.44	17.66	78.78
MW-5	94.90	5.02	89.88
MW-6	95.40	9.85	85.55
MW-7	100.38	11.59	88.79
MW-8	98.44	7.21	91.73

NOTES:
1. A releative benchmark was established on the northwest corner of the foundation wall of the building at 210 French Road. Assume elevation of 100.00 feet.
2. Groundwater depth was measured from the top of the PVC well riser casing (reference point)

Slate Bottom Creek located approximately 2,000-feet north of the site. Refer to Figure 4 presented in Appendix A for the generalized groundwater potentiometric contour map.

4.3 Surface Soil Explorations

General

Surface soil explorations were completed on the subject property for environmental considerations. Soil samples were collected, by others, from Soil Piles 1 & 2 to determine contaminant levels in those stockpiled soils. Resultant analytical data indicated Soil Piles 1 & 2 to be impacted. However, no information as to how the samples were collected was available; therefore, any interpretation of the related analytical data by HEI would be speculation. As a result, HEI collected a representative composite soil sample from Soil Piles 1 & 2.

As requested by the NYSDEC, HEI also examined underground utilities on the subject property as potential migration pathways for contamination to move off-site. Of specific concern was a storm water drain originating in the loading bay south of the spill area, which extents north, west of the former tank pit area, towards Industrial Parkway. HEI obtained water, sediment and soil samples from the storm water catch basin and the soil bedding beneath the pipe to determine the presence of any possible contamination related to on-site conditions.

Soil Piles 1 & 2

On October 9, 1996, HEI obtained a representative composite soil sample of the impacted soils. Five (5) discrete soil samples were collected using a precleaned stainless steel hand auger. Generally, the sample locations were ten (10) to fifteen (15) from the four corners of the stock pile and one near the center. The locations were selected to yield a representative sample of the stockpiled soils. A hand auger was advanced approximately two (2) feet into the stockpiled soils, or until auger refusal at the top of asphalt, whichever came first. Discrete soil samples were collected from the auger spoil at the five different locations and placed in a stainless steel mixing bowl where they were composited into a single representative sample. The single composite soil sample was placed in a clean glass sample jar, and cooled for shipment to Upstate Laboratories, Inc. (Upstate) of Syracuse, New York for analytical testing.. Upstate is a New York State Department of Health (NYSDOH) Certified Environmental Laboratory. Chain-of-custody records were maintained throughout. The composite soil sample was analyzed for the USEPA Target Compound List (TCL) volatiles Test Method 8240 and the Target Analyte List (TAL) for metals. Analytical results are presented in Appendix E of this report and are discussed in Section 6.0.

Storm Sewer

On October 25, 1996, HEI collected water, sediment, and soil samples from a drop inlet and a storm water catch basin located near Industrial Parkway as indicated on the Site Plan Presented in Appendix A. This sampling was an

attempt to identify the presence of any contamination migrating off-site via the storm sewer noted above. A single grab water sample was obtained from the indicated drop inlet and analyzed for volatiles, EPA Method 8010/8020. Precleaned stainless steel sampling tools were used to obtain discrete sediment samples from the bottoms of the indicated drop inlet and catch basin, which were then composited in a stainless steel mixing bowl. The resultant composite sediment sample was analyzed for the TCL volatiles and the TAL metals. A stainless steel hand auger was used to collect a sample of the soil bedding material beneath the storm sewer pipe near the catch basin noted above. It appears that the piping of the storm sewer is near the bedrock in this area. A representative soil sample of the storm sewer bedding was taken at a depth of about 3.5 feet below ground surface. The soil sample was analyzed for the TCL volatiles and the TAL metals. Analytical results are presented in Appendix E and are discussed in Section 6.0 of this report.

All samples discussed above were placed in clean glass sample jars, and cooled for shipment to Upstate for the indicated analytical testing. Chain-of-custody records were maintained throughout.

5.0 GROUNDWATER MONITORING WELL DEVELOPMENT, SAMPLING AND ANALYTICAL TESTING

On-site monitoring wells MW-2, MW-3, MW-4, MW-5, MW-6, MW-7 and MW-8 were re-developed on October 9, 1996 in general accordance with NYSDEC protocols. The purpose of the well development was to increase the specific capacity of the well, to restore the natural permeability of the rock formation adjacent to the well, to remove clay/silt and other fines from the well and to obtain maximum reasonable well life. The well development criteria was to evacuate a minimum of three (3) well volumes or to completely evacuate the well to dryness twice.

The water level and bottom of the well were measured for each monitoring well. These data were used to calculate the volume of water present in each well. A dedicated polyethylene bailer was used to remove water from the monitoring wells. The well was purged repeatedly and the water was emptied into a 5-gallon calibrated pail to measure the volume evacuated. The evacuated water from the monitoring wells was emptied on the paved surface away from any monitoring wells.

General groundwater parameters (pH, temperature and physical appearance) were recorded several times during purging to determine if the groundwater was representative of the water bearing zone before a groundwater sample was collected. All monitoring wells were evacuated until approximately one (1) to four (4) well volumes were purged with dryness occurring twice.

HEI collected representative groundwater samples for analytical testing from monitoring wells MW-2, MW-3, MW-4, MW-5, MW-6, MW-7 and MW-8 subsequent to development. It should be noted that a "blind" field duplicate sample was collected from monitoring well MW-5 as part of our in-house quality control program. Groundwater samples were collected by slowly lowering a new precleaned disposable polyethylene bailer with dedicated rope into the water column. The bailer was then carefully retrieved and the water was gently poured from the bailer into four (4) 40-milliliter glass vials preserved with hydrochloric acid. The vials were visually inspected to ensure that no air bubbles were present in the sample containers after the sample was collected. The samples were properly labeled and shipped in a cooler (temperature at approximately 4 degrees C), under proper Chain-of-custody to the analytical laboratory for testing.

On October 31, 1996 HEI collected another representative groundwater sample from monitoring well MW-2, as requested by NYSDEC. HEI used the same sampling protocols as discussed above.

6.0 ANALYTICAL TESTING AND RESULTS

General

On October 9, 1996, groundwater samples were collected from seven (7) monitoring wells subsequent to re-development. The groundwater samples collected were analyzed by Upstate. The samples were analyzed for VOC's using USEPA Test Methods 8010/8020. On October 31, 1996, a groundwater sample was also collected from monitoring well MW-2. The groundwater sample was analyzed by Upstate for VOC's using USEPA Test Method 8240 and TAL metals.

HEI obtained two (2) soil samples and one (1) water sample from the catch basins along the north property line for analytical testing. The soil samples were collected from the sediment in the catch basin and the soil bedding beneath the inlet pipe. The water sample collected from the bottom of the catch basin was analyzed by Upstate for VOC's using USEPA Test Method 8010/8020. The soil samples collected were analyzed for VOC's using USEPA Test Method 8240 and TAL metals.

Soil/Sediment Samples

One representative soil sample was composited from five (5) random locations on the soil piles 1 and 2 stockpiled near the north property line east of the fenced enclosure. The sample was analyzed for the TCL volatiles by USEPA Test Method 8240 and the TAL metals. The TCL volatiles analytical test results for the composite soil sample collected are summarized in Table 4. The table also compares the most recent test results (October, 1996) with the results from analytical testing completed on the soil piles in May, 1996.

Based on the analytical test results it appears that concentrations of detected compounds have decreased from the May, 1996 sampling event to the October, 1996 sampling event. Two (2) compounds, Tetrachloroethene and 2-Butanone, were detected at concentrations of 3,600 ug/kg and 3,100 ug/kg, respectively, are above the NYSDEC TAGM , 1994 soil cleanup objectives to protect the groundwater guidelines. Two (2) inorganic (metals) compounds, Cobalt and Zinc, were detected at concentrations of 320 mg/kg and 80 mg/kg, respectively, which are slightly above the recommended soil cleanup objectives (TAGM, 1994) and/or eastern United States background levels of 60 mg/kg for Cobalt and 50 mg/kg for Zinc. However, it should be noted that various references are available which indicate that natural Zinc levels can reach concentrations of up to 300 mg/kg. In this context, HEI does not consider Zinc to represent an environmental contaminant of concern for the subject site.

HEI obtained one (1) composite sediment sample and one (1) pipe bedding sample from the storm water catch basins located near the north property line along Industrial Parkway. Refer to Figure 3 presented in Appendix A

TABLE 4

SUMMARY OF ANALYTICAL TEST RESULTS SOIL PILES #1 & #2 CONCENTRATIONS IN UG/KG – PARTS PER BILLION				
	Method 8010 May, 1996		Method 8240 October, 1996	TAGM 1994 Soil Cleanup Objectives to
COMPOUND	Pile #1	Pile #2	Piles #1 & #2	Protect Groundwater
1,1–Dichloroethane	ND	810	BDL	200
1,1,1–Trichloroethane	6200	14000	BDL	760
Tetrachloroethene	14000	28000	3600	1400
1,4–Dichlorobenzene	ND	850	**	8500
Ethylbenzene	1200	ND	BDL	5500
Total Xylenes	1690	1100	BDL	1200
2–Butanone	**	**	3100	300

** – not tested

TARGET ANALYTE LIST INORGANIC COMPOUNDS (METALS) CONCENTRATIONS IN MG/KG – PARTS PER MILLION		
COMPOUND	October, 1996 Piles #1 & #2	TAGM, 1994
Cobalt	320	60
Zinc	80	50

TABLE 5

SUMMARY OF ANALYTICAL TEST RESULTS STORM WATER CATCH BASINS			
	Method 8240 Concentrations ug/kg		TAGM 1994 Soil Cleanup Objectives to Protect Groundwater
COMPOUND	Catch Basin Sediment	Catch Basin Soil Bedding	
Methylene Chloride	11.0*	13.0*	100
1,1–Dichloroethane	18.0	BDL	200
cis–1,2–Dichloroethene	7.2	BDL	no standard
2–Butanone	40.0*	67.0*	300
1,1,1–Trichloroethane	100.0	BDL	760
Trichloroethene	6.3	BDL	700
Tetrachloroethene	78.0	4.1	1400
Toluene	BDL	5.7	1500
Chlorobenzene	BDL	48.0	1700
Total Xylenes	BDL	420.0	1200

* – present in laboratory blank

TARGET ANALYTE LIST INORGANIC COMPOUNDS (METALS) CONCENTRATIONS IN MG/KG – PARTS PER MILLION			
COMPOUND	Catch Basin Sediment	Catch Basin Soil Bedding	TAGM, 1994 Objectives
Zinc	18	140	50

SUMMARY OF ANALYTICAL TEST RESULTS STORM WATER CATCH BASINS CONCENTRATIONS IN UG/L – PARTS PER BILLION		
COMPOUND	STORM WATER CATCH BASIN	NYSDEC GA GROUNDWATER REGULATIONS
cis–1,2–Dichloroethene	4	no standard
1,1–Dichloroethane	6	5
1,1,1–Trichloroethane	30	5
Trichloroethene	1	5
Tetrachloroethene	6	5

for locations of the two storm water catch basins. The analytical test results are summarized in Table 5.

Based on these analytical test results it appears that concentrations of compounds detected in the sediment sample and the pipe bedding sample are well below the TAGM, 1994 soil cleanup objectives to protect the groundwater guidelines. One (1) inorganic compound (metals), Zinc, was detected at the concentration 140 mg/kg which is slightly above the TAGM soil cleanup objective of 50 mg/kg. However, as previously indicated, HEI does not consider Zinc to represent a contaminant of concern for this subject site. All other compound concentrations were either below the test method detection limit or below the soil background range of soils in eastern New York State. Refer to the analytical test results presented in Appendix E.

Groundwater Samples

Groundwater samples were obtained from monitoring wells MW-2, MW-3, MW-4, MW-5, MW-6, MW-7 and MW-8 installed at the subject property on October 9, 1996. Each groundwater sample collected was analyzed for volatile compounds USEPA Test Method 8010/8020. A summary of the compounds detected in each of the monitoring wells is presented in Table 6. The concentrations reported for the October, 1996 sampling event are compared to the June, 1996 sampling event and to the Class GA Groundwater Quality Standards established by the NYSDEC. Refer to Appendix E for detailed analytical test results.

A groundwater sample was also collected from monitoring well MW-2 on October 31, 1996. The groundwater sample collected was analyzed for TCL volatiles USEPA Test Method 8240 and TAL metals. A summary of the volatile compounds detected in monitoring well MW-2 is presented in Table 6. The results of the analytical testing for metals indicates that the TAL metals present in the groundwater are below New York State GA groundwater standards, and are not presented in Table 6.

A water sample was collected from the storm water catch basin located along the south side of Industrial Parkway north of the subject site. This sampling point was selected to determine if surface/near surface runoff from the subject site is significantly contaminated before the water flows off site to the north. The water sample collected was analyzed for volatiles, USEPA Test Method 8010/8020. A summary of the compounds detected in this water sample is presented in Table 5. Refer to Appendix E for detailed analytical test results.

TABLE 6

MONITORING WELL #2

COMPOUND	NYSDEC Class GA Ground Water Standard	June 1996 (E&E)* ug/l	October 1996 (Upstate)** ug/l	USEPA Test Method
1,1–Dichloroethane	5	2600	31000	8010
cis–1,2–Dichloroethene	***	1900	3600	8010
Chloroform	7	1200	BDL	8010
1,1,1–Trichloroethane	5	84000	82000	8010
Trichloroethene	5	3300	BDL	8010
Tetrachloroethene	5	11000	14000	8010
1,1,2,2–Tetrachloroethane	5	1700	BDL	8010
Toluene	5	290	BDL	8020
Ethylbenzene	5	80	BDL	8020
Total Xylenes	5	600	BDL	8020

MONITORING WELL #2

COMPOUND	NYSDEC Class GA Ground Water Standard	October 1996 (Upstate)** ug/l	USEPA Test Method
1,1–Dichloroethane	5	30000	8240
cis–1,2–Dichloroethene	***	4300	8240
1,1,1–Trichloroethane	5	81000	8240
Tetrachloroethene	5	14000	8240
Carbon Tetrachloride	5	24000	8240

* – Ecology & Environment, Inc.
** – Upstate Laboratories, Inc.
*** – no standard
BDL – Below Detection Limits

TABLE 6 (continued)

MONITORING WELL #3

COMPOUND	NYSDEC Class GA Ground Water Standard	June 1996 (E&E)* ug/l	October 1996 (Upstate)** ug/l	USEPA Test Method
1,1–Dichloroethane	5	22000	26000	8010
cis–1,2–Dichloroethene	***	3000	6700	8010
Chloroform	5	570	BDL	8010
1,1,1–Trichloroethane	5	22000	23000	8010
Tetrachloroethene	5	1600	BDL	8010
Toluene	5	70	BDL	8020
Ethylbenzene	5	17	BDL	8020
Total Xylenes	5	130	BDL	8020

MONITORING WELL #4

COMPOUND	NYSDEC Class GA Ground Water Standard	June 1996 (E&E)* ug/l	October 1996 (Upstate)** ug/l	USEPA Test Method
1,1–Dichloroethane	5	2.5	BDL	8010
Benzene	0.7	39	110	8020
Toluene	5	160	240	8020
Ethylbenzene	5	20	23	8020
Total Xylenes	5	220	247	8020

* – Ecology & Environment, Inc.
** – Upstate Laboratories, Inc.
*** – no standard
BDL – Below Detection Limits

TABLE 6 (continued)

MONITORING WELL #5

COMPOUND	NYSDEC Class GA Ground Water Standard	June 1996 (E&E)* ug/l	October 1996 (Upstate)** ug/l	USEPA Test Method
1,1–Dichloroethane	5	2000	3000	8010
cis–1,2–Dichloroethene	***	960	1200	8010
1,1,1–Trichloroethane	5	120	BDL	8010
Tetrachloroethene	5	260	240	8010
Vinyl Chloride	2	320	790	8010
1,1–Dichloroethene	5	59	BDL	8010
Benzene	0.7	1.8	BDL	8020
Toluene	5	4	BDL	8020
Total Xylenes	5	2.4	BDL	8020

MONITORING WELL #6

COMPOUND	NYSDEC Class GA Ground Water Standard	June 1996 (E&E)* ug/l	October 1996 (Upstate)** ug/l	USEPA Test Method
1,1–Dichloroethane	5	27	31	8010
cis–1,2–Dichloroethene	***	76	60	8010
Chloroform	5	2.5	BDL	8010
Trichloroethene	5	9.9	6	8010
Tetrachloroethene	5	5.2	BDL	8010
Vinyl Chloride	2	9.7	BDL	8010
Benzene	0.7	ND	10	8020
Toluene	5	4.3	34	8020
Ethylbenzene	5	1.3	11	8020
Total Xylenes	5	11	125	8020

* – Ecology & Environment, Inc.
** – Upstate Laboratories, Inc.
*** – no standard
BDL – Below Detection Limits

TABLE 6 (continued)

MONITORING WELL #7

COMPOUND	NYSDEC Class GA Ground Water Standard	October 1996 (Upstate)** ug/l	USEPA Test Method
1,1–Dichloroethane	5	1500	8010

MONITORING WELL #8

COMPOUND	NYSDEC Class GA Ground Water Standard	October 1996 (Upstate)** ug/l	USEPA Test Method
1,1–Dichloroethane	5	120	8010
cis–1,2–Dichloroethene	***	110	8010
Trichloroethene	5	9	8010
Vinyl Chloride	2	10	8010

** – Upstate Laboratories, Inc.
*** – no standard
BDL – Below Detection Limits

7.0 SUMMARY AND CONCLUSIONS

This Phase II Environmental Evaluation was completed for CMS Associates on a parcel of land located at 210 French Road in Cheektowaga, New York. Data obtained by others and data collected by HEI were relied upon for completion of this evaluation. These data include: previous studies completed at the site, subsurface explorations, and analytical testing of soil, sediment, surface water and groundwater samples. The conclusions presented below are subject to the limitations identified in this report and Appendix B. Based on the scope of work and information made available to HEI, the relevant observations and findings are summarized below.

- The subject property occupies approximately 4 acres at 210 French Road in the Town of Cheektowaga, Erie County, New York, and is currently occupied by a 1-story cement block office/warehouse with surrounding asphalt parking areas.

- Based on HEI's review of previous reports, completed by others, a 2000 gallon underground storage tank (UST) was removed from near the outside northwest corner of the building. Upon the removal of the UST from service, it was determined that chlorinated solvents, once stored in the tank, had leaked into the surrounding environment.

- In conjunction with the removal of the UST, approximately 250 tons of impacted soil was immediately excavated and stock-piled on site.

- The NYSDEC required that a Phase II Environmental Evaluation be completed to better define the groundwater conditions at the site and the identification of potential off-site receptors.

- The relatively shallow (within about 7 feet of ground surface) limestone bedrock beneath the subject site is overlain by sand silt and clayey silt indigenous soils overlain by several feet of miscellaneous fill.

- Based on groundwater level measurements taken in the monitoring wells installed at the site, it appears the general groundwater flow in the shallow bedrock is in a north/northeast direction towards Slate Bottom Creek several thousand feet north/northeast of the site.

- Several groundwater level measurements taken in monitoring wells MW-8 and MW-4 appear to be much lower than would be expected. HEI has assumed this observed site condition to be due to the bedrock quality (i.e. no open bedding planes or joints) in the coreholes at the well locations.

- Based on discussions with the Town of Cheektowaga Engineering Office and review of site topography maps, it appears that storm water/near surface drainage is somewhat controlled by site topography. Generally surface drainage on the subject property is to the north, towards the storm water catch basins and drainage ditches along the south side of Industrial Parkway. Storm water/surface water travels through a conduit beneath Industrial Parkway to the drainage systems which extends north to the railroad easement about 1500 feet north of the subject property.

- Organic vapor concentrations monitored during the advancement of two (2) additional test boring/monitoring wells (MW-7 & MW-8) as part of this environmental study were not above background concentrations.

- Based on the results of the analytical testing completed on the groundwater samples collected from the monitoring wells installed at the site, it appears that the highest concentrations of chemical compounds detected are in the general area of the former UST. Concentrations of detected compounds decrease significantly in monitoring wells cross-gradient and downgradient from the former UST pit area. This indicates that limited migration of the contaminants of concern has occurred.

- Concentrations of chemical compounds detected during the June, 1996 and the October, 1996 sampling events are generally similar. It should be noted that several chemical compounds detected in monitoring wells MW-2, MW-3, MW-4, MW-5 and MW-6 during the June, 1996 sampling event were not detected above the test method detection limit in October, 1996 (refer to Figure 5). This indicates that some level of natural contaminant attenuation may have occurred on-site.

- Concentrations of chemical compounds detected in the groundwater beneath the site are above the NYSDEC Class GA groundwater regulations. However, it does not appear that significant concentrations of chemical compounds are migrating off site in the bedrock groundwater. Further, it should be noted that all facilities and residences in the area are reportedly supplied with public water (Erie County Water Authority).

- The results of the analytical testing completed on the catch basin sediment, water in the catch basin and bedding beneath a catch basin inlet pipe indicate that surface and/or shallow contamination on the subject property is not migrating off site. Concentrations detected in the samples collected are well below the TAGM 1994 soil cleanup objectives to protect the groundwater, except for Zinc, which is within the range of natural soil concentrations. In this respect, no sediment or soil cleanup should be required in the drainage ditches, storm water catch basins or in the drainage pipe bedding.

- Results of the analytical testing completed on the one (1) composite soil sample collected from soil piles 1 & 2 indicated that only two (2) organic compounds 2-Butanone and tetrachloroethene were detected, at concentrations of 3100 ug/kg and 3600 ug/kg, respectively. These concentrations are slightly above the TAGM, 1994 Soil Clean-up Objectives to protect the groundwater. The metal Cobalt was detected at a concentration (320 mg/kg) above the recommended clean-up objective (30 mg/kg), but must be evaluated with respect to existing on-site conditions. Zinc was also detected above the clean-up objective, but is within the range of natural soil concentrations.

As indicated in Section 1.0, the stated purpose of this site investigation was to better characterize existing on-site environmental conditions and determine the potential impact on off-site receptors. To that end, detailed hydrogeologic and analytical data have been obtained concerning on-site conditions. In general, HEI has determined that contaminants do exist in the groundwater within the area of the site immediately surrounding the former UST, which represented the contaminant source. However, considering the minimal groundwater, surface water and sediment contaminant concentrations detected along the northern property boundary (downgradient and downslope), no clear evidence is available that the migration of contaminants from the subject site is occurring at present. If such migration is actually occurring, it is at an extremely limited extent which does not present a clear impact to either the surrounding environment or public health and welfare.

With respect to the contaminated soils stockpiled on-site, arrangements for on-site treatment and subsequent use as surface fill have been initiated with the NYSDEC, and preliminary approvals for the proposed remedial procedures have been provided by that agency. Upon initiation of the remedial program, this former source of contaminants will have been removed from consideration with respect to a potential impact on either the surrounding environment or public health and welfare.

8.0 RECOMMENDATIONS

Following the completion of the site investigation activities and the evaluation of available data and information, as presented above in this report, HEI has formulated several recommendations with respect to subsequent site management options which are presented to the NYSDEC for consideration. These are as follows:

- o Surface and shallow soils from various areas of the subject site should be sampled and analyzed for the parameter Cobalt. It should be noted that the TAGM cleanup objectives provide optional concentrations which are based upon a site's existing background levels.

- o Based upon the groundwater flow direction (refer to Figure 4, Appendix A), HEI recommends the installation of one (1) additional groundwater monitoring well to be located along the northern property boundary east of the fenced enclosure. The well installation details should be similar to those of the existing monitoring wells. This well is recommended to provide what would be considered a true downgradient well with respect to the former source of contaminants.

- o With respect to the elevated contaminant levels detected in the monitoring wells surrounding the former tank pit (MW-1, MW-2 and MW-3), HEI recommends that a low permeability surface (e.g., asphalt parking area) be installed over the former tank location to limit the infiltration of precipitation within this area of the site, thereby minimizing any potential contaminant migration driving force. This recommendation also includes the removal from service of monitoring wells MW-1, MW-2 and MW-3.

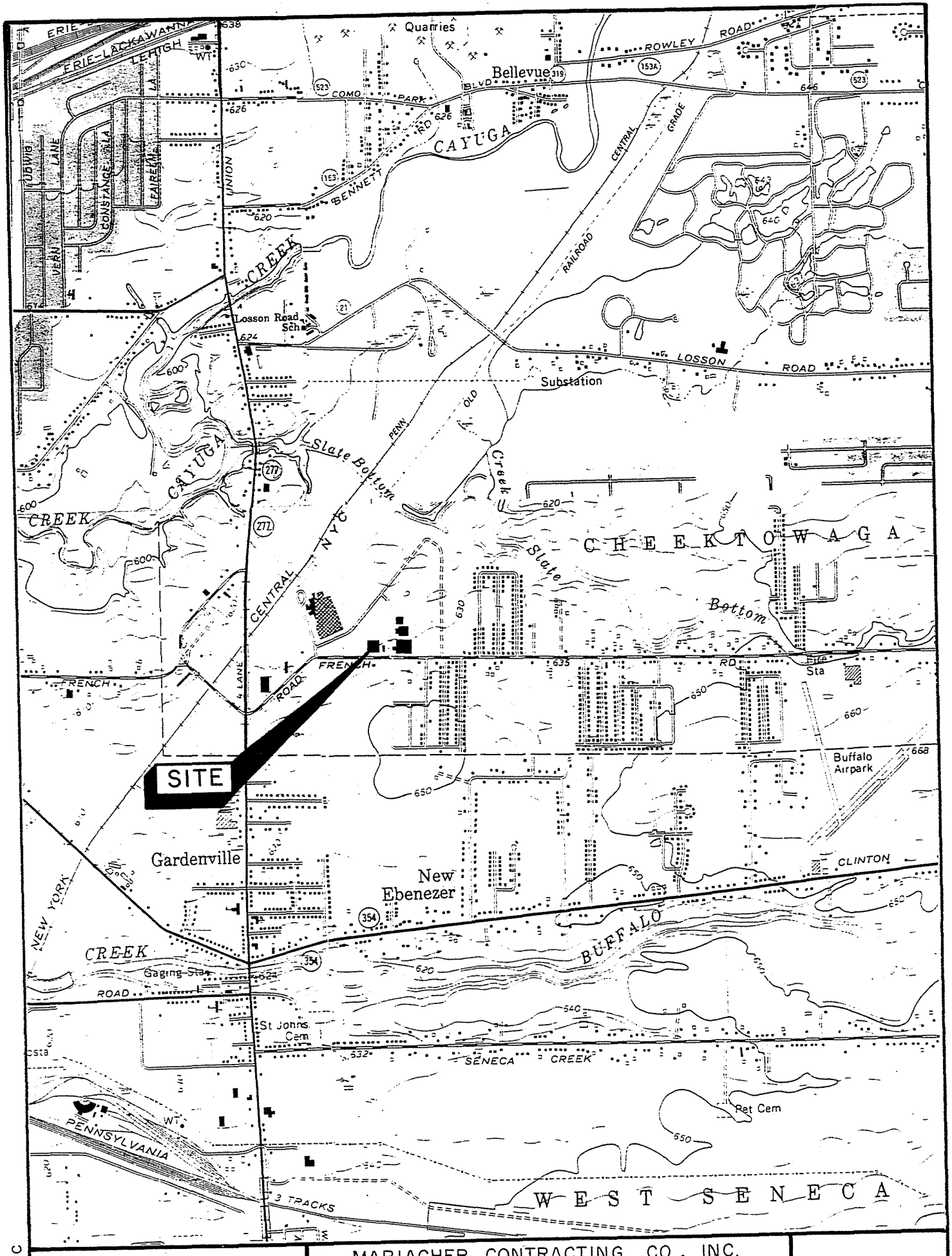
- o Based upon the minimal contaminant migration potential which exists at this site, HEI recommends completing semi-annual groundwater monitoring (i.e., sampling and analysis and water level measurement). The monitoring activities would be carried out on the following wells: MW-4, MW-5, MW-6, MW-7, MW-8 and the new downgradient monitoring well. The groundwater samples collected should be analyzed for volatile organic compounds by USEPA Method 8010/8020.

- o The approximately 350 tons of soil and fill materials contaminated with solvent blend generated by the on-site UST removal activities currently exist on site on and under plastic sheeting. HEI has recommended that a soil vapor extraction/bioremediation system be implemented for on-site remediation of the soil piles. To undertake this approach, all contaminated materials will initially be placed into polyethylene lined "soil boxes". Bacteria to be utilized in this program will have been genetically selected to degrade the contaminants of concern at this site, as recommended by a commercial supplier. The vapor extraction system will include horizontal

PVC vapor extraction lines and air inlet lines, manifolds and an explosion proof blower. Emissions of VOCs to the atmosphere from the remedial systems will be controlled by the use of activated carbon canisters, as necessary according to NYSDEC regulations. NYSDEC correspondence dated November 12, 1996 preliminarily accepts this design concept. Detailed design drawings have been prepared under separate cover. It should be noted that this recommended remedial method will not address the Cobalt levels detected in the soil piles that exceed TAGM clean-up objectives. However, HEI suggests based upon limited knowledge of former manufacturing operations at this facility, that Cobalt is not a contaminant, and that the levels detected simply reflect existing site background concentrations.

APPENDIX A

DRAWINGS



HAZARD EVALUATIONS	MARIACHER CONTRACTING CO., INC. CHEEKTOWAGA, N.Y. LOCATION PLAN	FIGURE 1

08803-C

LEGEND

STORMWATER DRAINAGE AND DIRECTION

STORMWATER CATCH BASIN

STORMWATER CULVERT

VACANT
H&S AUTO SHOP

FIRE STATION

COMAIRCO, INC.

TRUCO ENGINE, INC.

STOCKPILE NO. 1
(COVERED)

THICK TALL GRASS

CONCRETE BLOCK BUILDING
(210 FRENCH ROAD)
OFFICE/WAREHOUSE

FENCE ENCLOSURE

PAVEMENT

OVERHEAD DOORS

GRASS

ROAD

36" STORM WATER CULVERT

VACANT LAND (TREE COVERED)

APPROXIMATE PROPERTY LIMITS

GRASS

ABANDONED CATCH BASIN

"HIGHLY CONTAMINATED"
STOCKPILE (COVERED)

FORMER UST

LOADING DOCK AREA

GRASS

FRENCH

INDUSTRIAL

ASPHALT PAVEMENT

SCRIVNER OF WNY

PARKWAY

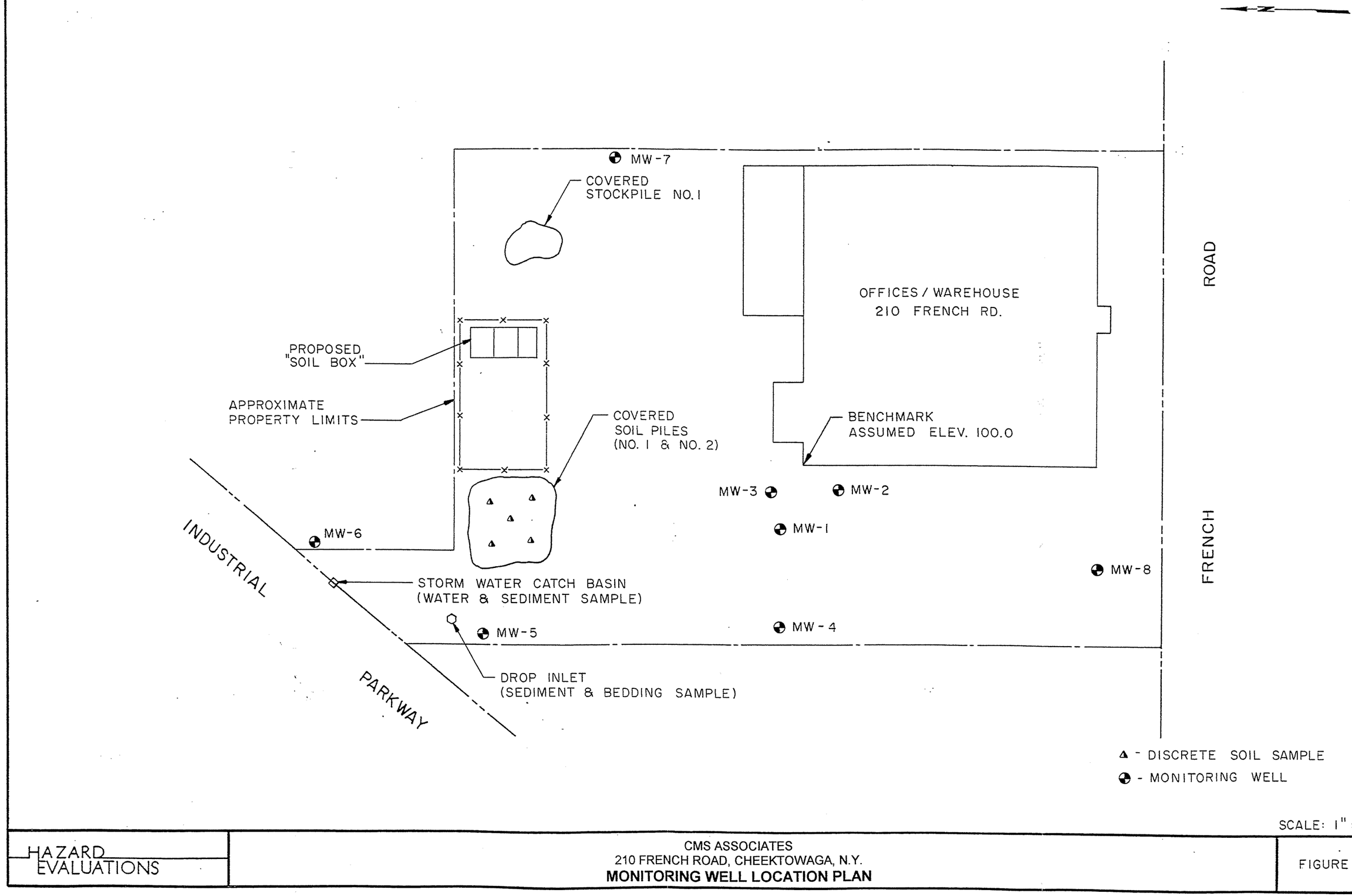
ROSINA FOOD PRODUCTS, INC.

