Compliance Solu
Waste & Chemical Manag
196 S. C
Aurora,
FAX: (216)
(216) 5

75162

GRANVILLE SOLVENTS
INTERIM ACTION

Ohio EPA Mobilization Order #145-02
FINAL REPORT

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OHIO EPA
DIVISION OF EMERGENCY
AND REMEDIAL RESPONSE
CENTRAL DISTRICT OFFICE

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1.0 Site History

Granville Solvents, Inc. was a solvent recycling facility in operation for approximately 30 years. It is located adjacent to Raccoon Creek, 800 ft. east of the Village of Granville's water supply wells. A number of residential homes and a bike path border the facility. Granville solvents was ordered to cease operations in August, 1986 because of several RCRA violations. The owner could not perform a RCRA closure so the site was referred to the State Attorney General's Office for litigation. An estimated 315 drums of hazardous substances were left in the warehouse. In addition, 6 underground storage tanks and 6 excavated tanks were left. RCRA inspections during 1989 revealed the drums were in a deteriorating condition and several were beginning to leak. Because the site posed an immediate risk to human health, DERR/CDO recommended the site for a State interim action to remove the drums and tanks, install monitoring wells, and sample soils. Clean Harbors was mobilized in June, 1990, to conduct a clean-up of the facility.

Compliance Solutions, Inc. was contracted by the Ohio EPA to complete work started by Clean Harbors. The following tasks were to be completed:

+Removal and Disposal of Empty Drums
+Removal and Disposal of Hazardous Waste Drums
+Decontamination of Tanks
+Decontamination of Warehouse & Still Building.
+Removal and Disposal of Tanks
+Disposal of Decon Waste Water
+Backfill of the Tank Excavation Site
+Site Restoration

Final approval of the Work Plan and Site Specific Health and Safety Plan was on February 15, 1991. Work began on February 18, 1991.

In addition to the above tasks, Compliance Solutions, Inc., was contracted verbally, by Ohio EPA, to remove and dispose of some items in the building and on the surrounding property, (as specified by the owner), and to pull out and plug a water well.

2.0 Waste Removal and Site Clean-Up

2.1 Removal and Disposal of Empty Drums

Removal and disposal of empty drums was accomplished by 5 March 1991. The empty drums were moved from the back of the warehouse by Compliance Solutions, Inc., and inspected to verify that they were empty. There were 110 empty drums that

were removed from the site on 25 February 1991. Thirty drums remained because they showed evidence of the presence of solid or liquid waste. The heads were removed from each of these drums and vapor concentrations monitored. Pourable waste was consolidated in one drum for disposal as hazardous waste. The empty containers were disposed of as non-hazardous waste.

2.2 Handling Hazardous Waste Drums

Two hundred twenty-one drums containing hazardous waste, stored in the warehouse and trailer, were disposed of on Mar. 5, 6, and 7, 1991. Thirteen remaining drums were disposed of on 20 Mar. 1991. The waste had been previously characterized by Clean Harbors, Inc., to be, primarily, F001, F002, F003, and F005 waste. The hazardous waste drums were transported to Petrochem, Inc., for disposal. Copies of hazardous waste manifests are in Appendix A.

2.3 Decontamination of Tanks

Decontamination of the thirteen tanks was accomplished by 1 Mar. 1991. Prior to decontamination, samples were taken by Compliance Solutions, Inc., from the standing water in the tanks. These samples were analyzed by the Ohio EPA using a field Photovac GC. Volatile organic compounds were detected at parts per billion levels. Laboratory analyses from samples taken at the same time confirmed the presence of volatile organics at ppb levels.

Tanks were power washed and samples were taken of the rinse water in the bottom of each tank. Samples were analyzed for VOC's (method 8240). The following compounds were detected: Bromodichloromethane, Bromoform, Chlorodibromomethane, Ethylbenzene, Styrene, Toluene, 1,1,1-Trichloroethane, Trichloroethene, Tetrachloroethene, total Xylenes. See Table 1 for concentrations of these compounds in each of the 13 tanks.

After evaluation of the analytical results, the Ohio EPA determined that the tanks were clean enough to remove from the site and ship to Columbus Salvage, Inc. The tanks were cut and removed from the Granville Solvents, Inc., site on 21 March 1991.

The water generated during the tank washing was collected in 55 gallon drums and stored in the warehouse. A composite sample was taken from the water used to wash the tanks. These analyses contained VOC's ranging from 25.2 ppb to 999.9 ppb levels (Table 2).

TABLE 1. Concentrations of Volatile Organic Compounds (ppb) in Tanks 1-13, Decontamination Rinse Water.

Compound	1	2	3	4	5	6	7	8	9	10	11	12	13
BROMODICHLOROMETHANE	8.4	BDL	BDL	BDL	BDL	7.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
BROMOFORM	32.9	BDL	5.6	BDL	BDL	10.4	6.1	BDL	BDL	BDL	BDL	BDL	BDL
CHLORODIBROMOMETHANE	BDL	BDL	BDL	BDL	BDL	5.4	BDL	BDL	BDL	22.7	5.8	20.7	24.7
ETHYLBENZENE	BDL	BDL	BDL	7.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.6	BDL
STYRENE	BDL	BDL	BDL	5.6	BDL	BDL	95.2	BDL	BDL	BDL	BDL	BDL	BDL
TOLUENE	BDL	BDL	BDL	17.6	BDL	BDL	12.6	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-TRICHLOROETHANE	BDL	BDL	BDL	BDL	BDL	BDL	66.6	66.7	BDL	BDL	BDL	BDL	BDL
TRICHLOROETHENE	BDL	BDL	BDL	BDL	BDL	BDL	65.0	58.8	BDL	BDL	BDL	BDL	BDL
TETRACHLOROETHENE	BDL	BDL	BDL	17.9	BDL	BDL	BDL	40.9	BDL	BDL	BDL	BDL	BDL
TOTAL XYLENES	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL= BELOW DETECTION LIMIT.

TABLE 2. Concentrations of Volatile Organic Compounds (ppb) in Tank and Building Decontamination Water, March, 1991, Granville, Ohio.

CONTAMINANT	Tank Water MARCH 1 (ppb)	Building Water MARCH 20 (ppb)
1,1-DICHLOROETHANE	NA	13.65
TRANS-1,2-DICHLOROETHENE	NA	196.34
ETHYLBENZENE	25.2	9.6
METHYLENE CHLORIDE	400.9	NA
STYRENE	545.1	NA
TETRACHLOROETHENE	621.1	558.97
TOLUENE	131.6	12.89
1,1,1-TRICHLOROETHANE	999.6	181.27
TRICHLOROETHENE	694.9	47.38
TOTAL XYLENES	96.9	NA

NA= NOT APPLICABLE FOR THIS TESTING.

2.4 Warehouse and Building Decontamination

Decontamination of the warehouse and still buildings was completed on 20 Mar. 1991. The walls and ceiling of the still building were power washed, as were the walls, ceiling, and floor of the warehouse. A composite sample of the rinse water was taken from the still building and analyzed for VOC's. It contained detectable amounts of bromoform (5.7ppb). A sample of the rinse water taken from the warehouse wall, analyzed for VOC's revealed no detectable amounts of any of the compounds. Two random samples of the rinse water were taken from the warehouse floor. The sample from the northeast corner had no detectable amounts of VOC's and the sample from the southwest corner contained 4.0 ppb of bromoform. The blank contained 32.55 ppb of bromoform.

Two hundred fifty gallons of water was generated in the decontamination of the warehouse and still building. The wash water was collected in a 500 gal. tank. A composite sample was taken from the storage tank holding the wash and rinse water, analyzed for VOC's and found to have concentrations ranging from 9 ppb to 559 ppb (Table 2).

During the decontamination of the warehouse it was discovered that one of the two sumps in the warehouse floor was filled with sludge and suspected to have a dirt bottom. Compliance Solutions, Inc., with the advisement of Ohio EPA, sampled the sludge from the sump. Analytical results revealed the presence of VOC's ranging from 2 to 42 ppm (Table 3).

2.5 Backfill and Site Restoration

Filling of the tank excavation site was accomplished by 27 Feb. 1991. During the process of site restoration, Compliance Solutions, Inc., collected and disposed of scrap iron. This was done at the direction of Ohio EPA and with the permission of the owner.

2.6 Additional Building Clean-up

Prior to decontamination, all building contents had to be removed. Some of the contents were moved out of the building temporarily, some were stored in the small office building, and some were disposed of in the dumpster. During this process, 4 bottles (< 1.0 liter/each) were discovered, unmarked, in the warehouse. Two of the bottles had less than 50ml of substance in them and were disposed of in the dumpster at the direction of the OEPA. One bottle was a sample from one of the hazardous waste drums and contained waste soil. The remaining bottle contained a substance, solid at 35-40 F., liquid at 55 F, with a pH of 8.0.

TABLE 3. Concentration of Contaminants (ppb) in Sump Dirt on March 21, 1991 and September 17, 1991.

	March 21	September 17	
Contaminants	3-6"	2 ft	5 ft
CARBON TETRACHLORIDE	2172	BDL	BDL
1,2-DICHLOROBENZENE	567.5	BDL	BDL
1,1-DICHLOROETHANE	534	153.4	59.8
1,1-DICHLOROETHENE	BDL	123.5	BDL
CIS-1,2-DICHLOROETHENE	BDL	2732	BDL
TRANS-1,2-DICHLOROETHENE	14351.2	BDL	BDL
ETHYLBENZENE	3630	395	90.7
TETRACHLOROETHENE	41998	17544	1202
TOLUENE	4614	1639	311
1,1,1-TRICHLOROETHANE	17986.3	12594	1448
TRICHLOROETHENE	6975	12416	10.7
TOTAL XYLENES	3241	991	178
SEMIVOLATILE			
BIS(2-ETHYLHEXYL)PHTHALATE	NA	16600	1951
DI-N-BUTYL PHTHALATE	NA	BDL	870
FLOURANTHENE	NA	2960	BDL
2-METHYLNAPHTHALENE	NA	1440	BDL
PHENANTHRENE	NA	4580	BDL
PYRENE	NA	1670	BDL
PCB'S	NA	BDL	BDL
PESTICIDES			
ALPHA-BHC	NA	<300	BDL
BETA-BHC	NA	711	BDL

BDL= BELOW DETECTION LIMIT
NA= NOT APPLICABLE

2.7 Summary of Tasks Accomplished, Feb.-Mar., 1991

All work related to the initial mobilization order, M.O. 145-02, was completed by May 20, 1991 (Table 4), except some of the waste disposal. Drums of iron scale from the tank decontamination, personal protective equipment and polysheeting, and the bulk wastewater from the various decontamination tasks, were stored in the warehouse until the waste was approved for incineration at an appropriate disposal facility.

3.0 Groundwater Investigation

3.1 Monitoring Wells Installation, June 26-28, 1991

On June 14, 1991, Compliance Solutions, Inc. was issued a request by the Ohio EPA to amend the February 13, 1991 Work Plan to include the installation of six monitoring wells. The number of wells was later changed from 6 to 5, removing well # 8 from the Work Plan. Wells #4D, 5, 7, & 7D were installed June 26-28, 1991. Installation of well #6 was completed on Oct. 1, 1991. The wells were located around the warehouse and downgradient, between the warehouse and the Granville wellfield (Figure 1).

The well boreholes were drilled with a 4.5" I.D., continuous flight hollow stem auger. During the well boring, continuous split-spoon samples were collected, geologically characterized and chemically analyzed with a Photovac photoionization detector (PID). The soil sample, with the highest PID reading was sent to the laboratory for VOC analysis.

Each of the monitoring wells were installed through hollow stem augers (Figure 2). The casing and screens were two inch inner diameter schedule 40 PVC. The casings and screens were connected by threading. The length of each screen is ten feet with # 10 slot size. The filter pack is composed of clean, well rounded 0.5mm quartz and extends to two feet above the filter pack. Bentonite pellets extend two feet above the filter pack. Grout (5% bentonite, 95% cement) extends from the bentonite pellets to three feet below the ground surface. Cement extends from the grout to the surface of the ground. All of the wells, except MW-4D, have outer protective casings composed of metal and have hinged locked caps. MW-4D is flush mounted with a bolted outer cap. All of the inner casings have lock caps.

The wells were developed, in the order in which they were installed, at least 48 hours after installation. They were developed by using a teflon bailer to surge and remove the water from the well. After three well-volumes of water

TABLE 4. Work Performance Summary, Granville Solvents, Feb,1991 - June, 1992, Granville, Ohio.

Task	Date completed
Backfill of Tank Excavation Site	2/25/91
Removal & Disposal of Empty Drums	2/26/91
Decontamination of Tanks	3/01/91
Pulling Water Well	3/02/91
Removal & Disposal of Hazardous Waste Drums	3/5,3/6,3/7,3/20/91
Removal & Disposal of Warehouse & Site Debris	3/07/91
Decontamination of Warehouse & Building	3/20/91
Sump Sampling	3/20/91
Site Restoration	3/26/91
Disposal of Nitric Acid Waste	4/05/91
Trailer Removal	4/09/91
Disposal of Sodium Cyanide	5/20/91
Bulking the Waste Water	6/12/91
Installation of Monitoring Wells MW-4D, MW-5, MW-7, and MW-7D	6/29/91
Development of Monitoring Wells MW-4D, MW-5, MW-7 and MW-7D	8/22/91
Sump Sampling 1-5 ft	8/28/91
Disposal of Water from Decon of 2 Bulk Storage Tanks	8/28/91
Disposal of Waste Solids & Decon Water from Floor Dirt & Iron Scale from Decon of Warehouse & Tank	9/03/91
Installation and Development of MW-6	9/30/91
Sampling of Floor Dirt, 2 ft Mark, NW Warehouse	9/30/91
Decontamination of Bulk Storage Tanks	10/10/91
Installation and Sampling of Piezometer 1	10/10/91
Survey of Monitoring Wells & Municipal Wells	10/10/91
Drawing of Site Map	10/25/91
Disposal of Sump Dirt and Water, Decon Water and Plastic, Development Water, & Soil Cuttings	6/22/92

Figure 1.

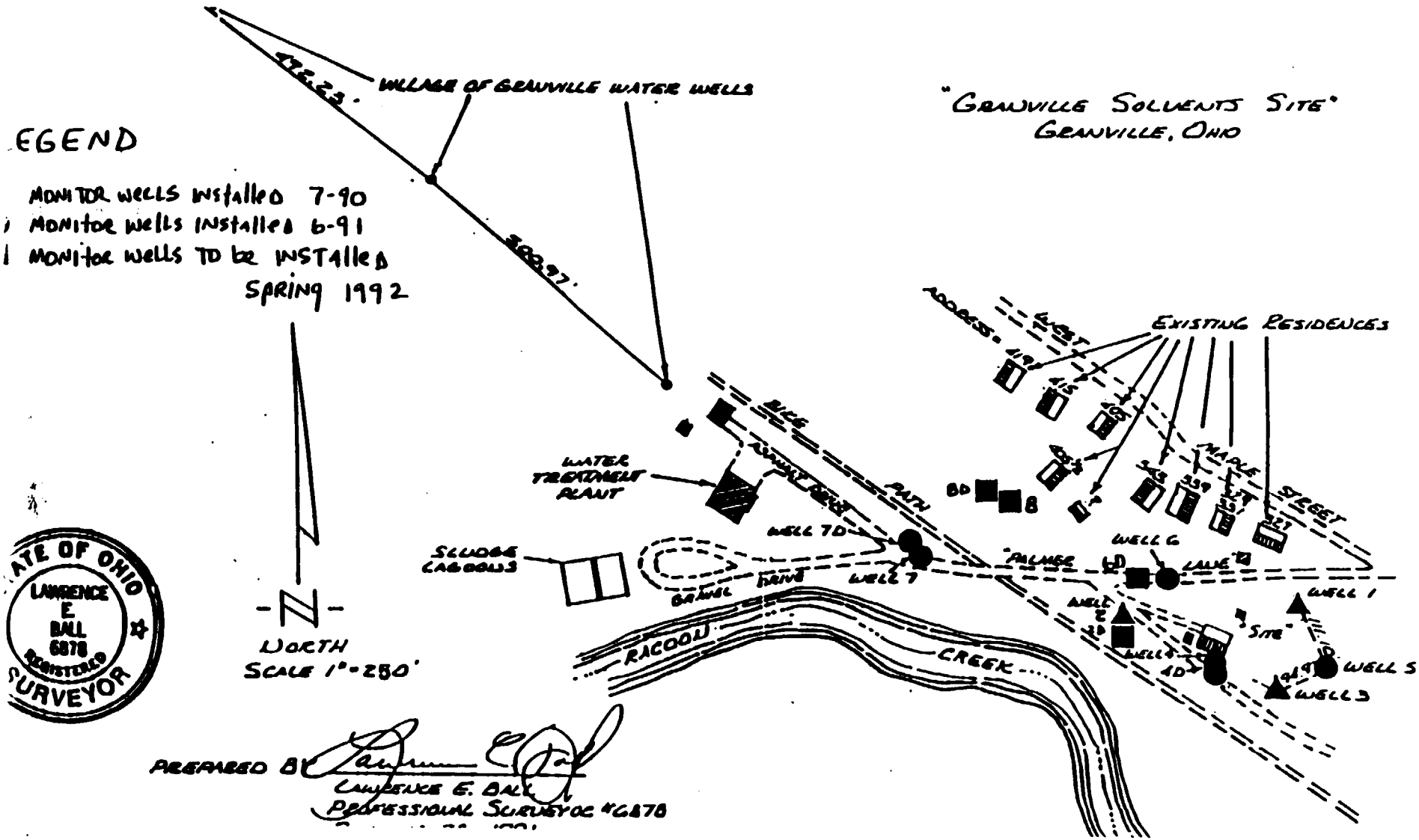
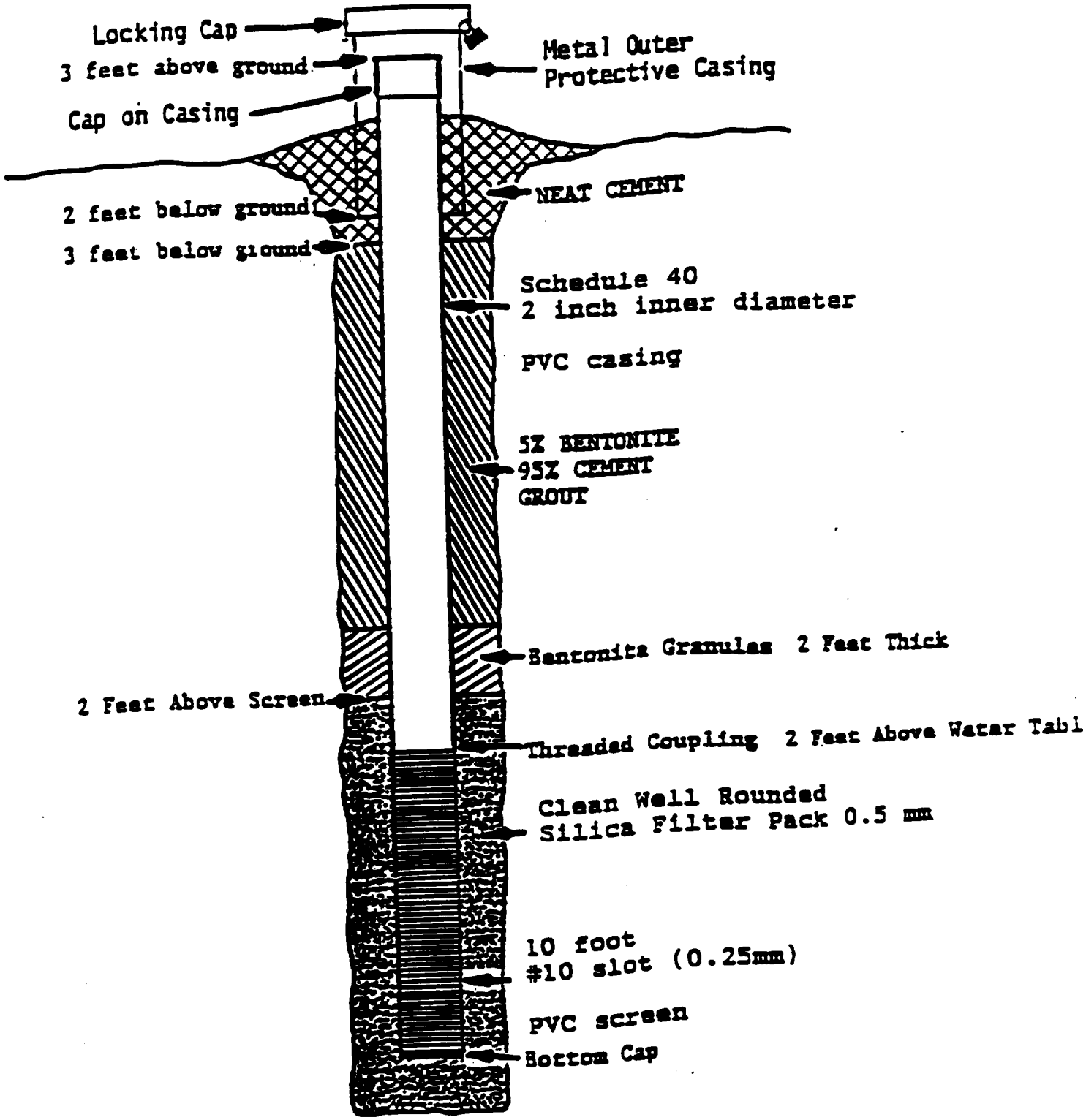

"GRANVILLE SOLVENTS SITE"
GRANVILLE, OHIO
EGEND
MONITOR WELLS INSTALLED 7-90
MONITOR WELLS INSTALLED 6-91
MONITOR WELLS TO BE INSTALLED SPRING 1992
VILLAGE OF GRANVILLE WATER WELLS
EXISTING RESIDENCES
WATER TREATMENT PLANT
SLUDGE LAGOONS
BIKE PATH
MAPLE STREET
WELL 7D
WELL 7
WELL 6
WELL 1
WELL 2
WELL 4D
WELL 5
WELL 3
SITE
RACOON CREEK
NORTH
SCALE 1"=250'
PREPARED BY
LAWRENCE E. BALL
PROFESSIONAL SURVEYOR #6878
STATE OF OHIO
LAWRENCE E BALL 6878 REGISTERED SURVEYOR

Figure 2. MONITOR WELL SPECIFICATIONS



were removed, 3 consecutive samples were collected and measured for pH, conductivity, temperature, and turbidity. Development was complete if turbidity was below 25 N.T.U's and if the variance in pH, conductivity, and temperature measurements were within 10% of each other. If the variance was greater than 10%, development continued with measurements taken every 2 well-volumes until pH, conductivity, and temperature had stabilized.