SCALE: 1" = 60'

HAZARD EVALUATIONS

CMS ASSOCIATES
210 FRENCH ROAD, CHEEKTOWAGA, N.Y.
SITE PLAN

FIGURE 2



SCALE: 1" = 60'

HAZARD EVALUATIONS

CMS ASSOCIATES
210 FRENCH ROAD, CHEEKTOWAGA, N.Y.
MONITORING WELL LOCATION PLAN

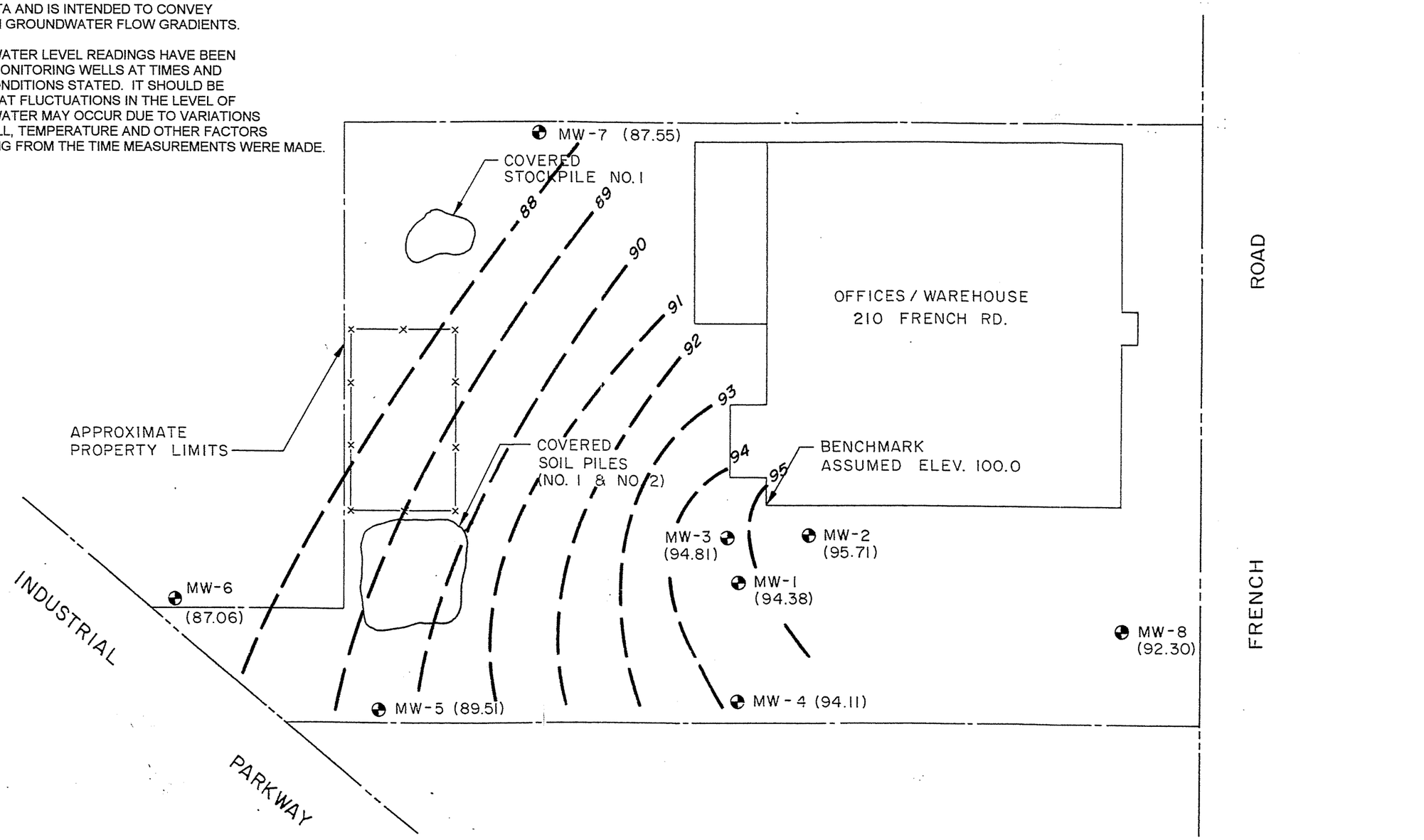
FIGURE 3

NOTE(S):

1) A RELATIVE BENCHMARK WAS ESTABLISHED ON THE NORTHWEST CORNER OF THE BUILDING. ASSUMED ELEVATION 100.00 FEET.

2) THE GENERALIZED POTENTIOMETRIC SURFACE IS DRAWN FROM AVAILABLE GROUNDWATER LEVEL DATA AND IS INTENDED TO CONVEY TRENDS IN GROUNDWATER FLOW GRADIENTS.

3) GROUNDWATER LEVEL READINGS HAVE BEEN MADE IN MONITORING WELLS AT TIMES AND UNDER CONDITIONS STATED. IT SHOULD BE NOTED THAT FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO VARIATIONS IN RAINFALL, TEMPERATURE AND OTHER FACTORS OCCURRING FROM THE TIME MEASUREMENTS WERE MADE.



(94.0) - GROUNDWATER ELEVATION

⊕ - MONITORING WELL

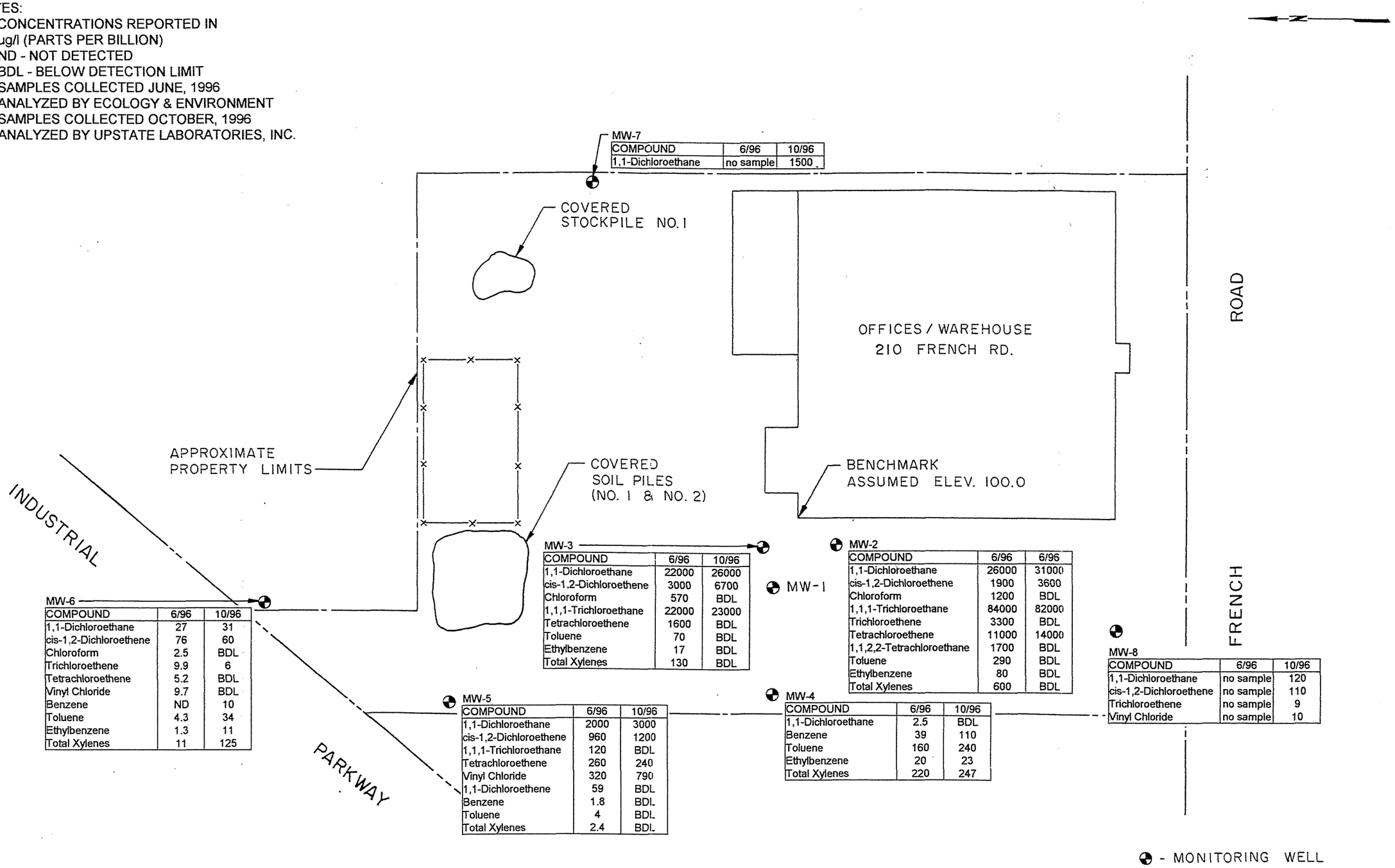
SCALE: 1" = 60'

HAZARD EVALUATIONS

CMS ASSOCIATES
210 FRENCH ROAD, CHEEKTOWAGA, N.Y.
GROUNDWATER GRADIENT PLAN (OCTOBER 9, 1996)

FIGURE 4

NOTES:
- o CONCENTRATIONS REPORTED IN ug/l (PARTS PER BILLION)
- o ND - NOT DETECTED
- o BDL - BELOW DETECTION LIMIT
- o SAMPLES COLLECTED JUNE, 1996 ANALYZED BY ECOLOGY & ENVIRONMENT
- o SAMPLES COLLECTED OCTOBER, 1996 ANALYZED BY UPSTATE LABORATORIES, INC.



SCALE: 1" = 60'

HAZARD EVALUATIONS

CMS ASSOCIATES
210 FRENCH ROAD, CHEEKTOWAGA, N.Y.
SUMMARY OF ANALYTICAL TESTING RESULTS

FIGURE 5

APPENDIX B

LIMITATIONS

APPENDIX B

LIMITATIONS

1. Hazard Evaluations, Inc. (HEI), completed this Phase II Environmental Evaluation in accordance with generally accepted current practices of other consultants undertaking similar studies. HEI observed that degree of care and skill generally exercised by other consultants under similar circumstances and conditions. HEI's findings and conclusions must be considered not as scientific certainties but as probabilities based on our professional judgment concerning the significance of the limited data gathered during the course of the investigation. Specifically, HEI does not and cannot represent that the site contains no hazardous material, petroleum products, or other latent conditions beyond that observed by HEI during this Environmental Evaluation.

2. The observations described in this report were made under conditions stated therein. The conclusions presented in the report were based solely upon the services described therein and not tasks and procedures beyond the scope of described services or the time and budgetary constraints imposed by the client.

3. In preparing this report, HEI has relied on certain information provided by other consultants the State, County and Town officials and other parties referenced herein and on information contained in the files of state and local agencies made available to HEI at the time of the study.

4. Observations were made of the subject site and on adjacent sites as indicated within the report. Where access to portions of the site or the structures on adjacent sites were limited or unavailable, HEI renders no opinion as to the presence of hazardous materials or to the presence of indirect evidence relating to hazardous materials in that portion of the site or adjacent structures.

5. Unless otherwise specified in the report, HEI did not perform testing or analyses to determine the presence or concentrations of hazardous chemical compounds, petroleum products, asbestos or radon.

6. No specific attempt was made to check on the compliance of present or past owners or operators of the site with Federal, State, or Local laws and regulations, environmental or otherwise.

7. The generalized subsurface profiles described on the test boring logs and in the report text are intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized and have been developed by interpretations of widely spaced explorations and samples. Actual soil and rock transition are probably more gradual. For specific information, refer to the test boring logs.

8. Groundwater level measurements have been made in the explorations and monitoring wells at the times and under conditions stated. It should be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall, temperature and other factors occurring from the time measurements were made.

9. It should be noted that fluctuations in the concentrations of chemical compounds may occur due to variations in groundwater levels due to changes in rainfall, temperature and other factors occurring at the time samples were collected.

10. This report has been prepared for the exclusive use of CMS Associates and designated agents for the specific application to the subject property in accordance with generally accepted engineering practice. No other warranty, expressed or implied, is made. The environmental concerns noted in this report, if any, are applicable to the current identified proposed usage of the property.

APPENDIX C

PREVIOUS REPORTS

Environmental Real Property Audit
for
Mariacher Contracting Co., Inc.
for property located at
210 French Rd., Cheektowaga, NY

North American Environmental Services Corp.
P.O. Box 66
2321 Kenmore Ave.
Buffalo, NY 14207-0066

NORTH AMERICAN ENVIRONMENTAL SERVICES CORP
P.O. BOX 66
2321 KENMORE AVENUE
BUFFALO, N.Y. 14207-0066
TEL. (716) 875-2903
FAX (716) 875-2374

10/10/89

Mariacher Contracting Co., Inc.
2303 Union Rd.
Cheektowaga, NY 14227

Attn: Mr. Robert Mariarcher

Re: Letter of Transmittal, Environmental Audit for property located at 210 French Rd., Cheektowaga, NY.

Dear Mr. Mariarcher:

North American Environmental Services is pleased to submit herewith, our completed Environmental Audit for the above captioned property.

Based upon the Visual On-Site Inspection of the interior and exterior of the property, review of documents of both tenants relative to environmental issues, and contact with the New York State Department of Environmental Conservation (NYSDEC), we have determined that the property appears to be in compliance with current New York State Environmental Conservation Laws.

If you have any questions concerning this Audit or require additional information, please contact me at your convenience.

Very Truly Yours,

John D. Bradshaw
Enclosures

Environmental Audit for property located at 210 French Rd., Cheektowaga, NY

I. Introduction

The building of the property in question is occupied by Biel's Microfilm Corp. and Com-Cir-Tek, Inc. (CCT). A visual inspection of the area leased by Biel's Microfilm Corp. indicated a light commercial usage of the space. Only a small quantity of developer/replenisher and fixer solutions are used in a small microfilm developing operation.(see Appendix A for MSDS on chemicals used.) Based upon the visual inspection of Biel's Microfilm, the potential of site contamination from Biel's operation is extremely minimal to nonexistent. A visual inspection of the area leased by CCT indicated an extensive use of chemicals employed in the process of manufacturing printed circuit boards.(see Appendix A for list of raw chemicals and hazardous waste generation for CCT.) Therefore, the remainder of this report deals with the impact of CCT's operations on the property in question.

Visual on-site inspection forms and supporting documents relative to CCT's impact on the property in question are contained in the following sections and appendices of this report:

SECTION I: Visual Site Inspection Forms.

A) Form EI-1: Site Inspection Form. (Exterior visual inspection of site)
B) Form BL-1: Building Inspection Form. (Interior visual inspection of site)

Appendix A: Raw Chemicals and Hazardous Waste Generation.

A) Raw chemicals used by Biel's Microfilm. (MSDS)
B) Raw chemicals used and hazardous wastes generated by CCT.

Appendix B: NYSDEC Actions/Inspections/Corrective measures/Communications.

A) Misdemeanor Complaint and resolution by CCT of NYSDEC complaint concerning storing of hazardous waste beyond 90 day limit allowed by law.
B) Current (05/11/88) NYSDEC inspection of CCT's operation outlining only minor deficiencies.
C) Letter form CCT to NYSDEC dated 06/30/88 indicating corrective actions undertaken to remedy deficiencies of NYSDEC inspection of 05/11/88.
D) NAES file memo of 10/05/89 outlining telephone conversation with NYSDEC representative regarding current compliance status of CCT.

APPENDIX C: CCT Policies/Records/Permits/Agreements/Other inspections.

A) CCT Emergency Response Plan.
B) CCT Spill Control Plan.
C) CCT Spill Prevention, Control, and Countermeasure Plan.
D) Current (1988) Air Emission Permits from NYSDEC.
E) Current (1988) Annual Report of Hazardous Waste Generation to NYSDEC.
F) Current (1989) Buffalo Sewer Authority Discharge Permit and Agreement.
G) Current (09/14/89) Buffalo Sewer Authority Inspection of CCT effluent.

Environmental Audit
for property located at
210 French Rd., Cheektowaga, NY

II. Overview of NYSDEC Compliance.

During May of 1987, the NYSDEC performed an unannounced inspection of CCT's records relative to all phases of Environmental Conservation Law Compliance. Samples of waste materials as well as soil samples were collected and analyzed. The only charge stemming from this inspection was a misdemeanor offense of storing hazardous waste longer then the 90 day period allowed by law. This offense was resolved by CCT by paying a $5,000 fine. (Appendix B).

One year later (May 1988) the NYSDEC conducted a follow-up inspection of CCT's operations. (Appendix B). Several minor violations were cited and CCT was given 30 days to correct the deficiencies. Appendix B contains a letter from CCT to NYSDEC indicating the corrective measures undertaken. Furthermore Appendix B contains a response letter from NYSDEC indicating that the corrective measures were found to be satisfactory.

Appendix B also contains a North American file memo outlining a telephone conversation with a NYSDEC representative concerning the current compliance status of CCT's operations and the property in question. According to Mr. Glen Bailey of the NYSDEC Department of Environmental Enforcement there are NO legal actions pending against CCT or the property in question and the results of the sampling and analysis program undertaken in May of 1987 did NOT reveal any contamination of the property. Furthermore, the property is NOT listed in the NYSDEC Hazardous Waste Site Registry.

III. Overview of CCT Policies/Records/Permits/Agreements/Other inspections.

A review of CCT's records which included Emergency and spill Response Policies, Annual Reports on Hazardous waste Activity, Hazardous Waste Manifests and shipping documents, Air Emission Permits, and Buffalo Sewer Authority Pretreatment Effluent Discharge permits was also undertaken during the visual on-site inspection and are contained in Appendix C. Appendix C also contains a letter from the Buffalo Sewer Authority indicating CCT's compliance with the Authorty's inspection of CCT's facility on 09/14/89.

All documents reviewed were openly presented by CCT and appeared to be current, well organized, and accurate.

IV. Conclusions

Based upon the Visual On-site Inspection of the Interior and Exterior of the property located at 210 French Rd. in Cheektowaga, New York, the review of documents of both tenants relative to environmental issues, and contact with the NYSDEC, North American Environmental Services Corp. has determined that the property appears to be in compliance with current New York State Environmental Conservation Laws.

SECTION I: Visual Site Inspection Forms.

A) Form EI-1: Site Inspection Form. (Exterior visual inspection of site)
B) Form BL-1: Building Inspection Form. (Interior visual inspection of site)
C) Unscaled Site Plan and Building Plan.

FORM EI-1

SITE INSPECTION SURVEY

LENDER Lockport Savings Bank CB/SB Savings JOB# 8902

ADDRESS _____ CITY _____ STATE _____ ZIP _____

CONTACT _____ TITLE _____ TELEPHONE _____

SURVEY

BORROWER Mariarcher Contracting Co., Inc. DATE 10/04/89 IDN# N/A

ADDRESS 2303 Union Rd CITY Cheektowaga STATE NY ZIP 14227

CONTACT Robert Mariarcher TITLE President TELEPHONE 716-668-8515

SITE LOCATION 210 French Rd. CITY Cheektowaga STATE NY ZIP 14227

LEASED/RENTED Leased TERM N/A OWNER Robert Mariarcher

SITE CONTACT Jack Byrne, President Com-Cir-tek TELEPHONE 716-668-3801

PRIMARY ACTIVITIES CONDUCTED ON-SITE

1) Com-Cir-Tek: Manufacturer of printed circurt boards.

YEARS AT THIS LOCATION 19 # EMPLOYEES 60 FLOOR AREA 30,000 sq-ft

2) Biels Microfilm Corp.: Microfilm systems, storage, and developing.

YEARS AT THIS LOCATION 1 # EMPLOYEES N/A FLOOR AREA 14,000 sq-ft

PAST SITE USERS

DATES	*NAME*	*ACTIVITY*
3) 1964-1970	Moog Aerospace	Machining operations
4) Prior 1964	NY Central RR	Undeveloped land

ATTACH NYSDEC ACTIONS/INSPECTIONS FOR ANY OF THE ABOVE Yes

ATTACH FILE MEMOS OF NYSDEC TELEPHONE CONVERSATIONS Yes

ADJACENT ENVIRONMENTALLY SENSITIVE PROPERTIES

DISTANCE	*NAME*	*ADDRESS*	*ACTIVITY*
1) N/A			
2)			

FORM EI-1

INDICATION OF HAZARDOUS MATERIAL USE AND WASTE GENERATION

SURVEY ITEM (Y/N)>	*PRESENT ON-SITE*	*STORAGE ON-SITE*	*TREATED ON-SITE*	*DISPOSE ON-SITE*	*DISPOSED OFF-SITE*
AIR EMISSIONS	YES	N/A	N/A	N/A	N/A
PETROLEUM FUEL/STOCKS	NO				
PESTICIDES/HERBICIDES	NO				
PCB'S/PCB EQUIPMENT	NO				
ASBESTOS MATERIALS	NO				
HAZARDOUS CHEMICALS	YES	YES	N/A	N/A	N/A
HAZARDOUS BIOLOGICALS	NO				
RADIOACTIVE MATERIAL	NO				
PETROLEUM LIQ WASTES	NO				
CONCENTRATE LIQ WASTE	YES	YES	YES	NO	YES
SOLID WASTES/SLUDGES	YES	YES	NO	NO	YES

ATTACH EMERGENCY RESPONCE PLAN Yes SPILL NOTIFICATION PLAN Yes

ATTACH HAZARDOUS MATERIAL INVENTORY Yes AIR EMISSION PERMITS Yes

ATTACH ANNUAL REPORT ON HAZARDOUS WASTE ACTIVITY Yes AND MANIFESTS No

INDICATION OF WASTEWATER GENERATION

SURVEY ITEM (Y/N)>	*VOLUMES (GPD)*	*STORAGE ON-SITE*	*TREATED ON-SITE*	*DISPOSE ON-SITE*	*DISPOSED OFF-SITE*
SANITARY WASTEWATER	3,000	NO	NO	NO	YES
PROCESS WASTEWATER	30,000	NO	YES	NO	YES
CONTACT COOLING WATER	NO				
BOILER BLOWDOWN WASTE	NO				
FILTER BACKWASH WASTE	NO				
ROOF/FLOOR DRAIN FLOW	YES	NO	YES	NO	YES
NON-CONTACT COOLING	NO				
STORM WATER DISCHARGE	N/A				

DISCHARGES TO A POTW (Y/N)>> PRETREATED EFFLUENT YES UNTREATED EFFLUENT N/A

POTW FACILITY Buffalo Sewer Authorty CITY Buffalo STATE NY ZIP 14202

ATTACH TREATMENT SYSTEM/INSPECTIONS/SEWER USE AGREEMENTS (Y/N)> Yes

WATER SUPPLY SURVEY

UTILITY SUPPLIER: Erie County Water Auth. CITY Buffalo STATE NY ZIP 14203

		BREAKDOWN OF DAILY VOLUME (GPD)			
SUPPLY SOURCE	*SOURCE VOLUME*	*POTABLE WATER*	*PROCESS WATER*	*CONTACT COOLING*	*NON-CONTACT COOLING*
UTILITY SUPPLY	33,000	3,000	30,000	N/A	N/A
SURFACE WATERS	N/A				
DRILLED WELLS	N/A				
SPRINGS/OTHER	N/A				

ATTACH WATER CONSUMPTION RECORDS No REVIEWED Yes

FORM EI-1

GENERAL SITE CHARACTERISTICS

ATTACH SITE PLAN (Y/N)>> SCALED____ NO SCALE Yes FENCED No AREA Appx. 3 acres

FORM TOPOGRAPHY
TP-1 ATTACH (Y/N) N Level

FORM SOIL PROFILE
SP-1 ATTACH (Y/N) N Clay barrier at appx. 3 feet, bedrock below clay.

FORM VEGETATION
VG-1 ATTACH (Y/N) N N/A

FORM ENDANGERED WILDLIFE HABITAT
EW-1 ATTACH (Y/N) N N/A

FORM ARCHAEOLOGICAL/HISTORICAL SITES
AH-1 ATTACH (Y/N) N N/A

NATURAL SURFACE AND GROUNDWATERS BORDERING OR COURSING SITE

WATERSHED N/A CLASS

NAME	*APPARENT QUALITY*	*7DY/10YR FW-CLASS*	
SW-01 N/A			
SW-02 N/A			

ATTACH FOR ADDITIONAL LISTINGS, DETAILS AND INFORMATION (Y/N) No

100 YEAR FLOOD PLAIN OR WETLAND ENCROACHMENT

SW-01 N/A DEC #

SW-02 N/A DEC #

ATTACH FOR ADDITIONAL LISTINGS, DETAILS AND INFORMATION (Y/N) No

SPRING/ARTESIAN FORMATIONS	*DRILLED/DRIVEN WELLS*	*WITHDRAWAL PERMIT*
GW-01 N/A	GW-02	DEC #
GW-03 a/A	GW-04	DEC #

ATTACH FOR ADDITIONAL LISTINGS, DETAILS AND INFORMATION (Y/N) No

ATTACH PERMITS>> FLOOD PLAIN/WETLAND ENCROACHMENT No WATER WITHDRAWAL No

FORM EI-1

ON-SITE APPURTENANCES/HAZARDOUS MATERIAL-WASTE/CONTAMINATED AREAS

COMMENTS SEE FORM EI-1 Pg -5- THRU Pg-5

APPURTENANCES	IDENT+>	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
BUILDINGS/PROCESS AREA	S-01-	X	X	X																						
FIRE HYDRANT/STANDPIPE	S-02-																									
PAVED/UN-PAVED ROADS	S-03-																									
CULVERTS/BRIDGES	S-04-																									
PAVED/UN-PAVED PARKING	S-05-	X																								
TRAILS/FOOTPATHS/WALKS	S-06-																									
RAILROAD RIGHT-OF-WAYS	S-07-																									
PIPELINE RIGHT-OF-WAYS	S-08-																									
ELECTRIC SUB-STATIONS	S-09-																									
PUMP/EJECTOR STATIONS	S-10-																									
STORM SEWER CATCHBASIN	S-11-																									
WASTEWATER MANHOLES	S-12-	X																								
SEPTIC TANK/LEACH BEDS	S-13-																									
WASTEWATER OUTLET PIPE	S-14-																									
DRAINAGE DITCHS/SWAILS	S-15-																									
STORMWATER OUTLET PIPE	S-16-																									
LIQUID IMPOUNDMENTS	S-17-																									
DISCHARGE OUTLET PIPE	S-18-																									
SPILL CONTAINMENT BERM	S-19-																									
SUBSURFACE FILL PIPES	S-20-																									
OIL/GAS/PROPANE TANKS	S-21-																									
STACKED DRUMS/BARRELS	S-22-	X																								
OIL/NATURAL GAS WELLS	S-23-																									
GW MONITORING WELLS	S-24-																									
OTHER APPURTENANCES	S-25-																									
HAZARDOUS MATERIALS	**IDENT+>**	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**	**N**	**O**	**P**	**Q**	**R**	**S**	**T**	**U**	**V**	**W**	**X**	**Y**
AIR EMISSIONS	S-AE-	X																								
PETROLEUM FUEL/STOCKS	S-PF-																									
PESTICIDES/HERBICIDES	S-PH-																									
PCB'S/PCB EQUIPMENT	S-PC-																									
ASBESTOS MATERIALS	S-AM-																									
HAZARDOUS CHEMICALS	S-HC-	X																								
RADIOACTIVE MATERIAL	S-RA-																									
PETROLEUM LIQ WASTES	S-PW-																									
CONCENTRATE LIQ WASTE	S-CW-																									
WASTEWATER SOURCES	S-WW-																									
SOLID WASTES/SLUDGES	S-SW-																									
CONTAMINATED AREAS	**IDENT+>**	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**	**N**	**O**	**P**	**Q**	**R**	**S**	**T**	**U**	**V**	**W**	**X**	**Y**
DEAD VEGETATION	S-26-																									
DISCOLORED SOILS	S-27-																									
ODOROUS SOILS	S-28-																									
HILLS/MOUNDS	S-29-																									
DEPRESSIONS/GULLIES	S-30-																									
WEEPING LIQUIDS	S-31-																									
PONDED LIQUIDS	S-32-																									
ODOROUS LIQUIDS	S-33-																									
DISCOLORED LIQUIDS	S-34-																									
PETROLEUM SPILLS/FILM	S-35-																									
LEAKING CONTAINERS	S-36-																									
LEAKING TANKAGE/PIPING	S-37-																									
REFUSE PILES/LITTER	S-38-																									
STOCK PILED MATERIALS	S-39-																									
OTHER CONTAMINATION	S-40-																									

FORM EI-1

ON-SITE APPURTENANCES/HAZARDOUS MATERIAL-WASTE/CONTAMINATED AREAS

COMMENTS SEE FORM EI-1 Pg -5- THRU Pg-5

APPURTENANCES	IDENT+>	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
BUILDINGS/PROCESS AREA	S-01-	X	X	X																						
FIRE HYDRANT/STANDPIPE	S-02-																									
PAVED/UN-PAVED ROADS	S-03-																									
CULVERTS/BRIDGES	S-04-																									
PAVED/UN-PAVED PARKING	S-05-	X																								
TRAILS/FOOTPATHS/WALKS	S-06-																									
RAILROAD RIGHT-OF-WAYS	S-07-																									
PIPELINE RIGHT-OF-WAYS	S-08-																									
ELECTRIC SUB-STATIONS	S-09-																									
PUMP/EJECTOR STATIONS	S-10-																									
STORM SEWER CATCHBASIN	S-11-																									
WASTEWATER MANHOLES	S-12-	X																								
SEPTIC TANK/LEACH BEDS	S-13-																									
WASTEWATER OUTLET PIPE	S-14-																									
DRAINAGE DITCHS/SWAILS	S-15-																									
STORMWATER OUTLET PIPE	S-16-																									
LIQUID IMPOUNDMENTS	S-17-																									
DISCHARGE OUTLET PIPE	S-18-																									
SPILL CONTAINMENT BERM	S-19-																									
SUBSURFACE FILL PIPES	S-20-																									
OIL/GAS/PROPANE TANKS	S-21-																									
STACKED DRUMS/BARRELS	S-22-	X																								
OIL/NATURAL GAS WELLS	S-23-																									
GW MONITORING WELLS	S-24-																									
OTHER APPURTENANCES	S-25-																									

HAZARDOUS MATERIALS	IDENT+>	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
AIR EMISSIONS	S-AE-	X																								
PETROLEUM FUEL/STOCKS	S-PF-																									
PESTICIDES/HERBICIDES	S-PH-																									
PCB'S/PCB EQUIPMENT	S-PC-																									
ASBESTOS MATERIALS	S-AM-																									
HAZARDOUS CHEMICALS	S-HC-	X																								
RADIOACTIVE MATERIAL	S-RA-																									
PETROLEUM LIQ WASTES	S-PW-																									
CONCENTRATE LIQ WASTE	S-CW-																									
WASTEWATER SOURCES	S-WW-																									
SOLID WASTES/SLUDGES	S-SW-																									

CONTAMINATED AREAS	IDENT+>	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
DEAD VEGETATION	S-26-																									
DISCOLORED SOILS	S-27-																									
ODOROUS SOILS	S-28-																									
HILLS/MOUNDS	S-29-																									
DEPRESSIONS/GULLIES	S-30-																									
WEEPING LIQUIDS	S-31-																									
PONDED LIQUIDS	S-32-																									
ODOROUS LIQUIDS	S-33-																									
DISCOLORED LIQUIDS	S-34-																									
PETROLEUM SPILLS/FILM	S-35-																									
LEAKING CONTAINERS	S-36-																									
LEAKING TANKAGE/PIPING	S-37-																									
REFUSE PILES/LITTER	S-38-																									
STOCK PILED MATERIALS	S-39-																									
OTHER CONTAMINATION	S-40-																									

FORM EI-1

DETAILED COMMENTS AND IDENTIFICATION OF ON-SITE APPURTENANCES, HAZARDOUS MATERIALS-WASTES, AND CONTAMINATED AREAS

IDENT+	*IDENTIFICATION AND COMMENTS*
S-01-A	MAIN BUILDING
S-01-B	LOCKED METAL STORAGE SHED.
S-01-C	FENCED PAVED AREA FOR STORAGE OF OUTDATED EQUIPMENT.
S-05-A	PARKING AREA.
S-12-A	SAMPLING POINT OF PRETREATED PROCESS WASTWATER DISCHARGED TO THE BUFFALO SEWER AUTHORTY.
S-22-A	EMPTY, CLEAN 55 GALLON STEEL DRUMS.
S-AE-A	APPX. LOCATION OF DEC PERMITED AIR EMISSIONS.
S-HC-A	FLAMMABLE LIQUID STORAGE, SEGREGATED FROM MAIN BUILDING TO REDUCE FIRE HAZARD.