Decon water, soil cuttings, and development water resulting from the wells installation were containerized and stored in the warehouse until disposal.

3.2 Hydrogeology

Hydrogeologic information derived from the monitoring wells installation includes a description of the lithology of the site and an estimate of the groundwater flow patterns. The site geology, as interpreted from well logs (Appendix B), and surface and bedrock elevation maps, indicates that Raccoon Creek probably follows the course of a glacially-buried valley. The valley was cut into flat lying Mississippian age sandstones and shales, which can be seen cropping out on a hill approximately one quarter of a mile north of the site. The valley fill consists of gravel and sand outwash deposits layered with till deposits of clay which contain sand, silt and gravel. Glacial deposits in the Raccoon Creek valley near the Granville area have been found up to 200 feet deep.

3.2.1 Stratigraphic Analysis

The well logs indicate a highly variable aquifer (see Columnar Section, Appendix B). This is best illustrated by the lithology found at MW-7 and MW-7D. The wells are only 7-10 ft. apart and show considerable variability in lithology. This is very typical of glaciofluvial deposits. Some general trends can be seen in logs 4D and 5, however. Both show silt and sand deposits from the surface down to two gravel layers which are divided by a few feet of silt. These types of glacial deposits seem very heterogeneous lithologically, but can act very homogeneous, hydrogeologically. This is because all of the deposits are poorly sorted and contain an appreciable amount of fine particles.

3.2.2 Groundwater Flow Direction

Monitoring well elevations were surveyed and groundwater elevations determined from the surveyed well casings. The groundwater elevations are representative of data collected on five occasions (Table 5). Groundwater surface elevation

TABLE 5. Groundwater Elevations in Monitoring Wells, Granville Solvents, 1991-1992.

WELL	DATES 1-30-91 MSL	4-5-91 MSL	10-8-91 MSL	1-22-91 MSL	2-14-92 MSL
MW-2 TOC=931.02	901.24	901.07	896.76	896.69	897.37
MW-2 TOC=924.54	901.22	900.99	DRY	DRY	896.96
MW-3 TOC=918.07	911.56	911.37	903.50	908.86	910.86
MW-4 TOC=917.35	902.2	902.34	897.04	896.99	897.64
MW-4D TOC=917.16			896.77	896.72	897.41
MW-5 TOC=922.15			896.77	896.76	897.78
MW-6 TOC=936.85			896.67	896.60	897.31
MW-7 TOC=918.36			896.51	896.36	897.14
MW-7D TOC=918.68			896.52	896.35	897.13

NOTE: TOC = TOP OF CASING
MSL = GROUNDWATER ELEVATION

plots reveal a northwesterly movement of groundwa[illegible] igure 3). The flow direction appears to be influenced [illegible] the depressed groundwater table in the area of the [illegible]ipal wells due to their pumping.

3.3 Chemical Contamination

3.3.1 Soil Cuttings, Boreholes MW-4D, MW-5, MW-6, MW-7, MW-7D

During the installation of MW-4D, MW-5, MW-6, MW-7, and MW-7D, continuous split-spoon samples were monitored with a photoionization detector (PID) for total organic vapors. The PID detection limit is 1 part per million. Soil samples from all wells, except MW-4D were non-detectable. Soil samples from MW-4D had detectable amounts of organic vapors from the surface to 14 ft. The highest levels of organic vapors (25 ppm) were found in the 2-4 ft. sample.

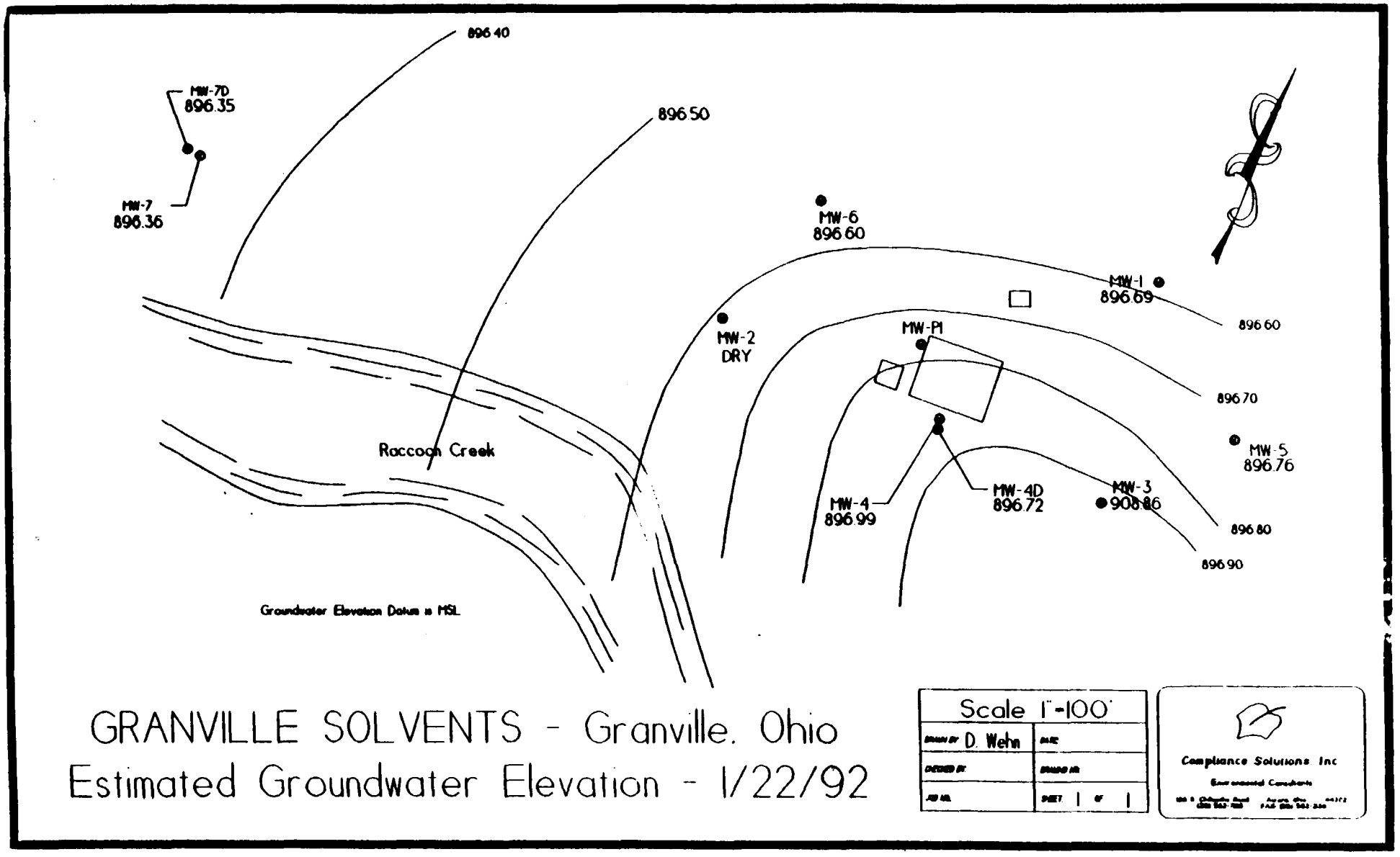
Laboratory analysis of the 2-4 ft. soil sample from MW-4D (Table 6) indicates the presence of Tetrachloroethene (161.59 ppb), 1,1,2-Trichloroethane (155.22 ppb), Trichloroethene (155.22), and Xylenes (43.3 ppb).

One soil sample from each of the remaining monitoring wells was sent to the laboratory to be analyzed for volatile organic compounds. Since none of the samples had detectable PID measurements, the first sample encountered in the saturated zone was sent to the laboratory. All of these samples were non-detect or below the detection limit for the compounds analyzed (Volatile Organics, EPA Method [illegible]).

3.3.2 Warehouse, Northeast Corner

During the week of June 23-28, 1991, Compliance Solutions, Inc., was asked by the OEPA to take soil samples at 3, 5', and 10' depths into the ground below the warehouse floor at the location of the sump in the northeast corner of the warehouse. In an attempt to do this, the sampling device hit concrete two feet into the sludge in the sump. A sample was not taken since analytical information was already available from the surface to 2 feet. The OEPA advised Compliance Solutions, Inc. to pump the standing water and remove the sludge from the sump at the next possible date. On Sept. 17, 1992, (time delay was due to contract constraints) Compliance Solutions, Inc. began to remove the 2' of sludge from the sump and encountered pieces of concrete blocks with 3-5 inch gaps between the pieces. The apparent "bottom" to the sump would have been ineffective in preventing contaminants from leaching into the soil below the warehouse floor. The concrete block pieces were removed and soil samples were taken and analyzed from the 2' level and 5' level.

Figure 3.



GRANVILLE SOLVENTS - Granville, Ohio
Estimated Groundwater Elevation - 1/22/92

Table 6. Concentrations of Volatile Organic Compounds in in Soil Cuttings (ug/Kg), Wells 4D, 5, 6, 7, 7D.

Compound	MW-4D	MW-5	MW-6	MW-7	MW-7D
1,2-DICHLOROETHANE	BDL	BDL	NA	0.0076	BDL
STYRENE	BDL	BDL	NA	0.00727	BDL
TETRACHLOROETHENE	161.59	BDL	NA	BDL	BDL
1,1,2-TRICHLOROETHANE	40.92	BDL	NA	BDL	BDL
TRICHLOROETHENE	155.22	BDL	NA	BDL	BDL
TOTAL XYLENES	43.30	BDL	NA	BDL	BDL

BDL= BELOW DETECTION LIMIT

Both soil samples showed high levels of contamination. Volatile organic compounds were present in concentrations ranging from 1-18 ppm (Table 3). Semivolatiles were indicated at 1-17 ppm, and pesticides at .7 ppm.

3.3.3 Warehouse, Northwest Corner

On Oct. 3, 1991, during a routine safety check of the Granville Solvents warehouse, the HSO detected organic vapors at 200 ppm (using a Photovac PID), in the northwest corner of the warehouse. The northwest corner floor is dirt, so a soil sample was taken 18" below the surface and analyzed for volatile organics, semivolatile organics, pesticides, herbicides, metals, and cyanide.

Volatile organics were present at concentrations ranging from 3 ppm to 300 ppm (Table 7). Semivolatiles at 6 ppm, and pesticides from 6 ppm to 437 ppm.

On Oct. 10, 1991, a piezometer, P1, was installed outside the warehouse door, downgradient from the contaminated northwest corner. During the installation, soil cuttings were analyzed for organic vapors using a photoionization detector. Soils were shown to be contaminated from the surface (225 ppm) to 28 ft. (3 ppm). The surface contamination was the highest, with decreasing levels from 2-28 ft., generally. There was a notable rise in contaminants in the 20 ft. sample, located just above the saturated zone. See Soil Boring Log, P1, Appendix B, for specific PID readings.

Soil samples from 3', 20' and 26' depths, P1 borehole, were sent to the laboratory for analysis of volatile organic compounds. Results indicate part per million levels of total VOC's (Table 8) at each level and in the groundwater.

3.3.4. Groundwater Samples

The OEPA sampled the monitoring wells at Granville Solvents on four occasions. Two of the sampling events (Jan.30, 1991 & Mar. 26, 1991) were of the four monitoring wells installed prior to the wells described in this report and two of the sampling events (Oct.8, 1991 & Jan. 22, 1992) included all nine monitoring wells.

The four monitoring wells which were sampled on Jan. 30, 1991 and March 26, 1991, showed the presence of VOC's in the groundwater of every well (Tables 9-10). Of the 4 groundwater samples, those from MW-4, near the warehouse, were contaminated with the highest quantities of volatile

TABLE 7. Concentrations of Metals & Cyanide (ppb) in Soil 18" below Surface, Northwest Corner Warehouse.

CONTAMINANT	CONCENTRATION (ug/Kg)
ALUMINUM	100,000
ARSENIC	2325
BARIUM	60,000
BERYLLIUM	500
CADMIUM	400
CHROMIUM	7600
COBALT	9300
COPPER	16,000
IRON	290,000
LEAD	10,000
MANGANESE	335,000
MERCURY	5910
NICKEL	26,000
THALLIUM	1000
VANADIUM	31,000
ZINC	34,000
CYANIDE	30
BENZENE	3800
CIS-1,2-DICHLOROETHENE	3630
ETHYLBENZENE	[illegible]
METHYLENE-CHLORIDE	[illegible]
TETRACHLOROETHENE	[illegible]
TOLUENE	160,600
1,1,1-TRICHLOROETHANE	242,900
TRICHLOROETHENE	202,300
TOTAL XYLENES	297,300
NAPHTHALENE	6060
ALPHA-BHC	623
BETA-BHC	436,700

TABLE 8. Concentration of Contaminants (ppb) in Soil Cuttings, 3', 20', 26', and in Groundwater.(P1)

Contaminants	3'	20'	26'	GROUNDWATER
2-BUTANONE	BDL	BDL	BDL	398
1,1-DICHLOROETHANE	BDL	BDL	221	344
CIS-1,2-DICHLOROETHENE	117	406	187.6	328
ETHYLBENZENE	552	BDL	BDL	BDL
STYRENE	516	BDL	BDL	BDL
TETRACHLOROETHENE	177.3	226.9	2254	1628
TOLUENE	231	BDL	BDL	BDL
1,1,1-TRICHLOROETHANE	393	1963	1368	1635
TRICHLOROETHENE	1840	1132	2742	2577
TOTAL XYLENES	88	BDL	BDL	BDL

BDL=BELOW DETECTION LIMIT

TABLE 9.

GRANVILLE SOLVENTS
Summary Table of Volatile Organic Compounds (ppb) in Groundwater
Samples Collected on January 30, 1991.

Compound	Monitoring Well Number														
	MW-1	DUP	MW-2	MW-3	MW-4	MW-4D	MW-4D2	MW-5	MW-6	MW-6D	MW-7	MW-7D	MW-8	MW-8D	P-1
BENZENE	----	----	-----	BDL	-----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	BDL	BDL	BDL	3.0	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	32	35	40	4.7	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	106	109	52	----	79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	----	----	412	5.9	90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRANS1,2-DICHLOROETHENE	----	----	13	----	-----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	95	95	65	0.6	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	630	1160	600	1.8	850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	----	----	-----	----	-----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	389	369	54	19.9	3040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	----	----	-----	1.2	-----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

BDL - BELOW DETECTION LIMIT
>- CONCENTRATION EXCEEDS CALIBRATION RANGE OF GC/MS
NA- NOT SAMPLED (NOT INSTALLED)

TABLE 10.

GRANVILLE SOLVENTS

Summary Table of Volatile Organic Compounds (ppb) in Groundwater

Samples Collected on March 26, 1991.

Compound	Monitoring Well Number														
	MW-1	MW-2	DUP	MW-3	MW-4	MW-4D	MW-4D2	MW-5	MW-6	MW-6D	MW-7	MW-7D	MW-8	MW-8D	P-1
BENZENE	----	----	-----	----	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON DISULFIDE	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CARBON TETRACHLORIDE	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROETHANE	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHLOROFORM	BDL	6.0	6.0	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHANE	28	59	60	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-DICHLOROETHENE	83	74	71	BDL	54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIS-1,2-DICHLOROETHENE	BDL	897	770	BDL	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRANS1,2-DICHLOROETHENE	BDL	23	23	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TETRACHLOROETHENE	110	172	163	BDL	322	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOLUENE	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	1020	1060	962	BDL	942	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-TRICHLOROETHANE	----	----	-----	----	-----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	349	950	872	20	2640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRICHLOROFLUOROMETHANE	----	5	5	----	-----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	----	----	-----	----	----	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL XYLENES	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

BDL - BELOW DETECTION LIMIT

NA- NOT INSTALLED

organic compounds (VOC's).

On October 8, 1991 and January 30, 1992, all nine monitoring wells were sampled and analyzed (Tables 11-12). MW-4 and MW-4D, the two closest to the warehouse, have the highest concentrations of VOC's in the groundwater. The monitoring well closest to the wellfield, MW-7, was found to have total VOC's between 3 ppb and 5 ppb. MW-7D, adjacent to MW-7, has no detectable levels of VOC's. Upgradient from the warehouse, MW-1 has shown the presence of VOC's in levels >1 ppm, consistently, since sampling began (January,1991). Further upgradient, MW-5, has shown no detectable amount of contamination on two sampling events.

The most notable change in groundwater contamination throughout the period of sampling has been in MW-6, located downgradient from the warehouse and upgradient from the Granville Municipal Wellfield. At the time it was first sampled, October, 1991, groundwater at MW-6 had detectable amounts of Cis-1,2-DCE (8.5 ppb), and PCE (9.8 ppb). During the second sampling event, January, 1992, PCE was detected at 27 ppb, TCE at 1100 ppb, and 1,1,1-TCA at 2300 ppb. The three month period between the two sampling events resulted in an increase of, approximately, 2400 ppb, total VOC's and the addition of two new compounds.

3.3.5 Plume Migration

The chemical data, heretofore, show that the plume is migrating from the area of the warehouse, in a northwesterly direction, toward the Village of Granville Wellfield (Figure 4).

The plume is characterized by a number of volatile organic compounds. The compounds which occur most frequently and in the highest concentrations in the groundwater at and around Granville Solvents are:

Tetrachloroethene (PCE)
1,1,1-Trichloroethane (1,1,1-TCA)
Trichloroethene (TCE)
1,1-Dichloroethane (1,1-DCA)
1,1-Dichloroethene (1,1-DCE)
Cis 1,2-Dichloroethene (Cis 1,2-DCE)

All of the above compounds have been detected in the groundwater at MW-4 and MW-4D (Tables 13-18). Three of these compounds have been found in MW-6: Tetrachloroethene, Trichloroethene, and 1,1,1-Trichloroethane. Throughout the sampling period, PCE and TCE are found at fairly consistent concentrations in MW-4 and MW-4D. 1,1,1-TCA and 1,1-DCA increase in concentration in MW-4 when comparing early 1991 sampling events with analyses from samples collected in October, 1991 and January, 1992. However, in the groundwater

TABLE 11.

GRANVILLE SOLVENTS
Summary Table of Volatile Organic Compounds (ppb) in Groundwater
Samples Collected on October 8, 1991.

Compound	Monitoring Well Number														
	MW-1	MW-2	MW-2D	MW-3	MW-4	MW-4D	MW-4D2	MW-5	MW-6	MW-6D	MW-7	MW-7D	MW-8	MW-8D	P-1
BENZENE	BDL	NS	NA	BDL	1.2	0.7	NA	BDL	BDL	NA	BDL	BDL	NA	NA	NA
CARBON DISULFIDE (TIC)	BDL	NS	NA	BDL	BDL	BDL	NA	BDL	BDL	NA	BDL	5.9	NA	NA	NA
CARBON TETRACHLORIDE	BDL	NS	NA	BDL	1.2	BDL	NA	BDL	BDL	NA	BDL	BDL	NA	NA	NA
CHLOROETHANE	BDL	NS	NA	BDL	1.1	1.8	NA	BDL	BDL	NA	BDL	BDL	NA	NA	NA
CHLOROETHENE (TIC)	BDL	NS	NA	BDL	BDL	1.0	NA	BDL	BDL	NA	BDL	BDL	NA	NA	NA
CHLOROFORM	BDL	NS	NA	BDL	3.5	1.5	NA	BDL	0.5*	NA	BDL	BDL	NA	NA	NA
1,1-DICHLOROETHANE	>74	NS	NA	6.5	61	68	NA	BDL	4.7*	NA	BDL	BDL	NA	NA	NA
1,1-DICHLOROETHENE	>71	NS	NA	1.1	16.7	9.6	NA	BDL	>90	NA	BDL	BDL	NA	NA	NA
CIS-1,2-DICHLOROETHENE	0.7	NS	NA	3.9	76	1070	NA	BDL	8.5	NA	1.3	BDL	NA	NA	NA
TRANS1,2-DICHLOROETHENE	BDL	NS	NA	BDL	1.7	20	NA	BDL	BDL	NA	BDL	BDL	NA	NA	NA
TETRACHLOROETHENE	38.2	NS	NA	1.1	268	840	NA	BDL	9.8	NA	1.6	BDL	NA	NA	NA
1,1,1-TRICHLOROETHANE	BDL	NS	NA	3.3	1650	910	NA	BDL	BDL	NA	1.0	BDL	NA	NA	NA
1,1,2-TRICHLOROETHANE	BDL	NS	NA	BDL	0.5	0.5	NA	BDL	BDL	NA	BDL	BDL	NA	NA	NA
TRICHLOROETHENE	>102	NS	NA	27.6	3140	1180	NA	BDL	>148	NA	3.9	BDL	NA	NA	NA
TRICHLOROFLUOROMETHANE	BDL	NS	NA	BDL	6.1	2.9	NA	BDL	BDL	NA	BDL	BDL	NA	NA	NA
VINYL CHLORIDE	BDL	NS	NA	BDL	BDL	5.4	NA	BDL	BDL	NA	BDL	BDL	NA	NA	NA

*= UNCONFIRMED
BDL= BELOW DETECTION LIMIT
>= CONCENTRATION EXCEEDS CALIBRATION RANGE OF GC/MS
TIC= TENTATIVELY IDENTIFIED COMPOUND FROM VOC LIBRARY
NS= NOT SAMPLED (INSUFFICIENT WATER)
NA= NOT YET INSTALLED

NOTE: RESULTS FOR MW-4 IN THIS TABLE ARE FROM SAMPLE MW-4A (DUPLICATE) BECAUSE MUCH OF MW-4 DATA IS EITHER UNCONFIRMED OR THE CALIBRATION RANGE OF THE INSTRUMENT WAS EXCEEDED.

TABLE 12.

GRANVILLE SOLVENTS

Summary Table of Volatile Organic Compounds (ppb) in Groundwater

Samples Collected on January 22, 1992.

Compound	Monitoring Well Number														
	MW-1	MW-2	MW-2D	MW-3	MW-4	MW-4D	MW-4D2	MW-5	MW-6	MW-6D	MW-7	MW-7D	MW-8	MW-8D	P-1
BENZENE	<25	NS	NA	<5	<100	<25	NA	<5	<5	NA	<5	<5	NA	NA	NA
CARBON DISULFIDE	<25	NS	NA	<5	<100	<25	NA	<5	<5	NA	<5	26	NA	NA	NA
CARBON TETRACHLORIDE	<25	NS	NA	<5	<100	<25	NA	<5	<5	NA	<5	<5	NA	NA	NA
CHLOROETHANE	<25	NS	NA	<10	<200	<50	NA	<10	<10	NA	<10	<10	NA	NA	NA
CHLOROFORM	<25	NS	NA	<5	<100	<25	NA	<5	3J	NA	<5	<5	NA	NA	NA
1,1-DICHLOROETHANE	160	NS	NA	4J	200	120	NA	<5	4J	NA	3J	<5	NA	NA	NA
1,1-DICHLOROETHENE	<25	NS	NA	<5	<200	<25	NA	<5	13	NA	<5	<5	NA	NA	NA
CIS-1,2-DICHLOROETHENE	---	NS	NA	---	---	---	NA	----	-----	NA	----	-----	NA	NA	NA
TRANS1,2-DICHLOROETHENE	<25	NS	NA	<5	<100	15J	NA	<5	<5	NA	<5	<5	NA	NA	NA
TETRACHLOROETHENE	70	NS	NA	<5	180	960	NA	2J	27	NA	<5	<5	NA	NA	[illegible]
TOLUENE	<25	NS	NA	<5	<100	<25	NA	<5	<5	NA	3J	<5	[illegible]	[illegible]	[illegible]
1,1,1-TRICHLOROETHANE	990	NS	NA	2J	2200	740	NA	<5	23	NA	8	[illegible]	[illegible]	NA	[illegible]
1,1,2-TRICHLOROETHANE	<25	NS	NA	<5	<100	<25	NA	<5	<5	NA	<5	[illegible]	[illegible]	NA	[illegible]
TRICHLOROETHENE	260	NS	NA	12	3100	[illegible]	NA	<5	1100	NA	[illegible]	[illegible]	[illegible]	NA	[illegible]
VINYL CHLORIDE	<50	NS	NA	<10	<200	<50	NA	<10	<10	NA	<10	<10	NA	NA	NA
TOTAL XYLENES	<25	NS	NA	<5	<100	<25	NA	<5	<5	NA	<5	6J	NA	NA	[illegible]

< - BELOW DETECTION LIMIT

NA- NOT YET INSTALLED

J- DETECTED AT LESS THAN LIMIT OF PRACTICAL QUANTITATION

NS- NOT SAMPLED (INSUFFICIENT WATER)

NOTE: MUNICIPAL WELL #1 WAS ALSO SAMPLED FOR VOC's ON 8260 LIST; RESULTS INDICATE ALL COMPOUNDS ARE NON-DETECT

Figure 4.

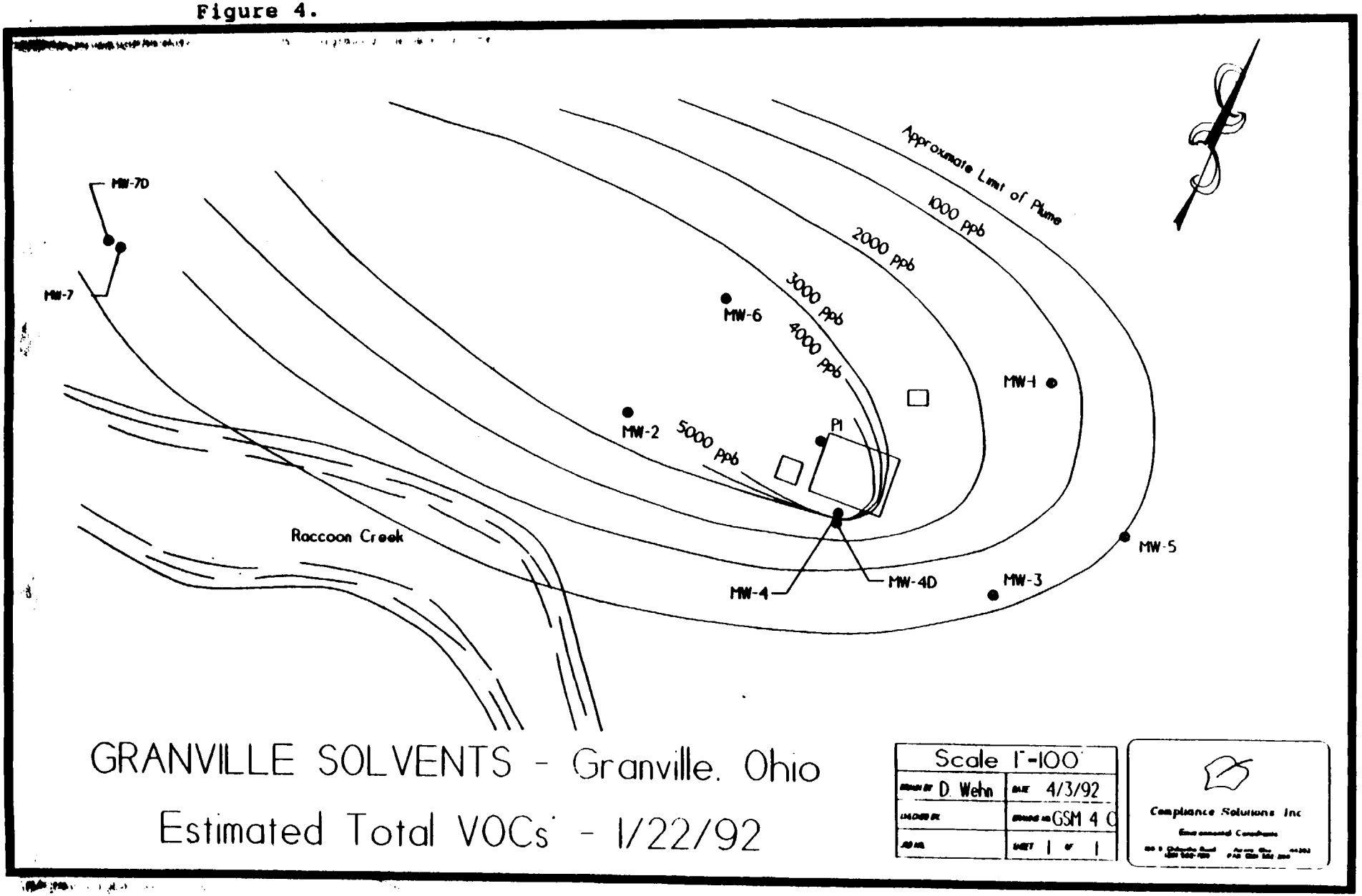

Approximate Limit of Plume
1000 ppb
2000 ppb
3000 ppb
4000 ppb
5000 ppb
MW-7D
MW-7
MW-6
MW-2
MW-1
PI
MW-5
MW-3
MW-4D
MW-4
Raccoon Creek
GRANVILLE SOLVENTS - Granville, Ohio
Estimated Total VOCs - 1/22/92
Scale 1"=100'
D. Wehn
4/3/92
GSM 4 0
1 of 1
Compliance Solutions Inc

TABLE 13. Concentration (ppb) of Tetrachloroethene in Groundwater, MW-4D, MW-6, and MW-7, 1991-1992, Granville, OH.

WELL NUMBER	DATES			
	JAN 30,91 (ppb)	MAR 26,91 (ppb)	OCT 8, 91 (ppb)	JAN 22, 92 (ppb)
MW-4	360	322	268	180
MW-4D	NA	NA	840	960
MW-6	NA	NA	9.8	27
MW-7	NA	NA	BDL	<5

TABLE 14. Concentration (ppb) of 1,1,1-Trichloroethane in Groundwater, MW-4, MW-4D, MW-6, and MW-7, 1991-1992, Granville, OH.

WELL NUMBER	DATES			
	JAN 30,91 (ppb)	MAR 26,91 (ppb)	OCT 8, 91 (ppb)	JAN 22, 92 (ppb)
MW-4	850	942	1650	2200
MW-4D	NA	NA	910	740
MW-6	NA	NA	BDL	2300
MW-7	NA	NA	BDL	<5

TABLE 15. Concentration (ppb) of Trichloroethene in Groundwater, MW-4, MW-4D, MW-6, and MW-7, 1991-1992, Granville, OH.

WELL NUMBER	DATES			
	JAN 30,91 (ppb)	MAR 26,91 (ppb)	OCT 8, 91 (ppb)	JAN 22, 92 (ppb)
MW-4	3040	2640	3140	3100
MW-4D	NA	NA	1180	690
MW-6	NA	NA	>148	1100
MW-7	NA	NA	BDL	<5

NA= NOT APPLICABLE (NOT INSTALLED)
BDL= BELOW DETECTION LIMIT

TABLE 16. Concentration (ppb) of 1,1-Dichloroethane in Groundwater, MW-4D, MW-6, and MW-7, 1991-1992, Granville, OH.

WELL NUMBER	DATES			
	JAN 30,91 (ppb)	MAR 26,91 (ppb)	OCT 8, 91 (ppb)	JAN 22, 92 (ppb)
MW-4	10	BDL	61	200
MW-4D	NA	NA	88	120
MW-6	NA	NA	4.7*	4J
MW-7	NA	NA	BDL	<5

*= RESULTS ARE UNCONFIRMED
J= COMPOUND DETETCTED AT LESS THAN LIMIT OF PRACTICAL QUANTITATION

TABLE 17. Concentration (ppb) of 1,1-Dichloroethene in Groundwater, MW-4, MW-4D, MW-6, and MW-7, 1991-1992, Granville, OH.

WELL NUMBER	DATES			
	JAN 30,91 (ppb)	MAR 26,91 (ppb)	OCT 8, 91 (ppb)	JAN 22, 92 (ppb)
MW-4	75	54	16.7	<200
MW-4D	NA	NA	9.6	<25
MW-6	NA	NA	>90	13
MW-7	NA	NA	BDL	<5

TABLE 18. Concentration (ppb) of Cis-1,2-Dichloroethene in Groundwater, MW-4, MW-4D, MW-6, and MW-7, 1991-1992, Granville, OH.

WELL NUMBER	DATES			
	JAN 30,91 (ppb)	MAR 26,91 (ppb)	OCT 8, 91 (ppb)	JAN 22, 92 (ppb)
MW-4	90	49	76	NOL
MW-4D	NA	NA	1070	NOL
MW-6	NA	NA	8.5	NOL
MW-7	NA	NA	1.3	NOL

NA= NOT APPLICABLE (NOT INSTALLED)
BDL= BELOW DETECTION LIMIT NOL= NOT ON 8260 LIST

at MW-6, the concentrations of PCE, TCE, and 1,1,1-TCA, and 1,1-DCA, show a significant increase between October 8, 1991 and January 22, 1992. Concentrations of 1,1-DCE decrease, over time, in both MW-4 and MW-6. Concentrations of Cis-1,2-DCE remain constant in MW-4 from January to October, 1991. Graphical representations of the changing concentrations of compounds discussed above are in Figures 5-10.

The plume map (Figure 4) was drawn from data obtained from the sampling event 1/22/92 (Table 12). Chemical concentrations represent total VOC concentrations. The plot was interpreted using the analytical data from 8 sampling points. From these data, the plume appears to have an area of highest contamination immediately surrounding the warehouse with concentrations tapering off to the northwest. The center of the plume appears to be near MW-6. The shape of the plume is consistent with the groundwater flow patterns determined by the groundwater elevation plots. This consistency indicates that the flow of groundwater is the major controlling influence on contaminant migration.

4.0 Summary

Compliance Solutions, Inc. completed all tasks associated with Mobilization Order 145-02 and related revisions by April, 1992. All hazardous waste, both stored by the owner of Granville Solvents, Inc., and generated during the site clean-up and wells installation, was disposed of by June 22, 1992 (Table 19).

FIGURE 5. Concentration of PCE (ppb) in MW4, MW4D, & MW6, 1-30-91 TO 1-22-92.

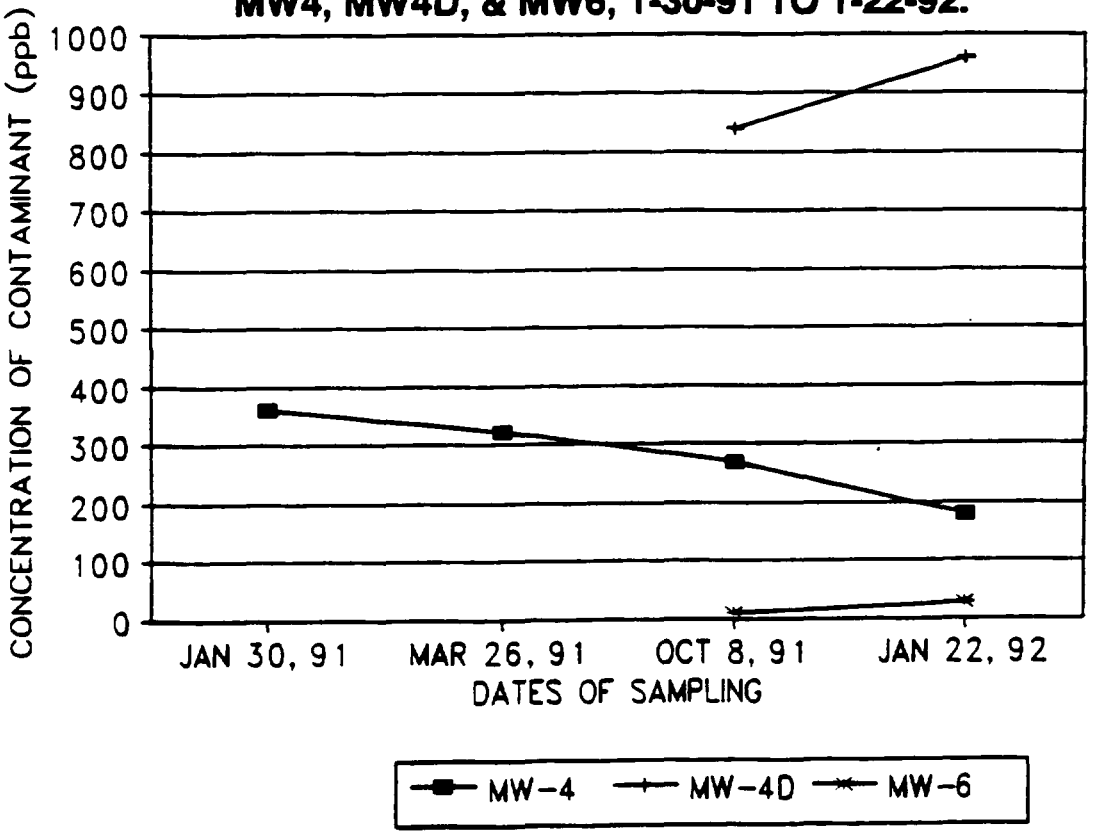


FIGURE 6. Concentration of TCE (ppb) in MW4,MW4D, & MW6, 1-30-91 TO 1-22-92.