FORM BL-1

BUILDING INSPECTION FORM

NAME 210 French Rd. DATE CONSTRUCTED 1970 IDN# N/A

ATTACH FLOOR PLAN: SCALED ____ NO SCALE Yes # FLOORS 1 AREA 44,000 sq ft

BASIC CONSTRUCTION AND MATERIALS

Concrete slab floor, brick and steel walls, steel joist and metal deck roof

---

WALL & METAL BEAM INSULATION (Y/N)> UREA/FORMALDEHYDE FOAM No ASBESTOS No

HAZARDOUS MATERIALS-WASTE/SAFETY SYSTEMS/WASTEWATER/CONTAMINATION

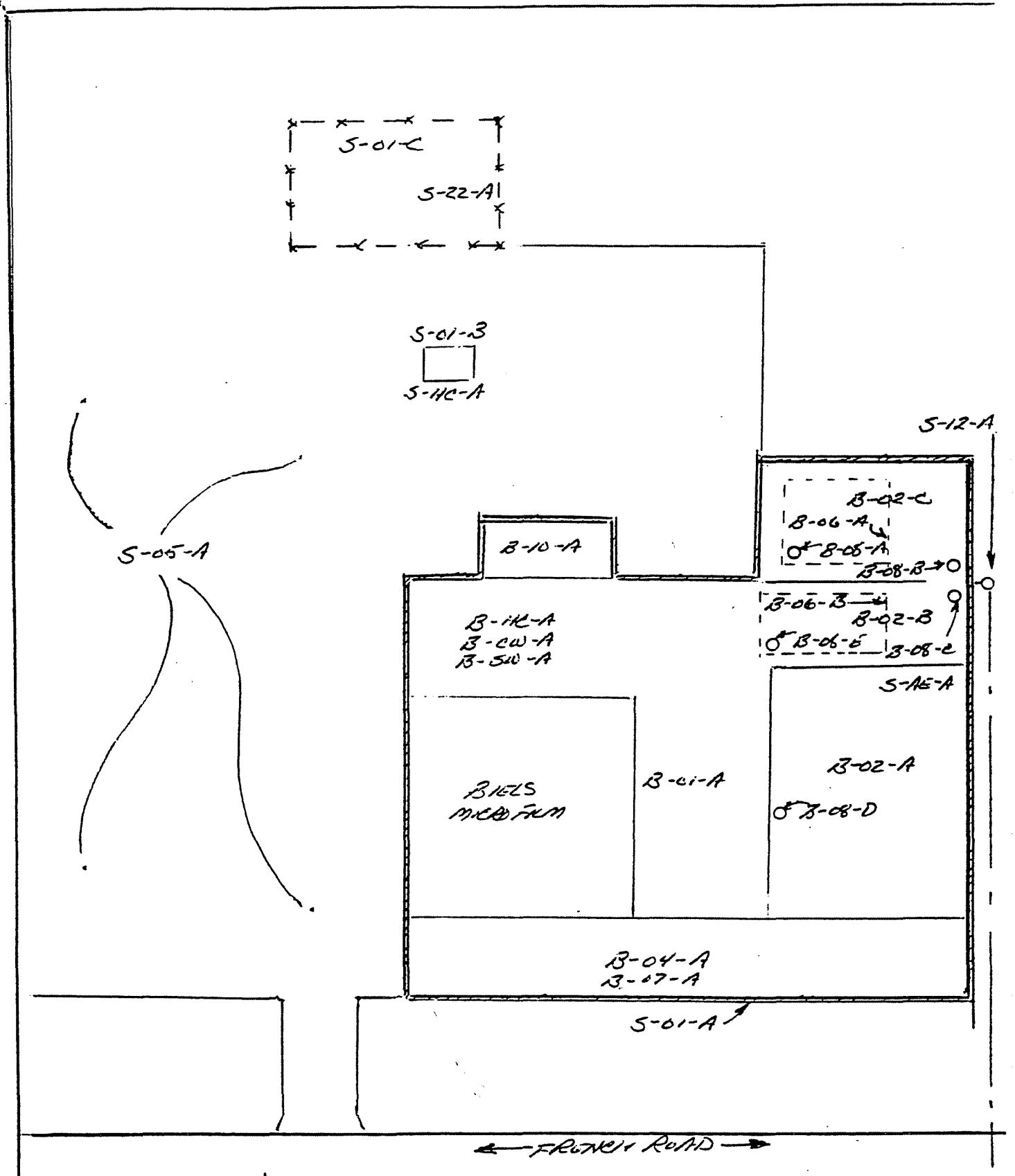
COMMENTS SEE FORM BL-1 Pg -3- THRU Pg-7

BUILDING USES	*IDENT+>*	*A*	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*K*	*L*	*M*	*N*	*O*	*P*	*Q*	*R*	*S*	*T*	*U*	*V*	*W*	*X*	*Y*
RAW MATERIAL HANDLING	*B-01-*	X																								
MANUFACTURING PROCESS	*B-02-*	X	X	X																						
FINISHED GOODS STORAGE	*B-03-*																									
OFFICE/RESTROOM/OTHER	*B-04-*	X																								
HAZARDOUS MATERIALS	*IDENT+>*	*A*	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*K*	*L*	*M*	*N*	*O*	*P*	*Q*	*R*	*S*	*T*	*U*	*V*	*W*	*X*	*Y*
AIR EMISSIONS	*B-AE-*																									
PETROLEUM FUEL/STOCKS	*B-PF-*																									
PESTICIDES/HERBICIDES	*B-PH-*																									
PCB'S/PCB EQUIPMENT	*B-PC-*																									
ASBESTOS MATERIALS	*B-AM-*																									
HAZARDOUS CHEMICALS	*B-HC-*	X																								
HAZARDOUS BIOLOGICALS	*B-HB-*																									
RADIOACTIVE MATERIAL	*B-RA-*																									
PETROLEUM LIQ WASTES	*B-PW-*																									
CONCENTRATE LIQ WASTE	*B-CW-*	X																								
SOLID WASTES/SLUDGES	*B-SW-*	X																								
WASTEWATER SOURCES	*IDENT+>*	*A*	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*K*	*L*	*M*	*N*	*O*	*P*	*Q*	*R*	*S*	*T*	*U*	*V*	*W*	*X*	*Y*
SPILL CONTAINMENT AREA	*B-06-*	X	X																							
SANITARY WASTEWATER	*B-07-*	X																								
PROCESS WASTEWATER	*B-08-*	X	X	X	X	X																				
CONTACT COOLING WATER	*B-09-*																									
WASTEWATER TREATMENT	*B-10-*	X																								
FILTER BACKWASH WASTE	*B-11*																									
NON-CONTACT COOLING	*B-12-*																									
CONTAMINATED AREAS	*IDENT+>*	*A*	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*K*	*L*	*M*	*N*	*O*	*P*	*Q*	*R*	*S*	*T*	*U*	*V*	*W*	*X*	*Y*
EXCESSIVE NOISE LEVELS	*B-14-*																									
AIRBORNE ODORS/DUST	*B-15-*																									
AIRBORNE VAPOR/MIST	*B-16-*																									
LEAKING TANKAGE/PIPING	*B-17-*																									
LEAKING CONTAINERS	*B-18-*																									
PETROLEUM SPILLS	*B-19-*																									
LIQUID/SOLID SPILLS	*B-20-*																									
STAINED WALLS/FLOORS	*B-21-*																									
CORROSION/SPALLING	*B-22-*																									
PEELING/FADED PAINT	*B-23-*																									
REFUSE PILES/LITTER	*B-24-*																									
OTHER CONTAMINATION	*B-25-*																									

FORM BL-1

DETAILED COMMENTS AND IDENTIFICATION OF BUILDING USES, HAZARDOUS MATERIALS-WASTES, SAFETY SYSTEMS, WASTEWATER SOURCES, AND CONTAMINATED AREAS

IDENT+	*IDENTIFICATION AND COMMENTS*
B-01-A	RAW MATERIALS RECEIVING AND PREPARATION
B-02-A	MANUFACTURING SUPPORT OPERATIONS: SILK SCREENING, BAKING, DRILLING, INSPECTION, PHOTO LAB, IMAGING, DEVELOPING, CLEAN ROOMS.
B-02-B	LARGE AREA DEVELOPING & PLATING, SOLDER RE-FLOW.
B-02-C	PLATING, GOLD LINE, ETCHING.
B-04-A	OFFICES, CAFETERIA
B-HC-A	DRUM STORAGE OF CHEMICAL FEED STOCKS
B-CW-A	DRUM STORAGE OF HAZARDOUS WASTE.
B-SW-A	BULK STORAGE OF WASTEWATER TREATMENT SLUDGE.
B-06-A,B	SPILL CONTAINMENT AREAS.
B-07-A	SANITARY WASTEWATER.
B-08-A,B,C,D,E	PROCESS WASTEWATER COLLECTION SUMPS.
B-10-A	PROCESS WASTEWATER TREATMENT AND SLUDGE HANDLING/STORAGE.


S-01-C
S-22-A
S-01-B
S-11C-A
S-12-A
S-05-A
B-10-A
B-02-C
B-06-A
B-05-A
B-08-B
B-06-B
B-02-B
B-06-E
B-08-C
B-11-A
B-CW-A
B-SW-A
S-AE-A
B-02-A
B-01-A
B-08-D
B-04-A
B-07-A
S-01-A
FRENCH ROAD
N
SITE & BUILDING PLAN AUDIT
210 FRENCH Rd.
CHEEKTOWAGA, NEW YORK
10/06/89 NO SCALE JDB
FOR SURVEY CONDUCTED 10/6/1989

Appendix A: Raw Chemicals and Hazardous Waste Generation.

A) Raw chemicals used by Biel's Microfilm. (MSDS)
B) Raw chemicals used and hazardous wastes generated by CCT.

MATERIAL SAFETY DATA SHEET
EASTMAN KODAK COMPANY

Date of Revision: 11/05/87 Kodak Accession Number: 365776

PRODUCT INFORMATION

Product Name: KODAK Microfilm Developer and Replenisher
Formula: Aqueous Mixture
Product Use: Photographic processing chemicals for black and white film
Kodak Catalog Number(s): CAT 190 1891 - To Make 40 Gallons; CAT 190 1917 - To Make 400 Gallons
Solution Number: 4541
Kodak's Internal Hazard Rating Codes: R: 1 S: 2 F: 0 C: 0

Manufacturer/Supplier:
Eastman Kodak Company
343 State Street
Rochester, New York 14650
USA
For Emergency Information: (716) 722-5151
For other purposes, call the Marketing and Distribution Center in your area.

COMPONENT INFORMATION

	Weight Percent	CAS Number	Accession Number
Water	50-55	7732-18-5	035290
Potassium sulfite	20-25	10117-38-1	907064
Diethylene glycol	5-10	111-46-6	902041
*Hydroquinone**	8	123-31-9	900356
*Potassium hydroxide	1-5	1310-58-3	901383

*Principal Hazardous Component(s)

**Chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

PHYSICAL DATA

Appearance and Odor: Light yellow solution; odorless
Boiling Point: GT 100 C (GT 212 F)
Vapor Pressure: ca. 18 mmHg @ 20 C
Evaporation Rate (n-butyl acetate = 1): Not Available
Vapor Density (Air = 1): ca. 0.6
Volatile Fraction by Weight: ca. 50 %
Specific Gravity (H2O = 1): 1.34
pH: ca. 11.5
Solubility in Water (by Weight): Complete

GT = Greater than; LT = Less than

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None, noncombustible
EXTINGUISHING MEDIA: Use appropriate agent for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Fire or excessive heat may cause production of hazardous decomposition products.

REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Strong mineral acids
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of sulfur.
HAZARDOUS POLYMERIZATION: Will not occur.

TOXICOLOGICAL PROPERTIES

EXPOSURE LIMITS:
Component: Hydroquinone
ACGIH TLV: 2 mg/m3
OSHA PEL: 2 mg/m3

Component: Potassium hydroxide
ACGIH TLV: 2 mg/m3

EXPOSURE EFFECTS:
Eyes: May cause eye burns.

Skin: Prolonged or repeated skin contact may cause skin irritation. May cause an allergic skin reaction.

PROTECTION AND PREVENTATIVE MEASURES

VENTILATION: Good general ventilation should be sufficient.

SKIN AND EYE PROTECTION: Impervious gloves should be worn. Safety glasses with side shields or goggles are recommended. The routine use of a non-alkaline (acid) type of hand cleaner will help minimize the possibility of allergic skin reaction.

STORAGE AND DISPOSAL

SPECIAL STORAGE AND HANDLING PERCAUTIONS: Store between 40 - 80 F. Keep container tightly closed and away from mineral acids.

SPILL, LEAK, AND DISPOSAL PROCEDURES: Flush material to an acid-free sewer with large amounts of water. Discharge, treatment, or disposal may be subject to federal, state, or local laws.

Prod Cplo
" Elec
BGLS

MATERIAL SAFETY DATA SHEET

EASTMAN KODAK COMPANY
343 State Street
Rochester, New York 14650

For Emergency Health, Safety, and Environmental Information, call (716) 722-5151
For all other purposes, call the Marketing and Distribution Center in your area.

Date of Preparation: 7/30/83 Approved by U.S. Department of Labor

SECTION I. IDENTIFICATION

- Product Name: KODAK Rapid Fixer, Part A
- Formula: Aqueous Mixture
- Kodak Photographic Chemicals Catalog Number(s): CAT 186 6342 - 52 Gallons; CAT 128 2839 - 30 Gallons; CAT 197 3247 - 5 Gallons; CAT 146 4114 - To Make 5 Gallons; CAT 146 4106 - To Make 1 Gallon
- Solution Number: 4896
- Kodak Accession Number: 427810

SECTION II. PRODUCT AND COMPONENT HAZARD DATA

A. PRINCIPAL COMPONENT(S):	Percent	TLV*	Kodak Accession No.	CAS Reg. No.
Water	40-50	—	035290	7732-18-5
Ammonium thiosulfate	40-50	—	909586	7783-18-8
Sodium acetate	5-10	—	900227	127-09-3
Boric acid	< 5	—	901064	10043-35-3

B. PRECAUTIONARY LABEL STATEMENT(S):

Commercial Label

No health hazard warning language is needed on the container.

Household Label

Contains boric acid
CAUTION! HARMFUL IF TAKEN INTERNALLY.
If swallowed, induce vomiting.
Call a physician at once.
KEEP OUT OF THE REACH OF CHILDREN

SECTION III. PHYSICAL DATA

- Appearance and Odor: Clear light yellow solution; slight sulfur dioxide and acetic acid odor
- Boiling Point: > 100 °C (> 212 °F) @ 760 mmhg
- Vapor Pressure: ~ 18 mmHg @ 20 °C
- Evaporation Rate (n-butyl acetate = 1): Not Available
- Vapor Density (Air = 1): ~ 0.6
- Volatile Fraction by Weight: ~ 50 %
- Specific Gravity (H_2O = 1): 1.305
- pH: 4.37
- Solubility in Water: Complete

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

- Flash Point: None
- Extinguishing Media: Not Applicable
- Special Fire Fighting Procedures:
  Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
- Unusual Fire and Explosion Hazards:
  Fire or excessive heat may cause production of hazardous decomposition products.

SECTION V. REACTIVITY DATA

- Stability: Stable
- Incompatibility: Strong alkali
- Hazardous Decomposition Products: Ammonia
- Hazardous Polymerization: Will not occur.

SECTION VI. TOXICITY AND HEALTH HAZARD DATA

A. EXPOSURE LIMITS: Not Applicable

B. EXPOSURE EFFECTS: Low hazard

Ingestion: Harmful if taken internally.

C. FIRST AID: In case of eye contact, flush with plenty of water.

Ingestion: If swallowed, if conscious, rinse mouth and induce vomiting immediately by giving 1 or 2 glasses of water and touching back of throat with finger or blunt object. Never give anything by mouth to an unconscious person.

CALL A PHYSICIAN AT ONCE.

CCT VIRGIN CHEMICAL INVENTORY
AS OF 9/18/89

Cyclo-Etch	24
Lime (100 lb)	9
Olin Hunt Replenisher	6
Olin Hunt Starter	2
AD482	2
DI Water	2
Butyl Cellosolve	2
Flux	1
SB-303 Solder Brightener	1
Solder-NU Cleaner	1
Enstrip TL-143	1
CR100C	1
CR Reducer (Formaldehyde)	1
Methanol	1
Formaldehyde	1
Enplate MLB-495A	1
AC-708 Accelerator	1
Potassium Hydroxide	1
Methylene Chloride	1

BATCH TREATMENT CHEMICALS

Midfloc 1313 Flocculant	1
Sodium Borohydride (250 lb)	1
Defoamer	1
Sodium Metabisulfite (50 lb)	1
Tenn-White (250 lb)	1

OBSOLETE VIRGIN CHEMISTRY

Activated Carbon	5
825R Electoless CU (5 g.)	4
Enplate MLB497B	3
Enplate MLB-497A (110 lb)	3
Enplate MLB1666 (5 g.)	2
Cuposit Y	1
Enplate MLB-497C	1
Co-Bra Etch Makeup (5 g.)	1
PC118 Cleaner/Cond. (5 g.)	1
1175A	1
Pre-Cat 700SA (110 lb)	1
Metex 9268 (5 g.)	1
Enplate MLB495B	1

CCT SPENT CHEMICAL INVENTORY
AS OF 9/18/89

Unknown/Unmarked	8
Ammonium Persulfate	5
ME200	5
CU-100 Electroless CU	4
AD482	4
ME400 Permananate Etchback	2
Glass Etch Neutralizer	2
Electroless Etch	2
Electroless Dead Rinse	2
Ferric Chloride Sludge	2
Etchback (Sulfuric)	1
Cat 704	1
CU Sulfate Crystals	1
Hydrochloric Acid	1
Fluoroboric Acid	1
Precat	1
AD482 Rinse	1
AZ-303 Developer	1

HAZARDOUS SOLIDS
TO BE SHIPPED OUT BY 9/22/89

Clay Absorbent w/CU	16
Butyl Cellosolve	8
Riston Photoresist (Blue)	6
Inland 626 Photoresist (Red)	5

Appendix B: NYSDEC Actions/Inspections/Corrective measures/Communications.

A) Misdemeanor Complaint and resolution by CCT of NYSDEC complaint concerning storing of hazardous waste beyond 90 day limit allowed by law.
B) Current (05/11/88) NYSDEC inspection of CCT's operation outlining only minor deficiencies.
C) Letter form CCT to NYSDEC dated 06/30/88 indicating corrective actions undertaken to remedy deficiencies of NYSDEC inspection of 05/11/88.
D) NAES file memo of 10/05/89 outlining telephone conversation with NYSDEC representative regarding current compliance status of CCT.

LIPPES, KAMINSKY, SILVERSTEIN, PORTER,
MATHIAS & WEXLER

ATTORNEYS AT LAW

700 GUARANTY BUILDING

98 CHURCH STREET

BUFFALO, NEW YORK 14202-3950

(716) 853-5100

TELECOPIER
(716) 853-5199

JAMESTOWN OFFICE:
405 SPRING STREET
P.O. BOX 1326
JAMESTOWN, NY 14702-1326
(716) 484-9151

GERALD S. LIPPES
ALLAN H. KAMINSKY
VICTOR C. SILVERSTEIN *
HENRY M. PORTER
ALAN S. WEXLER
WILLIAM E. MATHIAS, II
DAVID J. CALVERLEY
LOREN L. ELY
JOE R. CAVAN
ROBERT J. OLIVIERI
CATHERINE A. BROWN
PAUL J. CIESLIK
PAUL J. SCHULZ
J. DAVID SAMPSON
PAUL A. MITCHELL **

*MEMBER OF NEW YORK AND FLORIDA BARS

**ADMITTED CT. BAR ONLY

October 12, 1988

David Markell, Esq.
Director of NYS DEC
Enforcement Division
50 Wolf Road
Albany, NY 12233

Re: People -v- Com-Cir-Tek

Dear Mr. Markell:

Enclosed is a certified check on behalf of our client, Com-Cir-Tek, Inc. in the amount of $5,000.00. This check is intended as payment of the fine of $5,000.00 pursuant to guilty pleas entered in the Town Court of the Town of Cheektowaga on October 6, 1988.

Would you please acknowledge receipt of this check by signature and return to me a copy of this letter which you will also find enclosed.

Thank you for your assistance.

Very truly yours,

LIPPES, KAMINSKY, SILVERSTEIN, PORTER
MATHIAS & WEXLER

David J. Calverley

DJC/mdr
enclosures

cc Hon. Henry Gabryszak
John V. Elmore, Esq.
Jack Byrne

Signed and received by me this day of October, 1988.

D Markell

DAVID MARKELL

STATE OF NEW YORK : JUSTICE COURT
COUNTY OF ERIE : TOWN OF CHEEKTOWAGA

THE PEOPLE OF THE STATE OF NEW YORK

v. MISDEMEANOR COMPLAINT

COM-CIR-TEK INC.

Defendant.

I, Paul R. Scherf, the complainant herein, am a police officer in the State of New York to wit: an investigator of the New York State Attorney General's office, assigned to the environmental crimes unit in Buffalo, New York.

I accuse Com-Cir-Tek Inc. the defendant in this action and charge that on October 1, 1987, at 210 French Road, in the Town of Cheektowaga, County of Erie, New York, that the defendant did knowingly and unlawfully commit the misdemeanor of Unlawful Possession of Hazardous Wastes contrary to the provisions of Section 27-0914 subdivision 1 of the Environmental Conservation Law of the State of New York.

I further accuse Com-Cir-Tek, the defendant in this action and charge that on May 28, 1987, at approximately 11:00 in the forenoon the defendant did recklessly and unlawfully commit the misdemeanor of Reckless Endangerment in the Second Degree contrary to the provisions of Section 120.20 of the Penal Law.

THE FACTS OF THIS ACCUSATION IS BASED OF MY OWN KNOWLEDGE AND ON INFORMATION AND BELIEF.

A. Of my own knowledge.

On October 1, 1987, a search warrant was executed at Com-Cir-Tek Inc., 210 French Road, in the Town of Cheektowaga,

New York, and I did observe fifty 55 gallon drums labeled hazardous wastes. The dates marked on the drums indicated that all fifty of the drums were stored at the facility well over the 90-day limit allowed by the Department of Environmental Conservation (DEC) regulations.

I observed DEC technician Tom Johnson take samples of various drums for submission for laboratory analysis. Forty-eight of the drums were determined to contain hazardous wastes. I have reviewed DEC records and have determined that the defendant did not have a permit or authorization to store or possess hazardous wastes for a period over 90 days.

B. Deponent's sources of information and belief are the attached cooborating affidavits of Thomas Johnson and Richard Kozminski.

Paul R. Scherf Jr.

PAUL R. SCHERF, JR.

Sworn to before me this
27th day of September, 1988.

Cindy M. Alara

Notary Public

Notary Public ... York
Commission ... 19 89

SD#14.1

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233

Thomas C. Jorling
Commissioner

SD#14.1

CERTIFIED MAIL, RETURN RECEIPT REQUESTED

JUN 03 1988

Mr. Kenneth Liszewski
Safety Coordinator
COM CIR TEK Inc.
210 French Road
Cheektowaga, New York 14227

RE: Hazardous Waste Compliance Inspection Date: 5/13/88
Location of Handler: Same as Above

EPA Identification Number: NYD049838668

Dear Mr. Liszewski:

In order to determine compliance with the New York State Hazardous Waste Regulations, the New York State Department of Environmental Conservation conducted an inspection of your facility on the above referenced date.

As a result of that inspection, review of documentation submitted by your facility to this Department, and applying the New York State Hazardous Waste Regulations, we believe that your facility is operating as a generator of hazardous waste.

6NYCRR Part 373-3.2(g)(4) requires the owner or operator to maintain the following documents and records at the facility:

- The job title for each position at the facility related to hazardous waste management, and the name of the employee filling each position;

- A written job description for each applicable position. This description may be consistent in its degree of specificity with descriptions for other similar positions in the same company location or bargaining unit, but must include the requisite skill, education, or other qualifications, and duties of facility personnel assigned to each position;

You have not maintained the above documentation and, therefore, are in violation of 6NYCRR Part 373-3.2(g)(4).

6NYCRR Part 373-3.3(g)(1) requires that the owner or operator must attempt to make the following arrangements, as appropriate for the type of waste handled at the facility and the potential need for the services for these organizations:

- Arrangements to familiarize police, fire departments, and emergency response teams with the layout of the facility, properties of hazardous waste handled at the facility and associated hazards, places where facility personnel would normally be working, entrances to and roads inside the facility, and possible evacuation routes;

- Arrangements to familiarize local hospitals with the properties of hazardous waste handled at the facility and types of injuries or illnesses which could result from fires, explosions, or releases at the facility;

You have not made the above noted arrangements and, therefore, are in violation of 6NYCRR Part 373-3.3(g)(1).

6NYCRR Part 373-3.4(b)(1) requires that each owner or operator must have a Contingency Plan for the facility. The Contingency Plan must be designed to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water. 6NYCRR Part 373-3.4(c) requires the following content in a Contingency Plan:

- The Plan must describe arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services.

- The Plan must list names, addresses and phone numbers (office and home) of all persons qualified to act as emergency coordinator and this list must be kept up to date. Where more than one person is listed, one must be named as primary emergency coordinator and the others must be listed in the order in which they will assume responsibility as alternates.

- The Plan must include a list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communication and alarm systems (internal and external), and decontamination equipment), where this equipment is required. This list must be kept up to date. In addition, the plan must include the location and a physical description of each item on the list, and a brief outline of its capabilities.

Your Contingency Plan is not complete as identified, therefore, you are in violation of 6NYCRR Part 373-3.4(b)(1).

6NYCRR Part 373-3.4(d)(2) requires that each owner or operator must submit copies of their Contingency Plan to all local police departments, fire departments, hospitals and State and local emergency response teams that may be called upon to provide emergency services.

You do not meet this requirement and, therefore, are in violation of 6NYCRR Part 373-3.4(d)(2).

6NYCRR Part 373-3.4(e) requires the Contingency Plan must be reviewed, and immediately amended, if necessary, whenever:

- Applicable regulations are revised;
- The Plan fails in an emergency;
- The facility changes--in its design, construction, operation, maintenance or other circumstances--in a way that materially increase the potential for fires, explosions, or releases of hazardous waste or hazardous waste constituents, or changes the response necessary in an emergency;
- The list of emergency coordinators changes; or
- The list of emergency equipment changes.

You have not met this requirement and, therefore, are in violation of 6NYCRR Part 373-3.4(e).

Please confirm in writing within 30 days of the date of this letter, that the above referenced violations have been corrected and include supporting documentation as appropriate. You MUST include your EPA Identification Number on all correspondence. This confirmation should be addressed to:

Mr. Peter Buechi, P.E.
Regional Solid and Hazardous Waste Engineer
New York State Department of Environmental Conservation
600 Delaware Avenue
Buffalo, New York 14202
(716) 847-4600
Attention: Mr. Nelson Schnabel, Inspector

with a copy to:

Mr. Janakrai M. Desai, P.E.
Acting Chief of the Compliance Inspection Section
Bureau of Hazardous Waste Operations
Division of Hazardous Substances Regulation
New York State Department of Environmental Conservation
50 Wolf Road - Room 208/204
Albany, New York 12233-7250
(518) 457-0532
Attention: Mr. Michael J. Cruden, Reviewer

If you have any questions about this notice or should you wish to discuss this matter further, please contact the Inspector or the Reviewer at the telephone number above. A copy of the Inspection Form is enclosed for your information.

Sincerely,

Janakrai M. Desai, P.E.
Acting Chief
Compliance Inspection Section
Bureau of Hazardous Waste Operations
Division of Hazardous Substances Regulation

Enclosure

cc: Mr. Jeffrey Lacey, Regional Attorney, Region 9
Mr. Peter Buechi, Regional Solid & Hazardous Waste Engineer, Region 9
Mr. Nelson Schnabel, Inspector, Region 9
New York State Department of Environmental Conservation

Mr. Michael J. Cruden, Reviewer, Central Office
New York State Department of Environmental Conservation

COM CIR TEK INC

COMPUTER CIRCUIT TECHNOLOGY

Dedicated To EXCELLENCE

210 FRENCH ROAD • CHEEKTOWAGA, NEW YORK 14227 • 716-668-3801

June 30, 1988

Mr. Peter Buechi, P.E.
Regional Solid and Hazardous Waste Engineer
NY State Dept. of Environmental Conservation
600 Delaware Ave.
Buffalo NY 14202

Dear Mr. Buechi;

This letter is a response to the letter of June 2, 1988 from Janakrai M. Desai regarding the hazardous waste compliance inspection of May 13, 1988.

I have enclosed copies of all paperwork requested in that letter. In short, Com-Cir-Tek has complied with the following:

6NYCRR Part 373-3.2(g)(4) : A list of hazardous waste positions and names of those employees. A written job description for each position.

6NYCRR Part 373-3.3(g)(1) : A facility map and description of hazardous wastes handled has been sent to police, fire, and hospital. MSDS's sent to authorities.

6NYCRR Part 373-3.4(b)(1) : A contingency plan including emergency arrangements, list of coordinators with personal data, and list of all emergency equipment has been designed.

6NYCRR Part 373-3.4(d)(2) : Copies of this contingency plan have been sent to and approved by the required authorities.

6NYCRR Part 373-3.4(e) : The previous contingency plan was reviewed and updated into the enclosed copy. This plan will be amended when necessary as per the statute.

The enclosed paperwork has been enclosed as further evidence that Com-Cir-Tek has met all DEC compliance requirements. Please contact me if any questions arise.

Sincerely,

Kenneth R. Liszewski
Environmental Officer

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-

Thomas C. Jorling
Commissioner

August 9, 1988

Mr. Kenneth R. Liszewski
Environmental Officer
COM CIR TEK Inc.
210 French Road
Cheektowaga, NY 14227

RE: Hazardous Waste Compliance Inspection Date: May 13, 1988
Location of Handler: Same as Above

EPA Identification Number: NYD049838668

Dear Mr. Liszewski:

Thank you for your reply concerning the deficiencies noted in Mr. Desai's letter of June 2, 1988.

Your corrective measures have been reviewed and were found to be satisfactory.

Your cooperation has been appreciated.

Sincerely,

Michael J. Cruden
Assistant Sanitary Engineer
Compliance Inspection Section
Bureau of Hazardous Waste Operations
Division of Hazardous Substances Regulation

cc: J. Lacey, Region 9
P. Buechi, Region 9
N. Schnabel, Region 9

NORTH AMERICAN ENVIRONMENTAL SERVICES CORP
P.O. BOX 66
2321 KENMORE AVENUE
BUFFALO, N.Y. 14207-0066
TEL. (716) 875-2903
FAX (716) 875-2374

M E M O R A N D U M

DATE: 10/05/89

CLIENT: Robert Mariarcher/210 French Rd., Cheektowaga, NY.

TO: File

FROM: J. Bradshaw

SUBJECT: Contact with NYSDEC Department of Environmental Enforcement concerning status of property at 210 French Rd.

As per telephone conversation with Mr. Glen Bailey of the NYSDEC DEE, the results of a sampling and analysis program conducted by the NYSDEC in May 1987, DID NOT revealed any significant contamination of the above mentioned property as a result of the disposing hazardous waste. However, this inspection did result in finding Com-Cir-Tek in violation of existing Environmental Conservation Law by storing hazardous waste longer than the 90 day period permitted. Com-Cir-Tek did plead guilty to this misdemeanor offense and subsequently paid a fine.

Mr. Bailey further indicated that at the present time there are NO legal actions pending against Com-Cir-Tek, Biel's Microfilm, or the property in question.

Finally, Mr. Bailey indicated that the property is NOT listed in Volume 9 of the NYSDEC Hazardous Waste Site Registry List.

APPENDIX C: CCT Policies/Records/Permits/Agreements/Other inspections.

A) CCT Emergency Response Plan.
B) CCT Spill Control Plan.
C) CCT Spill Prevention, Control, and Countermeasure Plan.
D) Current (1988) Air Emission Permits from NYSDEC.
E) Current (1988) Annual Report of Hazardous Waste Generation to NYSDEC.
F) Current (1989) Buffalo Sewer Authority Discharge Permit and Agreement.
G) Current (09/14/89) Buffalo Sewer Authority Inspection of CCT effluent.

COMCIRTEK INC

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GENERAL EMERGENCY PROCEDURE

1. Emergency is reported to the office by an employee. DIAL 0 ON THE INTERCOM.
2. The operator will immediately call the fire department and notify the plant fire chief.
3. The emergency will be announced over the intercom.
4. The plant fire chief will coordinate evacuation (if necessary) with team leaders and decide proper response to the emergency.
5. The ''Special Team'' (plumbing and electrical) will report to their assigned stations.
6. The plant emergency teams will function until the emergency is resolved and the plant fire chief gives the authorization, or until the public fire department takes charge.
7. Employees not assigned team duties will evacuate the plant as directed by their team leaders and the plant fire chief. Emergency exits are to be used. Team leaders will report to the plant fire chief once their designated area has been evacuated and secured.
8. Salvage operations will begin immediately as directed by the plant fire chief, to include : movement of stock, covering of machinery, diversion of water from equipment, and closing of emergency exits.

Safety and Security Officer

Don Andress

COMCIRTEK INC

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TEAM AREAS OF RESPONSIBILITIES

TEAM 1 - Manual and electroless plating areas, etching room, and spent and virgin chemical storage areas.

TEAM 2 - Front offices, tooling, digitizing, and photoplotting.

TEAM 3 - Special Products Division : Large Area etching, plating, and inspection areas.

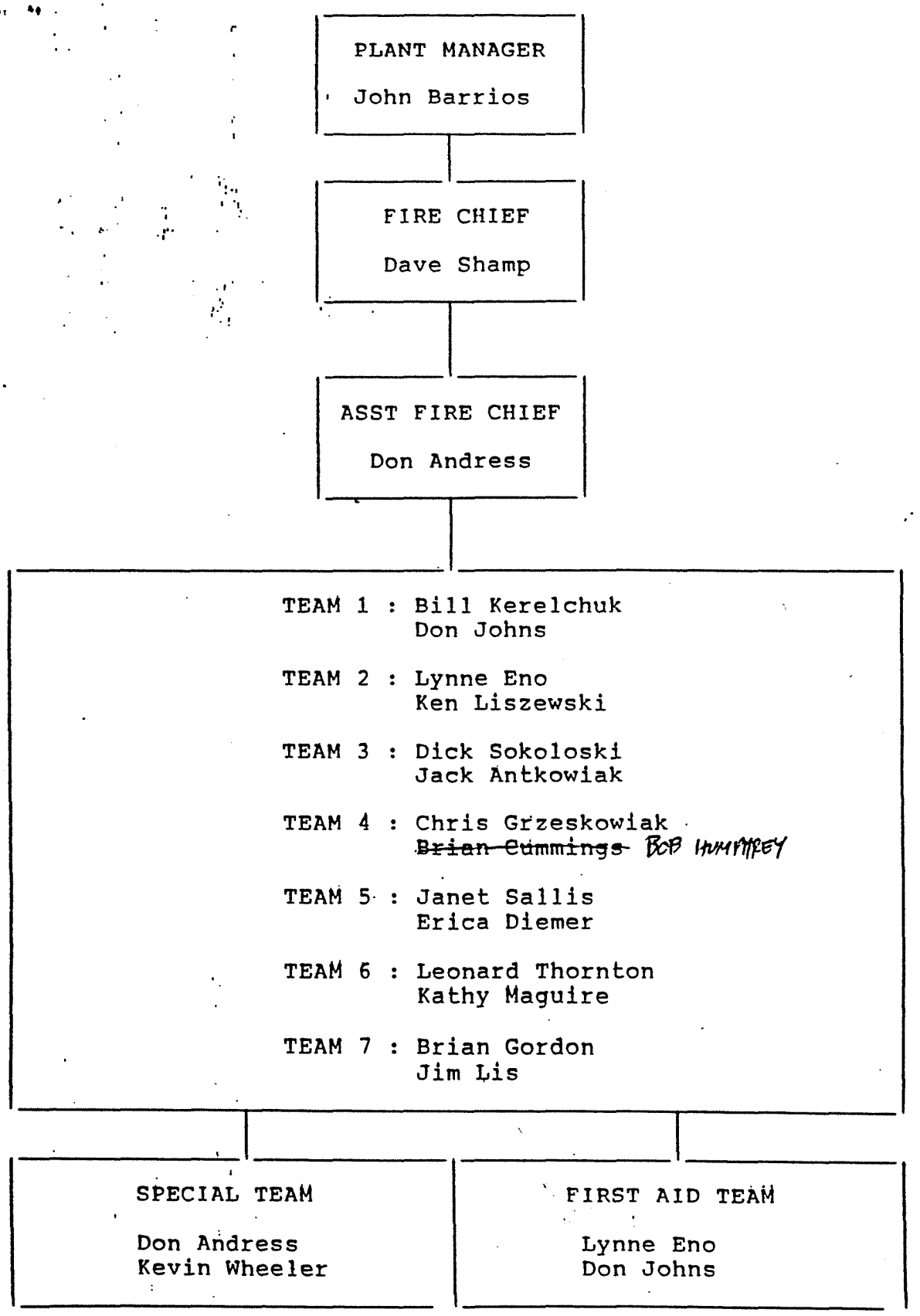
TEAM 4 - Screening, shipping and receiving, and cafeteria.

TEAM 5 - Photo Lab

TEAM 6 - Accounting and purchasing offices.

TEAM 7 - Drilling/routing, electrical test, inspection, imaging, reflow, and shearing.

SPECIAL TEAM - All power and plumbing.


PLANT MANAGER
John Barrios
FIRE CHIEF
Dave Shamp
ASST FIRE CHIEF
Don Andress
TEAM 1 : Bill Kerelchuk
Don Johns
TEAM 2 : Lynne Eno
Ken Liszewski
TEAM 3 : Dick Sokoloski
Jack Antkowiak
TEAM 4 : Chris Grzeskowiak
~~Brian Cummings~~ BOB HUMPHREY
TEAM 5 : Janet Sallis
Erica Diemer
TEAM 6 : Leonard Thornton
Kathy Maguire
TEAM 7 : Brian Gordon
Jim Lis
SPECIAL TEAM
Don Andress
Kevin Wheeler
FIRST AID TEAM
Lynne Eno
Don Johns

CCT SPILL CONTROL POLICY

A chemical spill may occur in the three major process areas: etching, manual plating, and electroless plating.

The electroless plating line is contained within a cement curb, which has been reinforced to effectively prevent seepage. A spill in this area will be vacuumed using a chemical vacuum. Com-Cir-Tek has four such devices.

As the enclosed map indicates, sumps are located in both the etching and plating rooms. Each sump are surrounded with a 4 inch lip - the edge of the sump is not flush with the floor. In addition, the old underground drainage system has been cemented shut. The only way a spill may enter CCT's waste treatment system is via the sumps.

When a spill occurs, employees have been instructed to shut off the sump immediately, by pulling ita plug out of its electrical socket. This will stop any ongoing pumping to waste treatment, and confine the spill to the room in which it occurred. The contents of the sump (and remaining spillage on floor) may then be pumped into 55 gallon drums. Each room has empty drums available for this purpose. Since each sump has a capacity of approximately 50 gallons, the contents of most spills should fill one or two drums. This spillage can then be batch treated as CCT would treat any spent solution or dead rinse.

If a worker must leave a work area unattended, all machinery must be shut down before leaving. This ensures that no undetected spill will occur.

Once a spill occurs in either the etch or plating rooms, CCT estimates that a worker has three to five minutes to shut off the sump before the spill enters the sump and is pumped to the waste treatment system. This interval should be adequate for most situations.

All workers have been made aware of this plan and are reminded by signs posted throughout the plant. Failure to follow the aforementioned procedure may lead to an employee's dismissal. This fact is clearly visible on each sign.

Com-Cir-Tek Inc.

Spill Prevention, Control, and Countermeasure Plan

NOTIFICATION OF ACCIDENTAL DISCHARGE

Any chemical spill at Com-Cir-Tek which enters Com-Cir-Tek's wastewater treament system or the outside sewer directly must be reported to the following agencies immediately. The environmental officer is responsible for this reporting in accordance with Com-Cir-Tek's EC/BPDES permit.

Buffalo Sewer Authority	883-1820 or 853-2459
Erie County Sewer District	684-1234 or 823-8188 (24 hrs)
New York State DEC	847-4600
Erie County Dept. of Emergency Services (Fire Safety)	681-7113

24 hour emergency phone to the Chemical Transportation Emergency Center (CHEMTREC) operated as a public service by the Chemical Manufacturers Association. Identification of unknown chemicals, advice on proper initial response methods and procedures for specific chemicals and situations, assistance in establishing contact with shippers/carriers/manufacturers/special product response teams such as CHLOREP as necessary and appropriate.

CHEMTREC (800) 424-9300

The D.O.T. Hotline provides informational assistance pertaining to the federal regulations for transportation of hazardous materials.

D.O.T. Hotline (202) 366-4488

In the event of an accidental or intentional release of a "Hazardous Substance" in a "Reportable Quantity" amount the environmental officer shall immediately notify:

U.S. Coast Guard
National Response Center (800) 424-8802

When a SARA/Title III regulated "RQ" discharge takes place in transportation or on-site, facilities are required to notify state and local emergency planning committees.

EPA Hotline (800) 424-9346

To respond to any request for specific information, and to clear up confusion, regarding RCRA and "Superfund" regulations; also, to respond to requests for certain documents printed in the FEDERAL REGISTER for which this telephone number is given as a contact point. In addition, in response to policy questions from the regulated communities and state/local governments, personnel will attempt to seek out correct person to provide guidance.

EPA RCRA Hotline (800) 424-9346

COM-CIR-TEK INC.
SPILL PREVENTION, CONTROL, AND COUNTERMEASURE PLAN

CHEMICAL STORAGE

Two primary storage areas have been designated; one for spent chemicals, and one for virgin chemicals. Both areas are located in the rear of the building with easy access to the rear garage door. All chemicals must be kept in these areas with the exception of those chemicals that need to be in the production area. A minimal amount of chemicals may be kept in designated areas throughout the plant. These chemicals must be kept near their respective processes to maintain daily addition requirements for proper process control.

IDENTIFICATION OF CHEMICAL CONTAINERS AND TANKS

All containers and process tanks shall be clearly identified as to their contents so that proper safety and treatment procedures can be implemented.

HANDLING AND TRANSPORTATION THROUGHOUT THE PLANT

All containers should be tightly closed before handling to avoid a spill. Gloves and safety glasses should be worn when handling open containers of chemicals.

AVAILABILITY OF INFORMATION TO WORKERS

Information regarding toxicity, fire control, and the proper action to take in the event of a spill shall be prominently located and easily accessible at all times to all workers in the plant. In addition, material safety data sheets shall be made available to all workers.

SPILL OCCURRANCE AND REACTION PROCEDURE

When a spill occurs, the employee noticing the spill must immediately inform his or her supervisor. The employee is responsible for cleaning up the spill. The environmental officer, is notified by the supervisor, and subsequently informs BSA. Small spills may be removed with dry ease; however, the following policy shall hold for most situations.

Thomas C. Jorling
Commissioner

New York State Department of Environmental Conservation
Regulatory Fee Determination Unit

Box 5973 GPO
New York, New York 10087—5973

[redacted]

OWNER NAME: COM CIR TEK INC
AND ADDRESS 210 FRENCH RD
CHEEKTOWAGA, NY 14227

KRL

PAGE: 1

[redacted]

>>>> 1988 AIR QUALITY CONTROL PROGRAM FEE

EMMISSION POINT ID NUMBER	CERTIFICATE TO OPERATE ISSUE DATE	COMBUSTION (MMBTU/HR)	PROCESS (TPY)	CONTAMINANT NAME	INCINERATOR (LBS/HR)	FEE AMOUNT
FACILITY: COM CIR TEK INC NAME AND ADDRESS 210 FRENCH RD CHEEKTOWAGA, NY 14227					ID NUMBER: 1430891657	
00002	10/17/85		< 25	PARTICULATES		$ 20.00
00003	10/17/85		< 25	HC		20.00
00004	10/07/85		< 25	PARTICULATES		20.00
00005	10/17/85		< 25	HC		20.00
00EF1	04/01/83		< 25	OTHER		20.00

[redacted]

VENDOR # 2280 P. O. #
I. V. DUE DATE 7-9-88 A/P # 209
ACCOUNT # 655536000

DATE ENTERED OK A. T. 100.00
CHECK # 3378 CHECK DATE 5/13/88

< CONTINUED ON PAGE 2 >

47-15-17 (10/87)—27c

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

GENERATOR ANNUAL REPORT

for the year ending December 31, 19 88

Page No. 1 of 5

☒ GENERATOR EPA ID NUMBER NYD049838568 OR ☐ SMALL GENERATOR ☐ EXEMPT GENERATOR

NAME	TELEPHONE NUMBER
COM-CIR-TEK, INC.	716-668-3801

STREET
210 FRENCH ROAD

CITY	STATE	ZIP CODE
BUFFALO	NY	14227

TREATMENT, STORAGE, OR DISPOSAL FACILITY (TSDF)

EPA ID NUMBER CTD001169599

NAME	TELEPHONE NUMBER
MACDERMID INC.	203-575-5700

STREET
525 HUNTINGDON AVE.

CITY	STATE	ZIP CODE
WATERBURY	CT	06708

WASTE INFORMATION

WASTE DESCRIPTION	WASTE NUMBER	HANDLING CODE	QUANTITY (In Whole Tons)
RQ WASTE ALKALINE LIQUID NOS NA1719 EPA D002	D002	R	19
WASTE ACID LIQUID NOS NA1719	D002	R	1

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

PRINT OR TYPE NAME	TITLE
KENNETH P. LISZEWSKI	ENVIRONMENTAL OFFICER

SIGNATURE Kenneth P. Liszewski

DATE 1-25-89

47-15-17 (10/87)—27c

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

GENERATOR ANNUAL REPORT

for the year ending December 31, 19 88

Page No. 2 of 5

☒ GENERATOR EPA ID NUMBER NYD014983858 OR ☐ SMALL GENERATOR ☐ EXEMPT GENERATOR

NAME	TELEPHONE NUMBER
COM-CIR-TEK, INC.	716-668-3801

STREET	
210 FRENCH ROAD	

CITY	STATE	ZIP CODE
BUFFALO	NY	14227

TREATMENT, STORAGE, OR DISPOSAL FACILITY (TSDF)

EPA ID NUMBER MID980729831

NAME	TELEPHONE NUMBER
MICHIGAN DISPOSAL, INC.	313-326-0204

STREET	
49350 NORTH SERVICE ROAD	

CITY	STATE	ZIP CODE
BELLEVILLE	MI	48111

WASTE INFORMATION

WASTE DESCRIPTION	WASTE NUMBER	HANDLING CODE	QUANTITY (In Whole Tons)
RQ HAZARDOUS WASTE LIQUID NOS, ORM-E, NA9189	D001	L	17

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

PRINT OR TYPE NAME	TITLE
KENNETH F. CISZEWSKI	ENVIRONMENTAL OFFICER

SIGNATURE	DATE
Kenneth F. Ciszewski	1-25-89

47-19-17 (10/87)—27c

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

GENERATOR ANNUAL REPORT

for the year ending December 31, 19 88

Page No. 3 of 5

☒ GENERATOR EPA ID NUMBER NYD049838568 OR ☐ SMALL GENERATOR ☐ EXEMPT GENERATOR

NAME	TELEPHONE NUMBER
COM-CIR-TEX, INC.	716-668-3801

STREET 210 FRENCH ROAD

CITY	STATE	ZIP CODE
BUFFALO	NY	14227

TREATMENT, STORAGE, OR DISPOSAL FACILITY (TSDF)

EPA ID NUMBER NYD038614601

NAME	TELEPHONE NUMBER
ENVIROTEK LTD.	716-876-5131

STREET 4000 RIVER RD.

CITY	STATE	ZIP CODE
TONAWANDA	NY	14150

WASTE INFORMATION

WASTE DESCRIPTION	WASTE NUMBER	HANDLING CODE	QUANTITY (In Whole Tons)
RQ WASTE FLAMMABLE LIQUID NOS UN1993	F003	B	5
WASTE COMBUSTIBLE LIQUID NOS NA1993	D001	B	10

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

PRINT OR TYPE NAME	TITLE
KENNETH P. LISZEWSKI	ENVIRONMENTAL OFFICER

SIGNATURE	DATE
Kenneth P. Liszewski	1-25-89

47-15-17 (10/87)—27c

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

GENERATOR ANNUAL REPORT

for the year ending December 31, 19 88

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☒ GENERATOR EPA ID NUMBER N Y D 0 4 9 1 8 3 8 5 6 8 OR ☐ SMALL GENERATOR ☐ EXEMPT GENERATOR

NAME	TELEPHONE NUMBER
COM-CIR-TEK, INC.	716-668-3801

STREET
210 FRENCH ROAD

CITY	STATE	ZIP CODE
BUFFALO	NY	14227

TREATMENT, STORAGE, OR DISPOSAL FACILITY (TSDF)

EPA ID NUMBER R I D 0 1 8 0 8 1 7 0 2 2 9

NAME	TELEPHONE NUMBER
NATIONAL CHEMICAL CO., INC.	401-461-4000

STREET
1420 ELMWOOD AVE.

CITY	STATE	ZIP CODE
CRANSTON	RI	02910

WASTE INFORMATION

WASTE DESCRIPTION	WASTE NUMBER	HANDLING CODE	QUANTITY (In Whole Tons)
RQ WASTE POTASSIUM CYANIDE SOLUTION UN1680	P 0 9 8	R	1
RQ HAZARDOUS WASTE LIQUID NOS, OCME NA 9189	D 0 1 1	R	0

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

PRINT OR TYPE NAME	TITLE
KENNETH R. LISZEWSKI	ENVIRONMENTAL OFFICER

SIGNATURE	DATE
Kenneth R. Liszewski	1-25-89

87-15-17 (10/87) — 27c

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

GENERATOR ANNUAL REPORT

for the year ending December 31, 19 88

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☒ GENERATOR EPA ID NUMBER NYD049788188 OR ☐ SMALL GENERATOR ☐ EXEMPT GENERATOR

NAME	TELEPHONE NUMBER
COM-CIR-TEK, INC.	716-668-3801

STREET 210 FRENCH ROAD

CITY	STATE	ZIP CODE
BUFFALO	NY	14227

TREATMENT, STORAGE, OR DISPOSAL FACILITY (TSDF)

EPA ID NUMBER MID980614278

NAME	TELEPHONE NUMBER
PETRO CHEM PROCESSING	313-824-5840

STREET 421 LYCASTE

CITY	STATE	ZIP CODE
DETROIT	MI	48214

WASTE INFORMATION

WASTE DESCRIPTION	WASTE NUMBER	HANDLING CODE	QUANTITY (In Whole Tons)
RQ WASTE METHYLENE CHLORIDE, ORM-A, UN1593	F002	B	10

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

PRINT OR TYPE NAME	TITLE
KENNETH P. LISZEWSKI	ENVIRONMENTAL OFFICER

SIGNATURE Kenneth P. Liszewski

DATE 1-25-89

June 4, 1996

N Y S D E C
270 Michigan Ave.
Buffalo, NY 13203-2999

ATTN: MARTIN DOSTER
SUBJECT: UST Removal at 210 French Rd, Buffalo NY 14227

Dear Mr. DOSTER,

On March 5, 1996, B.U.G. Remediation (B.U.G.) assisted Mariacher Construction Co. in the attempt to remove a 2,000 gallon Underground Storage Tank, which was believed to be a waste oil storage tank. Arrangements were made with Bison Oil Co. to dispose of the waste oil, which was to be recycled. Bison Oil Co. field tested the liquids inside the tank using a Chlor-in-oil test kit. The liquid failed the test. Therefore, Bison Oil Co. refused the liquids.

B.U.G. then extracted a sample from the tank for laboratory analysis to identify the contaminates for proper disposal. The analytical report identified the liquid as a Solvent (F001-F002). Arrangements were then made for disposal as a hazardous waste on March 4, 1996, at Research Oil Co, Inc, in Cleveland, Ohio.

B.U.G., along with Mariacher Construction Co. removed the empty U S T. It was discovered at that time that the tank had leaked into the surrounding soils. We then removed the more heavily contaminated soils placing it on 6 mil. polyethylene sheeting, then covering the soils with the same. This step was done to ensure that the contamination did not travel further into the soils.

Utilizing a drilling rig with split-spoon sampling capabilities, we placed (7)ea borings in an attempt to find the perimeter of the contamination around the U S T excavation. Once the perimeter was found, we removed the slightly contaminated soils, placing it on 6 mil. poly, and covered it with the same.

The walls of this now larger excavation were then analyzed to be able to clear the excavation (per NYSDEC Stars Memo #1 and #2). An HNU PID meter was used to determine the contaminated areas, along with odor and clean water methods. Due to the size and location of the excavation being in a heavy traffic area for people and vehicles, the excavation was closed.

The excavation was poly-lined prior to backfilling, leaving the poly between the virgin soils and new back fill.

B.U.G. then recommended that a ground water investigation be performed, installing (3)ea 2" monitoring wells (as per NYSDEC Hazardous Waste Division). The well installation was performed by Earth Dimensions, Inc. These wells were developed by B.U.G. removing 5 gallons of water from each well, letting the wells stand until they recharge. A sample was then taken and sent to an environmental laboratory for analysis. All analytical reports for waters and soil are enclosed.

The report on the first (3) wells revealed some contamination, at which time another set of (3) 2" monitoring wells were placed for observation, further away from the excavation. We, then, developed, sampled, and analyzed this set of samples, finding them to be slightly contaminated also.

Now we would like to make a recommendation as to the work plan for the site. It is our belief that the heavily contaminated soils can be treated on-site, using biological cultures to bring the contamination levels down to below treatability standards for disposal at a secure landfill. As for the groundwater monitoring wells, we would like to monitor them by sampling and performing analytical testing on the samples on a bi-annual basis.

If these are viable methods, we will provide you with an official work plan for your review. At this point, we are looking for direction from your agency. Please keep in mind that this site is privately owned, and the amount of funds available is very limited. The owner, MR. Robert Mariacher, is very willing to clean this site at his own expense, if at all possible. We, therefore, are proposing the most simple and cost-effective solution to this matter.

Please notify us as soon as possible so that we can begin making arrangements to start this clean-up.

Thank you

Michael Farnsworth
General Manager

MF:cc
Enc:
CC:Robert Mariacher

48-14-1 (9/84)—7f

DEPARTMENT OF ENVIRONMENTAL
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-95

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. / Manifest Document No.: NYR000021774 00081
2. Page 1 of 1. Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address: CMS Associates, 210 French Rd. Buffalo NY 14227
4. Generator's Phone (716) 668-8525

A. State Manifest Document No. NY B785527 2
B. Generator's ID

5. Transporter 1 (Company Name): Franks Vacume Service
6. US EPA ID Number: NYD982792814
C. State Transporter's ID: BO35DVN
D. Transporter's Phone: 716 384 -15

7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address: Research Oil Co. 2655 Transport Rd Cleveland Ohio 44115
10. US EPA ID Number: OHD004178612
G. State Facility's ID
H. Facility's Phone: 216 623-8383

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE Flammable Liquid N.O.S. (GASOLINE) (3) - UN1993 PG(2) RQ	001	TT	1810	G	EPA D001 STATE D007
b.					EPA D008 STATE
c.					EPA D018 STATE
d.					EPA F001 STATE F003

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above: B

15. Special Handling Instructions and Additional Information
Wear Rubber Gloves - Eye Protection
Approval # 20549 OKH 716-599-4117 Emergency #

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Robert E Marnacher — Signature: [signature] — Mo. Day: 4 4

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Clarence Clarke — Signature: Clarence Clarke — Mo. Day: 04 04

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name — Signature — Mo. Day

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Mo. Day

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362

TANK CONTENTS

DATE: 04/17/96

Upstate Laboratories, Inc.
nalysis Results
Report Number: 07896024
Client I.D.: B.U.G. REMEDIATION
Sampled by: Client

APPROVAL: GS
QC: WW
Lab I.D.: 10170

MARIAUCHER
UST 0800H 03/11/96

ULI I.D.: 07896024 Matrix: Liquid

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE
EPA Method 8021				
Dichlorodifluoromethane	<5000mg/kg	03/20/96	05	VA20
Chloromethane	<5000mg/kg	03/20/96	05	VA20
Vinyl Chloride	<5000mg/kg	03/20/96	05	VA20
Bromomethane	<5000mg/kg	03/20/96	05	VA20
Chloroethane	<5000mg/kg	03/20/96	05	VA20
Trichlorofluoromethane	<5000mg/kg	03/20/96	05	VA20
1,1-Dichloroethene	<5000mg/kg	03/20/96	05	VA20
Methylene Chloride	9900mg/kg	03/20/96		VA20
trans-1,2-Dichloroethene	<5000mg/kg	03/20/96	05	VA20
1,1-Dichloroethane	7900mg/kg	03/20/96		VA20
2,2-Dichloropropane	<5000mg/kg	03/20/96	05	VA20
cis-1,2-Dichloroethene	<5000mg/kg	03/20/96	05	VA20
Chloroform	<5000mg/kg	03/20/96	05	VA20
Bromochloromethane	<5000mg/kg	03/20/96	05	VA20
1,1,1-Trichloroethane	200,000mg/kg	03/20/96		VA20
1,1-Dichloropropene	<5000mg/kg	03/20/96	05	VA20
Carbon Tetrachloride	<5000mg/kg	03/20/96	05	VA20
1,2-Dichloroethane	<5000mg/kg	03/20/96	05	VA2(
Trichloroethene	<5000mg/kg	03/20/96	05	VA2(
1,2-Dichloropropane	<5000mg/kg	03/20/96	05	VA2(
Bromodichloromethane	<5000mg/kg	03/20/96	05	VA2(
Dibromomethane	<5000mg/kg	03/20/96	05	VA2(
cis-1,3-Dichloropropene	<5000mg/kg	03/20/96	05	VA2(
trans-1,3-Dichloropropene	<5000mg/kg	03/20/96	05	VA2(
1,1,2-Trichloroethane	<5000mg/kg	03/20/96	05	VA2(
Tetrachloroethene	110,000mg/kg	03/20/96		VA2(
1,3-Dichloropropane	<5000mg/kg	03/20/96	05	VA2(
Dibromochloromethane	<5000mg/kg	03/20/96	05	VA2(
1,2-Dibromoethane	<5000mg/kg	03/20/96	05	VA2(
1,1,1,2-Tetrachloroethane	<5000mg/kg	03/20/96	05	VA2(
Bromoform	<5000mg/kg	03/20/96	05	VA2(
1,1,2,2-Tetrachloroethane	<5000mg/kg	03/20/96	05	VA2(
1,2,3-Trichloropropane	<5000mg/kg	03/20/96	05	VA2(
1,2-Dibromo-3-chloropropane	<5000mg/kg	03/20/96	05	VA2(
Benzene	<5000mg/kg	03/20/96	05	VA2(
Toluene	<5000mg/kg	03/20/96	05	VA2(
Chlorobenzene	<5000mg/kg	03/20/96	05	VA2(
Ethylbenzene	<5000mg/kg	03/20/96	05	VA2(
m-Xylene and p-Xylene	<5000mg/kg	03/20/96	05	VA2(

TANK CONTENTS

DATE: 04/17/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 07896024
Client I.D.: B.U.G. REMEDIATION
Sampled by: Client

APPROVAL: GS
QC: WD
Lab I.D.: 10170

MARIAUCHER
UST 0800H 03/11/96

ULI I.D.: 07896024 Matrix: Liquid

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE
o-Xylene	<5000mg/kg	03/20/96	05	VA20
Styrene	<5000mg/kg	03/20/96	05	VA20
Isopropylbenzene	<5000mg/kg	03/20/96	05	VA20
n-Propylbenzene	<5000mg/kg	03/20/96	05	VA20
Bromobenzene	<5000mg/kg	03/20/96	05	VA20
1,3,5-Trimethylbenzene	<5000mg/kg	03/20/96	05	VA20
2-Chlorotoluene	<5000mg/kg	03/20/96	05	VA20
4-Chlorotoluene	<5000mg/kg	03/20/96	05	VA20
tert-Butylbenzene	<5000mg/kg	03/20/96	05	VA20
1,2,4-Trimethylbenzene	10,000mg/kg	03/20/96		VA20
sec-Butylbenzene	<5000mg/kg	03/20/96	05	VA20
4-Isopropyltoluene	<5000mg/kg	03/20/96	05	VA20
1,3-Dichlorobenzene	<5000mg/kg	03/20/96	05	VA20
1,4-Dichlorobenzene	<5000mg/kg	03/20/96	05	VA20
n-Butylbenzene	<5000mg/kg	03/20/96	05	VA20
1,2-Dichlorobenzene	<5000mg/kg	03/20/96	05	VA20
1,2,4-Trichlorobenzene	<5000mg/kg	03/20/96	05	VA20
Hexachlorobutadiene	<5000mg/kg	03/20/96	05	VA20
Naphthalene	<5000mg/kg	03/20/96	05	VA20
1,2,3-Trichlorobenzene	<5000mg/kg	03/20/96	05	VA20

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMITS)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR
16 SUBCONTRACTED
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 DEPENDING UPON THE INTENDED USE OF THIS TEST RESULT, CONFIRMATION BY GC/MS OR DUAL COLUMN CHROMATOGRAPHY MAY BE REQUIRED
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION LIMITS
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 INDIVIDUAL AROCLORS DO NOT CARRY A DETECTION LIMIT BUT ARE INCLUSIVE TO THE TOTAL PCB CONTENT
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS) PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS) PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20, CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

pstate Laboratories, Inc.
14 Corporate Drive • E. Syracuse, NY 13057-1017
6) 437 0255 Fax 437 1209

Chain Of Custody Record

Client	Client Project # / Project Name	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Special Turnaround Time (Lab Notification required) / Remarks
BUO Remediation	Marinucka												Time 3/18/96 RUSH
Client Contact: M Farnsworth / Phone # 716 ...-4187	Site Location (city/state): 210 French Rd												

Sample Location	Date	Time	Matrix	Grab or Comp.	UL Internal Use Only	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks
UST	3-11-96	8am	Liquid		07896024	1	A										Solvent Scan

	parameter and method	sample bottle: type	size	pres.
1)	Solvents Scan EPA 8021 - FULL	Glass	Pt.	
2)				
3)				
4)				
5)				
6)				
7)				
8)				
9)				
10)				

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) Michael Farnsworth
Company: BUO

UL Internal Use Only
Delivery (check one):
☐ UL Sampled
☑ Pickup ☐ Dropoff

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	3-14-96	930 A	D. A. Clark
D. A. Clark	3/14/96	5:30 PM	
	3/15/96	1743	Rec'd for Lab by: (Signature) K. K...

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ)

RESEARCH OIL CO.

LAND DISPOSAL RESTRICTIONS NOTIFICATION FORM

GENERATOR: CMS Assoc. MANIFEST #: NYB7436007

HAZARDOUS WASTE CODES: D001, D008, D018, F001, F002

WASTE RESTRICTED: DOES NOT MEET TREATMENT STANDARDS

I am the generator of a restricted waste which must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D prior to land disposal.

Treatability Group (circle one) Wastewater[1] (Nonwastewater[2])

[If choice is not made this waste is presumed to be nonwastewater.]

Subcategory (if applicable):

[X] D001
- [ ] Ignitable managed in a CWA/CWA-equivalent/Class I SDWA systems
- [ ] Ignitable managed in a non-CWA/non-CWA-equivalent/non-Class I SDWA systems
- [ ] Ignitable High TOC

[ ] D002
- [ ] Corrosive managed in a CWA/CWA-equivalent/Class I SDWA systems
- [ ] Corrosive managed in a non-CWA/non-CWA-equivalent/non-Class I SDWA systems

[ ] D003
- [ ] Reactive Sulfides based on 261.23(a)(5)
- [ ] Reactive Cyanides based on 261.23(a)(5)
- [ ] Other Reactives based on 261.23(a)(1)

[ ] D009
- [ ] High Mercury-Organic
- [ ] High Mercury-Inorganic
- [ ] Low Mercury
- [ ] All D009 wastewaters

[ ] Other D008, D018, F001, F002

This form and the attached applicable lists of underlying hazardous constituents, F001-F005 and/or F039 constituents are submitted in accordance with 40 CFR Part 268 which restricts the land disposal of hazardous wastes.[3] (See next page)

****

Please attach available waste analysis data.

I hereby certify that this form is accurately completed to the best of my knowledge and/or waste analysis data.

Signature: Michael Pearson (Agent) Date: 4-18-96

GENERATOR: AFTER COMPLETION, PLEASE COPY ENTIRE DOCUMENT, INCLUDING APPLICABLE LISTS OF HAZARDOUS CONSTITUENTS, AND RETAIN ON-SITE IN YOUR FILES FOR FIVE YEARS. ORIGINAL SHOULD BE SENT WITH THE DRIVER.

[1]Defined in 40 CFR Part 268.2(f)
[2]Defined in 40 CFR Part 268.2(d)

Tank Closure Report

New York State Dept. of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

Attn: Petroleum Bulk Storage Section

Please be advised we will be closing tanks on 3-5-96
We will notify you if this schedule is changed.

PBS # NONE - unknown

Site Name CMS Associates
Street 210 French Rd.
City Cheektowaga NY

Tanks to be Closed	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Size:	2000				
Tank Type:	Steel				
Product:	waste oil				
UST or AST:	UST				
Removal or In Place:	Removal				

Owner CMS
Street 210 French Rd.
City Cheektowaga
Phone (716) 668-8545

Laboratory Upstate Labs
Street
City Syr. NY
Phone (315)

Contractor B.U.G. Remediation
Street 870 W. Genesee St.
City Corfu NY 14036
Phone (716) 599-4117

B.U.G. REMEDIATION

TO WHOM IT MAY CONCERN:

This is to verify that the following ~~drums~~/tanks originating from the location(s) stated below have been cleaned by B.U.G. REMEDIATION pursuant to all New York State Department of Environmental Conservation and United States Environmental Protection Agency Regulations.

TANKS/~~DRUMS~~: TYPE AND SIZE

GASoline - Steel - UST 2000 GAL.

COMPANY: GMS ASSOCIATES

LOCATION: 210 French Rd Buffalo NY 14227

DATE: 4-4-96

SIGNED: Michael Farnsworth

TITLE: Gen. Mgr.

Please refer to the instructions before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).

EPA Notification of Regulated Waste Activity

United States Environmental Protection Agency

Date Received (For Official Use Only)
Sent 4/1/96
Overnite UB Post

I. Installation's EPA ID Number (Mark "X" in the appropriate box)

[X] A. First Notification [ ] B. Subsequent Notification (complete item C)

C. Installation's EPA ID Number

II. Name of Installation (Include company and specific site name)

CMS Assoc Tiles Inc

III. Location of Installation (Physical address not P.O. Box or Route Number)

Street - BUILDING # (OR) LOCATION + DIRECTION FROM NEAREST CROSS STREET

210 French Road South East Cor

Street (continued)

Mer of Building of 210 French Rd.

City or Town | State | ZIP Code

Buffalo | NY | 14227-

County Code | County Name

ERIE

IV. Installation Mailing Address (See instructions)

Street or P.O. Box

SAME

City or Town | State | ZIP Code

V. Installation Contact (Person to be contacted regarding waste activities at site)

Name (last) | (first)

MARIACHER | ROBERT

Job Title | Phone Number (area code and number)

OWNER | 716-668-8515

VI. Installation Contact Address (See instructions)

A. Contact Address Location [X] Mailing [ ]

B. Street or P.O. Box

City or Town | State | ZIP Code

VII. Ownership (See instructions)

A. Name of Installation's Legal Owner

ROBERT MARIACHER

Street, P.O. Box, or Route Number

85 STATE CREEK DR.

City or Town | State | ZIP Code

CHEEKTOWAGA | NY | 14227-

Phone Number (area code and number) | B. Land Type | C. Owner Type | D. Change of Owner Indicator | Date Changed (Month, Day, Year)

716-668-8059 | | P | Yes [ ] No [X]

Continue on reverse

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

ID – For Official Use Only

VIII. Type of Regulated Waste Activity (Mark "X" in the appropriate boxes. Refer to instructions.)

A. Hazardous Waste Activity

1. Generator (See Instructions)
   - [X] a. Greater than 1000kg/mo (2,200 lbs.)
   - [ ] b. 100 to 1000 kg/mo (220 – 2,200 lbs.)
   - [ ] c. Less than 100 kg/mo (220 lbs.)
2. Transporter (Indicate Mode in boxes 1–5 below)
   - [ ] a. For own waste only
   - [ ] b. For commercial purposes

Mode of Transportation
- [ ] 1. Air
- [ ] 2. Rail
- [ ] 3. Highway
- [ ] 4. Water
- [ ] 5. Other – specify

3. [ ] Treater, Storer, Disposer (at installation) Note: A permit is required for this activity; see instructions.
4. Hazardous Waste Fuel
   - [ ] a. Generator Marketing to Burner
   - [ ] b. Other Marketers
   - [ ] c. Boiler and/or Industrial Furnace
     - [ ] 1. Smelter Deferral
     - [ ] 2. Small Quantity Exemption
   - Indicate Type of Combustion Device(s)
     - [ ] 1. Utility Boiler
     - [ ] 2. Industrial Boiler
     - [ ] 3. Industrial Furnace
5. [ ] Underground Injection Control

B. Used Oil Fuel Activities

1. Off-Specification Used Oil Fuel
   - [ ] a. Generator Marketing to Burner
   - [ ] b. Other Marketer
   - [ ] c. Burner – indicate device(s) – Type of Combustion Device
     - [ ] 1. Utility Boiler
     - [ ] 2. Industrial Boiler
     - [ ] 3. Industrial Furnace
2. [ ] Specification Used Oil Fuel Marketer (or On-site Burner) Who First Claims the Oil Meets the Specification

IX. Description of Regulated Wastes (Use additional sheets if necessary)

A. Characteristics of Nonlisted Hazardous Wastes. Mark "X" in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.20 – 261.24)

1. Ignitable (D001)	2. Corrosive (D002)	3. Reactive (D003)	4. Toxicity Characteristic (D000) (List specific EPA hazardous waste number(s) for the Toxicity Characteristic contaminant(s))
X			D008 D018

B. Listed Hazardous Wastes. (See 40 CFR 261.31 – 33. See instructions if you need to list more than 12 waste codes.)

1	2	3	4	5	6
F001	F002				
7	**8**	**9**	**10**	**11**	**12**

C. Other Wastes. (State or other wastes requiring a handler to have an I.D. number. See instructions.)

1	2	3	4	5	6

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Name and Official Title (type or print)	Date Signed
R F Mainhier	Robert F Marihcher owner	4/1/96

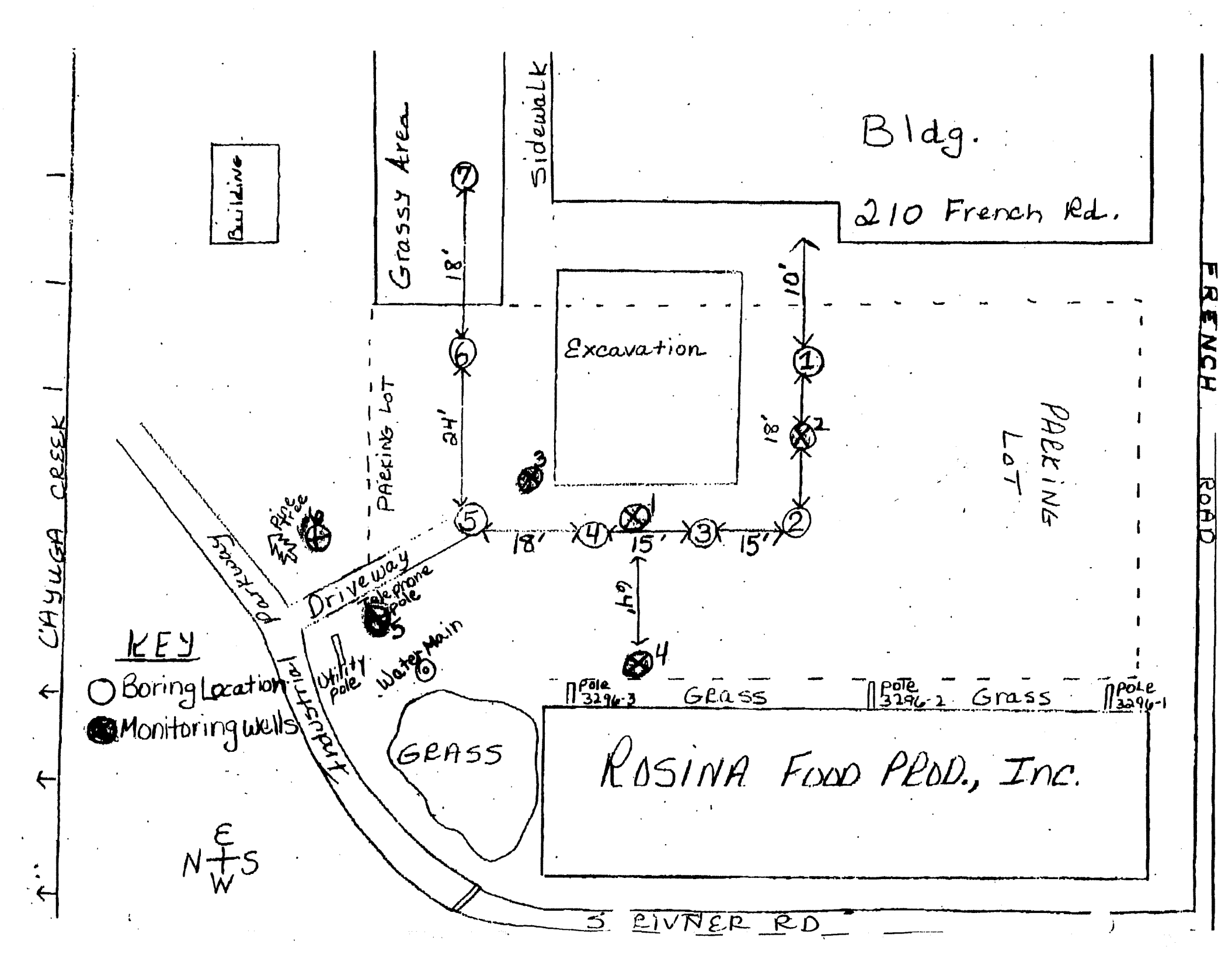
XI. Comments

This is a 1 Time deal. Material Found in a UST
at Removal Time – Found To Be GAS – Solvent Mix

Note: Mail completed form to the appropriate EPA Regional or State Office. (See Section III of the booklet for addresses.)