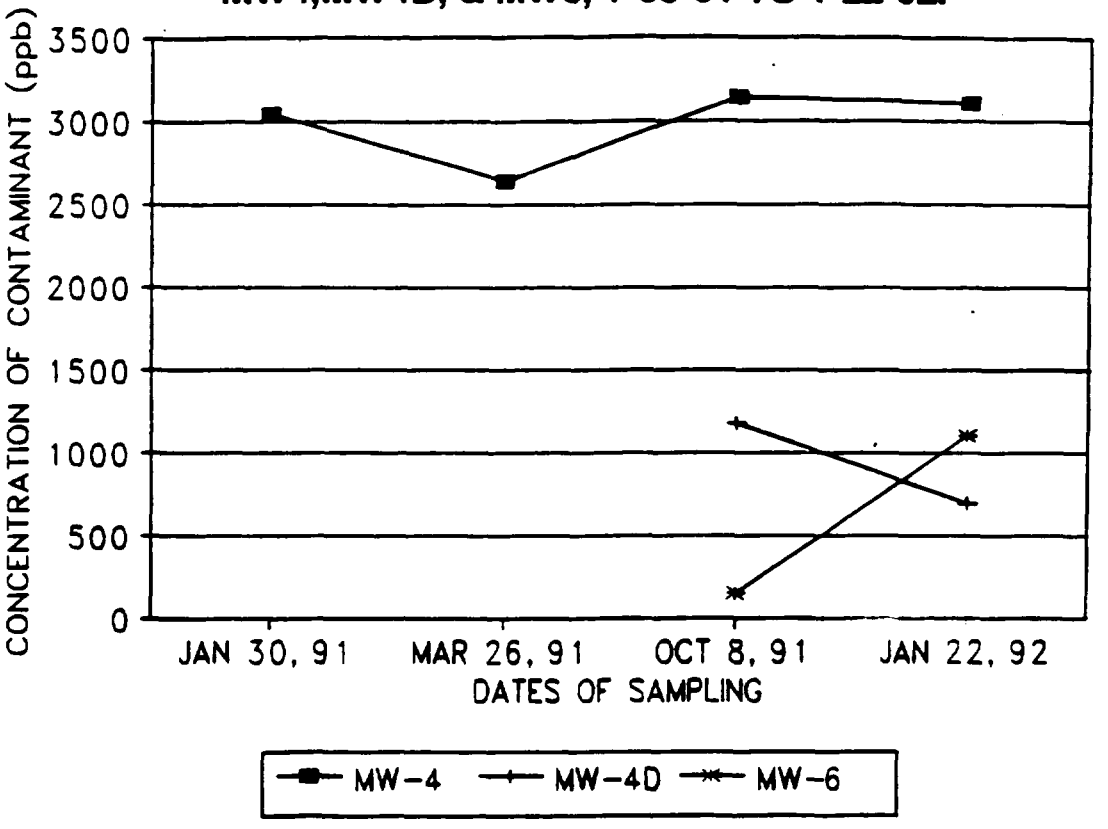


FIGURE 7. Concentration of 1,1,1-TCA in MW4,MW4D, & MW6, 1-30-91 TO 1-22-92.

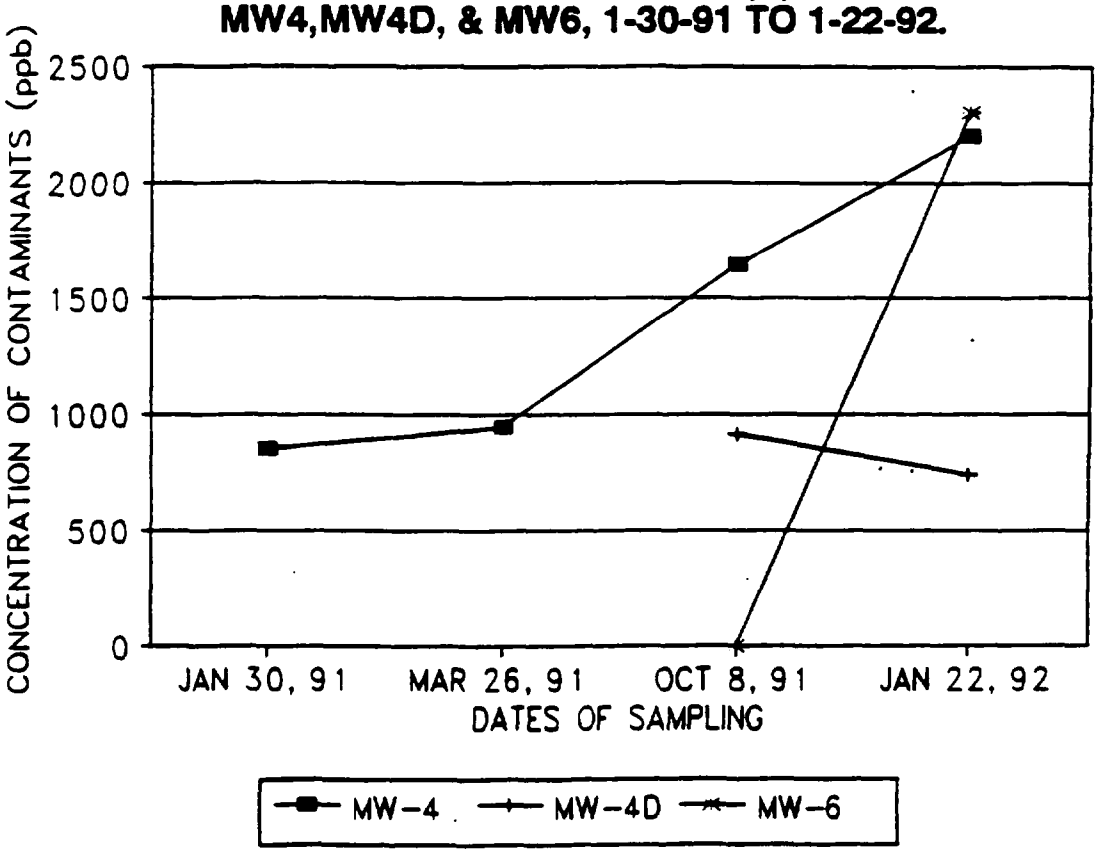


FIGURE 8. Concentration of 1,1-DCA in MW4,MW4D, & MW6, 1-30-91 TO 1-22-92.

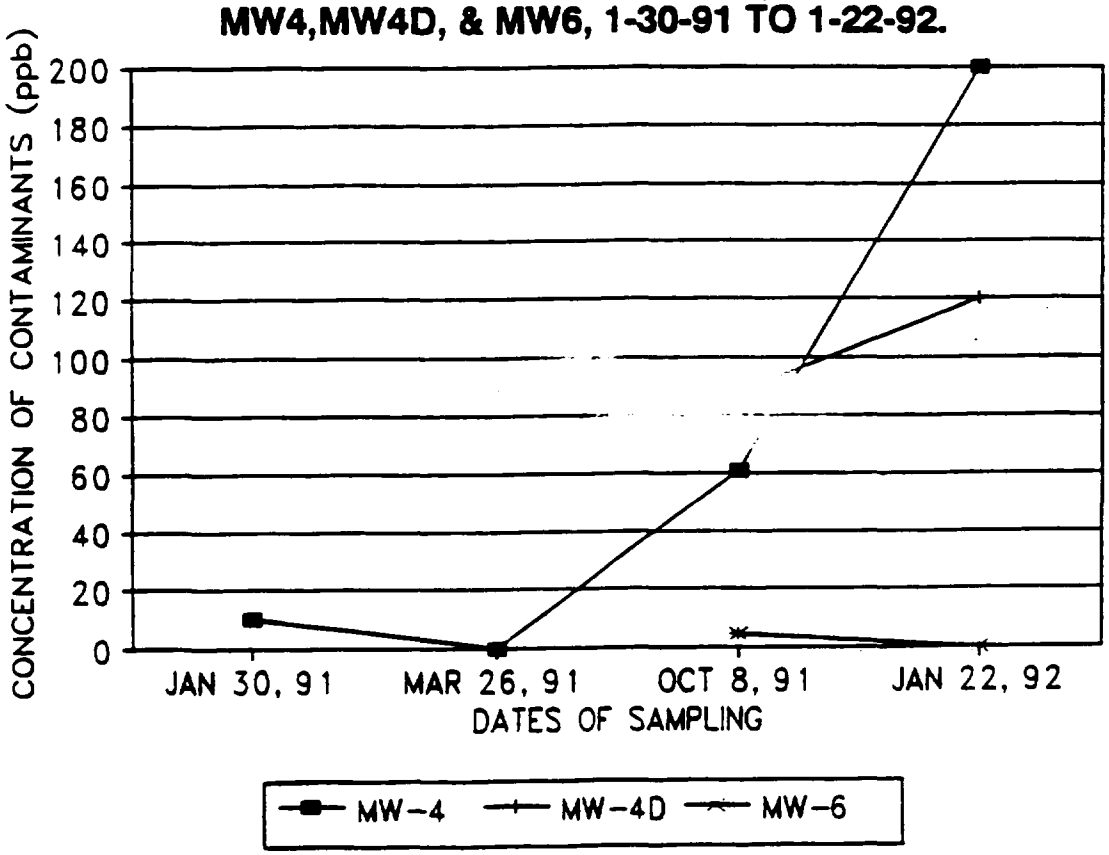


FIGURE 9. Concentration of 1,1-DCE in MW4,MW4D, & MW6, 1-30-91 TO 1-22-92.

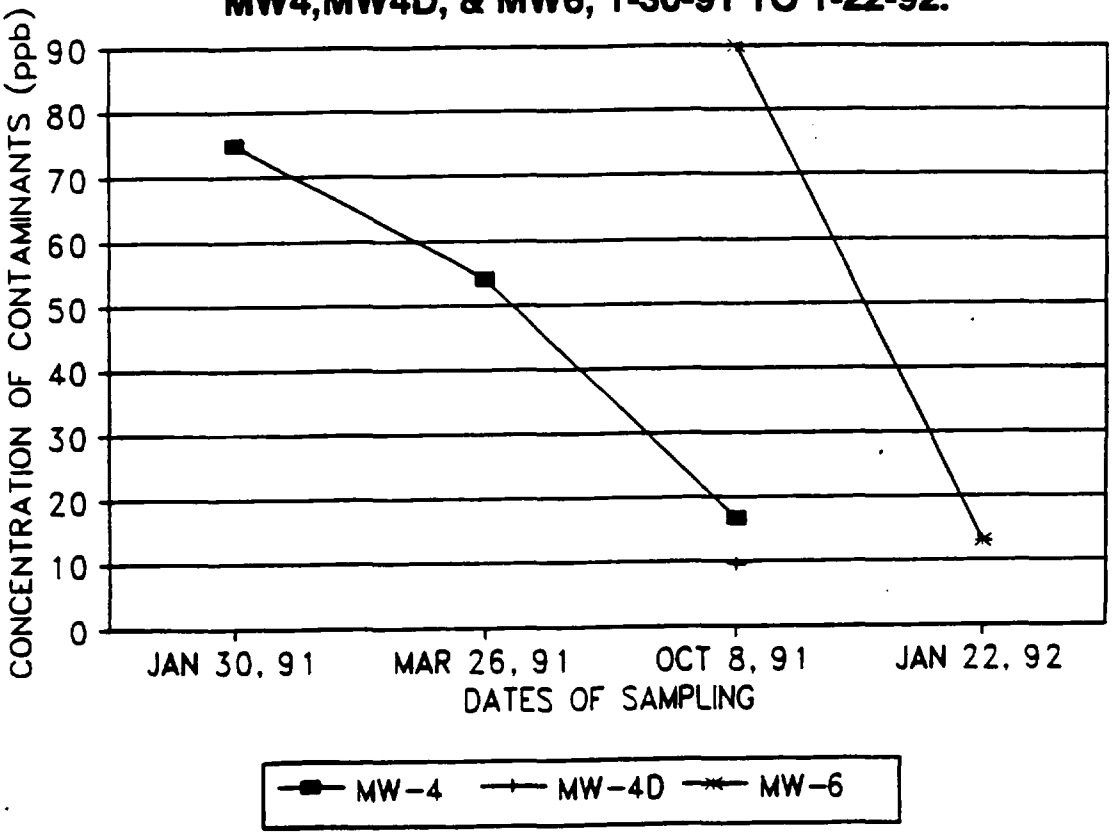


FIGURE 10. Concentration of cis-DCE in MW4,MW4D, & MW6, 1-30-91 TO 1-22-92.

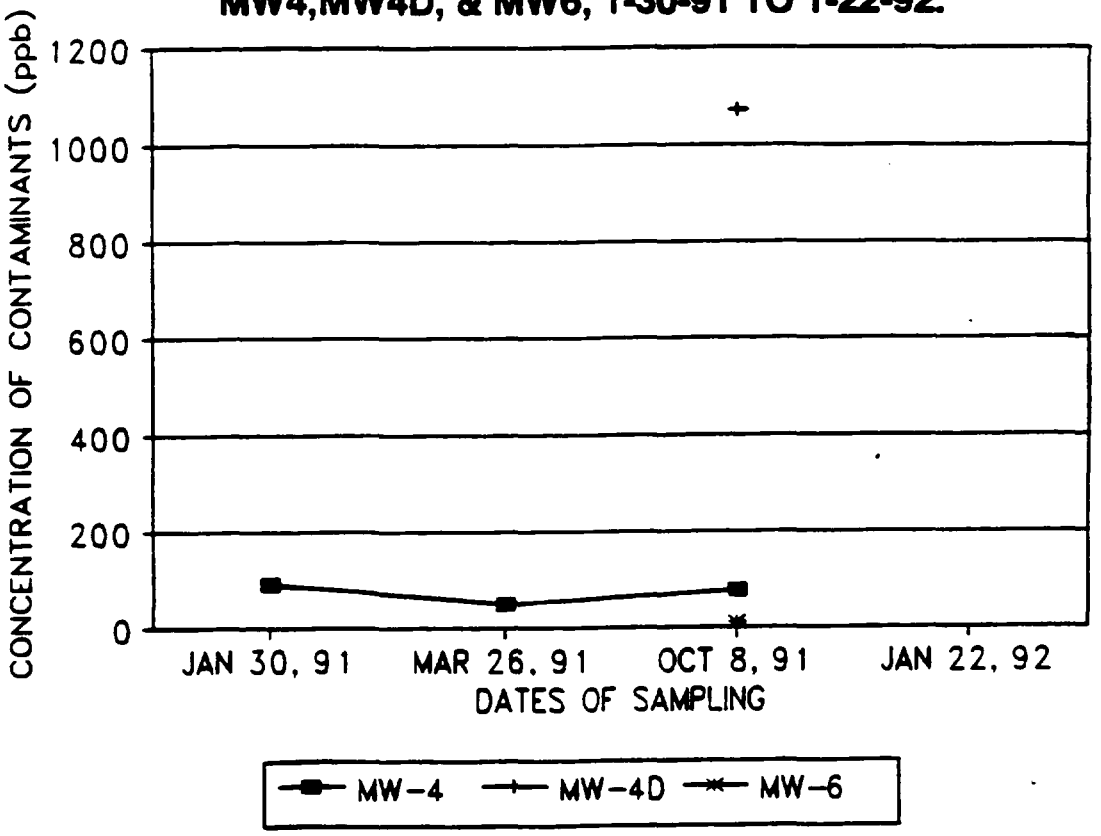


TABLE 19. Summary of Waste Disposal, March, 1991 through June, 1992, Granville, Ohio.

Waste	Quanity	Date Shipped
HAZARDOUS WASTE-LIQUID	70 DRUMS	3-05-91
HAZARDOUS WASTE-LIQUID	70 DRUMS	3-06-91
HARARDOUS WASTE-LIQUID	72 DRUMS	3-07-91
HAZARDOUS WASTE-LIQUID	13 DRUMS	3-20-91
WASTE NITRIC	1 GALLON	4-05-91
SODIUM CYANIDE	4 GALLONS	5-20-91
HAZARDOUS WASTE-LIQUID	665 GALLONS	8-28-91
HAZARDOUS WASTE-SOLID	7 DRUMS	9-03-91
WASTE WATER	35 GALLONS	10-01-91
HAZARDOUS WASTE-LIQUID	16 DRUMS	6-22-92
HAZARDOUS WASTE-SOLID	21 DRUMS	6-22-92

Appendix A.

DNR
MICHIGAN DEPARTMENT OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
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Required under authority of Act 54, P.A. 1979 as amended and Act 136, P.A. 1969

Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1969

Please print or type

Form Approved. OMB No. 2060-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: OHD004495412 — Manifest Document No.: 00010
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
OHIO EPA
1800 WATERMARK DR
Columbus, Ohio 43215

4. Generator's Phone (614) 644-2924

A. State Manifest Document Number: MI 2250510

B. State Generator's ID: OHD004495412

5. Transporter 1 Company Name: 7-7 INC., Wooster, OH
6. US EPA ID Number: OHD982075343

C. State Transporter's ID: OHD982075343

D. Transporter's Phone: 1-800-776-6073

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:
Petrochem
575 Lycaste
Detroit, Mich 48214

10. US EPA ID Number: MID980615298

G. State Facility's ID: MID980615298

H. Facility's Phone: 1-313-824-5846

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.	N/H
a.	X	HAZARDOUS WASTE LIQUID N.O.S. (F001, F002, F003, F005) NA 9189 ORM-E	58	DM	3190	9AL	F001, F002, F003, F005	
b.	X	HAZARDOUS WASTE LIQUID N.O.S. (F001, F003, F005) NA 9189 ORM-E	12	DM	660	9AL	F001 F003 F005	
c.								
d.								

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above: a/ / b/ / c/ / d/ /

Special Handling Instructions and Additional Information: Drums labelled 85 = 21750, Petrochem Approv'd
" " 86 = 21749, " " "

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.

If I am a large quantity generator, I certify that I have a 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 of 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 quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Dan Osterfeld — Signature: Dan Osterfeld — Date (Month Day Year): 03 05 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ronald A. Sabo — Signature: Ronald A. Sabo — Date (Month Day Year): 03 05 91

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name: John P. Comicode — Signature: John P. Comicode — Date (Month Day Year): 03 05 91

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: John P. Comicode — Signature: — Date (Month Day Year):

Form 8700-22 (Rev. 9/88) To be mailed by Michigan DNR

PR 5110 Rev. 4/90

DNR
MICHIGAN DEPARTMENT OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR ☐

Required under authority of Act 54, P.A. 1979, as amended and Act 136, P.A. 1969

Failure to file is punishable under Section 299.548 MCL or Section 10 of Act 136, P.A. 1969

Please print or type

Form Approved OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: OHD004495412 — Manifest Document No.: 00011
2. Page 1 — Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address:
OHIO EPA
1800 WATERMARK DR.
COLUMBUS, OH 43215

4. Generator's Phone (614) 644-2924

A. State Manifest Document Number: MI 2250512

B. State Generator's ID: OHD004495412

5. Transporter 1 Company Name: 7-7 INC. WOOSTER, Ohio
6. US EPA ID Number: OHD982075343

C. State Transporter's ID: OHD982075343
D. Transporter's Phone: 1-800-776-6077

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:
Petrochem
515 Lycaste
DETROIT, MICH 48214

10. US EPA ID Number: MID980615298

G. State Facility's ID: MID980615298
H. Facility's Phone: 1-313-824-5846

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.	N/H
a.	X	HAZARDOUS WASTE LIQUID N.O.S. (F001, F002, F003, F005) NA 9189 ORM-E	042	DM	02310	G	F001 F002 F003 F005	
b.	X	HAZARDOUS WASTE LIQUID N.O.S. (F001, F003, F005) NA 9189 ORM-E	028	DM	01540	G	F001 F003 F005	
c.								
d.								

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above: a/ / b/ c/ / d/ /

15. Special Handling Instructions and Additional Information: Drums labeled 85 = 21750 Petrochem #
" " 86 = 21749 " "

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Printed/Typed Name: FRED MYERS — Signature: Fred Myers — Date (Month Day Year): 03 06 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronald A. Sabo — Signature: Ronald A. Sabo — Date (Month Day Year): 03 06 91

18. Transporter 2 Acknowledgement or Receipt of Materials
Printed/Typed Name: — Signature: — Date (Month Day Year):

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: — Date (Month Day Year):

GENERATOR — TRANSPORTER — FACILITY

EPA Form 8700-22 (Rev. 9/88) To be mailed by: Michigan DNR PR 5110 Rev. 4/90

DNR
MICHIGAN DEPARTMENT OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Act 64, PA 1979, as amended and Act 138, PA 1988.

Failure to file is punishable under section 299.548 MCL or Section 10 of Act 138, PA 1988.

Please print or type.

Form Approved. OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: OHD004495412 — Manifest Document No.: 00012
2. Page 1 of 1
Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address: OHIO EPA, 1800 WATERMARK DR., Columbus, Oh 43215
4. Generator's Phone: (614) 644-2924

A. State Manifest Document Number: MI 2250511
B. State Generator's ID: OHD4495412

5. Transporter 1 Company Name: 7-7 INC. Wooster, OH
6. US EPA ID Number: OHD982075343
C. State Transporter's ID: OHD98207
D. Transporter's Phone: 1-800-776-6077

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: Petrochem, 515 Lycaste, Detroit, Mich 48214
10. US EPA ID Number: MID980615298
G. State Facility's ID: MID980615298
H. Facility's Phone: 1-313-824-5846

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.	N/H
a.	X	HAZARDOUS WASTE LIQUID N.O.S. (F001, F002, F003, F005) NA9189 ORM-E	022	DM	01210	G	F001 F002 F003 F005	
b.	X	HAZARDOUS WASTE LIQUID N.O.S. (F001, F003, F005) NA9189 ORM-E	030	DM	01650	G	F001 F003 F005	
c.	X	WASTE FLAMMABLE LIQUID N.O.S (D001, F003, F005) UN 1993	012	DM	00660	G	D001 F003 F005	
d.	X	WASTE FLAMMABLE LIQUID N.O.S. (D001, D007, D008) UN 1993	018	DM	00440	G	D001 D007 D008	

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above: a/ / b/ / c/ / d/ /

15. Special Handling Instructions and Additional Information: 900 = Petrochem # 23057 92 = Petro 21751 85 = Petrochem # 21750 86 = Petrochem # 21749

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.

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Printed/Typed Name: Dan Osterfeld — Signature: Dan Osterfeld — Date (Month Day Year): 03 07 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronald A. Sabo — Signature: Ronald A. Sabo — Date (Month Day Year): 03 07 91

18. Transporter 2 Acknowledgement or Receipt of Materials
Printed/Typed Name: — Signature: — Date (Month Day Year):

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: — Date (Month Day Year):

GENERATOR — TRANSPORTER — FACILITY

CALLS I... E REF... TO T... HIGAN ... UTION ... GENC... TING ... 4, IN I... AN AT ... 282-47... OUT O... E AT 5 ... 660 A... E NATI... RESPO... CENTER AT 1-800-424-9802 24 HOURS PER DAY

DNR
MICHIGAN DEPARTMENT OF NATURAL RESOURCES

Please print or type.

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Act 64, P.A. 1979, as amended and Act 136, P.A. 1969.

Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1969

Form Approved. OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: OHD004495412 — Manifest Document No.: 00013
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
OHIO EPA
1800 WATERMARK DR
Columbus, OHIO 43215

4. Generator's Phone (614) 644-2924

A. State Manifest Document Number: MI 2250514
B. State Generator's ID: OHD004495412

5. Transporter 1 Company Name: 7-7 INC., WOOSTER, OH
6. US EPA ID Number: OHD982075343
C. State Transporter's ID: OHD982075
D. Transporter's Phone: 1-800-776-64-43

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
Petrochem
515 Lycaste
Detroit, Mich 48214
10. US EPA ID Number: MID980615298
G. State Facility's ID: MID980615298
H. Facility's Phone: 1-313-824-5846

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.	N/H
a.	X	HAZARDOUS WASTE LIQUID N.O.S. (F001, F002, F003, F005) NA 9189 ORM-E	012	DM	00660	G	F001 F002 F003 F005	
b.	X	HAZARDOUS WASTE LIQUID N.O.S. (F001, F003, F005) NA 9189 ORM-E	001	DM	00055	G	F001 F003 F005	
c.								
d.								

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a/ /
b/ /
c/ /
d/ /

15. Special Handling Instructions and Additional Information: Drums labelled 85 = 21750 Petro Chem App.
" " 86 = 21749 " " "

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.

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Printed/Typed Name: Dan Osterfeld — Signature: Dan Osterfeld — Date: Month Day Year: 03 20 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronald A. Sabo — Signature: Ronald A. Sabo — Date: Month Day Year: 03 20 91

18. Transporter 2 Acknowledgement or Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year:

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: — Date: Month Day Year:

GENERATOR — TRANSPORTER — FACILITY

SPILLS BE RE... D TO ...CHIG. ...LUTIC ...RGEN ...RTING ...EM, IN ...GAN ... ...-282-4... ...OUT ... ...TE AT ... ...-7660 ... ...HE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

EPA Form 8700-22 (Rev. 9-88)

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: OHD004495412 — Manifest Document No.: 04591

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
Ohio EPA
P. O. Box 1049, 1800 Watermark Dr.
Columbus, Ohio 43215

4. Generator's Phone (614) 644-3020

A. State Manifest Document Number: MA F276090

B. State Gen. ID: Granville Solvents

5. Transporter 1 Company Name: Compliance Solutions, Inc.

6. US EPA ID Number: OHD987014974

C. State Trans. ID: [illegible]

7. Transporter 2 Company Name:

8. US EPA ID Number:

D. Transporter's Phone ( )

E. State Trans. ID:

9. Designated Facility Name and Site Address:
Clean Harbors of Natick, Inc.
10 Mercer Road
Natick, MA 01760

10. US EPA ID Number: MAD980523203

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone (508) 655-8863

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 Nitric Acid Oxidizer UN2031	001	DF	00001	G	D001 D002
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. Lab Quantities, 1 X 5
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
In case of a spill call: 1-800-645-8255

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.

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Printed/Typed Name: FRED MYERS — Signature: Fred Myers — Date: Month 04 Day 05 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Phyllis Balcerzak — Signature: Phyllis Balcerzak — Date: Month 04 Day 05 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: Month Day Year

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: — Date: Month Day Year

GENERATOR / TRANSPORTER / FACILITY

Form Approved OMB No. 2050-0039, Expires 9-30-91
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

PRESS HARD. YOU ARE WRITING THROUGH EIGHT COPIES. SEE REVERSE SIDE FOR DIRECTIONS

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

Print or type. (Form designed for use on elite (12 pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: OHD004495412

Manifest Document No.: 1

Information in the shaded areas required by Federal law

2. Generator's Name and Mailing Address:
Ohio EPA
1800 Watermark Drive
Columbus, Ohio

Generator's Phone: (614) 644-2924

State Manifest Document Number: MA F321040

State Gen. ID:

5. Transporter 1 Company Name: Compliance Solutions

6. US EPA ID Number: OHD987014974 OHPB32CV

7. Transporter 2 Company Name:

8. US EPA ID Number:

9. Designated Facility Name and Site Address:
Clean Harbors of Natick, Inc.
10 Mercer Road
Natick, MA 01760

10. US EPA ID Number: MAD980523203

Facility's Phone: 508 655-8863

Not Required

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. Sodium Cyanide Solution, Poison B, UN1689	0		004	P	P106
b.					
c.					
d.					

1 Bucket

Received 5-22-91 [signature]

Additional Descriptions for Materials Listed Above (including physical state and hazard code)

a. Lab Quantities 1 X 5

Clean Harbor.

15. Special Handling Instructions and Additional Information

In case of a spill call: 1-800-OIL-TANK

16. GENERATOR'S CERTIFICATION: [illegible]

Printed/Typed Name: FRED MYERS

Signature: Fred Myers

Month Day Year: 052091

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Phyllis Balcerzak

Signature: Phyllis Balcerzak

Month Day Year: 052091

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:

Signature:

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

Date

MA F32104 COPY>1: FACILITY MAILS TO DESTINATION STATE

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

PLEASE PRINT OR TYPE (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. OHD004495412 | Manifest Document No. 2097017 | Page 1 of 1 | Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: LAA3004707

3. Generator's Name and Mailing Address: Ohio EPA, 1900 Watermark Dr. P.O. Box 1049, Columbus, Ohio 43266

4. Generator's Phone: 216 644-2924

B. State Generator's ID: OHD004495412

5. Transporter 1 Company Name: T-7 Inc. Wooster, OH | 6. US EPA ID Number: OHD982075343

C. State Transporter's ID: OHD982075343

D. Transporter's Phone: 800 776-6077

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: Rollins Environmental Services, 13351 SCENIC HW. BATON ROUGE, LA, 70807 | 10. US EPA ID Number: LAD010395127

G. State Facility's ID: LAD010395127

H. Facility's Phone: 504-778-1242

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. HAZARDOUS WASTE LIQUID, N.O.S. ORM-E NA-9189 R.Q. (Ethylbenzene, Tetrachloroethylene)	001	TT	00665	G	F001 F005 F002 F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: Rollins # BR 41402 TBA

K. Handling Codes for Wastes Listed Above: T03

15. Special Handling Instructions and Additional Information: EMERGENCY RESPONSE PHONE # 1800-282-9378

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.

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Printed/Typed Name	Signature	Month Day Year
FRED MYERS	Fred Myers	10 8 12 89

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Bob Mackey	Bob Mackey	10 8 12 89

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

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	Month Day Year

GENERATOR | TRANSPORTER | FACILITY

STATE OF LOUISIANA
[illegible]ENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

PRINT OR TYPE (Form designed for use on elite (12-pitch) typewriter)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: OHD004495412 — Manifest Document No.: 04707

2. [illegible] — Information [illegible] shaded areas is not required by Federal law.

Generator's Name and Mailing Address:
Ohio EPA
1800 Water Mark Dr. P.O. Box 1049
Columbus OH 43266
Generator's Phone (614) [illegible]2924

A. State Manifest Document Number: LA A 3004708

B. State Generator's ID: [illegible]D004495412

C. State Transporter's ID: [illegible]

D. Transporter's Phone: 216-341-2500

E. State Transporter's ID:

F. Transporter's Phone:

Transporter 1 Company Name: Chem Freight, Inc. — 6. US EPA ID Number: OHD986966[illegible]

Transporter 2 Company Name: — 8. US EPA ID Number:

9. Designated Facility Name and Site Address: Rollins Environmental Services, 13351 Scenic H.W., Baton Rouge, LA, 70807 — 10. US EPA ID Number: LAD010395127

G. State Facility's ID: LA[illegible]0395[illegible]7

H. Facility's Phone: 504-778-[illegible]42

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.
RQ HAZARDOUS WASTE Solid, N.O.S. ORM-E NA-9189 (Ethylbenzene, tetrachloroethylene)	007	DM	1850 ~~3500~~ mw	P	F001 F002 F005 F003

Additional Descriptions for Materials Listed Above:
Rollins # BR ~~41402 TBA~~
41400 (3 DM)
41401 (1 DM)
41593 (3 DM)

K. Handling Codes for Wastes Listed Above: F03

15. Special Handling Instructions and Additional Information:
Generator Emergency Phone # 614-644-319X6 PB

16. GENERATOR'S CERTIFICATION: [illegible]

Printed/Typed Name: FRED MYERS — Signature: Fred Myers — Month Day Year: 09 03 91

7. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Rocky Woodie — Signature: Rocky Woodie — Month Day Year: 09 03 91

8. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year:

19. Discrepancy Indication Space
wt. per wt. ticket = 1,850 lbs. mw

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year: [illegible]

COPY 1

0019

CITY OF NEWARK WASTEWATER TREATMENT
COMMERICAL AND INDUSTRIAL-NON TOXIC/NON HAZARDOUS WASTE
TRUCK WASTE SOURCE DECLARATION #_____

PreApproval

By [illegible] Date 10-1-91

GENERATOR

Bill To:

Name Granville Solvents - Compliance Solutions Inc

Address [illegible] 44262

Phone No (216) [illegible] Volume 100 gal

Commercial 0 Industrial 0 Allotted time period from: 10-2 to: 10-4

NO MIXED LOADS ACCEPTED

ANALYSIS Date _____ CC#_____

COD_____ or BOD_____ S.S._____ pH_____ Organics

Ammonia_____ Metals_____

Respirometer_____

Other_____ Surcharge 0 YES 0 NO

Rec'd by [illegible]

Date 10-1-91	Date	Date	Total divided by 8.34 = TOTAL
In	In	In	
Out	Out	Out	
Diff	Diff	Diff	
35 gals			

HAULER

Name	Address	Phone
[illegible]	191 [illegible]	216-562-7198

Vehicle License No.	Registration No.	Scale Ticket No.
[illegible]	[illegible]	N/A

City 0 County 0

I hereby certify that the address given is also the location from which the waste was generated. [illegible]

Signature - Owner/Driver _____ Date _____

Distribution:

#1 Board of Health City or County	#2 Billing Dept Green	#3 W.W.T.P. Yellow	#4 Cleaner Pink	#5 Generator Gold

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 82178
BATON ROUGE, LOUISIANA 70884-2178

PLEASE PRINT OR TYPE (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. OHD000448126 — Manifest Document No.
2. Page 1 of 2
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
OHIO EPA
1800 WATERMARK DR. P.O. BOX 1049
Columbus OH 43266
4. Generator's Phone (614) 644-2924

A. State Manifest Document Number: LA 310523
B. State Generator's ID: OHD004448126

5. Transporter 1 Company Name: [illegible]
6. US EPA ID Number: LHD [illegible]
C. State Transporter's ID
D. Transporter's Phone

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
Rollins Environmental Services
13351 Scenic H.W.
Baton Rouge LA 70307
10. US EPA ID Number: LAD010391517
G. State Facility's ID: LAD010391517
H. Facility's Phone: 504-778-2[illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ HAZARDOUS WASTE Solid, N.O.S. ORM-E NA 9189 (Ethylbenzene, Tetrachloroethylene)	006	DM	1560	P	[illegible]
b. RQ Hazardous Waste Solid, N.O.S. ORM-E NA 9189 (Ethylbenzene, Tetrachloroethylene)	008	DM	1200	P	[illegible]
c. RQ Hazardous Waste Liquid, N.O.S. ORM-E NA 9189 (Ethylbenzene, Tetrachloroethylene)	16	DM	1560	G	[illegible]
d. RQ Hazardous Waste Solids, N.O.S. ORM-E NA 9189 (Ethylbenzene, Tetrachloroethylene)	004	DF	1200	P	[illegible]

J. Additional Descriptions for Materials Listed Above
(a) Rollins BR [illegible] 41401
(b) Rollins CR [illegible] 41400
(c) Rollins BR [illegible] 41402
(d) Rollins BR [illegible] 41400

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Generator Emergency Phone # 614-644-3196

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.
If I am a large quantity generator, I certify that I have a 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 of 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 quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is practicable to me and that I can afford.

Printed/Typed Name	Signature	Month Day Year
FRED MYERS	[signature]	06 27 92

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
William D. Gordon Jr	[signature]	06 27 92

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space
Correct I.D. Number for Transporter is OHD 982061350
Correct Phone Number is (504) 786-1001

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	Month Day Year

GENERATOR — TRANSPORTER — FACILITY

COPY 6

EPA Form 8700-22 (Rev. 9/88) Previous edition is obsolete.

OFFICIAL FORM HW-1 (8-92)

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 82178
BATON ROUGE, LOUISIANA 70884-2178

LEASE PRINT OR TYPE (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. [illegible]
2. Page 1 of 7 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
OHIO EPA
1800 WATERMARK DR. P.O. BOX 1049
Columbus OH 43266

4. Generator's Phone [illegible]

A. State Manifest Document Number: LAA 3103123
B. State Generator's ID: OHD004475412
C. State Transporter's ID: [illegible]
D. Transporter's Phone: [illegible]
E. State Transporter's ID: 786-1001
F. Transporter's Phone: [illegible]
G. State Facility's ID: LAD010395127
H. Facility's Phone: 504-778-1842

5. Transporter 1 Company Name: [illegible]
6. US EPA ID Number: 92 061350 [illegible]

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
Rollins Environmental Services
13351 Scenic H.W.
Baton Rouge LA 70807
10. US EPA ID Number: LAD010395127

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. RQ HAZARDOUS WASTE Solid, N.O.S. ORM-E NA 9189 (Ethylbenzene, Tetrachloroethylene)	006	DA	1560	P	F001, F002, F003, F005
b. RQ Hazardous Waste Solid, N.O.S. ORM-E NA 9189 [illegible]	[illegible]	DA	[illegible]	D	F001, F002, F003, F005
c. RQ Hazardous Waste Liquid, N.O.S. ORM-E NA 9189 (Ethylbenzene, Tetrachloroethylene)	16	DA	[illegible]	G	F001, F002, F003, F005
d. RQ Hazardous Waste Solids, N.O.S. ORM-E NA 9189 (Ethylbenzene, Tetrachloroethylene)	[illegible]	DF	[illegible]	D	F001, F002, F003, F005

J. Additional Descriptions for Materials Listed Above
(a) Rollins BR ~~43432~~ 41401
(b) Rollins BR ~~43433~~ 41400
(c) Rollins BR ~~43434~~ ~~43402~~ 41402
(d) [illegible]

K. Handling Codes for Wastes Listed Above
T-63

15. Special Handling Instructions and Additional Information
Generator Emergency Phone # 614-644-3176

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 labled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a 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 of 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 quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month Day Year
FRED MYERS	[illegible]	06 22 92

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
[illegible] D. Gardner Jr.	[illegible]	06 22 92

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space
Correct I.D. Number for Transporter 1 OHD 982061350
Correct Phone Number 1 (216) 786-1001

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	Month Day Year

COPY 7

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 82178
BATON ROUGE, LOUISIANA 70884-2178

PLEASE PRINT OR TYPE (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. LHDFF441541726 Manifest Document No. 2 Page 1 of 2 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible]

4. Generator's Phone ([illegible]) 644-[illegible]

5. Transporter 1 Company Name [illegible]

6. US EPA ID Number LHD[illegible]

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
Rollins Environmental Services
15351 Scenic Hwy.
Baton Rouge, LA 70817

10. US EPA ID Number LHDFV[illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. [illegible] (Ethylbenzene [illegible])	007	CF	2000	G
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above
[illegible]

15. Special Handling Instructions and Additional Information
GENERATOR EMERGENCY PHONE # 614-644-3196

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.
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Printed/Typed Name: FRED [illegible] Signature: [illegible] Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: William D. Gordon Jr. Signature: [illegible] Month Day Year 04 22 92

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year

19. Discrepancy Indication Space
Correct Transporter ID OHD 983061350
Correct Transporter Phone (216) 786-8001

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: Month Day Year

GENERATOR
TRANSPORTER
FACILITY

COPY 6

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 82178
BATON ROUGE, LOUISIANA 70884-2178

PLEASE PRINT OR TYPE (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of 2 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

A. State Manifest Document Number: LAA 3103324

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

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 | 10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone

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.					
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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.