EPA Form 8700-12 (Rev. 9-92) Previous edition is obsolete

ENTS
4 NOT
SN


Bldg.
210 French Rd.
Building
Grassy Area
Sidewalk
Excavation
PARKING LOT
PARKING LOT
FRENCH ROAD
CAYUGA CREEK
18'
24'
18'
10'
18'
15'
15'
64'
Pine Tree
Driveway
Telephone Pole
Water Main
Utility Pole
Pole 3296-3
Pole 3296-2
Pole 3296-1
GRASS
GRASS
GRASS
ROSINA FOOD PROD., INC.
RIVER RD
KEY
Boring Location
Monitoring Wells
N
E
S
W

5/31/96	Bench Mark	100.00	Corner of Building-210 French Rd.	
8:30 A.M.	Shot	2.70		
	H I	102.70		

WELL #	DEPTH	SHOT	TOP WELL(pvc)	TOP of WELL TO WATER	WATER LEVEL
# 1	14' 9.5"	5.42	97.28	2.80	94.48
# 2	14' 10.5"	4.56	98.14	2.98	95.16
# 3	14' 4"	5.16	97.54	2.58	94.96
# 4	22' 4"	6.26	96.44	3.92	92.52
# 5	20' 1"	7.80	94.90	5.50	89.40
# 6	20'	7.30	95.40	16.75	78.65

EARTH DIMENSIONS, INC.
Soil and Hydrogeologic Investigations • Wetland Delineations
1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

8D98 HOLE NO. BH 1-96 SURF. ELEVATION _

PROJECT CMS Associates, 210 French Rd. LOCATION See survey
Town of Cheektowaga, Erie Co., N.Y.

CLIENT B.U.G. Remediation DATE STARTED 4/11/96 COMPLETED 4/11/96

DEPTH IN FT	SN	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
	1	15						Dark gray asphalt pavement. 0.3	Asphalt to 0.3 foot over sand and gravel subbase fill to 0.5 foot over silty soil fill with little clay and gravel to 3.0 feet over loamy soil fill with little gravel to 5.0 feet over loamy glacial till to refusal.
			4			7			
				3				Moist dark gray very gravelly (SAND) fill, compact. 0.5	
					3				
	2	2							
			4			8			
				5				Extremely moist dark gray (CLAYEY-SILT) fill with 10 to 15 percent gravel, little clay, firm. 3.0	
					5				
	3	2							
5			4						No water at completion.
				50/3				Extremely moist grayish brown (SAND-SILT-CLAY) fill with 10 to 15 percent gravel, little silt and clay, compact.	
								clear transition to 5.0	
								Extremely moist faintly mottled olive brown gravelly (SAND-SILT-CLAY) with 15 to 40 percent gravel, little silt and clay, dense, massive soil structure. 5.2	
10								Refusal at 5.2 feet.	
15									
20									

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Donald W. Owens, Senior Soil Scientist (amw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.
Soil and Hydrogeologic Investigations • Wetland Delineations
1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

8096 HOLE NO. BH 2-96 SURF. ELEVATION —

PROJECT CMS Associates, 210 French Rd. LOCATION See survey
Town of Cheektowaga, Erie Co., N.Y.

CLIENT B.U.G. Remediation DATE STARTED 4/11/96 COMPLETED 4/11/96

DEPTH IN FT	SN	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
	1	29						Dark gray asphalt pavement.	Asphalt to 0.5 foot over sand and gravel subbase fill to 2.0 feet over silty soil fill with little clay and gravel to 3.5 feet over loamy glacial drift with little gravel to 5.5 feet over loamy glacial till to refusal.
			17			26		0.5	
				9				Moist dark gray very gravelly (SAND) fill, dense.	
					8			2.0	
	2	7						Moist dark brown (CLAYEY-SILT) fill with 10 to 15 percent gravel, little clay, stiff.	
			5			10			
				5				3.5	
					6			Extremely moist brown (SAND-SILT-CLAY) with 10 to 15 percent gravel, little clay and silt, stiff.	No water at completion.
	3	5							
5			4					5.5	
				7				Extremely moist olive brown gravelly (SAND-SILT-CLAY) with 15 to 40 percent gravel, little silt and clay, massive soil structure.	
					50/3"			5.7	
								Refusal at 5.7 feet.	
10									
15									
20									

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Donald W. Owens, Senior Soil Scientist (amw)

EARTH DIMENSIONS, INC.
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1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

8D98 HOLE NO. BH 3-98 SURF. ELEVATION —

PROJECT CMS Associates, 210 French Rd. LOCATION See survey
Town of Cheektowaga, Erie Co., N.Y.

CLIENT B.U.G. Remediation DATE STARTED 4/11/98 COMPLETED 4/11/98

SN	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
1	19	9	7	7	16		Dark gray asphalt pavement. 0.5 Moist dark gray very gravelly (SAND) fill, compact. 1.0	Asphalt to 0.5 foot over sand and gravel subbase fill to 1.0 foot over loamy soil fill with little gravel to refusal.
2	13	8	8	4	16		Extremely moist grayish brown (SAND-SILT-CLAY) fill with 10 to 15 percent gravel, little silt and clay, compact. 4.3 Refusal at 4.3 feet.	
3	20/4							No water at completion.

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Donald W. Owens, Senior Soil Scientist (amw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.
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1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

8D98 HOLE NO. BH 4-98 SURF. ELEVATION —

PROJECT CMS Associates, 210 French Rd. LOCATION See survey
Town of Cheektowaga, Erie Co., N.Y.

CLIENT B.U.G. Remediation DATE STARTED 4/11/98 COMPLETED 4/11/98

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
	1	26						Dark gray asphalt pavement. 0.5	Asphalt to 0.5 foot over sand and gravel subbase fill to 1.5 foot over silty soil fill with little clay and gravel to 2.5 feet over loamy glacial till to refusal.
			15			25		Moist dark gray very gravelly (SAND) fill, compact. 1.5	
				10					
					8				
	2	6						Extremely moist dark gray (CLAYEY-SILT) fill with 10 to 15 percent gravel, little clay, firm. 2.5	
			5			9			
				4					
					5				
5								Extremely moist faintly mottled olive brown gravelly (SAND-SILT-CLAY) with 15 to 40 percent gravel, little silt and clay, loose, massive soil structure. 4.0	No water at completion.
								Auger refusal at 4.0 feet.	
10									
15									
20									

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Donald W. Owens, Senior Soil Scientist (dmw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.
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8D96 HOLE NO. BH 5-96 SURF. ELEVATION —

PROJECT CMS Associates, 210 French Rd. LOCATION See survey
Town of Cheektowaga, Erie Co., N.Y.

CLIENT B.U.G. Remediation DATE STARTED 4/11/96 COMPLETED 4/11/96

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
	1	36						Dark gray asphalt pavement. 0.5	Asphalt to 0.5 foot over sand and gravel subbase fill to 1.3 feet over silty soil fill with little clay and gravel to 2.5 feet over loamy soil fill with little gravel to 3.5 feet over loamy glacial drift with little clay and gravel to 4.5 feet over loamy glacial till to refusal.
			10			15		Moist dark gray very gravelly (SAND) fill, compact. 1.3	
				5					
					6				
	2	6						Extremely moist dark gray (CLAYEY-SILT) fill with 10 to 15 percent gravel, little clay, firm. 2.5	
			5			9			
				4					
					6				
	3	7						Extremely moist grayish brown (SAND-SILT-CLAY) fill with 10 to 15 percent gravel, little silt and clay, compact. 3.5	No water at completion.
5			25/5						
								Extremely moist brown (SAND-SILT-CLAY) with 10 to 15 percent gravel, little clay and silt, stiff. 4.5	
10								Extremely moist faintly mottled olive brown gravelly (SAND-SILT-CLAY) with 15 to 40 percent gravel, little silt and clay, dense, massive soil structure. 4.9	
								Refusal at 4.9 feet.	
15									
20									

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Donald W. Owens, Senior Soil Scientist (amw) SHEET 1 OF 1

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8D98 HOLE NO. BH 6-96 SURF. ELEVATION —

PROJECT CMS Associates, 210 French Rd. LOCATION See survey
Town of Cheektowaga, Erie Co., N.Y.

CLIENT B.U.G. Remediation DATE STARTED 4/11/96 COMPLETED 4/11/96

DEPTH IN FT | BLOWS ON SAMPLER

SN	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
1	15						Dark gray asphalt pavement. 0.5	Asphalt to 0.5 foot over sand and gravel subbase fill to 1.0 foot over silty soil fill with little clay and gravel to 1.5 feet loamy glacial drift with little clay and gravel to 2.3 feet over loamy glacial till to refusal.
		5			8		Moist dark gray very gravelly (SAND) fill, dense. 1.0	
			3					
				5				
2	10						Moist dark brown (CLAYEY-SILT) fill with 10 to 15 percent gravel, little clay, firm. 1.5	
		6			14			
			8					
				8				
3	6						Extremely moist brown (SAND-SILT-CLAY) with 10 to 15 percent gravel, little clay and silt, stiff. 2.3	No water at completion.
5		20/2						
							Extremely moist olive brown gravelly (SAND-SILT-CLAY) with 15 to 40 percent gravel, little silt and clay, massive soil structure. 4.7	
							Refusal at 4.7 feet.	
10								
15								
20								

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Donald W. Owens, Senior Soil Scientist (amw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.
Soil and Hydrogeologic Investigations • Wetland Delineations
1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

8D98 HOLE NO. BH 7-98 SURF. ELEVATION —

PROJECT CMS Associates, 210 French Rd. LOCATION See survey
Town of Cheektowaga, Erie Co., N.Y.

CLIENT B.U.G. Remediation DATE STARTED 4/11/98 COMPLETED 4/11/98

DEPTH IN FT	SN	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WATER TABLE AND REMARKS
	1	1						Moist dark brown (SILTY-SAND) topsoil, 0 to 3 percent gravel and some silt with roots.	Topsoil to 1.5 foot over silty soil fill with little clay and gravel to 3.5 over silty soil fill with little clay and gravel to 4.5 over loamy glacial drift with little clay and gravel to 5.0 over loamy glacial till to refusal.
			2			5		1.5	
				3				Extremely moist dark gray (CLAYEY-SILT) fill with 10 to 15 percent gravel, little clay, firm.	
					4				
	2	4							
			3			8			
				5				3.5	
					6			Extremely moist dark gray (CLAYEY-SILT) fill with 10 to 15 percent gravel, little clay, firm.	
	3	13							
5			8						No water at completion.
				6				4.5	
					20/2			Extremely moist brown (SAND-SILT-CLAY) with 10 to 15 percent gravel, little clay and silt, stiff.	
								5.0	
								Extremely moist olive brown gravelly (SAND-SILT-CLAY) with 15 to 40 percent gravel, little silt and clay, massive soil structure.	
10								5.7	
								Refusal at 5.7 feet.	
15									
20									

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Donald W. Owens, Senior Soil Scientist (amw) SHEET 1 OF 1

TE FOLLOWING IS THE READING FROM THE SPLIT-SPOON SAMPLING HEADSPACE TESTING WITH AN HNU PID METER. SAMPLE LOCATION IS 210 FRENCH RD., BUFFALO, NY.. BEFORE TESTING STARTED, A BACKGROUND TEST WITH THE HNU METER INDICATED A DETECTION READING OF .6 PPM. THEREFORE, EACH TEST SHOULD BE READ WITH THIS IN MIND.

4/11/96 CMS ASSOCIATES

TIME	HOLE #	DEPTH IN FEET	READING
8:30am	#1	2.5	.7 PPM
	#1	4.5	.7 PPM
BEDROCK	#1	5.5	15.6 PPM
9:15 am	#2	2.	.9 PPM
	#2	4.	1.1 PPM
BEDROCK	#2	5.7	.9 PPM
9:55am	#3	2.	.6 PPM
	#3	4.	.8 PPM
BEDROCK	#3	4.5	11.0 PPM
10:15am	#4	2.	.8 PPM
BEDROCK	#4	4.	3. PPM
10:35 am	#5	2.	.8 PPM
	#5	4.	2.0 PPM
BEDROCK	#5	4.9	2.4 PPM
10:55 am	#6	2.	.9 PPM
	#6	4.	.8 PPM
BEDROCK	#6	4.7	.7 PPM
11:15 am	#7	2.	.9 PPM
	#7	4.	.7 PPM
BEDROCK	#7	5.7	3.5 PPM

Xpedite **L**aboratories, **I**nc.

A Division of Upstate Laboratories Inc. **ULI**

Box 119, Eastwood Station, Syracuse, New York 13206 Ph 315 431 0134 Fax 315 463 8386 or 437 1209

Buffalo Syracuse Watertown Albany Binghamton Rochester Fair Lawn (NJ)

UPS NEXT DAY AIR

5/20/96

Mr. Mike Farnsworth
President
B.U.G. Remediation
870 W. Genesee St.
Corfu, NY 14036

Re: Analysis Report #05209601- (VOC253)

Dear Mr. Farnsworth:

Please find enclosed the results for your soil and water samples.

Should you have any questions or feedback on our service, please feel free to give me a call. Your input is important to me.

Thank you for your time.

Sincerely,
XPEDITE LABORATORIES, INC.

Anthony J. Scala

Anthony J. Scala
Chemist/Principle

Enclosures: report, invoice
cc/encs: Nick Scala, Principle

Note: Faxed results were given to your office on 5/17/96. AJS

Xpedite Laboratories Inc.
A Division of Upstate Laboratories, Inc.
Box 119, Eastwood Station
Syracuse, New York 13206
Phone: (315) 431 0134 Fax: (315) 463 8385

B.U.G. REMEDIATION

Sampled Date: 5/15/96
Sampled By: B.U.G.
Rec'd Date: 5/15/96
Sample Matrix: Aqueous
Sample Type: Grab
Analysis Date: 5/16/96
Report Number: 05209601
QC File #: VOC253

Client Project:
Mariacher Site

VOLATILE ORGANIC COMPOUNDS EPA METHOD 8010 (UG/L)

	CLIENT ID:	Well #1	Well #2	Well #3
	XPEDITE ID (X13696...):	001	002	003
	PQL:	100	500	100
1	Dichlorodifluoromethane	ND	ND	ND
2	Chloromethane	ND	ND	ND
3	Vinyl Chloride *	ND	ND	ND
4	Bromomethane	ND	ND	ND
5	Chloroethane	ND	ND	ND
6	Trichlorofluoromethane	ND	ND	ND
7	1,1-Dichloroethene *	560	1200	310
8	Methylene Chloride	ND	ND	ND
9	cis-1,2-Dichloroethene *	1900	1600	1000
10	trans-1,2-Dichloroethene *	ND	ND	ND
11	1,1-Dichloroethane	>9800	>32,000	>8200
12	Chloroform +	ND	ND	ND
13	1,1,1-Trichloroethane	>9400	>45,000	>7300
14	Carbon Tetrachloride	ND	ND	ND
15	1,2-Dichloroethane	100	650	120
16	Trichloroethene *	1200	1300	400
17	1,2-Dichloropropane	ND	ND	ND
18	Bromodichloromethane +	ND	ND	ND
19	cis-1,3-Dichloropropene *	ND	ND	ND
20	trans-1,3-Dichloropropene *	ND	ND	ND
21	1,1,2-Trichloroethane	ND	ND	ND
22	Tetrachloroethene *	3700	12,000	1700
23	Dibromochloromethane +	ND	ND	ND
24	Bromoform +	ND	ND	ND
25	1,1,2,2-Trichloroethene	ND	ND	ND
26	Chlorobenzene *	ND	ND	ND
27	1,2-Dichlorobenzene *	ND	ND	ND
28	1,3-Dichlorobenzene *	ND	ND	ND
29	1,4-Dichlorobenzene *	540	610	100

Analytical Summary:

* PID and Hall responsive compounds (dual detector confirmation).
+ Common Trihalomethanes found in chlorinated water sources like potable water.

Approval: Anthony J. Scala
Anthony J. Scala

Date: 5/20/96
NYSDOH ELAP Certification #10170
Instrument: Perkin-Elmer Autosystem 1
Tekmar 32-port Autoanalyzer

Xpedite Laboratories Inc.
A Division of Upstate Laboratories, Inc.
Box 119, Eastwood Station
Syracuse, New York 13206
Phone: (315) 431 0134 Fax: (315) 463 8386

B.U.G. REMEDIATION

Sampled Date: 5/29/96
Sampled By: B.U.G.
Rec'd Date: 5/30/96
Sample Matrix: Aqueous
Sample Type: Grab
Analysis Date: 5/31/96
Report Number:
QC File #: VOC256

Client Project:
Mariacher Site

VOLATILE ORGANIC COMPOUNDS EPA METHOD 8010 (UG/L)

	CLIENT ID:	Well #4	Well #5						
	XPEDITE ID (X15196...):	001	002						
	PQL:	250	500						
1	Dichlorodifluoromethane	ND	ND						
2	Chloromethane	ND	ND						
3	Vinyl Chloride *	ND	ND						
4	Bromomethane	ND	ND						
5	Chloroethane	ND	ND						
6	Trichlorofluoromethane	ND	ND						
7	1,1-Dichloroethene *	570	ND						
8	Methylene Chloride	ND	ND						
9	cis-1,2-Dichloroethene *	ND	790						
10	trans-1,2-Dichloroethene *	ND	ND						
11	1,1-Dichloroethane	400	3300						
12	Chloroform +	ND	ND						
13	1,1,1-Trichloroethane	>20,000	8900						
14	Carbon Tetrachloride	ND	ND						
15	1,2-Dichloroethane	ND	ND						
16	Trichloroethene *	ND	ND						
17	1,2-Dichloropropane	ND	ND						
18	Bromodichloromethane +	ND	ND						
19	cis-1,3-Dichloropropene *	ND	ND						
20	trans-1,3-Dichloropropene *	ND	ND						
21	1,1,2-Trichloroethane	ND	ND						
22	Tetrachloroethene *	ND	ND						
23	Dibromochloromethane +	ND	ND						
24	Bromoform +	ND	ND						
25	1,1,2,2-Trichloroethane	ND	ND						
26	Chlorobenzene *	ND	ND						
27	1,2-Dichlorobenzene *	ND	ND						
28	1,3-Dichlorobenzene *	ND	ND						
29	1,4-Dichlorobenzene *	ND	ND						

Analytical Summary:
* PID and Hall responsive compounds (dual detector confirmation).
+ Common Trihalomethanes found in chlorinated water sources like potable water.

Approval:

Anthony J. Scala

Date: 5/31/96
NYSDOH ELAP Certification #10170
Instrument: Perkin-Elmer Autosystem 1
Tekmar 32-port Autoanalyzer

ACTS TESTING LABS

6/5/96

RESULTS:

EPA 8010	ACTS #6B-04932E WELL #4	ACTS #6B-04933E WELL #5
Chloroethane	< 1.0	< 1.0
Bromomethane	< 1.0	< 1.0
Vinyl Chloride	< 1.0	320
Trichlorofluoromethane	< 0.5	< 0.5
1,1-Dichloroethene	< 0.5	89.0
Methylene Chloride	12.0B	11.0
Trans 1,2-Dichloroethene	< 0.5	< 0.5
1,1-Dichloroethane	15.0	2500
Cis 1,2-Dichloroethene	1.0	740
Chloroform	< 0.5	< 0.5
1,1,1-Trichloroethane	< 0.5	120
Carbon Tetrachloride	< 0.5	< 0.5
1,2-Dichloroethane	< 0.5	31.0
Trichloroethene	< 0.5	200
1,2-Dichloropropane	< 0.5	< 0.5
Dibromomethane	< 0.5	< 0.5
Bromodichloromethane	< 0.5	< 0.5
trans-1,3-Dichloropropene	< 0.5	< 0.5
cis-1,3-Dichloropropene	< 0.5	< 0.5
1,1,2-Trichloroethane	< 0.5	2.0
Tetrachloroethene	< 0.5	10.0
Dibromochloromethane	< 0.5	< 0.5
Chlorobenzene	< 0.5	< 0.5
1,1,1,2-Tetrachloroethane	< 0.5	< 0.5
Bromoform	< 0.5	< 0.5
1,1,2,2-Tetrachloroethane	< 0.5	< 0.5
1,2,3-Trichloropropane	< 0.5	< 0.5
2-Chlorotoluene	< 0.5	< 0.5
1,3-Dichlorobenzene	< 0.5	< 0.5
1,4-Dichlorobenzene	< 0.5	< 0.5
1,2-Dichlorobenzene	< 0.5	< 0.5
2-Chloroethyl Vinyl Ether	< 0.5	< 0.5

Results are reported at micrograms per liter (ug/L).
B=Found in Method Blank at 10.0 ug/L

Xpedite Laboratories Inc.
A Division of Upstate Laboratories, Inc.
Box 119, Eastwood Station
Syracuse, New York 13206
Phone: (315) 431 0134 Fax: (315) 463 6386

B.U.G. REMEDIATION

Sampled Date: 5/31/96
Sampled By: B.U.G.
Rec'd Date: 6/3/96
Sample Matrix: Aqueous
Sample Type: Grab
Analysis Date: 6/3/96
Report Number:
QC File #: VOC257

Client Project:
Mariacher Site

VOLATILE ORGANIC COMPOUNDS EPA METHOD 8010 (UG/L)

	CLIENT ID:	Well #6
	XPEDITE ID (X15596...):	001
	PQL:	10
1	Dichlorodifluoromethane	ND
2	Chloromethane	ND
3	Vinyl Chloride *	ND
4	Bromomethane	ND
5	Chloroethane	ND
6	Trichlorofluoromethane	ND
7	1,1-Dichloroethene *	ND
8	Methylene Chloride	ND
9	cis-1,2-Dichloroethene *	ND
10	trans-1,2-Dichloroethene *	ND
11	1,1-Dichloroethane	10
12	Chloroform +	ND
13	1,1,1-Trichloroethane	ND
14	Carbon Tetrachloride	ND
15	1,2-Dichloroethane	ND
16	Trichloroethene *	ND
17	1,2-Dichloropropane	ND
18	Bromodichloromethane +	ND
19	cis-1,3-Dichloropropene *	ND
20	trans-1,3-Dichloropropene *	ND
21	1,1,2-Trichloroethane	ND
22	Tetrachloroethene *	ND
23	Dibromochloromethane +	ND
24	Bromoform +	ND
25	1,1,2,2-Trichloroethane	ND
26	Chlorobenzene *	ND
27	1,2-Dichlorobenzene *	ND
28	1,3-Dichlorobenzene *	ND
29	1,4-Dichlorobenzene *	ND

Analytical Summary:
* PID and Hall responsive compounds (dual detector confirmation).
+ Common Trihalomethanes found in chlorinated water sources like potable water.

Approval: Anthony J. Scala

Date: 6/4/96
NYSDOH ELAP Certification #10170
Instrument: Perkin-Elmer Autosystem 1
Tekmar 32-port Autoanalyzer

Xpedite Laboratories Inc.
A Division of Upstate Laboratories, Inc.
Box 119, Eastwood Station
Syracuse, New York 13206
Phone: (315) 431 0134 Fax: (315) 463 8356

B.U.G. REMEDIATION

Sampled Date: 5/15/96
Sampled By: B.U.G.
Rec'd Date: 5/15/96
Sample Matrix: Aqueous
Sample Type: Grab
Analysis Date: 5/16/96
Report Number: 05209601
QC File #: VOC253

Client Project:
Mariacher Site

VOLATILE ORGANIC COMPOUNDS EPA METHOD 8020 (UG/L)

	CLIENT ID:	Well #1	Well #2	Well #3					
	XPEDITE ID (X13696...):	001	002	003					
	PQL:	100	500	100					
1	Benzene	ND	ND	ND					
2	Toluene	ND	ND	ND					
3	Ethylbenzene	ND	ND	ND					
4	m-Xylene and p-Xylene	100	ND	ND					
5	o-Xylene	140	ND	ND					
6	Chlorobenzene	ND	ND	ND					
7	1,2-Dichlorobenzene	ND	ND	ND					
8	1,3-Dichlorobenzene	ND	ND	ND					
9	1,4-Dichlorobenzene	540	610	100					

Analytical Summary:

Approval: Anthony J. Scala
Anthony J. Scala

Date: 5/20/96
NYSDOH ELAP Certification #10170
Instrument: Perkin-Elmer Autosystem 1
Tekmar 32-port Autoanalyzer

Xpedite Laboratories Inc.
A Division of Upstate Laboratories, Inc.
Box 119, Eastwood Station
Syracuse, New York 13206
Phone: (315) 431 0134 Fax: (315) 463 6385

B.U.G. REMEDIATION

Sampled Date: 5/29/96
Sampled By: B.U.G.
Rec'd Date: 5/30/96
Sample Matrix: Aqueous
Sample Type: Grab
Analysis Date: 5/31/96
Report Number:
QC File #: VOC256

Client Project:
Mariacher Site

VOLATILE ORGANIC COMPOUNDS EPA METHOD 8020 (UG/L)

	CLIENT ID:	Well #4	Well #5						
	XPEDITE ID (X15196...):	001	002						
	PQL:	250	500						
1	Benzene	ND	ND						
2	Toluene	ND	ND						
3	Ethylbenzene	ND	ND						
4	m-Xylene and p-Xylene	ND	ND						
5	o-Xylene	ND	ND						
6	Chlorobenzene	ND	ND						
7	1,2-Dichlorobenzene	ND	ND						
8	1,3-Dichlorobenzene	ND	ND						
9	1,4-Dichlorobenzene	ND	ND						

Analytical Summary:

Approval:

Anthony J. Scala

Date: 5/31/96
NYSDOH ELAP Certification #10170
Instrument: Perkin-Elmer Autosystem 1
Tekmar 32-port Autoanalyzer

ACTS TESTING LABS

June 7, 1996
Technical Report #6B-04932E

EPA 8020	ACTS #6B-04932E WELL #4	ACTS #6B-04933E WELL #5
Benzene	14.0	2.0
Toluene	37.0	5.0
Chlorobenzene	< 0.5	< 0.5
Ethylbenzene	6.0	2.0
M,P-Xylenes	48.0	< 1.0
O-Xylene	17.0	6.0
1,3-Dichlorobenzene	< 0.5	< 0.5
1,4-Dichlorobenzene	< 0.5	< 0.5
1,2-Dichlorobenzene	< 0.5	< 0.5

Results are reported as micrograms per liter (ug/L).

Xpedite Laboratories Inc.
A Division of Upstate Laboratories, Inc.
Box 119, Eastwood Station
Syracuse, New York 13206
Phone: (315) 491 0134 Fax: (315) 463 8356

B.U.G. REMEDIATION

Sampled Date: 5/31/96
Sampled By: B.U.G.
Rec'd Date: 6/3/96
Sample Matrix: Aqueous
Sample Type: Grab
Analysis Date: 6/3/96
Report Number:
QC File #: VOC257

Client Project:
Mariacher Site

VOLATILE ORGANIC COMPOUNDS EPA METHOD 8020 (UG/L)

	CLIENT ID:	Well #6
	XPEDITE ID (X15596...):	001
	PQL:	10
1	Benzene	ND
2	Toluene	21
3	Ethylbenzene	ND
4	m-Xylene and p-Xylene	38
5	o-Xylene	17
6	Chlorobenzene	ND
7	1,2-Dichlorobenzene	ND
8	1,3-Dichlorobenzene	ND
9	1,4-Dichlorobenzene	ND

Analytical Summary:

Approval: Anthony J. Scala

Anthony J. Scala

Date: 6/4/96
NYSDOH ELAP Certification #10170
Instrument: Perkin-Elmer Autosystem 1
Tekmar 32-port Autoanalyzer

...pstate Laboratories...
..34 Corporate Drive • E. Syracuse, NY 13057-1017
..5) 437 0255 Fax 437 1209

Chain of Custody Record

..ent:			Client Project # / Project Name			No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Special Turnaround Time (Lab Notification required)
..ent Contact:	Phone #		Site Location (city/state)														
..mple Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only		1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks
Well 4	5-29		WATER	G			X										
Well 5	5 29		WATER	G				X									ASAP
																	ATTN: CURL
																	X ADIFE LIBS

parameter and method	sample bottle:	type	size	pres.
1) Well #4 - E 8010/8020 01			40ml	
2) Well #5 - E A 8010/8020 01			40ml	
3)				
4)				
5)				
6)				
7)				
8)				
9)				
10)				

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) Mike Farnsworth

Company:

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☐ Pickup
☒ Dropoff
☒ CC CLICK

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	5/29/96	4:55	[signature]
[signature]	5/29/96	18:05	
			Rec'd for Lab by: (Signature)

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ)

6034 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

Client	Client Project # / Project Name		Special Turnaround Time (Lab Notification required)
[illegible]			TUESDAY MORNING
Client Contact	Phone #	Site Location (city/state)	

Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks
Well # 6	5 31		Water	G		2	8010/8020										SUB TO XP10172 LABS

parameter and method	sample bottle: type	size	pres.
1) EPA Method 8010/8020	2X		
2)			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
10)			

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print)

Company:

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☑ Pickup ☐ Dropoff
☐ CC

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	5-31-96	1300	[signature]
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Rec'd for Lab by: (Signature)

334 Corporal Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

(VOC253)

Client:	Project # / Project Name					No. of Containers										Remarks
B.U.G. Remediation	Mariacher Site															
Client Contact:	Phone #	Location (city/state) Address														
Mike Farnsworth	716-599-4417	Cheektowaga, NY														
Sample ID	Date	Time	Matrix	Grab or Comp.	Lab Internal Use Only XLI		1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	
Well #1	5-15-96	1000H	W	G	X136-001	1	X										
Well #2		1015H	W	G	002	1	X										
Well #3		1030H	W	G	003	1	X										
Stockpile #1		0900H	Soil	C	004	1	X										
Pile #1		0920H	Soil	C	005	1	X										
Pile #2		0945H	Soil	C	006	1	X										

Parameter and method	sample bottle:	type	size	pres.
8010/8020				

Sampled by:(Print): Mike Farnsworth

Company: B.U.G Remediation

Name of Courier (if used):

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	5/15/96	1415H	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
			[signature]
Relinquished by: (Signature)	Date	Time	Rec'd for Lab by: (Signature)
	5/15/96	1415H	[signature]

Note: The numbered columns above cross reference with the numbered columns in the upper right hand corner.

ACTS TESTING LABS

CHAIN OF CUSTODY RECORD

(Instructions on Reverse)

Company Name: B.U.G. Remediation	Address: 870 W. Genesee St Corfu NY 14036
Report Recipient: M. Farnsworth	
Phone #: 716-599-4117	Project Name: N/A
Fax #: 716 599-4119	Project #: N/A
Samplers: (Signature)	

Remarks: 24 hr TAT
8010 - 8020
Please FAX Results
ASAP.

Preservation

DATE	TIME	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	MATRIX	ACTS # (for Lab use only)	SAMPLE ID	# of containers	TAT 24 HR	Test Requested/Analysis 8010 8020
6/5/96	11am		G	water	6804932C	well # 4	4X	40ml	
6/5/96	115pm		G	water	6804933C	well #5	4X	40ml	

Relinquished By: (Signature) Michael Farnsworth	Date/Time: 6/5/96 1145hr	Received By: (Signature)
Date/Time: 1:45pm 6596	Received at Laboratory By: (Signature) Cindy Edwards	

Relinquished By: (Signature)

ACTS Testing Labs, Inc.
Attn: Sample Custodian
3916 Broadway Buffalo, NY 14227
ph: 716-684-3300 fax: 716-684-3303

Quote #: _____
PO #: _____

Distribution: White - Report
Yellow - Laboratory

Upstate Laboratories inc.