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Printed/Typed Name | Signature | Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: William D. Gordin Jr. | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

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 | Month Day Year

GENERATOR

TRANSPORTER

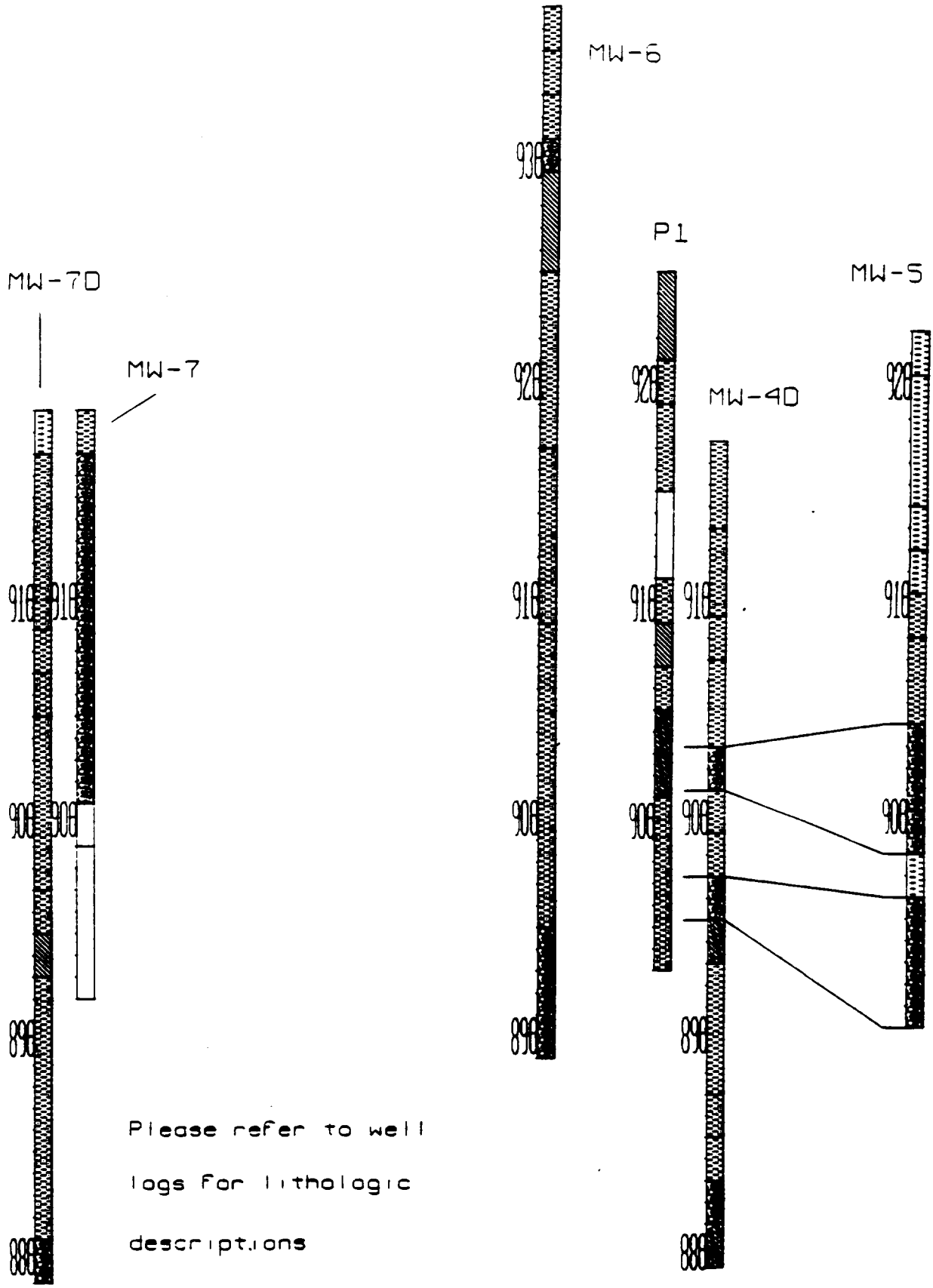
FACILITY

COPY 7

EPA Form 8700-22 (Rev. 9/88) Previous edition is obsolete

Appendix B.

GRANVILLE COLUMNAR SECTION



COMPLIANCE SOLUTIONS -- GRANVILLE PROJECT

BORING NO: P1 | PAGE 1 OF 1
DATE BEGAN: 10/10/91 | DATE FINISHED: 10/10/91
DRILLER: OHIO TESTBOR, INC | LOGGED BY: D. WEHN
TOP CASING MARK ELEV: | GWL DEPTH: 25 ft
DRILLING METHOD: Hollow Stem Flight Auger, Rotary | GWL DATE/TIME: At completion
NOTES:

DEPTH (FT)	SAMPLE TYPE AND NO	SPT BLOWS PER FT	REC (%)	DESCRIPTION	REMARKS
0.00		10-12	60	CLAY: Brown plastic clay, some silt, sand, gravel. Top 2" slag.	
		7 - 7	60		
-5.00		7 -10	50	SILTY SAND: Brown, some clay.	
		17-13	30	SILTY SAND: Some clay and gravel.	
		11-11	30		
-10.00		6 -16	0	COBBLES: Large.	
		50-63	0		
-15.00		16-30	40	SILTY SAND: Some clay and gravel.	
		30-70	50	CLAY: Brown, with sand and gravel.	
		45-65	50	SILTY SAND: With gravel, some clay.	
-20.00		20-27	50	SILTY CLAY: With sand, some gravel.	21
		14-24	60		
-25.00		30-29	30	SILTY SAND: With clay, some gravel.	
		14- 8	50		
		50-63	0	Driller "Pushed a Rock."	
-30.00		16-23	60		31
-35.00					
-40.00					
-45.00					
-50.00					
-55.00					
-60.00					

VOLATILE ORGANIC VAPORS (ppm): 0, 40, 80, 120, 160, 200, 240

COMPLIANCE SOLUTIONS -- GRANVILLE PROJECT

BORING NO: 40 | PAGE 1 OF 1
DATE BEGAN: 6/26/91 | DATE FINISHED: 6/26/91
DRILLER: OHIO TESTBOR, INC | LOGGED BY: D. HEHN
TOP CASING MARK ELEV: 917.16' | GWL DEPTH: 20.6 Ft
DRILLING METHOD: Hollow Stem Flight Auger, Rotary | GWL DATE/TIME: At completion
NOTES:

DEPTH (FT)	SAMPLE TYPE AND NO.	SPT BLOWS PER FT	REC (%)	METHOD	DESCRIPTION	REMARKS
0.00		30-36	33		SILT: Brown, with clay and sandy gravel. Top 3" crushed stone.	
		16-11	30			
-5.00		8 -14	33		SILTY SAND: Brown, some clay.	
		-	33			
		22-29	33		SILTY SAND: With gravel, some metal bits.	
-10.00		28-30	33		SILTY SAND: Brown, some gravel.	
		28-34	33			
-15.00		23-36	33		SANDY GRAVEL: With silt.	
		19-19	28		SILTY SAND: Brown, some clay.	
		37-42	33		SILTY SAND: Brown, some gravel.	
-20.00		41-51	83		SANDY GRAVEL: Brown, some silt	20.64
		14-17	33		SILTY CLAY: With sand, some gravel.	
-25.00		34-40	30		SILT: Brown, with grey-green clay gravel and sand.	
		41-42	83			
		30-63	33			
-30.00		39-49	83		SILTY SAND: Brown, some clay and gravel.	30.64
		41-68	30		SILT: Brown, with sand and gravel.	
-35.00		41-39	33		SANDY GRAVEL: With silt and clay.	
		41-39	67		SILTY CLAY: With sand.	
-40.00						
-45.00						
-50.00						
-55.00						
-60.00						

VOLATILE ORGANIC VAPORS (ppm): 0, 40, 80, 120, 160, 200, 240

STRATIGRAPHY

COMPLIANCE SOLUTIONS -- GRANVILLE PROJECT

BORING NO: 5 | PAGE 1 OF 1
DATE BEGAN: 6/27/91 | DATE FINISHED: 6/27/91
DRILLER: OHIO TESTBOR, INC | LOGGED BY: D. WEHN
TOP CASING MARK ELEV: 922.15' | GWL DEPTH: 22 Ft
DRILLING METHOD: Hollow Stem Flight Auger, Rotary | GWL DATE/TIME: At completion
NOTES:

DEPTH (FT)	SAMPLE TYPE AND NO.	SPT BLOWS PER FT	REC (%)	LITHOLOGY	DESCRIPTION	DRILLING	VOLATILE ORGANIC VAPORS (ppm) 0 40 80 120 160 200 240	WELL	REMARKS
0.00		4 - 8	79		SANDY SILT: Brown, some gravel.				
		13-17	83		SANDY SILT: Brown.				
-5.00		6 - 7	71						
		11-12	71		SANDY SILT: Brown, trace clay.				
-10.00		20-16	60		SANDY SILT: Some gravel, trace clay.				
		2 - 4	62		SILT: Brown, some sand.				
-15.00		18-11	87		SILTY SAND: With clay.				
		20-21	80						
		25-30	75		SANDY GRAVEL: Brown, with silt.				17 98
-20.00		16-18	90						
		33-32	80		SANDY GRAVEL: Brown, with silt.				
-25.00		25-40	17		SANDY SILT: Brown, with gravel.				
		20-24	19		SANDY GRAVEL: Brown, with silt.				27 98
		41-37	80						
-30.00		13-20	30						
-35.00									
-40.00									
-45.00									
-50.00									
-55.00									
-60.00									

COMPLIANCE SOLUTIONS -- GRANVILLE PROJECT

BORING NO: 6
DATE BEGAN: 9/30/91
DRILLER: OHIO TESTBOR, INC
TOP CASING MARK ELEV: 936.85'
DRILLING METHOD: Hollow Stem Flight Auger, Rotary
NOTES:

PAGE 1 OF 1
DATE FINISHED: 9/30/91
LOGGED BY: D WEHN
GWL DEPTH: 37.5 Ft
GWL DATE/TIME: At completion

DEPTH (FT)	SAMPLE TYPE AND NO	SPT BLOWS PER FT	REC (%)	PROFILE	DESCRIPTION	USCS	VOLATILE ORGANIC VAPORS (ppm) 0 40 80 120 160 200 240	SCREEN	REMARKS
0.00		31-31	90		SILTY SAND: Brown, with gravel. Top 6" crushed stone.				
		19-24	78		SILTY SAND: Brown, some gravel.				
-5.00		16-26	60		SILTY SAND: With gravel.				
		23-39	60		SANDY GRAVEL				
		25-49	100		CLAY: Brown, trace sand and gravel.				
-10.00		28-47	100						
		28-38	50		SILTY SAND: With gravel.				
-15.00		29-61	80						
		20-70	38						
		28-63	50						
-20.00		28-67	60		SILTY SAND: Some large cobbles.				
		43-44	20						
-25.00		45-64	90						
		78-41	48						
		38-64	48		SILTY SAND: Some gravel, trace clay.				
-30.00		17-22	90						
		17-22	88						
-35.00		30-31	58						
		28-57	98						38.04
		28-16	80						
-40.00		13-20	38						
		30-34	10		GRAVEL: Some sand and silt.				
-45.00		28-17	78						
		25-30	80						48.04
-50.00									
-55.00									
-60.00									

COMPLIANCE SOLUTIONS -- GRANVILLE PROJECT

BORING NO: 7
DATE BEGAN: 6/27/91
DRILLER: OHIO TESTBOR, INC.
TOP CASING MARK ELEV: 918.63'
DRILLING METHOD: Hollow Stem Flight Auger, Rotary
NOTES:

PAGE 1 OF 1
DATE FINISHED: 6/28/91
LOGGED BY: D. WEHN
GWL DEPTH: 17.5 ft
GWL DATE/TIME: At completion

DEPTH (FT)	SAMPLE TYPE AND NO	SPT BLOWS PER FT	REC (%)	PROFILE	DESCRIPTION	USCS	VOLATILE ORGANIC VAPORS (ppm) 0 40 80 120 160 200 240	SCREEN	REMARKS
0.00					SILT: Brown, trace sand and gravel. Top 3" topsoil.				
					SANDY GRAVEL: Brown.				
-5.00		16-13	48						
-10.00		27-29	50						
-15.00		20-20	75						14.49
		20-25	75		SAND: Brown, trace gravel.				
-20.00					SAND: Brown, trace gravel and silt.				
-25.00		22-18	63						24.49
-30.00									
-35.00									
-40.00									
-45.00									
-50.00									
-55.00									
-60.00									

COMPLIANCE SOLUTIONS -- GRANVILLE PROJECT

BORING NO: 70
DATE BEGAN: 11/5/91
DRILLER: OHIO TESTBOR, INC
TOP CASING MARK ELEV: 918.68'
DRILLING METHOD: Hollow Stem Flight Auger, Rotary
NOTES:

PAGE 1 OF 1
DATE FINISHED:
LOGGED BY: D. WEHN
GWL DEPTH: 18 ft
GWL DATE/TIME: At completion

DEPTH (FT)	SAMPLE TYPE AND NO	SPT BLOWS PER FT	REC (%)	PROFILE	DESCRIPTION	USCS	VOLATILE ORGANIC VAPORS (ppm) 0 40 80 120 160 200 240	SCREENING	REMARKS
0.00		12-13	100		SANDY SILT: Brown, with gravel.				
		13-16	79		SILTY SAND: Brown, with gravel				
-5.00		18-19	100						
		20-21	100						
		24-25	83						
-10.00		25-28	100		SILT: Brown, with sand and gravel.				
		26-24	83		SILTY SAND: Brown.				
-15.00		23-24	83		SILTY SAND: Brown, some gravel.				
		22-30	38						▼
		14-18	38						
-20.00		10-12	38						
		12B-18	33		SILTY SAND:				
-25.00		12-11	38		CLAY: Grey, with silt and sand.				
		25-34	29		SILTY SAND: Brown, occ. cobble.				26.58
		100	0						
-30.00		32-34	100						
		30-31	42						
-35.00		25-50	75						
		42-50	33						36.58
		54-60	17		SANDY GRAVEL: Brown, with silt.				
-40.00									
-45.00									
-50.00									
-55.00									
-60.00									

Appendix C

Occupational Medicine
BHM
Safety & Industrial Hygiene
Environmental Services
20690 Lakeland Blvd.
Euclid, OH 44119

Environmental Laboratory
7145 Pine St.
Chagrin Falls, OH 44022

WORK ORDER NUMBER: 0420 --> 0434

CUSTOMER: COMPLIANCE SOLUTIONS
196 S. CHILLICOTHE
AURORA, OH 44202

CUSTOMER NO: N/A

CONTACT: DIANE WILBUR

SAMPLE DESCRIPTION/SAMPLE ID NO:

	COMPLIANCE ID			BHM ID
15 SAMPLES:	STA. #6	2/28	4:45 PM	0420
	STA. #7	2/28	4:30 PM	0421
	STA. #8	2/28	4:15 PM	0422
	STA. #9	2/28	4:00 PM	0423
	STA. #10	2/28	3:30 PM	0424
	STA. #11	2/28	2:45 PM	0425
	STA. #12	2/28	5:30 PM	0426
	STA. #13	2/28	6:00 PM	0427
	STA. #1	3/1	11:30 AM	0428
	STA. #2	3/1	10:30 AM	0429
	STA. #3	3/1	9:50 AM	0430
	STA. #4	3/1	8:10 AM	0431
	STA. #5	3/1	8:45 AM	0432
	BLANK	2/28	5:30 PM	0433
	GRANVILLE TANKS, RINSE WATER			
	WASTE WATER	2/28	6:15 PM	0434
	GRANVILLE TANKS, WASTE WATER			

DATE RECEIVED: MARCH 1, 1991

DATE REPORTED: MARCH 11, 1991

TEST REQUESTED: EPA METHOD NO. 8240

REVIEWED BY: Deborah L Becker APPROVED BY: [illegible]

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-01-91
WORK ORDER NO: 0420 DATE REPORTED: 03-11-91
SAMPLE ID: STA. #6 2/28 4:45 PM
GRANVILLE TANKS, RINSE WATER

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 104%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 102%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 100%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0421
SAMPLE ID: STA. #7 2/28 4:30 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	6.1	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	95.2	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0421
SAMPLE ID: STA. #7 2/28 4:30 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	12.6	5
37.	1,1,1-TRICHLOROETHANE	66.6	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	65.0	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 94%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 102%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 104%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0422
SAMPLE ID: STA. #8 2/28 4:15 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND.	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	40.9	5

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CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0422
SAMPLE ID: STA. #8 2/28 4:15 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	66.7	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	58.8	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 104%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 102%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 104%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0423
SAMPLE ID: STA. #9 2/28 4:00 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

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CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0423
SAMPLE ID: STA. #9 2/28 4:00 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 112%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 100%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 104%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0424
SAMPLE ID: STA. #10 2/28 3:30 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 106%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 110%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-01-91
WORK ORDER NO: 0425 DATE REPORTED: 03-11-91
SAMPLE ID: STA. #11 2/28 2:45 PM
GRANVILLE TANKS, RINSE WATER

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	5.8	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

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CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0425
SAMPLE ID: STA. #11 2/28 2:45 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 114%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 100%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 100%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-01-91
WORK ORDER NO: 0426 DATE REPORTED: 03-11-91
SAMPLE ID: STA. #12 2/28 5:30 PM
GRANVILLE TANKS, RINSE WATER

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	20.7	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	5.6	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND.	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0426
SAMPLE ID: STA. #12 2/28 5:30 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 108%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 94%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 100%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0427
SAMPLE ID: STA. #13 2/28 6:00 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	24.7	5
7.	BROMOMETHANE	ND	10
8	2-BUTANONE	ND	100
9	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0427
SAMPLE ID: STA. #13 2/28 6:00 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 104%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 94%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 100%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0428
SAMPLE ID: STA. #1 3/1 11:30 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	8.4	5
6.	BROMOFORM	32.9	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-01-91
WORK ORDER NO: 0428 DATE REPORTED: 03-11-91
SAMPLE ID: STA. #1 3/1 11:30 PM
GRANVILLE TANKS, RINSE WATER

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 104%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 94%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 94%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-01-91
WORK ORDER NO: 0429 DATE REPORTED: 03-11-91
SAMPLE ID: STA. #2 3/1 10:30 PM
GRANVILLE TANKS, RINSE WATER

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9	CARBON DISULFIDE	ND	5
10	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-01-91
WORK ORDER NO: 0429 DATE REPORTED: 03-11-91
SAMPLE ID: STA. #2 3/1 10:30 PM
GRANVILLE TANKS, RINSE WATER

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 106%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 110%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 112%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-01-91
WORK ORDER NO: 0430 DATE REPORTED: 03-11-91
SAMPLE ID: STA. #3 3/1 9:50 PM
GRANVILLE TANKS, RINSE WATER

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	5.6	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0430
SAMPLE ID: STA. #3 3/1 9:50 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 104%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 92%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 96%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0431
SAMPLE ID: STA. #4 3/1 8:10 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8	[illegible]-BUTANONE	ND	100
9.	[illegible]RBON DISULFIDE	ND	5
10.	[illegible]ARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	7.8	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	5.6	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

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CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-01-91
WORK ORDER NO: 0431 DATE REPORTED: 03-11-91
SAMPLE ID: STA. #4 3/1 8:10 PM
GRANVILLE TANKS, RINSE WATER

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	17.6	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	17.9	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 104%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 92%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 96%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0432
SAMPLE ID: STA. #5 3/1 8:45 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-01-91
WORK ORDER NO: 0432 DATE REPORTED: 03-11-91
SAMPLE ID: STA. #5 3/1 8:45 PM
GRANVILLE TANKS, RINSE WATER

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 94%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 94%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 96%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0433
SAMPLE ID: BLANK 2/28 5:30 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	18.4	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND.	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-01-91
WORK ORDER NO: 0433 DATE REPORTED: 03-11-91
SAMPLE ID: BLANK 2/28 5:30 PM
GRANVILLE TANKS, RINSE WATER