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209
Mailing: Box 289 • Syracuse, NY 13206
Albany (518) 459-3134
Binghamton (607) 724-0478
Buffalo (716) 662-2118
Rochester (716) 436-9070
New Jersey (201) 703-1324

May 21, 1996

Mr. Mike Farnsworth
President
B.U.G. Remediation
870 W. Genesee St.
Corfu, NY 14036

Re: Analysis Report #13196081 - Bob Mariacher 210 French Rd

Dear Mr. Farnsworth:

Please find enclosed the results for your sample which was picked up by ULI personnel on May 9, 1996.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala
Director

AJS/lw

Enclosures: report, invoice

cc/encs: N. Scala, ULI
file

Note: Faxed results were given to your office on 5/13/96. AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 05/21/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 13196081
Client I.D.: B.U.G. REMEDIATION
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BOB MARIACHER 210
FRENCH RD WALL COMPOSITE 1540H 05/08/96 C

ULI I.D.: 13196081 Matrix: Soil

	PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
	Percent Solids	86%	05/10/96		WB285
Total	Chromium	31mg/kg dw	05/13/96		MA617
Total	Lead	48mg/kg dw	05/13/96		MA617
	EPA Method 8021				
	Dichlorodifluoromethane	<1.2ug/kg dw	05/10/96		VOC25
	Chloromethane	<1.2ug/kg dw	05/10/96		VOC25
	Vinyl Chloride	<1.2ug/kg dw	05/10/96		VOC25
	Bromomethane	<1.2ug/kg dw	05/10/96		VOC25
	Chloroethane	<1.2ug/kg dw	05/10/96		VOC25
	Trichlorofluoromethane	<1.2ug/kg dw	05/10/96		VOC25
	1,1-Dichloroethene	<1.2ug/kg dw	05/10/96		VOC25
	Methylene Chloride	7.0ug/kg dw	05/10/96		VOC25
	trans-1,2-Dichloroethene	<1.2ug/kg dw	05/10/96		VOC25
	1,1-Dichloroethane	<1.2ug/kg dw	05/10/96		VOC25
	2,2-Dichloropropane	<1.2ug/kg dw	05/10/96		VOC25
	cis-1,2-Dichloroethene	<1.2ug/kg dw	05/10/96		VOC25
	Chloroform	<1.2ug/kg dw	05/10/96		VOC25
	Bromochloromethane	<1.2ug/kg dw	05/10/96		VOC25
	1,1,1-Trichloroethane	14ug/kg dw	05/10/96		VOC25
	1,1-Dichloropropene	<1.2ug/kg dw	05/10/96		VOC25
	Carbon Tetrachloride	<1.2ug/kg dw	05/10/96		VOC25
	1,2-Dichloroethane	<1.2ug/kg dw	05/10/96		VOC25
	Trichloroethene	16ug/kg dw	05/10/96		VOC25
	1,2-Dichloropropane	<1.2ug/kg dw	05/10/96		VOC25
	Bromodichloromethane	<1.2ug/kg dw	05/10/96		VOC25
	Dibromomethane	<1.2ug/kg dw	05/10/96		VOC25
	cis-1,3-Dichloropropene	<1.2ug/kg dw	05/10/96		VOC25
	trans-1,3-Dichloropropene	<1.2ug/kg dw	05/10/96		VOC25
	1,1,2-Trichloroethane	<1.2ug/kg dw	05/10/96		VOC25
	Tetrachloroethene	29ug/kg dw	05/10/96		VOC25
	1,3-Dichloropropane	<1.2ug/kg dw	05/10/96		VOC25
	Dibromochloromethane	<1.2ug/kg dw	05/10/96		VOC25
	1,2-Dibromoethane	<1.2ug/kg dw	05/10/96		VOC25
	1,1,1,2-Tetrachloroethane	<1.2ug/kg dw	05/10/96		VOC25
	Bromoform	<1.2ug/kg dw	05/10/96		VOC25
	1,1,2,2-Tetrachloroethane	<1.2ug/kg dw	05/10/96		VOC25
	1,2,3-Trichloropropane	<1.2ug/kg dw	05/10/96		VOC25
	1,2-Dibromo-3-chloropropane	<1.2ug/kg dw	05/10/96		VOC25
	Benzene	<1.2ug/kg dw	05/10/96		VOC25
	Toluene	<1.2ug/kg dw	05/10/96		VOC25

dw = Dry weight

DATE: 05/21/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 13196081
Client I.D.: B.U.G. REMEDIATION
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BOB MARIACHER 210
FRENCH RD WALL COMPOSITE 1540H 05/08/96 C

ULI I.D.: 13196081 Matrix: Soil

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
Chlorobenzene	<1.2ug/kg dw	05/10/96		VOC2
Ethylbenzene	<1.2ug/kg dw	05/10/96		VOC2
m-Xylene and p-Xylene	<1.2ug/kg dw	05/10/96		VOC2
o-Xylene	<1.2ug/kg dw	05/10/96		VOC2
Styrene	<1.2ug/kg dw	05/10/96		VOC2
Isopropylbenzene	<1.2ug/kg dw	05/10/96		VOC2
n-Propylbenzene	<1.2ug/kg dw	05/10/96		VOC2
Bromobenzene	<1.2ug/kg dw	05/10/96		VOC2
1,3,5-Trimethylbenzene	<1.2ug/kg dw	05/10/96		VOC2
2-Chlorotoluene	<1.2ug/kg dw	05/10/96		VOC2
4-Chlorotoluene	<1.2ug/kg dw	05/10/96		VOC2
tert-Butylbenzene	<1.2ug/kg dw	05/10/96		VOC2
1,2,4-Trimethylbenzene	<1.2ug/kg dw	05/10/96		VOC2
sec-Butylbenzene	<1.2ug/kg dw	05/10/96		VOC2
4-Isopropyltoluene	<1.2ug/kg dw	05/10/96		VOC2
1,3-Dichlorobenzene	<1.2ug/kg dw	05/10/96		VOC2
1,4-Dichlorobenzene	<1.2ug/kg dw	05/10/96		VOC2
n-Butylbenzene	<1.2ug/kg dw	05/10/96		VOC2
1,2-Dichlorobenzene	<1.2ug/kg dw	05/10/96		VOC2
1,2,4-Trichlorobenzene	<1.2ug/kg dw	05/10/96		VOC2
Hexachlorobutadiene	<1.2ug/kg dw	05/10/96		VOC2
Naphthalene	<1.2ug/kg dw	05/10/96		VOC2
1,2,3-Trichlorobenzene	<1.2ug/kg dw	05/10/96		VOC2

dw = Dry weight

034 Corporate Drive • E. Syracuse, NY 13057-1017
)15) 437 0255 Fax 437 1209

Chain Of Custody Record

5/13 HDD

Client:	Client Project # / Project Name	No. of Containers	1) EPA 8021	2) T-LEAD T-CHROMIUM	3)	4)	5)	6)	7)	8)	9)	10)	Special Turnaround Time RUSH (Lab Notification required) 24 HR
BUG REMEDIATION	BOB MARIACHER 210 FRENCH RD												

Client Contact:	Phone #	Site Location (city/state)
MIKE FARNSWORTH	716-599-4117	CHEEKTOWAGA N.Y.

Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks
WALL COMPOSITE	5/8/96	3:40PM	SOIL	COMP	13196081	1	X	X	(X)								ULI PO# 3972

Parameter and method	sample bottle: type	size	pres.
EPA 8021	GL	16OZ.	NONE
T-LEAD T-CHROMIUM	"	"	"
(% Solids)**			

Sampled by: (Please Print) MIKE FARNSWORTH
Company:

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☒ Pickup ☐ Dropoff
☒ CC CLICK

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	5/9/96	12:20PM	[signature]
[signature]	5/9/96	6:15PM	
	5/10/96	0800	Rec'd for Lab by: K. K[signature]

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ)

Xpedite Laboratories Inc.
A Division of Upstate Laboratories, Inc.
Box 119, Eastwood Station
Syracuse, New York 13206
Phone: (315) 431 0134 Fax: (315) 463 8386

B.U.G. REMEDIATION

Sampled Date: 5/15/96
Sampled By: B.U.G.
Rec'd Date: 5/15/96
Sample Matrix: Soil
Sample Type: Composite
Analysis Date: 5/16/96
Report Number: 05209601
QC File #: VOC253

Client Project:
Mariacher Site

VOLATILE ORGANIC COMPOUNDS EPA METHOD 8010 (UG/KG) WET WEIGHT

	CLIENT ID:	Stockpile #1	Pile #1	Pile #2		
	XPEDITE ID (X13696...):	004	005	006		
	PQL:	5	500	500		
1	Dichlorodifluoromethane	ND	ND	ND		
2	Chloromethane	ND	ND	ND		
3	Vinyl Chloride *	ND	ND	ND		
4	Bromomethane	ND	ND	ND		
5	Chloroethane	ND	ND	ND		
6	Trichlorofluoromethane	ND	ND	ND		
7	1,1-Dichloroethene *	ND	ND	ND		
8	Methylene Chloride	ND	ND	ND		
9	cis-1,2-Dichloroethene *	12	ND	ND		
10	trans-1,2-Dichloroethene *	ND	ND	ND		
11	1,1-Dichloroethane	43	ND	810		
12	Chloroform +	ND	ND	ND		
13	1,1,1-Trichloroethane	51	6200	14,000		
14	Carbon Tetrachloride	ND	ND	ND		
15	1,2-Dichloroethane	ND	ND	ND		
16	Trichloroethene *	7	ND	ND		
17	1,2-Dichloropropane	ND	ND	ND		
18	Bromodichloromethane +	ND	ND	ND		
19	cis-1,3-Dichloropropene *	ND	ND	ND		
20	trans-1,3-Dichloropropene *	ND	ND	ND		
21	1,1,2-Trichloroethane	ND	ND	ND		
22	Tetrachloroethene *	170	14,000	>28,000		
23	Dibromochloromethane +	ND	ND	ND		
24	Bromoform +	ND	ND	ND		
25	1,1,2,2-Trichloroethane	ND	ND	ND		
26	Chlorobenzene *	ND	ND	ND		
27	1,2-Dichlorobenzene *	ND	ND	ND		
28	1,3-Dichlorobenzene *	ND	ND	ND		
29	1,4-Dichlorobenzene *	ND	ND	850		

Analytical Summary:

* PID and Hall responsive compounds (dual detector confirmation).

+ Common Trihalomethanes found in chlorinated water sources like potable water.

0.5 TCE

Approval: Anthony J. Scala
Anthony J. Scala

Date: 5/20/96
NYSDOH ELAP Certification #10170
Instrument: Perkin-Elmer Autosystem 1
Tekmar 32-port Autoanalyzer

Xpedite Laboratories Inc.
A Division of Upstate Laboratories, Inc.
Box 119, Eastwood Station
Syracuse, New York 13206
Phone: (315) 431 0134 Fax: (315) 463 8386

B.U.G. REMEDIATION

Sampled Date: 5/15/96
Sampled By: B.U.G.
Rec'd Date: 5/15/96
Sample Matrix: Soil
Sample Type: Composite
Analysis Date: 5/16/96
Report Number: 05209601
QC File #: VOC253

Client Project:
Mariacher Site

VOLATILE ORGANIC COMPOUNDS EPA METHOD 8020 (UG/KG) WET WEIGHT

	CLIENT ID:	Stockpile #1	Pile #1	Pile #2		
	XPEDITE ID (X13696...):	004	005	006		
	PQL:	5	500	500		
1	Benzene	64	ND	ND		
2	Toluene	62	ND	ND		
3	Ethylbenzene	26	1200	ND		
4	m-Xylene and p-Xylene	49	690	ND		
5	o-Xylene	87	1000	1100		
6	Chlorobenzene	ND	ND	ND		
7	1,2-Dichlorobenzene	ND	ND	ND		
8	1,3-Dichlorobenzene	ND	ND	ND		
9	1,4-Dichlorobenzene	ND	ND	850		

Analytical Summary:

.5 23 45

Approval: Anthony J. Scala
Anthony J. Scala

Date: 5/20/96
NYSDOH ELAP Certification #10170
Instrument: Perkin-Elmer Autosystem 1
Tekmar 32-port Autoanalyzer

Upstate Laboratories, Inc.
034 Corporate Drive E. Syracuse New York 13057
15) 437 0255 Fax 437 1209

Chain Of Custody Record

(VOC253)

Client:	Project # / Project Name					No. of Containers										Remarks
B.U.G. Remediation	Mariacher Site															
Client Contact: / Phone #	Location (city/state) Address															
Mike Farnsworth 716-549-4017	Cheektowaga, NY															
Sample ID	Date	Time	Matrix	Grab or Comp.	Lab Internal Use Only XLI		1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	
Well #1	5-15-96	1000H	W	G	X136-001	1	X										
Well #2		1015H	W	G	002	1	X										
Well #3		1030H	W	G	003	1	X										
Stockpile #1		0900H	Soil	C	004	1	X										
Pile #1		0920H	Soil	C	005	1	X										
Pile #2		0945H	Soil	C	006	1	X										

Parameter and method	sample bottle: type	size	pres.
8010/8020			

Sampled by:(Print): Mike Farnsworth
Company: B.U.G Remediation

Name of Courier (if used):

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	5/15/96	1415H	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
			[signature]
Relinquished by: (Signature)	Date	Time	Rec'd for Lab by: (Signature)
	5/15/96	1415H	[signature]

1 Note: The numbered columns above cross reference with the numbered columns in the upper right hand corner.

HAZARD EVALUATIONS

HAZARD EVALUATIONS, INC. • 3836 N. BUFFALO ROAD • ORCHARD PARK, NEW YORK 14127
716-667-3130 • FAX 716-667-3156

August 5, 1996

Martin Doster, P.E., Regional HWR Engineer
Division of Environmental Remediation
NYS Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

Re: **Conceptual Site Remediation Work Plan;**
210 French Road, Cheektowaga, NY;
Release Number: 9515702

Dear Mr. Doster:

In accordance with your request, Hazard Evaluations, Inc. (HEI) has prepared this Conceptual Site Remediation Work Plan on behalf of CMS Associates (CMS). This plan addresses hazardous waste solvent contamination released to the environment from an industrial facility located at 210 French Road, Cheektowaga, New York (Figure 1). This release apparently resulted from a leaking underground bulk storage tank (UST) which was originally suspected of containing waste oil. Subsequent testing of the tank contents indicated the presence of methylene chloride, 1,1-dichloroethane, 1,1,1-trichloroethane, tetrachloroethene, 1,2,4-trimethylbenzene. As this solvent blend is a listed hazardous waste in accordance with 6NYCRR 371.4(b)(1) under the waste code F001, the release-contaminated soil excavated as part of the tank remediation program at the subject facility is considered hazardous waste in accordance with Subpart 371.1(d)(3)(ii)('a') as a solid waste generated from hazardous waste storage, including spill residues.

Initial Remedial Activities

During early April, 1996, Mariacher Construction Company initiated the excavation and removal of the 2,000 gallon, bare steel UST from which the hazardous waste solvent blend had been removed for off-site disposal. Upon removing the UST from its installation excavation, it was determined that the tank had leaked an undetermined volume and allowed the solvent blend to migrate into the surrounding fill materials and soil profile. The most heavily contaminated soils (apparently based upon visual characterization) were excavated and placed on plastic sheeting along the northern property boundary (Figure 2).

Soil borings were subsequently installed to locate the extent of contaminated soil from the release (based upon OVM screening). The excavation was then extended to what was determined to be the extent of migration, and the less contaminated soil was placed on plastic sheeting in a segregated location along the eastern property boundary. One composite verification soil sample was collected from the excavation walls for analysis. The analytical results obtained identify levels of methylene chloride, 1,1,1-trichloroethane, trichloroethene and tetrachloroethene which are substantially lower than the applicable soil clean-up objectives presented in the NYSDEC's guidance document TAGM HWR-94-4046, dated January 24, 1994. The excavation was then lined with plastic sheeting and backfilled with soil obtained from an off-site source.

Applications to complete the off-site disposal of the heavily contaminated soils have been submitted and approved. The related United States and Canadian export documents have also been filed, and only the US document is pending.

Past Site Monitoring

A network of six groundwater monitoring wells has been installed around the site in an effort to monitor potential contaminant migration from the release. The first three wells were installed at the perimeter of the UST excavation (Figure 2), while three more were subsequently installed in the vicinities of the western and northern property boundaries. The initial monitoring (May 15, 1996) identified groundwater contamination by substances of concern from the hazardous waste solvent blend at very high concentrations in Wells #1 through #3. Similar results were obtained for Wells #4 and #5, although Well #6 (May 29-31, 1996) exhibited only the contaminant 1,1-dichlorethane at a concentration slightly above ambient water quality standards.

Subsequent rounds of groundwater monitoring (June 7, 1996 - Wells #4 and #5) and (June 15, 1996 - Wells #1 through #6) confirmed high contaminant levels in the excavation wells (#1 through #3); however, the contaminant levels in Wells #4 and #5 were substantially lower, although still above ambient water quality standards. Well #6 exhibited a slightly increased number of contaminants during the June monitoring which exceeded ambient water quality standards.

Investigative/Remedial Program

Based upon a brief review of the available site information and data, HEI proposes a variety of conceptual investigative and remedial activities with respect to completing the characterization of this site and the remediation of the on-site solvent release. It must be noted that at this stage of this conceptual program, the results of subsequent activities may cause substantial changes to the proposed activities. Specific topics which are to be addressed include:

- o Proper management of existing hazardous wastes;
- o Preparation of Preliminary Site Assessment;
- o Completion of an appropriate on-site monitoring well network;
- o Determination of localized groundwater flow characteristics;
- o Identification of routes and extent of contaminant migration; and
- o Feasibility study for site remedial technologies.

Hazardous Waste Management - Approximately 150 tons of soil and fill materials heavily contaminated with the solvent blend currently exist on-site on and under plastic sheeting. These excavated materials were removed from the UST excavation from immediately around the tank. Another estimated 200 tons of lightly contaminated soil which were removed from the UST excavation also exist on-site on and under plastic sheeting. Both piles are segregated by hazard warning tape barriers.

Appropriate characterizations have been completed, applications have been filed, and export documents have been filed to remove the heavily-contaminated soil/fill material pile from the site. Due to the extreme cost involved with off-site disposal, HEI proposes to preliminarily review alternative remedial technologies to determine if any may exist that are both feasible and cost-effective for this size treatment program. Such a review will address both the heavily and lightly contaminated piles.

Preliminary Site Assessment - This study will be completed in an effort to: 1) identify potential local receptors in the event that any off-site migration of contaminants may occur; 2) identify local industries and businesses which may have contributed to the subsurface contamination; 3) review the historic operations at the subject property; and 4) preliminarily determine the potential impact of the on-site release on the surrounding community and environment.

Groundwater Quality Assessment - HEI proposes to install and develop a minimum of two additional shallow groundwater monitoring wells to be located in the upgradient and cross-gradient (to the east) directions. A new round of water table elevations will be taken for all wells, and another round of groundwater monitoring will be completed for six of the eight wells in the expanded network (two wells around the excavation will be excluded). Subsequently, a series of groundwater contour maps will be developed which exhibit the water surface elevation data for the June and proposed monitoring rounds. Similarly, contaminant isobar maps will be created to indicate characteristics of contaminant migration across the site. At this point in the investigation, HEI does not propose to address any possible need for either off-site groundwater monitoring wells or deeper aquifer monitoring wells.

Feasibility Study - HEI will identify a variety of potentially effective remedial technologies for this property upon evaluating all data collected as part of this program. Each of these initially selected technologies will then be preliminarily evaluated based upon apparent technical and cost feasibility characteristics. This evaluation will then be used to prepare a short list of remedial technologies which will provide an appropriate remedy for the contaminant conditions defined for the subject property. In the event that treatability studies are required to complete the final remedial technology selection, they will be conducted at this time.

Reporting

Following the completion of each activity, a brief report will be prepared which summarizes the activity and presents all results and field data. These reports will be prepared for review and comment by the NYSDEC.

Schedule

The proposed schedule for the activities identified above is as follows:

Work Task	Duration	Completion Date
Work Plan Review (NYSDEC)	1 week	August 13, 1996
Hazardous Waste Mgt.	4 weeks	September 11, 1996
Prelim. Site Assessment	2 weeks	August 27, 1996
Well Installation/Monitoring	4 weeks	September 25, 1996
Groundwater Mapping	2 weeks	October 9, 1996
Initial Analysis & Report	4 weeks	September 30, 1996
Feasibility Study	4 weeks	November 6, 1996

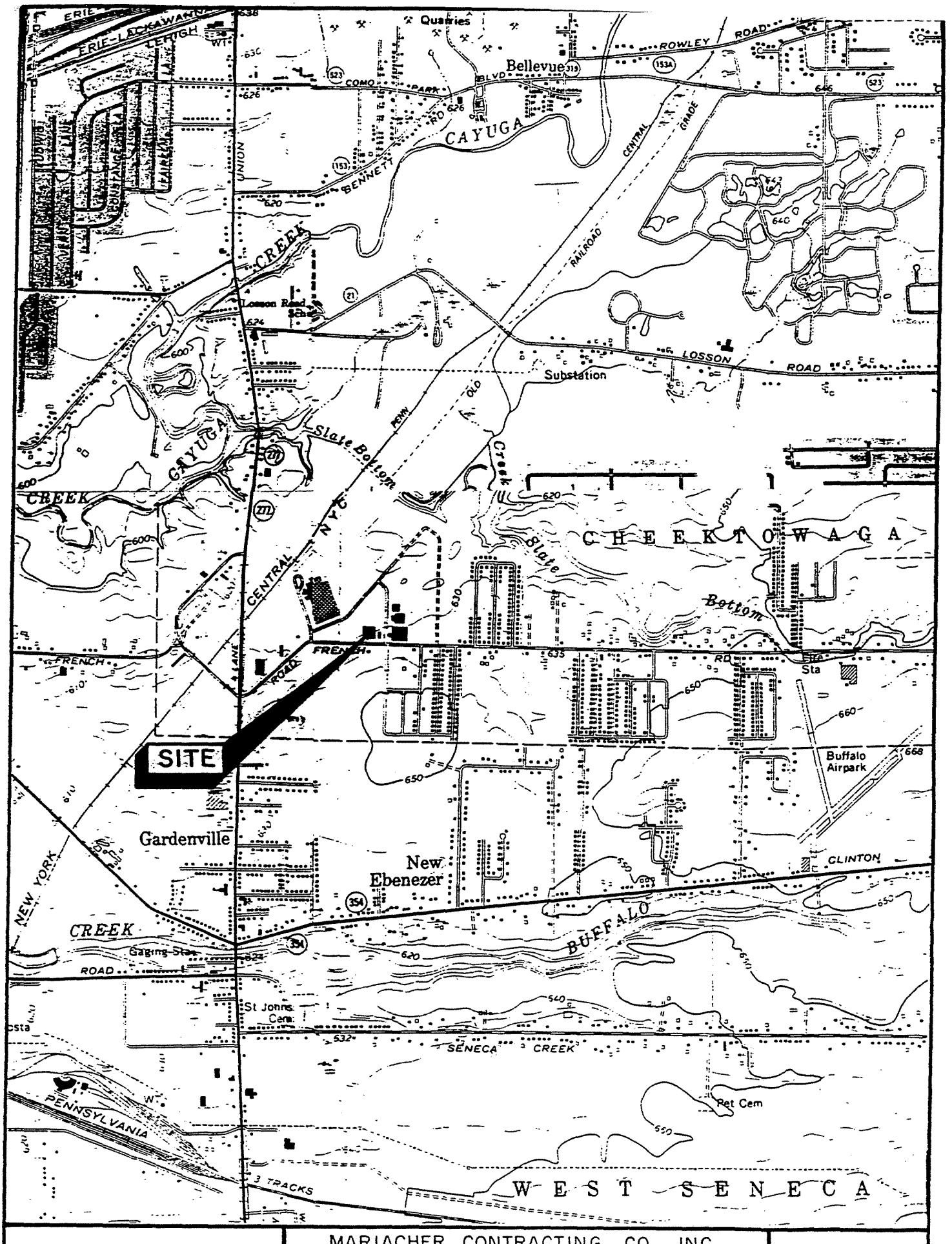
The activities described above should adequately address the Conceptual Site Remediation Work Plan prepared on behalf of CMS Associates. If you have any questions or comments on the proposed tasks, please contact me directly. Thank you for your cooperation.

Very truly yours,
HAZARD EVALUATIONS, INC.

C. Mark Hanna, REP, CHMM
President

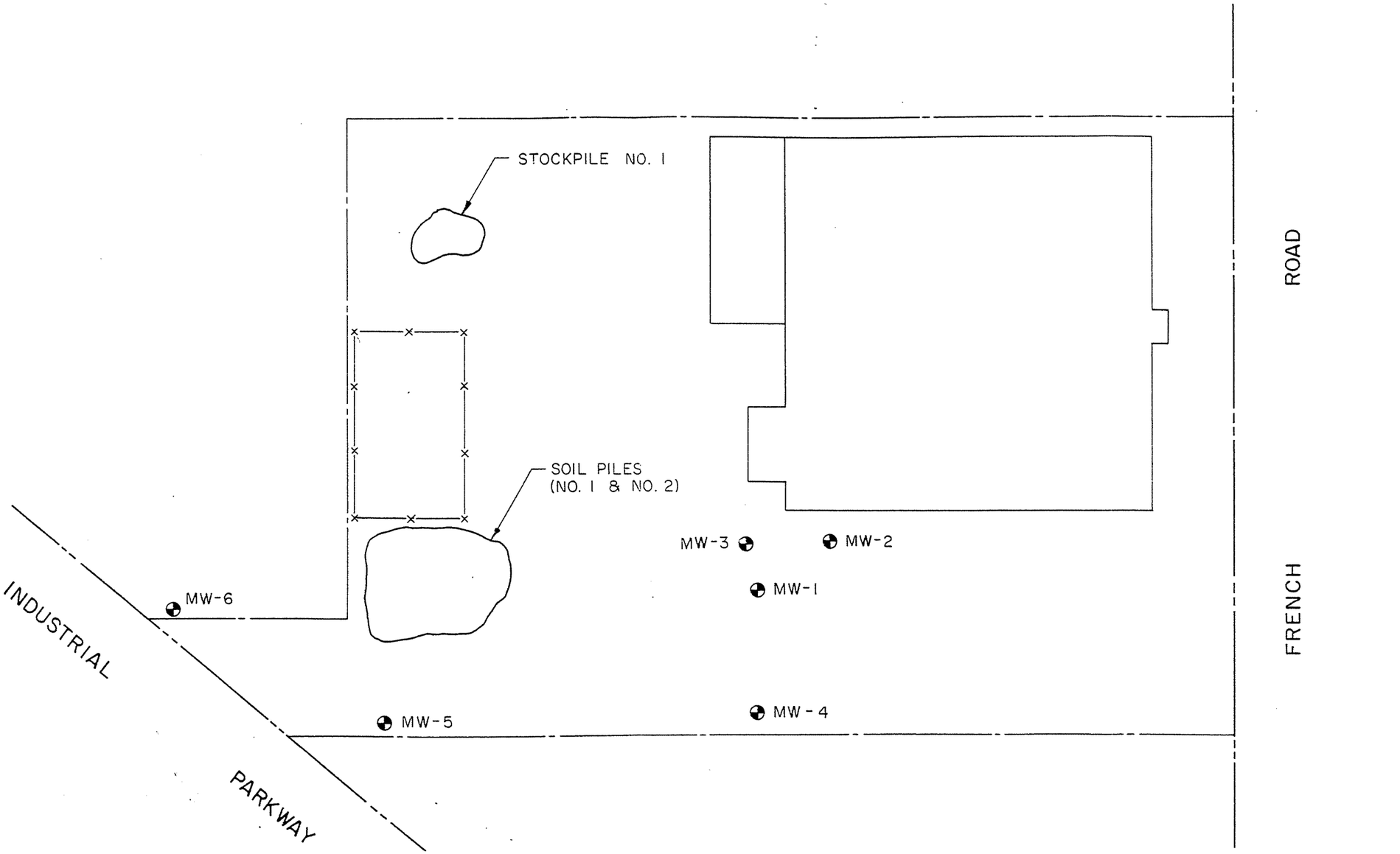
Attachments

cc: R. Mariacher (CMS)
05807\MCC\210\mch\remed-wp.wps



08803-C

HAZARD EVALUATIONS	MARIACHER CONTRACTING CO., INC. CHEEKTOWAGA, N.Y. LOCATION PLAN	FIGURE 1



SCALE: 1" = 60'

HAZARD EVALUATIONS

MARIACHER CONTRACTING CO., INC.
CHEEKTOWAGA, N.Y.
SITE PLAN

FIGURE 2

APPENDIX D

SUBSURFACE LOGS/WELL INSTALLATION DIAGRAM

EARTH DIMENSIONS, INC.
Soil and Hydrogeologic Investigations • Wetland Delineations
1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

8D96a HOLE NO. MW 1-96 SURF. ELEVATION —

PROJECT Monitoring well installation, CMS Associates LOCATION See location map.
210 French Rd. Cheetowaga, Erie Co., N.Y.

CLIENT B.U.G. Remediation DATE STARTED 5/3/96 COMPLETED 5/3/96

DEPTH IN FT | BLOWS ON SAMPLER | SN | 0/6 | 6/12 | 12/18 | 18/24 | N | LITH | DESCRIPTION AND CLASSIFICATION | WELL | WATER TABLE AND REMARKS

SN	0/6	6/12	12/18	18/24	N
1	2	8	5	7	13
2	4	10	8	6	18
3	50/2"				
4	RUN #1				
5	RUN #2				
6	RUN #3				

Dark gray asphalt pavement. 0.3

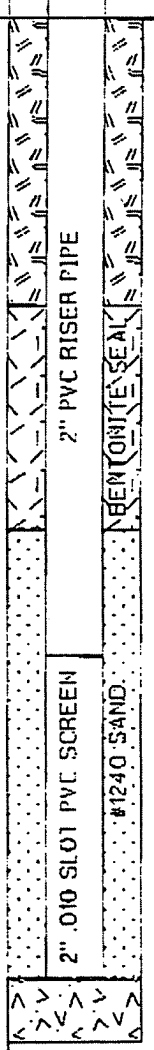
Extremely moist to moist brown very gravelly (SAND) with 40 to 60 percent gravel. 1.0

Moist dark brown gravelly (CLAYEY-SILT) with 5 to 15 percent gravel, little clay, thinly laminated. 4.5

Limestone bedrock, gray, very hard, can be etched with a knife with effort, thin to medium bedded 2 to 5 inches with occasional thin dark gray shale layers 1 to 2 inches thick, noticed void while coring at 5.0 feet. 13.5

Shale bedrock, dark gray, moderately hard, can be etched with a knive, very thinly to thinly bedded 1/2 to 4 inches thick, slightly weathered along parting from 13.5 to 13.5 feet. 16.0

Coring completed at 16.0 feet.



Asphalt to 0.3 foot over sand and gravel subbase to 1.0 foot over silty slack water sediment with little clay to 4.5 feet over limestone bedrock to 13.5 feet over shale bedrock to end of coring.

← CEMENT BENTONITE GROUT

Auger refusal at 4.2 feet.

← 4.5'

← 8.0'

← 10.0' HQ CORE DATA

Run #	Int. (ft)	Length (ft)	Rec. (ft)	Rec. %	RQD %
1	4.2' to 9.5'	5.3'	4.8'	90	0
2	9.5' to 14.5'	5.0'	5.25'	105	100
3	14.5 to 16.0'	1.5'	1.4'	93	13

← 15.0'

← CORE CUTTINGS

← 16.0'

N=NUMBER OF BLOWS TO DRIVE 2" SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Dale M. Gramza/Senior Geologist (amw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.
Soil and Hydrogeologic Investigations • Wetland Delineations
1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

8D98a HOLE NO. MW 2-96 SURF. ELEVATION —

PROJECT Monitoring well installation, CMS Associates LOCATION See location map.
210 French Rd., Cheetowaga, Erie Co., N.Y.

CLIENT B.U.G. Remediation DATE STARTED 5/3/96 COMPLETED 5/3/96

DEPTH IN FT | BLOWS ON SAMPLER | SN | 0/6 | 6/12 | 12/18 | 18/24 | N | LITH | DESCRIPTION AND CLASSIFICATION | WELL | WATER TABLE AND REMARKS

	1	2							Dark gray asphalt pavement. 0.3		Asphalt to 0.3 foot over sand and gravel subbase to 1.0 foot over sandy fill with little silt to 2.2 feet over sand fill with some silt to 3.5 feet over loamy glacial drift with trace to little gravel to 5.0 feet over limestone bedrock to 14.0 feet over shale bedrock to end of boring.
			5				10		Moist dark very gravelly (SAND) fill with 40 to 60 percent gravel, compact. 1.0		
	2	2			7				Moist dark brown (SILTY-SAND) fill with little silt, 1 to 5 percent gravel, loose. 2.2		
			3				5		Moist olive brown (SILTY-SAND) fill with some silt, 1 to 3 percent gravel, loose. 2.5		
5				2	5				Moist olive brown (SAND-SILT-CLAY), little clay, 1 to 3 percent gravel, loose. 3.5		
			RUN	#1					Extremely moist faintly mottled brown to olive brown (SAND-SILT-CLAY) with 5 to 15 percent gravel, some clay stiff. 5.0		
10									Limestone bedrock, gray, very hard, can be etched with a knife with effort, thin to medium bedded 2 to 8 inches thick with occasional dark gray shale layers. 14.0		
			RUN	#2					Shale bedrock, dark gray, hard, can be etched with a knife, thinly bedded 2 to 4 inches thick. 15.2		
15									Coring completed at 15.2 feet.		
20											

WELL: 2" PVC RISER PIPE; BENTONITE SEAL; CEMENT-BENTONITE GROUT; #1240 SAND; 2" .010 SLOT PVC SCREEN; ← 4.9' ← 7.8' ← 10.2' ← 15.2'

HQ CORE DATA

Run #	Int. (ft)	Length (ft)	Rec. (ft)	Rec. %	RQD %
1	5.0' to 10.2'	5.2'	5.2'	100	92
2	10.2' to 15.2'	5.0'	5.0'	100	96

N=NUMBER OF BLOWS TO DRIVE 2" SPOON 12" WITH 140 lb. WT. FALLING 30" PER BLOW

LOGGED BY Dale M. Gramza/Senior Geologist (amw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.
Soil and Hydrogeologic Investigations • Wetland Delineations
1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

SD96a HOLE NO. MW-3-98 SURF. ELEVATION —

PROJECT Monitoring well installation, CMS Associates LOCATION See location map

210 French Rd. Cheektowaga, Erie Co. N.Y.

CLIENT B.U.G. Remediation DATE STARTED 5/3/96 COMPLETED 5/3/96

DEPTH IN FT	BLOWS ON SAMPLER SN	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL	WATER TABLE AND REMARKS
								Dark gray asphalt pavement. 0.3		Asphalt to 0.3 foot over sand and gravel subbase to 1.0 foot over over loamy glacial drift to 3.0 feet over loamy glacial drift with trace to little gravel to 4.4 feet over limestone bedrock to 13.0 feet over shale bedrock to end of coring.
		5	7	11	10	18		Extremely mois. very gravelly (SAND) with 40 to 60 percent gravel, compact. 1.0		
		2	4	5	50/5"			Moist olive brown to dark brown (SAND-SILT-CLAY) with some silt, very stiff. 3.0		Auger refusal at 4.4 feet.
5								Extremely moist to wet brown (SAND-SILT-CLAY) with 5 to 15 percent gravel, some silt, hard. 4.4		← 4.5'
			RUN	#1				Limestone bedrock, gray, very hard, can be etched with a knife with effort, thin to medium bedded 2 to 8 inches thick. Noticed one soil filled layer at 10.2 feet and a vertical fracture from 11.5 to 12.5 feet with occasional thin dark gray shale layers.	2" PVC RISER PIPE / BENTONITE SEAL / CEMENT-BENTONITE GROUT	← 7.6'
10										← 9.6'
			RUN	#2				13.0	2" .010 SLOT PVC SCREEN / #1240 SAND	
								Shale bedrock, dark gray, hard, can be etched with a knife, thinly bedded 2 to 4 inches thick. 14.6		← 14.6'
15								Coring completed at 14.6 feet.		water level at 4.3 feet below ground well installation.
20										

HQ CORE DATA

Run #	Int. (ft)	Length (ft)	Rec. (ft)	Rec. %	RQD %
1	4.4' to 9.5'	5.1'	5.0'	99	98
2	9.5' to 14.6'	5.1'	5.1'	100	96

N=NUMBER OF BLOWS TO DRIVE 2" SPOON 12" WITH 140 lb. WT. FALLING 30" PER BLOW

LOGGED BY Dale M. Gramza/Senior Geologist [amw] SHEET 1 OF 1

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations
1091 Jamison Road • Elma, NY 14059
(716) 655-1717 • FAX (716) 655-2915

8D96b HOLE NO. BH 7-96 SURF. ELEVATION _

PROJECT Soil Investigation & Monitoring Well Installation LOCATION See map
210 French Rd., Cheektowaga, Erie Co., N.Y.