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 108%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 96%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 100%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-01-91
WORK ORDER NO: 0434 DATE REPORTED: 03-11-91
SAMPLE ID: WASTE WATER 2/28 6:15 PM
GRANVILLE TANKS, WASTE WATER

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	25.2	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	400.9	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	545.1	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	621.1	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0434
SAMPLE ID: WASTE WATER 2/28 6:15 PM
GRANVILLE TANKS, RINSE WATER

DATE RECEIVED: 03-01-91
DATE REPORTED: 03-11-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	131.6	5
37.	1,1,1-TRICHLOROETHANE	999.9	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	694.9	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	96.9	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 112%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 98%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 104%
ACCEPTABLE LIMITS: 86 - 115%

Occupational Medicine

BHM

Safety & Industrial Hygiene

Environmental Services

20690 Lakeland Blvd.
Euclid, OH 44119

Environmental Laboratory
7145 Pine St.
Chagrin Falls, OH 44022

WORK ORDER NUMBER: 0363

CUSTOMER: COMPLIANCE SOLUTIONS, INC.
196 S. CHILLICOTHE
AURORA, OH 44202

CUSTOMER NO: N/A

CONTACT: DIANE WILBUR

SAMPLE DESCRIPTION/SAMPLE ID NO:

1 SAMPLE: TANK 7
UST RINSEWATER
GRANVILLE SOLVENTS

DATE RECEIVED: FEBRUARY 21, 1991

DATE REPORTED: FEBRUARY 25, 1991

TEST REQUESTED: VOLATILE ORGANICS EPA METHOD NO. 8240

REVIEWED BY: Deborah Buckel APPROVED BY: Bill [illegible]

CUSTOMER: COMPLIANCE
WORK ORDER NO: 0363
SAMPLE ID: TANK 7
UST RINSEWATER

DATE RECEIVED: 02-21-91
DATE REPORTED: 02-25-91

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

CUSTOMER: COMPLIANCE
WORK ORDER NO: 0363
SAMPLE ID: BLK-22B

DATE ANALYZED: 02-22-91

BLANK REPORT

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE
WORK ORDER NO: 0363
SAMPLE ID: >BLK-22B
UST RINSEWATER

DATE ANALYZED: 02-22-91

BLANK REPORT

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

CUSTOMER: COMPLIANCE
WORK ORDER NO: 0363
SAMPLE ID: TANK 7
UST RINSEWATER

DATE RECEIVED: 02-21-91
DATE REPORTED: 02-25-91

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 119%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 116%
ACCEPTABLE LIMITS: 74 - 121%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 03-04-91
WORK ORDER NO: 0435 DATE REPORTED: 03-18-91
SAMPLE ID: STA. TS 3-1-91 1:00 PM
GRANVILLE TANKS, TANK DIRT

TCLP EXTRACTION
ORGANIC COMPOUNDS

	COMPOUND	RESULTS (MG/L)	REGULATORY LEVEL (MG/L)	DETECTION LIMIT (MG/L)
1.	BENZENE	ND	0.5	0.010
2.	CARBON TETRACHLORIDE	ND	0.5	.010
3.	CHLORDANE	ND	0.03	.001
4.	CHLOROBENZENE	ND	100.0	.010
5.	CHLOROFORM	ND	6.0	.010
6.	O-CRESOL	ND	200.0	.010
7.	M-CRESOL	ND	200.0	.010
8.	P-CRESOL	ND	200.0	.010
9.	1,4-DICHLOROBENZENE	ND	7.5	.010
10.	1,2-DICHLOROETHYLENE	ND	0.5	.010
11.	1,1-DICHLOROETHYLENE	ND	0.7	.010
12.	2,4-DINITROTOLUENE	ND	0.13	.010
13.	HEPTACHLOR	ND	0.008	.001
14.	HEXACHLOROBENZENE	ND	0.13	.010
15.	HEXACHLORO-1,3-BUTADIENE	ND	0.5	.010
16.	HEXACHLOROETHANE	ND	3.0	.010
17.	METHYL ETHYL KETONE	ND	200.0	.010
18.	NITROBENZENE	ND	2.0	.010
19.	PENTACHLOROPHENOL	ND	100.0	.010
20.	PYRIDINE	ND	5.0	.010
21.	TETRACHLOROETHYLENE	.008	0.7	.010
22.	TRICHLOROETHYLENE	ND	0.5	.010
23.	2,4,5-TRICHLOROPHENOL	ND	400.0	.010
24.	2,4,6-TRICHLOROPHENOL	ND	2.0	.010
25.	VINYL CHLORIDE	ND	0.2	.010
26.	ENDRIN	ND	0.02	.001
27.	LINDANE	ND	0.4	.001
28.	METHOXYCHLOR	ND	10.0	0.010
29.	TOXAPHENE	ND	0.5	0.010
30.	2,4-D	ND	10.0	0.010
31.	2,4,5-TP (SILVEX)	ND	1.0	0.010

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 0435
SAMPLE ID: STA. TS 3-1-91 1:00 PM
GRANVILLE TANKS, TANK DIRT

DATE RECEIVED: 03-04-91
DATE REPORTED: 03-18-91

TCLP EXTRACTION METALS

METHOD NO. 1311

	PARAMETER	RESULTS (MG/L)	REGULATORY LEVEL (MG/L)	DETECTION LIMIT (MG/L)	METHOD NUMBER
1.	ARSENIC	<0.10	5.0	0.04	6010
2.	BARIUM	5.03	100.0	0.02	6010
3.	CADMIUM	0.06	1.0	0.010	6010
4.	CHROME	0.23	5.0	0.02	6010
5.	LEAD	0.25	5.0	0.04	6010
6.	MERCURY	<0.10	0.2	0.02	245.1
7.	SELENIUM	<0.10	1.0	0.04	6010
8.	SILVER	<0.02	5.0	0.02	6010
9.	NICKEL	0.32	---	0.020	6010

DEXTER

ANALYTICAL REPORT

ANALYTICAL SERVICES

7145 PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247-5000 • FAX: (216) 247-7175

THE DEXTER CORPORATION

April 5, 1991

COMPLIANCE SOLUTIONS, INC
196 SOUTH CHILLICOTHE RD.
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION	
SAMPLE NUMBER:	6717
SAMPLE DATE:	3-13-91
SAMPLE TIME:	2PM
SAMPLE FROM:	GRANVILLE SOLVENTS WAREHOUSE FLOOR DIRT
PARAMETERS	
ARSENIC (206.2)as As mg/l	<0.001
BARIUM as Ba (208.1) mg/l	1.0
CADMIUM as Cd (213.1) mg/l	0.082
CHROMIUM (218.1) as Cr mg/l	<0.01
LEAD (239.1) as Pb mg/l	0.04
MERCURY (245.1) as Hg mg/l	<0.0002
SELENIUM (270.2) as Se mg/l	0.0006
SILVER (272.1) as Ag mg/l	<0.01
: (150.1) Std. Units	7.3
pH, Final, Std. Units	5.0

MARKS:
TCLP ORGANICS ANALYSIS ARE ATTACHED.

Approved

Ohio E.P.A. Drinking Water Certificate # 1291

CUSTOMER: DEXTER
WORK ORDER NO: 0521
SAMPLE ID: WAREHOUSE FLOOR DIRT
DIANE WILBUR COMPLIANCE SOLUTIONS
#6717

DATE RECEIVED: 03-14-91
DATE REPORTED: 03-20-91

TCLP EXTRACTION
ORGANIC COMPOUNDS

	COMPOUND	RESULTS (MG/L)	REGULATORY LEVEL (MG/L)	DETECTION LIMIT (MG/L)
1.	BENZENE	ND	0.5	0.010
2.	CARBON TETRACHLORIDE	ND	0.5	.010
3.	CHLOROBENZENE	ND	100.0	.010
4.	CHLOROFORM	ND	6.0	.010
5.	1,4-DICHLOROBENZENE	ND	7.5	.010
6.	1,2-DICHLOROETHYLENE	ND	0.5	.010
7.	1,1-DICHLOROETHYLENE	ND	0.7	.010
8.	METHYL ETHYL KETONE	ND	200.0	.010
9.	TETRACHLOROETHYLENE	ND	0.7	.010
10.	TRICHLOROETHYLENE	ND	0.5	.010
11.	VINYL CHLORIDE	ND	0.2	.010

CUSTOMER: DEXTER
WORK ORDER NO: 0521
SAMPLE ID: >BLK19C

DATE ANALYZED: 03-19-91

BLANK REPORT

TCLP EXTRACTION
ORGANIC COMPOUNDS

	COMPOUND	RESULTS (MG/L)	REGULATORY LEVEL (MG/L)	DETECTION LIMIT (MG/L)
1.	BENZENE	ND	0.5	0.010
2.	CARBON TETRACHLORIDE	ND	0.5	.010
3.	CHLOROBENZENE	ND	100.0	.010
4.	CHLOROFORM	ND	6.0	.010
5.	1,4-DICHLOROBENZENE	ND	7.5	.010
6.	1,2-DICHLOROETHYLENE	ND	0.5	.010
7.	1,1-DICHLOROETHYLENE	ND	0.7	.010
8.	METHYL ETHYL KETONE	ND	200.0	.010
9.	TETRACHLOROETHYLENE	ND	0.7	.010
10.	TRICHLOROETHYLENE	ND	0.5	.010
11.	VINYL CHLORIDE	ND	0.2	.010

CUSTOMER: DEXTER
WORK ORDER NO: 0521
SAMPLE ID: WAREHOUSE FLOOR DIRT
DIANE WILBUR COMPLIANCE SOLUTIONS
#6717

DATE RECEIVED: 03-14-91
DATE REPORTED: 03-20-91

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 116%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 114%
ACCEPTABLE LIMITS: 81 - 117%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 80%
ACCEPTABLE LIMITS: 74 - 121%

BUSINESS HEALTH
MANAGEMENT

Phone: 217-247-1020
FAX: 216-247-1820

Environmental
Laboratory
7145 Pine Street
Chagrin Falls, OH 44022

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 1079
SAMPLE ID: GRANVILLE FLOOR DIRT

DATE RECIEVED: 06-13-91
DATE REPORTED: 06-16-91

TOTAL METALS
METALS METHOD 6010
EXTRACTION METHOD 3050

	PARAMETER	RESULTS (MG/KG)	DETECTION LIMIT (MG/KG)
1.	ARSENIC		1.0
2.	BARIUM	847.8	0.5
3.	CADMIUM	7.60	1.0
4.	CHROME	189.9	2.0
5.	LEAD	543.3	2.0
6.	MERCURY		1.0
7.	SELENIUM	<1.00	2.0
8.	SILVER	<0.25	1.0
9.	NICKEL	49.25	

NOTE: DETECTION LIMITS MAY VARY DUE TO SAMPLE MATRIX

0322

Occupational Medicine

BHM

Safety & Industrial Hygiene

Environmental Services

20690 Lakeland Blvd.
Euclid, OH 44119

Environmental Laboratory
7145 Pine St.
Chagrin Falls, OH 44022

WORK ORDER NUMBER: 0609 --> 0615

CUSTOMER: DEXTER WATER SYSTEMS
7145 PINE STREET
CHAGRIN FALLS, OH 44022

CUSTOMER NO: 6970, 6971, 6972, 6973, 6974, 6975, 6976

CONTACT: JOE CLUTS

SAMPLE DESCRIPTION/SAMPLE ID NO:

	DEXTER ID		BHM ID
7 SAMPLES:	#6970	STILL BLDG.	0609
	#6971	WAREHOUSE WALL	0610
	#6972	WAREHOUSE FLOOR	0611
	#6973	WAREHOUSE FLOOR	0612
	#6974	WASTE WATER TANK	0613
	#6975	SUMP	0614
	#6976		0615
	GRANVILLE TANKS		
	COMPLIANCE SOLUTIONS		

DATE RECEIVED: MARCH 22, 1991

DATE REPORTED: MARCH 25, 1991

TEST REQUESTED: EPA METHOD 8240

REVIEWED BY: Deborah Badd APPROVED BY: Bill Burns

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6970 STILL BUILDING 3-20-91 12:15
BHM NO: 0609

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-27-91

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	5.7	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6970 STILL BUILDING 3-20-91 12:15
BHM NO: 0609

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-27-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 110%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 98%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 109%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6971 WAREHOUSE WALL 3-20-91 4:00
BHM NO: 0610

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-27-91

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6971 WAREHOUSE WALL 3-20-91 4:00
BHM NO: 0610

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-27-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 1,2 DICHLOROETHANE D4 = 111%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 104%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 112%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6972 WAREHOUSE FLOOR
BHM NO: 0611

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-25-91
3-21-91 9:30

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	4.0	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6972 WAREHOUSE FLOOR
BHM NO: 0611

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-25-91
3-21-91 9:30

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 100%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 113%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6973 WAREHOUSE FLOOR 3-21-91 9:45
BHM NO: 0612

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-25-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6973 WAREHOUSE FLOOR
BHM NO: 0612

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-25-91
3-21-91 9:45

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 102%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 110%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6974 WASTE WATER TANK 3-21-91 10:15
BHM NO: 0613

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-27-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	13.65	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	196.34	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	9.6	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	558.97	5

(CONT'D)

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6974 WASTE WATER TANK 3-21-91 10:15
BHM NO: 0613

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-27-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	12.89	5
37.	1,1,1-TRICHLOROETHANE	181.27	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	47.38	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 102%
ACCEPTABLE LIMITS: 88 - 110%

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 110%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6975 SUMP 3-21-91 10:00
BHM NO: 0614

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-27-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	2172.1	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	534.4	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	14350.5	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	3630.4	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	41997.95	5

(CONT'D)

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6975 SUMP 3-21-91 10:00
BHM NO: 0614

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-27-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	4613.8	5
37.	1,1,1-TRICHLOROETHANE	17985.5	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	6974.6	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	3241.0	5

ALSO FOUND: 1,2 DICHLOROBENZENE 567.5 UG/L

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 94%
ACCEPTABLE LIMITS: 86 - 115%

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0614
SAMPLE ID: >BV25B

DATE ANALYZED: 03-25-91

BLANK REPORT

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6976 BLANK 3-21-91 9:30
BHM NO: 0615

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-27-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	32.55	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: DEXTER
WORK ORDER NO: 0609 --> 0615
SAMPLE ID: #6976 BLANK 3-21-91 9:30
BHM NO: 0615

DATE RECEIVED: 03-22-91
DATE REPORTED: 03-27-91

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 98%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 96%
ACCEPTABLE LIMITS: 88 - 110%

CUSTOMER: DEXTER
WORK ORDER NO: 0615
SAMPLE ID: >BV27E

DATE ANALYZED: 03-27-91

BLANK REPORT

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	5
10.	CARBON TETRACHLORIDE	ND	-
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	10
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,1-DICHLOROETHENE	ND	5
22.	TRANS-1,2-DICHLOROTHENE	ND	5
23.	1,2-DICHLOROPROPANE	ND	5
24.	CIS-1,3-DICHLOROPROPENE	ND	5
25.	TRANS-1,3-DICHLOROPROPENE	ND	5
26.	ETHANOL	ND	10
27.	ETHYLBENZENE	ND	5
28.	ETHYL METHACRYLATE	ND	10
29.	2-HEXANONE	ND	50
30.	IODOMETHANE	ND	10
31.	METHYLENE CHLORIDE	ND	5
32.	4-METHYL-2-PENTANONE	ND	50
33.	STYRENE	ND	5
34.	1,1,2,2-TETRACHLOROETHANE	ND	5
35.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: DEXTER
WORK ORDER NO: 0615
SAMPLE ID: >BV27B

DATE ANALYZED: 03-27-91

BLANK REPORT

GC/MS FOR VOLATILE ORGANICS

EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
36.	TOLUENE	ND	5
37.	1,1,1-TRICHLOROETHANE	ND	5
38.	1,1,2-TRICHLOROETHANE	ND	5
39.	TRICHLOROETHENE	ND	5
40.	TRICHLOROFLUOROMETHANE	ND	10
41.	1,2,3-TRICHLOROPROPANE	ND	10
42.	VINYL ACETATE	ND	50
43.	VINYL CHLORIDE	ND	10
44.	TOTAL XYLENES	ND	5

IM ANALYTICAL LABORATORY

7145 PINE STREET CHAGRIN FALLS, OHIO 44022
(216) 247-1020

№ 4123

Chain-of Custody Record

PROJ. NO.

PROJECT NAME/LOCATION Environmental Solutions Granville

SAMPLERS: (Signature) P. Balcerzak – D. Wilk

STA. NO.	DATE	TIME	COMP.	GRAB.	STATION LOCATION	NO. OF CONTAINERS	PARAMETER 8240							REMARKS
1	3-20-91	12:15	✓		Still Bldg	2	✓							6970 609
2	3-20	4:00	✓		Warehouse Wall	2	✓							71 610
3	3-21	9:30	✓		Warehouse Floor	2	✓							72 611
4	3-21	9:45	✓		Warehouse Floor	2	✓							73 612
5	3-21	10:15	✓		Waste Water Tank	2	✓							74 613
6	3-21	10:00	✓		Sump	1								— Hold Until Further Notice 75
	3-21	9:30	·		Equipment Blank	2	✓							76 615

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
P. Balcerzak	3-21-91 10:15	Bill Petrosky			
Bill Petrosky	3-21-91 2:40 pm	R. Gast			
R. Gast	3-21-91 4:20 pm	Received for Laboratory by: (Signature) Deborah Bodd	Date / Time	Remarks	

WHITE - REMAINS WITH SAMPLE YELLOW - FILE COPY PINK - CUSTOMER COPY

DEXTER

ANALYTICAL REPORT

ANALYTICAL SERVICES

7145 PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247-5000 • FAX (216) 247-7175

THE DEXTER CORPORATION

March 26, 1991

COMPLIANCE SOLUTIONS, INC
40 EAST PIONEER TRAIL
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION	
SAMPLE NUMBER:	6717
SAMPLE DATE:	3-13-91
SAMPLE TIME:	2PM
SAMPLE FROM:	GRANVILLE SOLVENTS WAREHOUSE FLOOR DIRT
PARAMETERS	
ARSENIC (206.2)as As mg/l	<0.001
BARIUM as Ba (208.1) mg/l	1.0
CADMIUM as Cd (213.1) mg/l	0.082
CHROMIUM (218.1) as Cr mg/l	<0.01
LEAD (239.1) as Pb mg/l	0.04
MERCURY (245.1) as Hg mg/l	<0.0002
SELENIUM (270.2) as Se mg/l	0.0006
SILVER (272.1) as Ag mg/l	<0.01
(150.1) Std. Units	7.3
pH, Final, Std. Units	5.0

MARKS:
TCLP ORGANICS TO BE REPORTED AT A LATER DATE
TCLP PERFORMED.