CLIENT Hazard Evaluations DATE STARTED 9/26/96 COMPLETED 9/26/96

DEPTH IN FT	SN	BLOWS ON SAMPLER 0/6	6/12	12/18	18/24	N
	1	5	8	10	50/3"	18
			RUN	#	1	
			RUN	#	2	

LITH

DESCRIPTION AND CLASSIFICATION

Topsoil and soil fill to 2.5 feet.

2.5

Extremely moist brown (SANDY-SILT) with 10 to 15 percent gravel, little to some very fine size sand, compact, massive soil structure.

4.9

Limestone bedrock, gray, hard to very hard, very thin to medium bedded 1/2 to 8 inches thick with occasional thin dark gray shale layers 1/2 to 2 inches thick.

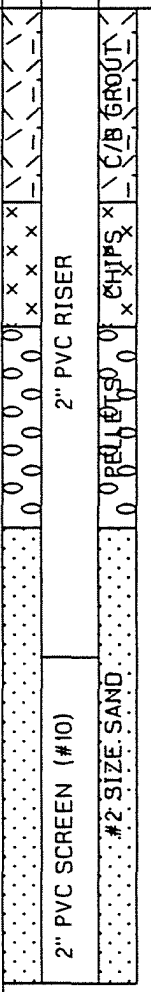
13.8

Shale bedrock, gray to dark gray, moderately hard, can be etched with a knife, very thinly bedded 1/2 to 3 inches thick.

15.0

Coring completed at 15.0 feet.

WELL



WATER TABLE AND REMARKS

Augered to 3.0 feet without sampling.
Below 2.5 feet, loamy glacial till to 4.9 feet over limestone bedrock to 13.8 feet over shale bedrock to end of coring.

← 3.0'
← 4.9'
← 8.0'
← 10.0'
← 15.0'

HV CORE DATA

#	INT	LGTH	REC	%REC	%RQD
1	4.9' to 10.3'	5.4'	5.3'	98	87
2	10.3' to 15.0'	4.7'	4.7'	100	30

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Dale M. Gramza, Senior Geologist (amw) SHEET 1 OF 1

EARTH DIMENSIONS, INC.

Soil and Hydrogeologic Investigations • Wetland Delineations

1091 Jamison Road • Elma, NY 14059

(716) 655-1717 • FAX (716) 655-2915

8D96b HOLE NO. BH 8-96 SURF. ELEVATION —

PROJECT Soil Investigation & Monitoring Well Installation LOCATION See map

210 French Rd., Cheektowaga, Erie Co., N.Y.

CLIENT Hazard Evaluations DATE STARTED 9/26/96 COMPLETED 9/26/96

DEPTH IN FT	SN	0/6	6/12	12/18	18/24	N	LITH	DESCRIPTION AND CLASSIFICATION	WELL	WATER TABLE AND REMARKS
								Topsoil/fill with concrete and bricks.		Augered to 3.0 feet before sampling. Below 3.0 feet, clayey lake sediment to 5.5 feet over loamy glacial till to 6.4 feet over limesotne bedrock to end of coring.
								2.0		
	1	3						Extremely moist faintly mottled brown (CLAYEY-SILT) with some clay, stiff, weakly thinly laminated with very thin coarse silt lenses and nearly vertical gray desiccation cracks.		
			6			13				← 4.0'
				7						
5					10			grades downward to 5.5		
	2	1								
			3					Extremely moist to wet brown (SANDY-SILT) with 10 to 15 percent gravel, little to some very fine size sand, loose, massive soil structure.		
				50/3"						← 6.4'
								6.4		
			RUN	#	1			Limestone bedrock, gray, hard to very hard, very thinly to medium bedded 1/2 to 8 inches thick with occasional thin dark gray shale layers 1 to 4 inches thick noticed below 10.0 feet.		← 9.0'
10										
										← 11.5'
			RUN	#	2					
15										
								16.5		← 16.5'
								Coring completed at 16.5 feet.		
20										

WELL: 2" PVC RISER; 5/8 grout; CHIPS; PELLETS; #2 SIZE SAND; 2" PVC SCREEN (#10)

HV CORE DATA

#	INT	LGTH	REC	%REC	%RQD
1	6.4' to 11.5'	5.1'	4.9'	100	92
2	11.5' to 16.5'	5.0'	5.0'	100	94

N=NUMBER OF BLOWS TO DRIVE 2 " SPOON 12 " WITH 140 lb. WT. FALLING 30 " PER BLOW

LOGGED BY Dale M. Gramza, Senior Geologist (amw) SHEET 1 OF 1

APPENDIX E

ANALYTICAL TEST RESULTS

Upstate Laboratories inc.

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209
Mailing: Box 289 • Syracuse, NY 13206
Albany (518) 459-3134
Binghamton (607) 724-0478
Buffalo (716) 649-2533
Rochester (716) 436-9070
New Jersey (201) 703-1324

October 29, 1996

Mr. Todd J. Overhoff
Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127

Re: Analysis Report #28896025 - D8807 Mariacher

Dear Mr. Overhoff:

Please find enclosed the results for your samples which were picked up by ULI personnel on October 10, 1996.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala

Anthony J. Scala
Director

AJS/lw

Enclosures: report, invoice

cc/encs: N. Scala, ULI
file

Note: Faxed and verbal results were given to your office on 10/24, 10/25 and 10/28/96. AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: QS
QC: WW JL
Lab I.D.: 10170
D8807 MARIACHER
MW-2 1525H 10/09/96 G

ULI I.D.: 28896025
Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
EPA Method 8010				
Dichlorodifluoromethane	<2000ug/l	10/16/96	05	VA2494
Chloromethane	<2000ug/l	10/16/96	05	VA2494
Vinyl Chloride	<2000ug/l	10/16/96	05	VA2494
Bromomethane	<2000ug/l	10/16/96	05	VA2494
Chloroethane	<2000ug/l	10/16/96	05	VA2494
Trichlorofluoromethane	<2000ug/l	10/16/96	05	VA2494
1,1-Dichloroethene	<2000ug/l	10/16/96	05	VA2494
Methylene Chloride	<10,000ug/l	10/16/96	05	VA2494
cis-1,2-Dichloroethene	3600ug/l	10/16/96		VA2494
trans-1,2-Dichloroethene	<2000ug/l	10/16/96	05	VA2494
1,1-Dichloroethane	31,000ug/l	10/16/96		VA2494
Chloroform	<2000ug/l	10/16/96	05	VA2494
1,1,1-Trichloroethane	82,000ug/l	10/16/96		VA2494
Carbon Tetrachloride	<2000ug/l	10/16/96	05	VA2494
1,2-Dichloroethane	<2000ug/l	10/16/96	05	VA2494
Trichloroethene	<2000ug/l	10/16/96	05	VA2494
1,2-Dichloropropane	<2000ug/l	10/16/96	05	VA2494
Bromodichloromethane	<2000ug/l	10/16/96	05	VA2494
2-Chloroethylvinylether	<2000ug/l	10/16/96	05	VA2494
cis-1,3-Dichloropropene	<2000ug/l	10/16/96	05	VA2494
trans-1,3-Dichloropropene	<2000ug/l	10/16/96	05	VA2494
1,1,2-Trichloroethane	<2000ug/l	10/16/96	05	VA2494
Tetrachloroethene	14,000ug/l	10/16/96		VA2494
Dibromochloromethane	<2000ug/l	10/16/96	05	VA2494
Bromoform	<2000ug/l	10/16/96	05	VA2494
1,1,2,2-Tetrachloroethane	<2000ug/l	10/16/96	05	VA2494
Chlorobenzene	<2000ug/l	10/16/96	05	VA2494
1,2-Dichlorobenzene	<2000ug/l	10/16/96	05	VA2494
1,3-Dichlorobenzene	<2000ug/l	10/16/96	05	VA2494
1,4-Dichlorobenzene	<2000ug/l	10/16/96	05	VA2494
EPA Method 8020				
Benzene	<2000ug/l	10/16/96	05	VA2494
Toluene	<2000ug/l	10/16/96	05	VA2494
Ethylbenzene	<2000ug/l	10/16/96	05	VA2494
m-Xylene and p-Xylene	<2000ug/l	10/16/96	05	VA2494
o-Xylene	<2000ug/l	10/16/96	05	VA2494
Chlorobenzene	<2000ug/l	10/16/96	05	VA2494
1,2-Dichlorobenzene	<2000ug/l	10/16/96	05	VA2494
1,3-Dichlorobenzene	<2000ug/l	10/16/96	05	VA2494

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: _____
QC: _____
Lab I.D.: 10170

D8807 MARIACHER
MW-2 1525H 10/09/96 G

ULI I.D.: 28896025

Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
1,4-Dichlorobenzene	<2000ug/l	10/16/96	05	VA2494

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: GS
QC: WD GS
Lab I.D.: 10170

D8807 MARIACHER
MW-3 1535H 10/09/96 G

ULI I.D.: 28896026 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
EPA Method 8010				
Dichlorodifluoromethane	<1000ug/l	10/17/96	05	VA2497
Chloromethane	<1000ug/l	10/17/96	05	VA2497
Vinyl Chloride	<1000ug/l	10/17/96	05	VA2497
Bromomethane	<1000ug/l	10/17/96	05	VA2497
Chloroethane	<1000ug/l	10/17/96	05	VA2497
Trichlorofluoromethane	<1000ug/l	10/17/96	05	VA2497
1,1-Dichloroethene	<1000ug/l	10/17/96	05	VA2497
Methylene Chloride	<5000ug/l	10/17/96	05	VA2497
cis-1,2-Dichloroethene	6700ug/l	10/17/96		VA2497
trans-1,2-Dichloroethene	<1000ug/l	10/17/96	05	VA2497
1,1-Dichloroethane	26,000ug/l	10/17/96		VA2497
Chloroform	<1000ug/l	10/17/96	05	VA2497
1,1,1-Trichloroethane	23,000ug/l	10/17/96		VA2497
Carbon Tetrachloride	<1000ug/l	10/17/96	05	VA2497
1,2-Dichloroethane	<1000ug/l	10/17/96	05	VA2497
Trichloroethene	<1000ug/l	10/17/96	05	VA2497
1,2-Dichloropropane	<1000ug/l	10/17/96	05	VA2497
Bromodichloromethane	<1000ug/l	10/17/96	05	VA2497
2-Chloroethylvinylether	<1000ug/l	10/17/96	05	VA2497
cis-1,3-Dichloropropene	<1000ug/l	10/17/96	05	VA2497
trans-1,3-Dichloropropene	<1000ug/l	10/17/96	05	VA2497
1,1,2-Trichloroethane	<1000ug/l	10/17/96	05	VA2497
Tetrachloroethene	<1000ug/l	10/17/96	05	VA2497
Dibromochloromethane	<1000ug/l	10/17/96	05	VA2497
Bromoform	<1000ug/l	10/17/96	05	VA2497
1,1,2,2-Tetrachloroethane	<1000ug/l	10/17/96	05	VA2497
Chlorobenzene	<1000ug/l	10/17/96	05	VA2497
1,2-Dichlorobenzene	<1000ug/l	10/17/96	05	VA2497
1,3-Dichlorobenzene	<1000ug/l	10/17/96	05	VA2497
1,4-Dichlorobenzene	<1000ug/l	10/17/96	05	VA2497
EPA Method 8020				
Benzene	<1000ug/l	10/17/96	05	VA2497
Toluene	<1000ug/l	10/17/96	05	VA2497
Ethylbenzene	<1000ug/l	10/17/96	05	VA2497
m-Xylene and p-Xylene	<1000ug/l	10/17/96	05	VA2497
o-Xylene	<1000ug/l	10/17/96	05	VA2497
Chlorobenzene	<1000ug/l	10/17/96	05	VA2497
1,2-Dichlorobenzene	<1000ug/l	10/17/96	05	VA2497
1,3-Dichlorobenzene	<1000ug/l	10/17/96	05	VA2497

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: CJS
QC: WD
Lab I.D.: 10170

D8807 MARIACHER
MW-3 1535H 10/09/96 G

ULI I.D.: 28896026
Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
1,4-Dichlorobenzene	<1000ug/l	10/17/96	05	VA2497

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: GJS
QC: WD
Lab I.D.: 10170

D8807 MARIACHER
MW-4 1420H 10/09/96 G

ULI I.D.: 28896027 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
EPA Method 8010				
Dichlorodifluoromethane	<20ug/l	10/16/96	05	VA2494
Chloromethane	<20ug/l	10/16/96	05	VA2494
Vinyl Chloride	<20ug/l	10/16/96	05	VA2494
Bromomethane	<20ug/l	10/16/96	05	VA2494
Chloroethane	<20ug/l	10/16/96	05	VA2494
Trichlorofluoromethane	<20ug/l	10/16/96	05	VA2494
1,1-Dichloroethene	<20ug/l	10/16/96	05	VA2494
Methylene Chloride	<100ug/l	10/16/96	05	VA2494
cis-1,2-Dichloroethene	<20ug/l	10/16/96	05	VA2494
trans-1,2-Dichloroethene	<20ug/l	10/16/96	05	VA2494
1,1-Dichloroethane	<20ug/l	10/16/96	05	VA2494
Chloroform	<20ug/l	10/16/96	05	VA2494
1,1,1-Trichloroethane	<20ug/l	10/16/96	05	VA2494
Carbon Tetrachloride	<20ug/l	10/16/96	05	VA2494
1,2-Dichloroethane	<20ug/l	10/16/96	05	VA2494
Trichloroethene	<20ug/l	10/16/96	05	VA2494
1,2-Dichloropropane	<20ug/l	10/16/96	05	VA2494
Bromodichloromethane	<20ug/l	10/16/96	05	VA2494
2-Chloroethylvinylether	<20ug/l	10/16/96	05	VA2494
cis-1,3-Dichloropropene	<20ug/l	10/16/96	05	VA2494
trans-1,3-Dichloropropene	<20ug/l	10/16/96	05	VA2494
1,1,2-Trichloroethane	<20ug/l	10/16/96	05	VA2494
Tetrachloroethene	<20ug/l	10/16/96	05	VA2494
Dibromochloromethane	<20ug/l	10/16/96	05	VA2494
Bromoform	<20ug/l	10/16/96	05	VA2494
1,1,2,2-Tetrachloroethane	<20ug/l	10/16/96	05	VA2494
Chlorobenzene	<20ug/l	10/16/96	05	VA2494
1,2-Dichlorobenzene	<20ug/l	10/16/96	05	VA2494
1,3-Dichlorobenzene	<20ug/l	10/16/96	05	VA2494
1,4-Dichlorobenzene	<20ug/l	10/16/96	05	VA2494
EPA Method 8020				
Benzene	110ug/l	10/16/96		VA2494
Toluene	240ug/l	10/16/96		VA2494
Ethylbenzene	23ug/l	10/16/96		VA2494
m-Xylene and p-Xylene	180ug/l	10/16/96		VA2494
o-Xylene	67ug/l	10/16/96		VA2494
Chlorobenzene	<20ug/l	10/16/96	05	VA2494
1,2-Dichlorobenzene	<20ug/l	10/16/96	05	VA2494
1,3-Dichlorobenzene	<20ug/l	10/16/96	05	VA2494

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: _____
QC: _____
Lab I.D.: 10170
D8807 MARIACHER
MW-4 1420H 10/09/96 G

ULI I.D.: 28896027 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
1,4-Dichlorobenzene	<20ug/l	10/16/96	05	VA2494

DATE: 10/29/96

Upstate Laboratories, Inc. APPROVAL: CJS
Analysis Results QC: WD
Report Number: 28896025 Lab I.D.: 10170
Client I.D.: HAZARD EVALUATIONS, INC. D8807 MARIACHER
Sampled by: Client MW-5 1435H 10/09/96 G

ULI I.D.: 28896028 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
EPA Method 8010				
Dichlorodifluoromethane	<100ug/l	10/17/96	05	VA2497
Chloromethane	<100ug/l	10/17/96	05	VA2497
Vinyl Chloride	790ug/l	10/17/96		VA2497
Bromomethane	<100ug/l	10/17/96	05	VA2497
Chloroethane	<100ug/l	10/17/96	05	VA2497
Trichlorofluoromethane	<100ug/l	10/17/96	05	VA2497
1,1-Dichloroethene	<100ug/l	10/17/96	05	VA2497
Methylene Chloride	<500ug/l	10/17/96	05	VA2497
cis-1,2-Dichloroethene	1200ug/l	10/17/96		VA2497
trans-1,2-Dichloroethene	<100ug/l	10/17/96	05	VA2497
1,1-Dichloroethane	3000ug/l	10/17/96		VA2497
Chloroform	<100ug/l	10/17/96	05	VA2497
1,1,1-Trichloroethane	<100ug/l	10/17/96	05	VA2497
Carbon Tetrachloride	<100ug/l	10/17/96	05	VA2497
1,2-Dichloroethane	<100ug/l	10/17/96	05	VA2497
Trichloroethene	240ug/l	10/17/96		VA2497
1,2-Dichloropropane	<100ug/l	10/17/96	05	VA2497
Bromodichloromethane	<100ug/l	10/17/96	05	VA2497
2-Chloroethylvinylether	<100ug/l	10/17/96	05	VA2497
cis-1,3-Dichloropropene	<100ug/l	10/17/96	05	VA2497
trans-1,3-Dichloropropene	<100ug/l	10/17/96	05	VA2497
1,1,2-Trichloroethane	<100ug/l	10/17/96	05	VA2497
Tetrachloroethene	<100ug/l	10/17/96	05	VA2497
Dibromochloromethane	<100ug/l	10/17/96	05	VA2497
Bromoform	<100ug/l	10/17/96	05	VA2497
1,1,2,2-Tetrachloroethane	<100ug/l	10/17/96	05	VA2497
Chlorobenzene	<100ug/l	10/17/96	05	VA2497
1,2-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497
1,3-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497
1,4-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497
EPA Method 8020				
Benzene	<100ug/l	10/17/96	05	VA2497
Toluene	<100ug/l	10/17/96	05	VA2497
Ethylbenzene	<100ug/l	10/17/96	05	VA2497
m-Xylene and p-Xylene	<100ug/l	10/17/96	05	VA2497
o-Xylene	<100ug/l	10/17/96	05	VA2497
Chlorobenzene	<100ug/l	10/17/96	05	VA2497
1,2-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497
1,3-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: GJS
QC: WW
Lab I.D.: 10170

D8807 MARIACHER
MW-5 1435H 10/09/96 G

ULI I.D.: 28896028
Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
1,4-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497

DATE: 10/29/96

Upstate Laboratories, Inc. APPROVAL: GJS
Analysis Results QC: WW
Report Number: 28896025 Lab I.D.: 10170
Client I.D.: HAZARD EVALUATIONS, INC. D8807 MARIACHER
Sampled by: Client MW-6 1500H 10/09/96 G

ULI I.D.: 28896029 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
EPA Method 8010				
Dichlorodifluoromethane	<5ug/l	10/18/96	05	VA2499
Chloromethane	<5ug/l	10/18/96	05	VA2499
Vinyl Chloride	<5ug/l	10/18/96	05	VA2499
Bromomethane	<5ug/l	10/18/96	05	VA2499
Chloroethane	<5ug/l	10/18/96	05	VA2499
Trichlorofluoromethane	<5ug/l	10/18/96	05	VA2499
1,1-Dichloroethene	<5ug/l	10/18/96	05	VA2499
Methylene Chloride	<25ug/l	10/18/96	05	VA2499
cis-1,2-Dichloroethene	60ug/l	10/18/96		VA2499
trans-1,2-Dichloroethene	<5ug/l	10/18/96	05	VA2499
1,1-Dichloroethane	31ug/l	10/18/96		VA2499
Chloroform	<5ug/l	10/18/96	05	VA2499
1,1,1-Trichloroethane	<5ug/l	10/18/96	05	VA2499
Carbon Tetrachloride	<5ug/l	10/18/96	05	VA2499
1,2-Dichloroethane	<5ug/l	10/18/96	05	VA2499
Trichloroethene	6ug/l	10/18/96		VA2499
1,2-Dichloropropane	<5ug/l	10/18/96	05	VA2499
Bromodichloromethane	<5ug/l	10/18/96	05	VA2499
2-Chloroethylvinylether	<5ug/l	10/18/96	05	VA2499
cis-1,3-Dichloropropene	<5ug/l	10/18/96	05	VA2499
trans-1,3-Dichloropropene	<5ug/l	10/18/96	05	VA2499
1,1,2-Trichloroethane	<5ug/l	10/18/96	05	VA2499
Tetrachloroethene	<5ug/l	10/18/96	05	VA2499
Dibromochloromethane	<5ug/l	10/18/96	05	VA2499
Bromoform	<5ug/l	10/18/96	05	VA2499
1,1,2,2-Tetrachloroethane	<5ug/l	10/18/96	05	VA2499
Chlorobenzene	<5ug/l	10/18/96	05	VA2499
1,2-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499
1,3-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499
1,4-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499
EPA Method 8020				
Benzene	10ug/l	10/18/96		VA2499
Toluene	34ug/l	10/18/96		VA2499
Ethylbenzene	11ug/l	10/18/96		VA2499
m-Xylene and p-Xylene	93ug/l	10/18/96		VA2499
o-Xylene	32ug/l	10/18/96		VA2499
Chlorobenzene	<5ug/l	10/18/96	05	VA2499
1,2-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499
1,3-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: _____
QC: _____
Lab I.D.: 10170

D8807 MARIACHER
MW-6 1500H 10/09/96 G

ULI I.D.: 28896029

Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
1,4-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: AS
QC: WW JZ
Lab I.D.: 10170

D8807 MARIACHER
MW-7 1515H 10/09/96 G

ULI I.D.: 28896030 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
EPA Method 8010				
Dichlorodifluoromethane	<50ug/l	10/17/96	05	VA2497
Chloromethane	<50ug/l	10/17/96	05	VA2497
Vinyl Chloride	<50ug/l	10/17/96	05	VA2497
Bromomethane	<50ug/l	10/17/96	05	VA2497
Chloroethane	<50ug/l	10/17/96	05	VA2497
Trichlorofluoromethane	<50ug/l	10/17/96	05	VA2497
1,1-Dichloroethene	<50ug/l	10/17/96	05	VA2497
Methylene Chloride	<250ug/l	10/17/96	05	VA2497
cis-1,2-Dichloroethene	<50ug/l	10/17/96	05	VA2497
trans-1,2-Dichloroethene	<50ug/l	10/17/96	05	VA2497
1,1-Dichloroethane	1500ug/l	10/17/96		VA2497
Chloroform	<50ug/l	10/17/96	05	VA2497
1,1,1-Trichloroethane	<50ug/l	10/17/96	05	VA2497
Carbon Tetrachloride	<50ug/l	10/17/96	05	VA2497
1,2-Dichloroethane	<50ug/l	10/17/96	05	VA2497
Trichloroethene	<50ug/l	10/17/96	05	VA2497
1,2-Dichloropropane	<50ug/l	10/17/96	05	VA2497
Bromodichloromethane	<50ug/l	10/17/96	05	VA2497
2-Chloroethylvinylether	<50ug/l	10/17/96	05	VA2497
cis-1,3-Dichloropropene	<50ug/l	10/17/96	05	VA2497
trans-1,3-Dichloropropene	<50ug/l	10/17/96	05	VA2497
1,1,2-Trichloroethane	<50ug/l	10/17/96	05	VA2497
Tetrachloroethene	<50ug/l	10/17/96	05	VA2497
Dibromochloromethane	<50ug/l	10/17/96	05	VA2497
Bromoform	<50ug/l	10/17/96	05	VA2497
1,1,2,2-Tetrachloroethane	<50ug/l	10/17/96	05	VA2497
Chlorobenzene	<50ug/l	10/17/96	05	VA2497
1,2-Dichlorobenzene	<50ug/l	10/17/96	05	VA2497
1,3-Dichlorobenzene	<50ug/l	10/17/96	05	VA2497
1,4-Dichlorobenzene	<50ug/l	10/17/96	05	VA2497
EPA Method 8020				
Benzene	<50ug/l	10/17/96	05	VA2497
Toluene	<50ug/l	10/17/96	05	VA2497
Ethylbenzene	<50ug/l	10/17/96	05	VA2497
m-Xylene and p-Xylene	<50ug/l	10/17/96	05	VA2497
o-Xylene	<50ug/l	10/17/96	05	VA2497
Chlorobenzene	<50ug/l	10/17/96	05	VA2497
1,2-Dichlorobenzene	<50ug/l	10/17/96	05	VA2497
1,3-Dichlorobenzene	<50ug/l	10/17/96	05	VA2497

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: GS
QC: WJ
Lab I.D.: 10170

D8807 MARIACHER
MW-7 1515H 10/09/96 G

ULI I.D.: 28896030
Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
1,4-Dichlorobenzene	<50ug/l	10/17/96	05	VA2497

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: GJS
QC: WD GJS
Lab I.D.: 10170

D8807 MARIACHER
MW-8 1415H 10/09/96 G

ULI I.D.: 28896031 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
EPA Method 8010				
Dichlorodifluoromethane	<5ug/l	10/18/96	05	VA2499
Chloromethane	<5ug/l	10/18/96	05	VA2499
Vinyl Chloride	10ug/l	10/18/96		VA2499
Bromomethane	<5ug/l	10/18/96	05	VA2499
Chloroethane	<5ug/l	10/18/96	05	VA2499
Trichlorofluoromethane	<5ug/l	10/18/96	05	VA2499
1,1-Dichloroethene	<5ug/l	10/18/96	05	VA2499
Methylene Chloride	<25ug/l	10/18/96	05	VA2499
cis-1,2-Dichloroethene	110ug/l	10/18/96		VA2499
trans-1,2-Dichloroethene	<5ug/l	10/18/96	05	VA2499
1,1-Dichloroethane	120ug/l	10/18/96		VA2499
Chloroform	<5ug/l	10/18/96	05	VA2499
1,1,1-Trichloroethane	<5ug/l	10/18/96	05	VA2499
Carbon Tetrachloride	<5ug/l	10/18/96	05	VA2499
1,2-Dichloroethane	<5ug/l	10/18/96	05	VA2499
Trichloroethene	9ug/l	10/18/96		VA2499
1,2-Dichloropropane	<5ug/l	10/18/96	05	VA2499
Bromodichloromethane	<5ug/l	10/18/96	05	VA2499
2-Chloroethylvinylether	<5ug/l	10/18/96	05	VA2499
cis-1,3-Dichloropropene	<5ug/l	10/18/96	05	VA2499
trans-1,3-Dichloropropene	<5ug/l	10/18/96	05	VA2499
1,1,2-Trichloroethane	<5ug/l	10/18/96	05	VA2499
Tetrachloroethene	<5ug/l	10/18/96	05	VA2499
Dibromochloromethane	<5ug/l	10/18/96	05	VA2499
Bromoform	<5ug/l	10/18/96	05	VA2499
1,1,2,2-Tetrachloroethane	<5ug/l	10/18/96	05	VA2499
Chlorobenzene	<5ug/l	10/18/96	05	VA2499
1,2-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499
1,3-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499
1,4-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499
EPA Method 8020				
Benzene	<5ug/l	10/18/96	05	VA2499
Toluene	<5ug/l	10/18/96	05	VA2499
Ethylbenzene	<5ug/l	10/18/96	05	VA2499
m-Xylene and p-Xylene	<5ug/l	10/18/96	05	VA2499
o-Xylene	<5ug/l	10/18/96	05	VA2499
Chlorobenzene	<5ug/l	10/18/96	05	VA2499
1,2-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499
1,3-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: AJS
QC: WW
Lab I.D.: 10170

D8807 MARIACHER
MW-8 1415H 10/09/96 G

ULI I.D.: 28896031

Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
1,4-Dichlorobenzene	<5ug/l	10/18/96	05	VA2499

DATE: 10/29/96

Upstate Laboratories, Inc. APPROVAL: GS
Analysis Results QC: WD
Report Number: 28896025 Lab I.D.: 10170
Client I.D.: HAZARD EVALUATIONS, INC. D8807 MARIACHER
Sampled by: Client FIELD DUP 1445H 10/09/96 G

ULI I.D.: 28896032 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
EPA Method 8010				
Dichlorodifluoromethane	<100ug/l	10/17/96	05	VA2497
Chloromethane	<100ug/l	10/17/96	05	VA2497
Vinyl Chloride	960ug/l	10/17/96		VA2497
Bromomethane	<100ug/l	10/17/96	05	VA2497
Chloroethane	<100ug/l	10/17/96	05	VA2497
Trichlorofluoromethane	<100ug/l	10/17/96	05	VA2497
1,1-Dichloroethene	<100ug/l	10/17/96	05	VA2497
Methylene Chloride	<500ug/l	10/17/96	05	VA2497
cis-1,2-Dichloroethene	1300ug/l	10/17/96		VA2497
trans-1,2-Dichloroethene	<100ug/l	10/17/96	05	VA2497
1,1-Dichloroethane	3200ug/l	10/17/96		VA2497
Chloroform	<100ug/l	10/17/96	05	VA2497
1,1,1-Trichloroethane	110ug/l	10/17/96		VA2497
Carbon Tetrachloride	<100ug/l	10/17/96	05	VA2497
1,2-Dichloroethane	<100ug/l	10/17/96	05	VA2497
Trichloroethene	300ug/l	10/17/96		VA2497
1,2-Dichloropropane	<100ug/l	10/17/96	05	VA2497
Bromodichloromethane	<100ug/l	10/17/96	05	VA2497
2-Chloroethylvinylether	<100ug/l	10/17/96	05	VA2497
cis-1,3-Dichloropropene	<100ug/l	10/17/96	05	VA2497
trans-1,3-Dichloropropene	<100ug/l	10/17/96	05	VA2497
1,1,2-Trichloroethane	<100ug/l	10/17/96	05	VA2497
Tetrachloroethene	<100ug/l	10/17/96	05	VA2497
Dibromochloromethane	<100ug/l	10/17/96	05	VA2497
Bromoform	<100ug/l	10/17/96	05	VA2497
1,1,2,2-Tetrachloroethane	<100ug/l	10/17/96	05	VA2497
Chlorobenzene	<100ug/l	10/17/96	05	VA2497
1,2-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497
1,3-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497
1,4-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497
EPA Method 8020				
Benzene	<100ug/l	10/17/96	05	VA2497
Toluene	<100ug/l	10/17/96	05	VA2497
Ethylbenzene	<100ug/l	10/17/96	05	VA2497
m-Xylene and p-Xylene	<100ug/l	10/17/96	05	VA2497
o-Xylene	<100ug/l	10/17/96	05	VA2497
Chlorobenzene	<100ug/l	10/17/96	05	VA2497
1,2-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497
1,3-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: _____
QC: _____
Lab I.D.: 10170

D8807 MARIACHER
FIELD DUP 1445H 10/09/96 G

ULI I.D.: 28896032

Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
1,4-Dichlorobenzene	<100ug/l	10/17/96	05	VA2497

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: AJS
QC: WW
Lab I.D.: 10170
D8807 MARIACHER
ULI TRIP BLANK 1555H 10/09/96 G

ULI I.D.: 28896033 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
EPA Method 8010				
Dichlorodifluoromethane	<1ug/l	10/16/96		VA2495
Chloromethane	<1ug/l	10/16/96		VA2495
Vinyl Chloride	<1ug/l	10/16/96		VA2495
Bromomethane	<1ug/l	10/16/96		VA2495
Chloroethane	<1ug/l	10/16/96		VA2495
Trichlorofluoromethane	<1ug/l	10/16/96		VA2495
1,1-Dichloroethene	<1ug/l	10/16/96		VA2495
Methylene Chloride	<5ug/l	10/16/96		VA2495
cis-1,2-Dichloroethene	<1ug/l	10/16/96		VA2495
trans-1,2-Dichloroethene	<1ug/l	10/16/96		VA2495
1,1-Dichloroethane	<1ug/l	10/16/96		VA2495
Chloroform	1ug/l	10/16/96		VA2495
1,1,1-Trichloroethane	<1ug/l	10/16/96		VA2495
Carbon Tetrachloride	<1ug/l	10/16/96		VA2495
1,2-Dichloroethane	<1ug/l	10/16/96		VA2495
Trichloroethene	<1ug/l	10/16/96		VA2495
1,2-Dichloropropane	<1ug/l	10/16/96		VA2495
Bromodichloromethane	<1ug/l	10/16/96		VA2495
2-Chloroethylvinylether	<1ug/l	10/16/96		VA2495
cis-1,3-Dichloropropene	<1ug/l	10/16/96		VA2495
trans-1,3-Dichloropropene	<1ug/l	10/16/96		VA2495
1,1,2-Trichloroethane	<1ug/l	10/16/96		VA2495
Tetrachloroethene	<1ug/l	10/16/96		VA2495
Dibromochloromethane	<1ug/l	10/16/96		VA2495
Bromoform	<1ug/l	10/16/96		VA2495
1,1,2,2-Tetrachloroethane	<1ug/l	10/16/96		VA2495
Chlorobenzene	<1ug/l	10/16/96		VA2495
1,2-Dichlorobenzene	<1ug/l	10/16/96		VA2495
1,3-Dichlorobenzene	<1ug/l	10/16/96		VA2495
1,4-Dichlorobenzene	<1ug/l	10/16/96		VA2495
EPA Method 8020				
Benzene	<1ug/l	10/16/96		VA2495
Toluene	<1ug/l	10/16/96		VA2495
Ethylbenzene	<1ug/l	10/16/96		VA2495
m-Xylene and p-Xylene	<1ug/l	10/16/96		VA2495
o-Xylene	<1ug/l	10/16/96		VA2495
Chlorobenzene	<1ug/l	10/16/96		VA2495
1,2-Dichlorobenzene	<1ug/l	10/16/96		VA2495
1,3-Dichlorobenzene	<1ug/l	10/16/96		VA2495

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: CJS
QC: WD
Lab I.D.: 10170

D8807 MARIACHER
ULI TRIP BLANK 1555H 10/09/96 G

ULI I.D.: 28896033 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
1,4-Dichlorobenzene	<1ug/l	10/16/96		VA2495

DATE: 10/29/96

Upstate Laboratories, Inc. APPROVAL: GJS
Analysis Results QC: WW
Report Number: 28896025 Lab I.D.: 10170
Client I.D.: HAZARD EVALUATIONS, INC. D8807 MARIACHER
Sampled by: Client PILES 1 & 2 1235H 10/09/96 C

ULI I.D.: 28896034 Matrix: Soil

	PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
	Percent Solids	84%	10/15/96		WB4817
Total	Aluminum	8000mg/kg dw	10/15/96		MA7015
Total	Antimony	<40mg/kg dw	10/15/96		MA7015
Total	Arsenic by furnace method	4.4mg/kg dw	10/17/96		MA7023
Total	Barium	47mg/kg dw	10/15/96		MA7015
Total	Beryllium	<0.6mg/kg dw	10/15/96		MA7015
Total	Cadmium	0.59mg/kg dw	10/15/96		MA7015
Total	Calcium	42,000mg/kg dw	10/15/96		MA7015
Total	Chromium	24mg/kg dw	10/15/96		MA7015
Total	Cobalt	320mg/kg dw	10/15/96		MA7015
Total	Copper	40mg/kg dw	10/15/96		MA7015
Total	Iron	14,000mg/kg dw	10/15/96		MA7015
Total	Lead	130mg/kg dw	10/15/96		MA7015
Total	Magnesium	7300mg/kg dw	10/15/96		MA7015
Total	Manganese	310mg/kg dw	10/15/96		MA7015
Total	Mercury	0.22mg/kg dw	10/16/96		MA7021
Total	Nickel	20mg/kg dw	10/15/96		MA7015
Total	Potassium	570mg/kg dw	10/17/96		MA7026
Total	Selenium by furnace method	0.60mg/kg dw	10/18/96		MA7030
Total	Silver	<6mg/kg dw	10/15/96		MA7015
Total	Sodium	280mg/kg dw	10/24/96		MA7054
Total	Thallium	0.4mg/kg dw	10/24/96		MA7064
Total	Vanadium	<40mg/kg dw	10/15/96		MA7015
Total	Zinc	80mg/kg dw	10/15/96		MA7015
	TCL Volatiles by EPA Method 8240				
	Chloromethane	<450ug/kg dw	10/25/96	05	VM1212
	Bromomethane	<450ug/kg dw	10/25/96	05	VM1212
	Vinyl Chloride	<300ug/kg dw	10/25/96	05	VM1212
	Chloroethane	<450ug/kg dw	10/25/96	05	VM1212
	Methylene Chloride	<450ug/kg dw	10/25/96	05	VM1212
	Acetone	<1500ug/kg dw	10/25/96	05	VM1212
	Carbon Disulfide	<450ug/kg dw	10/25/96	05	VM1212
	1,1-Dichloroethene	<450ug/kg dw	10/25/96	05	VM1212
	1,1-Dichloroethane	<450ug/kg dw	10/25/96	05	VM1212
	trans-1,2-Dichloroethene	<450ug/kg dw	10/25/96	05	VM1212
	cis-1,2-Dichloroethene	<450ug/kg dw	10/25/96	05	VM1212
	Chloroform	<450ug/kg dw	10/25/96	05	VM1212
	1,2-Dichloroethane	<450ug/kg dw	10/25/96	05	VM1212
	2-Butanone	3100ug/kg dw	10/25/96		VM1212
	1,1,1-Trichloroethane	<450ug/kg dw	10/25/96	05	VM1212

dw = Dry weight

DATE: 10/29/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 28896025
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: QS
QC: WW - I -
Lab I.D.: 10170
D8807 MARIACHER
PILES 1 & 2 1235H 10/09/96 C

ULI I.D.: 28896034 Matrix: Soil

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
Carbon Tetrachloride	<450ug/kg dw	10/25/96	05	VM1212
Bromodichloromethane	<450ug/kg dw	10/25/96	05	VM1212
1,2-Dichloropropane	<450ug/kg dw	10/25/96	05	VM1212
cis-1,3-Dichloropropene	<450ug/kg dw	10/25/96	05	VM1212
Trichloroethene	<450ug/kg dw	10/25/96	05	VM1212
Dibromochloromethane	<450ug/kg dw	10/25/96	05	VM1212
1,1,2-Trichloroethane	<450ug/kg dw	10/25/96	05	VM1212
Benzene	<450ug/kg dw	10/25/96	05	VM1212
trans-1,3-Dichloropropene	<450ug/kg dw	10/25/96	05	VM1212
Bromoform	<450ug/kg dw	10/25/96	05	VM1212
4-Methyl-2-pentanone	<1500ug/kg dw	10/25/96	05	VM1212
2-Hexanone	<1500ug/kg dw	10/25/96	05	VM1212
Tetrachloroethene	3600ug/kg dw	10/25/96		VM1212
1,1,2,2-Tetrachloroethane	<450ug/kg dw	10/25/96	05	VM1212
Toluene	<450ug/kg dw	10/25/96	05	VM1212
Chlorobenzene	<450ug/kg dw	10/25/96	05	VM1212
Ethylbenzene	<450ug/kg dw	10/25/96	05	VM1212
Styrene	<450ug/kg dw	10/25/96	05	VM1212
m-Xylene and p-Xylene	<450ug/kg dw	10/25/96	05	VM1212
o-Xylene	<450ug/kg dw	10/25/96	05	VM1212

dw = Dry weight

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMITS)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR
16 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 DEPENDING UPON THE INTENDED USE OF THIS TEST RESULT, CONFIRMATION BY GC/MS OR DUAL COLUMN CHROMATOGRAPHY MAY BE REQUIRED
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION LIMITS
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 THE QUALITY CONTROL RESULTS FOR THIS ANALYSIS INDICATE A POSITIVE BIAS OF 1-5 MG/L. THE POSITIVE BIAS FALLS BELOW THE PUBLISHED EPA REGULATORY DETECTION LIMIT OF 5 MG/L BUT ABOVE 1 MG/L.
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS) PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS) PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20, CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

Upstate Laboratories, Inc.

6034 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

10/24/96 HDD

Client: Hazard Evaluations, Inc
Client Project # / Project Name: 08807 Manlachten
Client Contact: Todd J Overhoff
Phone #: 667-3130
Site Location (city/state): Cherrytowaga, NY

Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Special Turnaround Time_____ (Lab Notification required) Remarks
MW2	10-9-96	3:25 P.M	Water	Grab	28896025	4	/	/									Light Sheen
MW3	↑	3:35 P.M	↑	↑	26	4	/	/									Very Light Sheen
MW4		2:20 P.M			27	4	/	/									
MW5		2:35 P.M			28	4	/	/									*(T-al, Sb, As, Ba, Be, Cd, Ca
MW6		3:00 P.M.			29	4	/	/									Cr, Co, Cu, Fe, Pb, Mg, Mn,
MW7		3:15 P.M			30	4	/	/									Hg, Ni, K, Se, Ag, Na, Tl, V, Zn)CK
MW8		2:15 P.M			31	4	/	/									
Field Dup.	↓	2:45 P.M.	↓	↓	32	4	/	/									
(Lucky) Trip Blank	10-9-96	3:55 P.M	Water	Grab	33	4	/	/									
Piles 1 & 2	10-9-96	12:35 P.M	Soil	Composite	34	2			/	/	(x)						

parameter and method	sample bottle: type	size	pres.
1) EPA 8010	Glass	40ml	4°C, HCl
2) EPA 8020	Glass	40ml	4°C, HCl
3) EPA 8240	Glass	1 Oz	4°C
4) Target Analyte List for Metals (SW)*	Glass	10z	4°C
5) (% solids) CK			
6)			
7)			
8)			
9)			
10)			

* Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) Todd J Overhoff
Company: Hazard Evaluations, Inc.

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☒ Pickup ☐ Dropoff
☒ CC _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Todd Overhoff	10/10/96	11:50 AM	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
	10/11/96	16:13	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date 10/11/96	Time 1613	Rec'd for Lab by: (Signature) Ckenney

Syracuse Rochester (Buffalo) Albany Binghamton Fair Lawn (NJ)

Upstate Laboratories inc.

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209
Mailing: Box 289 • Syracuse, NY 13206
Albany (518) 459-3134
Binghamton (607) 724-0478
Buffalo (716) 649-2533
Rochester (716) 436-9070
New Jersey (201) 703-1324

November 14, 1996

Mr. Todd J. Overhoff
Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127

Re: Analysis Report #30296053 - 08807 Mariacher

Dear Mr. Overhoff:

Please find enclosed the results for your samples which were picked up by ULI personnel on October 25, 1996.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala
Director

AJS/lw

Enclosures: report, invoice

cc/encs: N. Scala, ULI
file

Note: Faxed results were given to your office on 11/12 and 11/13/96. AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 11/14/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 30296053
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

08807 MARIACHER
CATCH BASIN WATER 1015H 10/25/96 G

ULI I.D.: 30296053 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
EPA Method 8010				
Dichlorodifluoromethane	<1ug/l	10/29/96		VA2519
Chloromethane	<1ug/l	10/29/96		VA2519
Vinyl Chloride	<1ug/l	10/29/96		VA2519
Bromomethane	<1ug/l	10/29/96		VA2519
Chloroethane	<1ug/l	10/29/96		VA2519
Trichlorofluoromethane	<1ug/l	10/29/96		VA2519
1,1-Dichloroethene	<1ug/l	10/29/96		VA2519
Methylene Chloride	<5ug/l	10/29/96		VA2519
cis-1,2-Dichloroethene	4ug/l	10/29/96		VA2519
trans-1,2-Dichloroethene	<1ug/l	10/29/96		VA2519
1,1-Dichloroethane	6ug/l	10/29/96		VA2519
Chloroform	<1ug/l	10/29/96		VA2519
1,1,1-Trichloroethane	30ug/l	10/29/96		VA2519
Carbon Tetrachloride	<1ug/l	10/29/96		VA2519
1,2-Dichloroethane	<1ug/l	10/29/96		VA2519
Trichloroethene	1ug/l	10/29/96		VA2519
1,2-Dichloropropane	<1ug/l	10/29/96		VA2519
Bromodichloromethane	<1ug/l	10/29/96		VA2519
2-Chloroethylvinylether	<1ug/l	10/29/96		VA2519
cis-1,3-Dichloropropene	<1ug/l	10/29/96		VA2519
trans-1,3-Dichloropropene	<1ug/l	10/29/96		VA2519
1,1,2-Trichloroethane	<1ug/l	10/29/96		VA2519
Tetrachloroethene	6ug/l	10/29/96		VA2519
Dibromochloromethane	<1ug/l	10/29/96		VA2519
Bromoform	<1ug/l	10/29/96		VA2519
1,1,2,2-Tetrachloroethane	<1ug/l	10/29/96		VA2519
Chlorobenzene	<1ug/l	10/29/96		VA2519
1,2-Dichlorobenzene	<1ug/l	10/29/96		VA2519
1,3-Dichlorobenzene	<1ug/l	10/29/96		VA2519
1,4-Dichlorobenzene	<1ug/l	10/29/96		VA2519
EPA Method 8020				
Benzene	<1ug/l	10/29/96		VA2519
Toluene	<1ug/l	10/29/96		VA2519
Ethylbenzene	<1ug/l	10/29/96		VA2519
m-Xylene and p-Xylene	<1ug/l	10/29/96		VA2519
o-Xylene	<1ug/l	10/29/96		VA2519
Chlorobenzene	<1ug/l	10/29/96		VA2519
1,2-Dichlorobenzene	<1ug/l	10/29/96		VA2519
1,3-Dichlorobenzene	<1ug/l	10/29/96		VA2519

DATE: 11/14/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 30296053
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
08807 MARIACHER
CATCH BASIN WATER 1015H 10/25/96 G

ULI I.D.: 30296053
Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
1,4-Dichlorobenzene	<1ug/l	10/29/96		VA2519

DATE: 11/14/96

Upstate Laboratories, Inc. APPROVAL:
Analysis Results QC:
Report Number: 30296053 Lab I.D.: 10170
Client I.D.: HAZARD EVALUATIONS, INC. 08807 MARIACHER
Sampled by: Client CATCH BASIN SEDIMENT 1045H 10/25/96 G

ULI I.D.: 30296054 Matrix: Soil

	PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
	Percent Solids	87%	10/29/96		WB5009
Total	Aluminum	500mg/kg dw	11/07/96		MA7125
Total	Antimony	<40mg/kg dw	11/07/96		MA7125
Total	Arsenic by furnace method	0.92mg/kg dw	10/30/96		MA7074
Total	Barium	<40mg/kg dw	11/07/96		MA7125
Total	Beryllium	<0.6mg/kg dw	11/07/96		MA7125
Total	Cadmium	<0.6mg/kg dw	11/07/96		MA7125
Total	Calcium	160,000mg/kg dw	11/13/96		MA7164
Total	Chromium	<6mg/kg dw	11/07/96		MA7125
Total	Cobalt	5.7mg/kg dw	11/07/96		MA7125
Total	Copper	6.8mg/kg dw	11/07/96		MA7125
Total	Iron	1800mg/kg dw	11/07/96		MA7125
Total	Lead	11mg/kg dw	11/07/96		MA7125
Total	Magnesium	3200mg/kg dw	11/07/96		MA7125
Total	Manganese	120mg/kg dw	11/07/96		MA7125
Total	Mercury	<0.3mg/kg dw	11/06/96		MA7114
Total	Nickel	4.0mg/kg dw	11/07/96		MA7125
Total	Potassium	110mg/kg dw	11/05/96		MA7014
Total	Selenium by furnace method	<0.1mg/kg dw	10/31/96		MA7084
Total	Silver	<6mg/kg dw	11/13/96		MA7164
Total	Sodium	210mg/kg dw	11/08/96		MA7139
Total	Thallium	<0.4mg/kg dw	11/11/96		MA7150
Total	Vanadium	<40mg/kg dw	11/07/96		MA7125
Total	Zinc	18mg/kg dw	11/07/96		MA7125
	TCL Volatiles by EPA Method 8240				
	Chloromethane	<3ug/kg dw	11/10/96		VM1229
	Bromomethane	<3ug/kg dw	11/10/96		VM1229
	Vinyl Chloride	<2ug/kg dw	11/10/96		VM1229
	Chloroethane	<3ug/kg dw	11/10/96		VM1229
	Methylene Chloride	11ug/kg dw	11/10/96	03	VM1229
	Acetone	<11ug/kg dw	11/10/96		VM1229
	Carbon Disulfide	<3ug/kg dw	11/10/96		VM1229
	1,1-Dichloroethene	<3ug/kg dw	11/10/96		VM1229
	1,1-Dichloroethane	18ug/kg dw	11/10/96		VM1229
	trans-1,2-Dichloroethene	<3ug/kg dw	11/10/96		VM1229
	cis-1,2-Dichloroethene	7.2ug/kg dw	11/10/96		VM1229
	Chloroform	<3ug/kg dw	11/10/96		VM1229
	1,2-Dichloroethane	<3ug/kg dw	11/10/96		VM1229
	2-Butanone	40ug/kg dw	11/10/96	03	VM1229
	1,1,1-Trichloroethane	100ug/kg dw	11/10/96		VM1229

dw = Dry weight

DATE: 11/14/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 30296053
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
08807 MARIACHER
CATCH BASIN SEDIMENT 1045H 10/25/96 G

ULI I.D.: 30296054 Matrix: Soil

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
Carbon Tetrachloride	<3ug/kg dw	11/10/96		VM1229
Bromodichloromethane	<3ug/kg dw	11/10/96		VM1229
1,2-Dichloropropane	<3ug/kg dw	11/10/96		VM1229
cis-1,3-Dichloropropene	<3ug/kg dw	11/10/96		VM1229
Trichloroethene	6.3ug/kg dw	11/10/96		VM1229
Dibromochloromethane	<3ug/kg dw	11/10/96		VM1229
1,1,2-Trichloroethane	<3ug/kg dw	11/10/96		VM1229
Benzene	<3ug/kg dw	11/10/96		VM1229
trans-1,3-Dichloropropene	<3ug/kg dw	11/10/96		VM1229
Bromoform	<3ug/kg dw	11/10/96		VM1229
4-Methyl-2-pentanone	<11ug/kg dw	11/10/96		VM1229
2-Hexanone	<11ug/kg dw	11/10/96		VM1229
Tetrachloroethene	78ug/kg dw	11/10/96		VM1229
1,1,2,2-Tetrachloroethane	<3ug/kg dw	11/10/96		VM1229
Toluene	<3ug/kg dw	11/10/96		VM1229
Chlorobenzene	<3ug/kg dw	11/10/96		VM1229
Ethylbenzene	<3ug/kg dw	11/10/96		VM1229
Styrene	<3ug/kg dw	11/10/96		VM1229
m-Xylene and p-Xylene	<3ug/kg dw	11/10/96		VM1229
o-Xylene	<3ug/kg dw	11/10/96		VM1229

dw = Dry weight

DATE: 11/14/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 30296053
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
08807 MARIACHER
CATCH BASIN SOIL 1230H 10/25/96 G

ULI I.D.: 30296055 Matrix: Soil

	PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
	Percent Solids	76%	10/29/96		WB5009
Total	Aluminum	5700mg/kg dw	11/07/96		MA7125
Total	Antimony	<40mg/kg dw	11/07/96		MA7125
Total	Arsenic by furnace method	9.1mg/kg dw	10/30/96		MA7074
Total	Barium	50mg/kg dw	11/07/96		MA7125
Total	Beryllium	0.66mg/kg dw	11/07/96		MA7125
Total	Cadmium	0.79mg/kg dw	11/07/96		MA7125
Total	Calcium	9400mg/kg dw	11/07/96		MA7125
Total	Chromium	15mg/kg dw	11/07/96		MA7125
Total	Cobalt	29mg/kg dw	11/07/96		MA7125
Total	Copper	29mg/kg dw	11/07/96		MA7125
Total	Iron	16,000mg/kg dw	11/07/96		MA7125
Total	Lead	67mg/kg dw	11/07/96		MA7125
Total	Magnesium	2800mg/kg dw	11/07/96		MA7125
Total	Manganese	180mg/kg dw	11/07/96		MA7125
Total	Mercury	<0.3mg/kg dw	11/06/96		MA7114
Total	Nickel	17mg/kg dw	11/07/96		MA7125
Total	Potassium	380mg/kg dw	11/05/96		MA7014
Total	Selenium by furnace method	1.2mg/kg dw	10/31/96		MA7084
Total	Silver	<7mg/kg dw	11/13/96		MA7164
Total	Sodium	280mg/kg dw	11/08/96		MA7139
Total	Thallium	<0.4mg/kg dw	11/11/96		MA7150
Total	Vanadium	<40mg/kg dw	11/07/96		MA7125
Total	Zinc	140mg/kg dw	11/07/96		MA7125
	TCL Volatiles by EPA Method 8240				
	Chloromethane	<4ug/kg dw	11/10/96		VM1229
	Bromomethane	<4ug/kg dw	11/10/96		VM1229
	Vinyl Chloride	<3ug/kg dw	11/10/96		VM1229
	Chloroethane	<4ug/kg dw	11/10/96		VM1229
	Methylene Chloride	13ug/kg dw	11/10/96	03	VM1229
	Acetone	<13ug/kg dw	11/10/96		VM1229
	Carbon Disulfide	<4ug/kg dw	11/10/96		VM1229
	1,1-Dichloroethene	<4ug/kg dw	11/10/96		VM1229
	1,1-Dichloroethane	<4ug/kg dw	11/10/96		VM1229
	trans-1,2-Dichloroethene	<4ug/kg dw	11/10/96		VM1229
	cis-1,2-Dichloroethene	<4ug/kg dw	11/10/96		VM1229
	Chloroform	<4ug/kg dw	11/10/96		VM1229
	1,2-Dichloroethane	<4ug/kg dw	11/10/96		VM1229
	2-Butanone	67ug/kg dw	11/10/96	03	VM1229
	1,1,1-Trichloroethane	<4ug/kg dw	11/10/96		VM1229

dw = Dry weight

DATE: 11/14/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 30296053
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
08807 MARIACHER
CATCH BASIN SOIL 1230H 10/25/96 G

ULI I.D.: 30296055
Matrix: Soil

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
Carbon Tetrachloride	<4ug/kg dw	11/10/96		VM1229
Bromodichloromethane	<4ug/kg dw	11/10/96		VM1229
1,2-Dichloropropane	<4ug/kg dw	11/10/96		VM1229
cis-1,3-Dichloropropene	<4ug/kg dw	11/10/96		VM1229
Trichloroethene	<4ug/kg dw	11/10/96		VM1229
Dibromochloromethane	<4ug/kg dw	11/10/96		VM1229
1,1,2-Trichloroethane	<4ug/kg dw	11/10/96		VM1229
Benzene	<4ug/kg dw	11/10/96		VM1229
trans-1,3-Dichloropropene	<4ug/kg dw	11/10/96		VM1229
Bromoform	<4ug/kg dw	11/10/96		VM1229
4-Methyl-2-pentanone	<13ug/kg dw	11/10/96		VM1229
2-Hexanone	<13ug/kg dw	11/10/96		VM1229
Tetrachloroethene	4.1ug/kg dw	11/10/96		VM1229
1,1,2,2-Tetrachloroethane	<4ug/kg dw	11/10/96		VM1229
Toluene	5.7ug/kg dw	11/10/96		VM1229
Chlorobenzene	48ug/kg dw	11/10/96		VM1229
Ethylbenzene	<4ug/kg dw	11/10/96		VM1229
Styrene	<4ug/kg dw	11/10/96		VM1229
m-Xylene and p-Xylene	310ug/kg dw	11/10/96		VM1229
o-Xylene	110ug/kg dw	11/10/96		VM1229

dw = Dry weight

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMITS)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR
16 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 DEPENDING UPON THE INTENDED USE OF THIS TEST RESULT, CONFIRMATION BY GC/MS OR DUAL COLUMN CHROMATOGRAPHY MAY BE REQUIRED
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION LIMITS
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 THE QUALITY CONTROL RESULTS FOR THIS ANALYSIS INDICATE A POSITIVE BIAS OF 1-5 MG/L. THE POSITIVE BIAS FALLS BELOW THE PUBLISHED EPA REGULATORY DETECTION LIMIT OF 5 MG/L BUT ABOVE 1 MG/L.
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS) PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS) PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20, CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

Client:	Client Project # / Project Name						No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Special Turnaround Time (Lab Notification required)
HAZARD EVALUATIONS, INC	08807 MAHLMACHER																	10 WORK DAY
Client Contact: / Phone #	Site Location (city/state)																	
TODD J OVERHOFF 667-3130	CHEEKTOWAGA, NY																	
Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only													Remarks
CATCH BASIN WATER	10-25-96	10:15	WATER	GRAB	30296053		(4)	/	/									
CATCH BASIN SEDIMENT	10-25-96	10:45	SOIL	GRAB	54		(2)			/	/	(X)						
CATCH BASIN SOIL	10-25-96	12:30	SOIL	GRAB	55		(2)			/	/	(X)						*(T-Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn)

Parameter and method	sample bottle: type	size	pres.
EPA 8010	GLASS	40ml	4°C, HCl
EPA 8020	" "	" "	" "
EPA 8240	GLASS	4 OZ	4°C
TARGET ANALYTE LIST FOR METALS (SW)*	GLASS	1QT	4°C
(%0 SOLIDS) CK			

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) TODD J OVERHOFF

Company: HAZARD EVALUATIONS, INC

ULI Internal Use Only

Delivery (check one):
- ☐ ULI Sampled
- ☒ Pickup ☐ Dropoff
- ☐ CC _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
	10/25/96	5:00	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
		6:50	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Rec'd for Lab by: (Signature)
	10/25/96	6:50 P	

Syracuse Rochester (Buffalo) Albany Binghamton Fair Lawn (NJ)

Upstate Laboratories inc.

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209
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Buffalo (716) 649-2533
Rochester (716) 436-9070
New Jersey (201) 703-1324

November 21, 1996

Mr. Todd J. Overhoff
Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127

Re: Analysis Report #30996003 - 08808/Mariacher

Dear Mr. Overhoff:

Please find enclosed the results for your samples which were picked up by ULI personnel on October 31, 1996.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala
Director

AJS/lw

Enclosures: report, invoice

cc/encs: N. Scala, ULI
file

Note: Faxed results were given to your office on 11/20/96. AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 11/21/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 30996003
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
08808/MARIACHER
MW-2 1320H 10/30/96 G

ULI I.D.: 30996003 Matrix: Water

	PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
Total	Aluminum	<0.05mg/l	11/08/96		MA7137
Total	Antimony by furnace method	<0.003mg/l	11/11/96		MA7153
Total	Arsenic by furnace method	0.010mg/l	11/08/96		MA7130
Total	Barium	0.7mg/l	11/08/96		MA7128
Total	Beryllium	<0.005mg/l	11/08/96		MA7128
Total	Cadmium	<0.005mg/l	11/08/96		MA7128
Total	Calcium	190mg/l	11/08/96		MA7128
Total	Chromium by furnace method	<0.05mg/l	11/08/96		MA7128
Total	Cobalt	<0.05mg/l	11/08/96		MA7128
Total	Copper	<0.02mg/l	11/08/96		MA7128
Total	Iron	1.1mg/l	11/08/96		MA7128
Total	Lead by furnace method	0.002mg/l	11/06/96		MA7119
Total	Magnesium	53mg/l	11/08/96		MA7128
Total	Manganese	0.96mg/l	11/08/96		MA7128
Total	Mercury	<0.0004mg/l	11/11/96		MA7143
Total	Nickel	<0.03mg/l	11/08/96		MA7128
Total	Potassium	2.5mg/l	11/14/96		MA7175
Total	Selenium by furnace method	<0.001mg/l	11/07/96	28	MA7124
Total	Silver	<0.05mg/l	11/19/96		MA7197
Total	Sodium	76mg/l	11/14/96		MA7172
Total	Thallium by furnace method	<0.003mg/l	11/08/96	28	MA7131
Total	Vanadium	<0.3mg/l	11/08/96		MA7128
Total	Zinc	0.03mg/l	11/08/96		MA7128
	TCL Volatiles by EPA Method 8240				
	Chloromethane	<3000ug/l	11/18/96	05	VM1241
	Bromomethane	<3000ug/l	11/18/96	05	VM1241
	Vinyl Chloride	<2000ug/l	11/18/96	05	VM1241
	Chloroethane	<3000ug/l	11/18/96	05	VM1241
	Methylene Chloride	<3000ug/l	11/18/96	05	VM1241
	Acetone	<10,000ug/l	11/18/96	05	VM1241
	Carbon Disulfide	<3000ug/l	11/18/96	05	VM1241
	1,1-Dichloroethene	<3000ug/l	11/18/96	05	VM1241
	1,1-Dichloroethane	30,000ug/l	11/18/96		VM1241
	trans-1,2-Dichloroethene	<3000ug/l	11/18/96	05	VM1241
	cis-1,2-Dichloroethene	4300ug/l	11/18/96		VM1241
	Chloroform	<3000ug/l	11/18/96	05	VM1241
	1,2-Dichloroethane	<3000ug/l	11/18/96	05	VM1241
	2-Butanone	<10,000ug/l	11/18/96	05	VM1241
	1,1,1-Trichloroethane	81,000ug/l	11/18/96		VM1241
	Carbon Tetrachloride	24,000ug/l	11/18/96		VM1241

DATE: 11/21/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 30996003
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: _____
QC: _____
Lab I.D.: 10170
08808/MARIACHER
MW-2 1320H 10/30/96 G

ULI I.D.: 30996003 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
Bromodichloromethane	<3000ug/l	11/18/96	05	VM1241
1,2-Dichloropropane	<3000ug/l	11/18/96	05	VM1241
cis-1,3-Dichloropropene	<3000ug/l	11/18/96	05	VM1241
Trichloroethene	<3000ug/l	11/18/96	05	VM1241
Dibromochloromethane	<3000ug/l	11/18/96	05	VM1241
1,1,2-Trichloroethane	<3000ug/l	11/18/96	05	VM1241
Benzene	<3000ug/l	11/18/96	05	VM1241
trans-1,3-Dichloropropene	<3000ug/l	11/18/96	05	VM1241
Bromoform	<3000ug/l	11/18/96	05	VM1241
4-Methyl-2-pentanone	<10,000ug/l	11/18/96	05	VM1241
2-Hexanone	<10,000ug/l	11/18/96	05	VM1241
Tetrachloroethene	14,000ug/l	11/18/96		VM1241
1,1,2,2-Tetrachloroethane	<3000ug/l	11/18/96	05	VM1241
Toluene	<3000ug/l	11/18/96	05	VM1241
Chlorobenzene	<3000ug/l	11/18/96	05	VM1241
Ethylbenzene	<3000ug/l	11/18/96	05	VM1241
Styrene	<3000ug/l	11/18/96	05	VM1241
m-Xylene and p-Xylene	<3000ug/l	11/18/96	05	VM1241
o-Xylene	<3000ug/l	11/18/96	05	VM1241

DATE: 11/21/96

Upstate Laboratories, Inc.
Analysis Results
Report Number: 30996003
Client I.D.: HAZARD EVALUATIONS, INC.
Sampled by: Client

APPROVAL: _____
QC: _____
Lab I.D.: 10170
08808/MARIACHER
FIELD BLANK 1400H 10/30/96 G

ULI I.D.: 30996004 Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE#
TCL Volatiles by EPA Method 8240				
Chloromethane	<3ug/l	11/17/96		VM1239
Bromomethane	<3ug/l	11/17/96		VM1239
Vinyl Chloride	<2ug/l	11/17/96		VM1239
Chloroethane	<3ug/l	11/17/96		VM1239
Methylene Chloride	<3ug/l	11/17/96		VM1239
Acetone	12ug/l	11/17/96	44	VM1239
Carbon Disulfide	<3ug/l	11/17/96		VM1239
1,1-Dichloroethene	<3ug/l	11/17/96		VM1239
1,1-Dichloroethane	<3ug/l	11/17/96		VM1239
trans-1,2-Dichloroethene	<3ug/l	11/17/96		VM1239
cis-1,2-Dichloroethene	<3ug/l	11/17/96		VM1239
Chloroform	<3ug/l	11/17/96		VM1239
1,2-Dichloroethane	<3ug/l	11/17/96		VM1239
2-Butanone	12ug/l	11/17/96	03	VM1239
1,1,1-Trichloroethane	<3ug/l	11/17/96		VM1239
Carbon Tetrachloride	<3ug/l	11/17/96		VM1239
Bromodichloromethane	<3ug/l	11/17/96		VM1239
1,2-Dichloropropane	<3ug/l	11/17/96		VM1239
cis-1,3-Dichloropropene	<3ug/l	11/17/96		VM1239
Trichloroethene	<3ug/l	11/17/96		VM1239
Dibromochloromethane	<3ug/l	11/17/96		VM1239
1,1,2-Trichloroethane	<3ug/l	11/17/96		VM1239
Benzene	<3ug/l	11/17/96		VM1239
trans-1,3-Dichloropropene	<3ug/l	11/17/96		VM1239
Bromoform	<3ug/l	11/17/96		VM1239
4-Methyl-2-pentanone	<10ug/l	11/17/96		VM1239
2-Hexanone	<10ug/l	11/17/96		VM1239
Tetrachloroethene	<3ug/l	11/17/96		VM1239
1,1,2,2-Tetrachloroethane	<3ug/l	11/17/96		VM1239
Toluene	<3ug/l	11/17/96		VM1239
Chlorobenzene	<3ug/l	11/17/96		VM1239
Ethylbenzene	<3ug/l	11/17/96		VM1239
Styrene	<3ug/l	11/17/96		VM1239
m-Xylene and p-Xylene	<3ug/l	11/17/96		VM1239
o-Xylene	<3ug/l	11/17/96		VM1239

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMITS)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR
16 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 DEPENDING UPON THE INTENDED USE OF THIS TEST RESULT, CONFIRMATION BY GC/MS OR DUAL COLUMN CHROMATOGRAPHY MAY BE REQUIRED
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION LIMITS
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 THE QUALITY CONTROL RESULTS FOR THIS ANALYSIS INDICATE A POSITIVE BIAS OF 1-5 MG/L. THE POSITIVE BIAS FALLS BELOW THE PUBLISHED EPA REGULATORY DETECTION LIMIT OF 5 MG/L BUT ABOVE 1 MG/L.
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS) PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS) PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20, CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

Upstate Laboratories, Inc.
6034 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

1018

Client		Client Project # / Project Name		
Hazard Evaluations, Inc.		DB808 / Manufacturer		
Client Contact:	Phone #	Site Location (city/state)		
Todd J Overhoff		Cheektowaga, NY		

Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks
MW2	10-30-96	1:20 PM	Water	Grab	30996003	3	/	/									Sheen!
Field Blank	10-30-96	2:00 PM	Water	Grab	4	2	/										

Special Turnaround Time______ (Lab Notification required)

parameter and method	sample bottle: type	size	pres.
1) EPA 8240	Glass	40 ml	4°C HCl
2) Target Analyte List for Metals w/Hg	Amber	1 liter	4°C HNO3
3) ~~Field Blank~~			
4)			
5)			
6)			
7)			
8)			
9)			
10)			

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) Todd J Overhoff
Company: Hazard Evaluations, Inc.

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☑ Pickup ☐ Dropoff
☐ UPS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	10/31/96	10 AM	[signature]
[signature]	10/31/96	11 AM	
	11-1-96	4:30 pm	[signature]
[signature]	11-1-96	4:55 pm	Rec'd for Lab by: [signature]

Syracuse Rochester Buffalo (circled) Albany Binghamton Fair Lawn (NJ)