Approved

Ohio E.P.A. Drinking Water Certificate # 1291

THE DEXTER CORPORATION

ANALYTICAL REPORT

ANALYTICAL SERVICES

7145 PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247-5000 • FAX: (216) 247-7175

April 4, 1991

COMPLIANCE SOLUTIONS, INC
196 SOUTH CHILLICOTHE RD.
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION			
SAMPLE NUMBER:	6973	6974	6975
SAMPLE DATE:	3-21-91	3-21-91	3-21-91
SAMPLE TIME:	9:45	10:15	10:00
SAMPLE FROM:	WAREHOUSE FLOOR	WASTE WATER TANK	SUMP
PARAMETERS			
ARSENIC (206.2)as As mg/l	N/A	N/A	<0.02
BARIUM as Ba (208.1) mg/l	N/A	N/A	75.6
CADMIUM as Cd (213.1) mg/l	N/A	N/A	1.82
CHROMIUM (218.1) as Cr mg/l	N/A	N/A	46
LEAD (239.1) as Pb mg/l	N/A	N/A	168
MERCURY (245.1) as Hg mg/l	N/A	N/A	0.19
SELENIUM (270.2) as Se mg/l	N/A	N/A	<0.001
SILVER (272.1) as Ag mg/l	N/A	N/A	0.70

MARKS:
SAMPLE 6975 TOTAL METALS RESULTS ON A DRY BASIS

Approved

Ohio E.P.A. Drinking Water Certificate # 1291

BUSINESS HEALTH
MANAGEMENT

Phone: 216-247-1020
FAX: 216-247-1820

Environmental
Laboratory
7145 Pine Street
Chagrin Falls, OH 44022

WORK ORDER NUMBER: 1196, 1197, 1198, 1199, 1200, 1201

CUSTOMER: COMPLIANCE SOLUTIONS
196 S. CHILLICOTHE
AURORA, OH 44202

CUSTOMER NO: N/A

CONTACT: DIANE WILBUR

SAMPLE DESCRIPTION/SAMPLE ID NO:

	COMPLIANCE ID		BHM ID
6 SAMPLES:	WELL 5D 16-18'	SOLID	1196
	WELL 7 18-20'	SOLID	1197
	WELL 7D 32-34'	SOLID	1198
	EQUIP. BLANK	LIQUID	1199
	WELL DEVELOP	LIQUID	1200
	FIELD BLANK	LIQUID	1201

PROJECT NAME: GRANVILLE SOLVENTS

DATE RECEIVED: JULY 1, 1991

DATE REPORTED: JULY 10, 1991

TESTS REQUESTED: EPA METHOD NO. 8240

REVIEWED BY: [signature]

APPROVED BY: Deborah Buckel

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 07-01-91
WORK ORDER NO: 1197 **DATE REPORTED:** 07-10-91
SAMPLE ID: WELL 7 18-20' SOLID
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	7.60	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	7.27	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 07-01-91
WORK ORDER NO: 1197 **DATE REPORTED:** 07-10-91
SAMPLE ID: WELL 7 18-20' SOLID
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
1.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

NOTE: QUANTITATION ON DRY WEIGHT

% SOLIDS 85%

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 97%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 111%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 110%
ACCEPTABLE LIMITS: 81 - 117%

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 07-01-91
WORK ORDER NO: 1198 **DATE REPORTED:** 07-10-91
SAMPLE ID: WELL 7D 32-34' SOLID
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 07-01-91
WORK ORDER NO: 1198 **DATE REPORTED:** 07-10-91
SAMPLE ID: WELL 7D 32-34' SOLID
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

NOTE: QUANTITATION ON DRY WEIGHT

% SOLIDS 78%

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 75%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 113%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 96%
ACCEPTABLE LIMITS: 81 - 117%

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 07-01-91
WORK ORDER NO: 1199 **DATE REPORTED:** 07-10-91
SAMPLE ID: EQUIP. BLANK LIQUID
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 07-01-91
WORK ORDER NO: 1199 **DATE REPORTED:** 07-10-91
SAMPLE ID: EQUIP. BLANK LIQUID
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 100%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 108%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 92%
ACCEPTABLE LIMITS: 88 - 110%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 07-01-91
WORK ORDER NO: 1200 DATE REPORTED: 07-10-91
SAMPLE ID: WELL DEVELOP LIQUID D
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	25.76	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	553.75	5
24.	TRANS-1,2-DICHLOROTHENE	14.96	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	283.83	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 07-01-91
WORK ORDER NO: 1200 **DATE REPORTED:** 07-10-91
SAMPLE ID: WELL DEVELOP LIQUID
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	311.35	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	281.12	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 104%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 113%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 99%
ACCEPTABLE LIMITS: 88 - 110%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 07-01-91
WORK ORDER NO: 1201 DATE REPORTED: 07-10-91
SAMPLE ID: FIELD BLANK LIQUID
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	36.19	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	3.91	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 07-01-91
WORK ORDER NO: 1201 **DATE REPORTED:** 07-10-91
SAMPLE ID: FIELD BLANK LIQUID
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 101%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 109%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 93%
ACCEPTABLE LIMITS: 88 - 110%

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 1196 --> 1201
SAMPLE ID: >BK04B

DATE ANALYZED: 07-04-91

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
1.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS **DATE ANALYZED:** 07-04-91
WORK ORDER NO: 1196 --> 1201
SAMPLE ID: >BK04B

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

BHM BUSINESS HEALTH MANAGEMENT

Phone: 216-247-1020
FAX: 216-247-1820

Environmental
Laboratory
7145 Pine Street
Chagrin Falls, OH 44022

WORK ORDER NUMBER: 1193 --> 1195

CUSTOMER: COMPLIANCE SOLUTIONS
196 S. CHILLICOTHE
AURORA, OH 44202

CUSTOMER NO: N/A

CONTACT: DIANE WILBUR

SAMPLE DESCRIPTION/SAMPLE ID NO:

	COMPLIANCE ID		BHM ID
3 SAMPLES:	TRIP BLANK	LIQUID	1193
	EQUIPMENT BLANK	LIQUID	1194
	BOREHOLE 4 D	SOIL	1195
	PROJECT NAME:	GRANVILLE	

DATE RECEIVED: JUNE 26, 1991

DATE REPORTED: JULY 9, 1991

TESTS REQUESTED: EPA METHOD NO. 8240

REVIEWED BY:

APPROVED BY: Deborah L Buckel

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 06-26-91
WORK ORDER NO: 1194 **DATE REPORTED:** 07-09-91
SAMPLE ID: EQUIPMENT BLANK LIQUID
PROJECT NAME: GRANVILLE

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	[illegible]
11.	CHLOROBENZENE	ND	
12.	CHLORODIBROMOMETHANE	ND	[illegible]
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 06-26-91
WORK ORDER NO: 1194 **DATE REPORTED:** 07-09-91
SAMPLE ID: EQUIPMENT BLANK LIQUID
PROJECT NAME: GRANVILLE

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 106%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 107%
ACCEPTABLE LIMITS: 76 - 114%

URROGATE SPIKE % RECOVERY: TOLUENE D8 = 109%
ACCEPTABLE LIMITS: 88 - 110%

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 06-26-91
WORK ORDER NO: 1195 **DATE REPORTED:** 07-09-91
SAMPLE ID: BOREHOLE 4 D SOIL
PROJECT NAME: GRANVILLE

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
1.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	161.59	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 06-26-91
WORK ORDER NO: 1195 **DATE REPORTED:** 07-09-91
SAMPLE ID: BOREHOLE 4 D SOIL
PROJECT NAME: GRANVILLE

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	40.92	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	155.22	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	43.30	5

NOTE: QUANTITATION ON DRY WEIGHT

% SOLIDS = 87%

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 101%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 116%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 99%
ACCEPTABLE LIMITS: 81 - 117%

CUSTOMER: COMPLIANCE SOLUTIONS **DATE ANALYZED:** 07-01-91
WORK ORDER NO: 1193, 1194, 1195
SAMPLE ID: >BV01C

BLANK REPORT

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS **DATE ANALYZED:** 07-01-91
WORK ORDER NO: 1193, 1194, 1195
SAMPLE ID: >BV01C

BLANK REPORT

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

DEXTER

ANALYTICAL SERVICES

ANALYTICAL REPORT

1145 PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247-5000 • FAX: (216) 247-7175

THE DEXTER CORPORATION

September 12, 1991

COMPLIANCE SOLUTIONS, INC
196 SOUTH CHILLICOTHE RD.
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION			
SAMPLE NUMBER:	12518	12519	12520
SAMPLE DATE:	8-28-91	8-28-91	8-28-91
SAMPLE TIME:	1:45PM	2:30PM	4:00PM
SAMPLE FROM:	GRANVILLE SOLVENTS SUMP 2 FEET BELOW	GRANVILLE SOLVENTS SUMP 5 FEET BELOW	GRANVILLE SOLVENTS SUMP DIRT WASTE
PARAMETERS			
ALUMINUM as Al (202.1) mg/l	232	220	N/A
ANTIMONY (204.2) as Sb mg/l	2.2	1.6	13
ARSENIC (206.2)as As mg/l	11.95	11.63	N/A
BARIUM as Ba (208.1) mg/l	25	34.4	N/A
BERYLLIUM as Be (210.1) mg/l	2	1.8	2.4
CADMIUM as Cad (213.2) mg/l	1.08	0.60	N/A
CALCIUM as Ca (215.1) mg/l	8000	22000	N/A
CHROMIUM (218.1) as Cr mg/l	17.8	6.4	N/A
CHROMIUM HEX mg/l	N/A	N/A	<0.01
COBALT (219.1) as Co mg/l	7.8	7.2	7.4
COPPER (220.1) as Cu mg/l	7	4	7
IRON (232.2) as Fe mg/l	2420	1860	N/A
LEAD (239.1) as Pb mg/l	119.2	19.6	N/A
MAGNESIUM (242.1) as Mg mg/l	2390	8400	N/A
MANGANESE (243.1) as Mn mg/l	175.4	168.6	40
MOLYBDENUM (246.1) as Mo mg/l	N/A	N/A	24.4
MERCURY (245.1) as Hg mg/l	22.83	<0.0002	N/A
NICKEL (249.1) as Ni mg/l	11.8	20.8	9.6
POTASSIUM (258.1) as K mg/l	95	105	105
SELENIUM (270.2) as Se mg/l	<0.02	<0.02	N/A
SILICON (303A) as Si mg/l	N/A	N/A	63.7
SILVER (272.1) as Ag mg/l	0.40	0.40	N/A
SODIUM (273.1) as Na mg/l	50	60	50
THALLIUM (279.1)as Tl mg/l	3.4	8.4	5.4
VANADIUM (286.1) as V mg/l	86	98	102
ZINC (289.1) as Zn mg/l	69	19	87

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1497 **DATE REPORTED:** 09-17-91
SAMPLE ID: #2 8/28/91 SUMP 2' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

PCB ANALYSIS

EPA METHOD NO. 8080

	PARAMETER	RESULTS (MG/KG)	DETECTION LIMIT (MG/KG)
1.	AROCHLOR 1242	ND	1.0
2.	AROCHLOR 1254	ND	1.0
3.	AROCHLOR 1221	ND	1.0
4.	AROCHLOR 1232	ND	1.0
5.	AROCHLOR 1248	ND	1.0
6.	AROCHLOR 1260	ND	1.0
7.	AROCHLOR 1016	ND	1.0

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1497 **DATE REPORTED:** 09-17-91
SAMPLE ID: #2 8/28/91 SUMP 2' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

ORGANOCHLORINE PESTICIDES/HERBICIDES

EPA METHOD NO. 8080

	PARAMETER	RESULTS (UG/KG)	DETECTION LIMIT (UG/KG)
1.	ALPHA-BHC	<300.00	300.00
2.	GAMMA-BHC	ND	300.00
3.	BETA-BHC	710.96	300.00
4.	HEPTACHLOR	ND	300.00
5.	DELTA-BHC	ND	900.00
6.	ALDRIN	ND	400.00
7.	HEPTACHLOR EPOXIDE	ND	8300.00
8.	ENDOSULFAN 1	ND	1400.00
9.	4,4'-DDE	ND	400.00
10.	DIELDRIN	ND	200.00
11.	ENDRIN	ND	600.00
12.	4,4-DDD	ND	1100.00
13.	ENDOSULFAN II	ND	400.00
14.	4,4'-DDT	ND	1200.00
15.	ENDRIN ALDEHYDE	ND	2300.00
16.	ENDOSULFAN SULFATE	ND	6600.00
17.	CHLORODANE	ND	1400.00
18.	TOXAPHENE	ND	24000.00

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 08-29-91
WORK ORDER NO: 1497 DATE REPORTED: 09-17-91
SAMPLE ID: #2 8/28/91 SUMP 2' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	153.4	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	123.5	5
23.	CIS-1,2-DICHLOROETHENE	2731.9	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	395.2	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	17544.0	5

(CONT'D)

BHP ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1497 **DATE REPORTED:** 09-17-91
SAMPLE ID: #2 8/28/91 SUMP 2' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	1639.1	5
38.	1,1,1-TRICHLOROETHANE	12594.3	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	1241.6	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	991.1	5

DRY WEIGHT = 75%

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 93%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 89%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 98%
ACCEPTABLE LIMITS: 81 - 117%

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1497 **DATE REPORTED:** 09-17-91
SAMPLE ID: #2 8/28/91 SUMP 2' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

PRACTICAL QUANTITATION LIMITS FOR SEMIVOLATILE ORGANICS
EPA METHOD NO. 8270

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACENAPHTHENE	ND	660
2.	ACENAPHTYLENE	ND	660
3.	ANTHRACENE	ND	660
4.	BENZO(A)ANTHRACENE	ND	660
5.	BENZO(A)PYRENE	ND	660
6.	BENZO(B)FLUORANTHENE	ND	660
7.	BENZO(K)FLUORANTHENE	ND	660
8.	BENZO(GHI)PERYLENE	ND	660
9.	BENZOIC ACID	ND	3300
10.	BENZYL ALCOHOL	ND	1300
11.	BIS(2-CHLOROETHOXY)METHANE	ND	660
12.	BIS(2-CHLOROETHYL)ETHER	ND	660
13.	BIS(2-CHLOROISOPROPYL)ETHER	ND	660
14.	BIS(2-ETHYLHEXYL)PHTHALATE	16,600.0	660
15.	4-BROMOPHENYL PHENYL ETHER	ND	660
16.	BUTYL BENZYL PHTHALATE	ND	660
17.	4-CHLOROANILINE	ND	1300
18.	CHLOROBENZILATE	ND	660
19.	4-CHLORO-3-METHYLPHENOL	ND	1300
20.	2-CHLORONAPHTHALENE	ND	660
21.	2-CHLOROPHENOL	ND	660
22.	4-CHLOROPHENYL PHENYL ETHER	ND	660
23.	CHRYSENE	ND	660
24.	DIBENZO(A,H)ANTHRACENE	ND	660
25.	DIBENZOFURAN	ND	660
26.	DI-N-BUTYL PHTHALATE	ND	660
27.	1,2-DICHLOROBENZENE	ND	660
28.	1,3-DICHLOROBENZENE	ND	660
29.	1,4-DICHLOROBENZENE	ND	660
30.	3,3'-DICHLOROBENZIDINE	ND	1300
31.	2,4-DICHLOROPHENOL	ND	660
32.	DIETHYL PHTHALATE	ND	660
33.	2,4-DIMETHYLPHENOL	ND	3300
34.	DIMETHYL PHTHALATE	ND	660
35.	4,6-DINITRO-2-METHYLPHENOL	ND	3300

(CONT'D)

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1497 **DATE REPORTED:** 09-17-91
SAMPLE ID: #2 8/28/91 SUMP 2' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

PRACTICAL QUANTITATION LIMITS FOR SEMIVOLATILE ORGANICS

EPA METHOD NO. 8270

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
36.	2,4-DINITROPHENOL	ND	3300
.	2,4-DINITROTOLUENE	ND	660
38.	2,6-DINITROTOLUENE	ND	660
39.	DI-N-OCTYL PHTHALATE	ND	660
40.	FLUORANTHENE	2960.0	660
41.	FLUORENE	ND	660
42.	HEXACHLOROBENZENE	ND	660
43.	HEXACHLOROBUTADIENE	ND	3300
44.	HEXACHLOROCYCLOPENTADIENE	ND	3300
45.	HEXACHLOROETHANE	ND	660
46.	INDENO(1,2,3-CD)PYRENE	ND	660
47.	ISOPHORONE	ND	660
48.	2-METHYLNAPHTHALENE	1440.0	3300
49.	2-METHYLPHENOL	ND	660
50.	4-METHYLPHENOL	ND	660
51.	NAPHTHALENE	ND	660
52.	2-NITROANILINE	ND	3300
	3-NITROANILINE	ND	3300
54.	4-NITROANILINE	ND	3300
55.	NITROBENZENE	ND	660
56.	2-NITROPHENOL	ND	660
57.	4-NITROPHENOL	ND	660
58.	N-NITROSODIPHENYLAMINE	ND	660
59.	N-NITROSO-DI-N-PROPYLAMINE	ND	660
60.	PENTACHLOROPHENOL	ND	3300
61.	PHENANTHRENE	4580.0	660
62.	PYRENE	1670.0	660
63.	1,2,4-TRICHLOROBENZENE	ND	660
64.	2,4,5-TRICHLOROPHENOL	ND	660
65.	2,4,6-TRICHLOROPHENOL	ND	660

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1497 **DATE REPORTED:** 09-17-91
SAMPLE ID: #2 8/28/91 SUMP 2' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: PHENOL D6 = 51%
ACCEPTABLE LIMITS: 24 - 113%

SURROGATE SPIKE % RECOVERY: 2-FLUOROPHENOL = 50%
ACCEPTABLE LIMITS: 25 - 121%

SURROGATE SPIKE % RECOVERY: 2,4,6 TRIBROMOPHENOL = 86%
ACCEPTABLE LIMITS: 19 - 122%

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1498 **DATE REPORTED:** 09-17-91
SAMPLE ID: #5 8/28/91 SUMP 5' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

PCB ANALYSIS

EPA METHOD NO. 8080

	PARAMETER	RESULTS (MG/KG)	DETECTION LIMIT (MG/KG)
1.	AROCHLOR 1242	ND	1.0
2.	AROCHLOR 1254	ND	1.0
3.	AROCHLOR 1221	ND	1.0
4.	AROCHLOR 1232	ND	1.0
5.	AROCHLOR 1248	ND	1.0
6.	AROCHLOR 1260	ND	1.0
7.	AROCHLOR 1016	ND	1.0

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1498 **DATE REPORTED:** 09-17-91
SAMPLE ID: #5 8/28/91 SUMP 5' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

ORGANOCHLORINE PESTICIDES/HERBICIDES

EPA METHOD NO. 8080

	PARAMETER	RESULTS (UG/KG)	DETECTION LIMIT (UG/KG)
1.	ALPHA-BHC	ND	300.00
2.	GAMMA-BHC	ND	300.00
3.	BETA-BHC	ND	300.00
4.	HEPTACHLOR	ND	300.00
5.	DELTA-BHC	ND	900.00
6.	ALDRIN	ND	400.00
7.	HEPTACHLOR EPOXIDE	ND	8300.00
8.	ENDOSULFAN 1	ND	1400.00
9.	4,4'-DDE	ND	400.00
10.	DIELDRIN	ND	200.00
11.	ENDRIN	ND	600.00
12.	4,4-DDD	ND	1100.00
13.	ENDOSULFAN II	ND	400.00
14.	4,4'-DDT	ND	1200.00
15.	ENDRIN ALDEHYDE	ND	2300.00
16.	ENDOSULFAN SULFATE	ND	6600.00
17.	CHLORODANE	ND	1400.00
18.	TOXAPHENE	ND	24000.00

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1498 **DATE REPORTED:** 09-17-91
SAMPLE ID: #5 8/28/91 SUMP 5' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	59.8	5
1.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	90.7	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	1202.5	5

(CONT'D)

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1498 **DATE REPORTED:** 09-17-91
SAMPLE ID: #5 8/28/91 SUMP 5' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	311.5	5
38.	1,1,1-TRICHLOROETHANE	1447.8	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	107.6	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	178.2	5

DRY WEIGHT = 86%

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 91%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 86%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 94%
ACCEPTABLE LIMITS: 81 - 117%

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1498 **DATE REPORTED:** 09-17-91
SAMPLE ID: #5 8/28/91 SUMP 5' SOIL
PROJECT NAME: GRANVILLE SOLVENTS

PRACTICAL QUANTITATION LIMITS FOR SEMIVOLATILE ORGANICS
EPA METHOD NO. 8270

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACENAPHTHENE	ND	660
2.	ACENAPHTYLENE	ND	660
3.	ANTHRACENE	ND	660
4.	BENZO(A)ANTHRACENE	ND	660
5.	BENZO(A)PYRENE	ND	660
6.	BENZO(B)FLUORANTHENE	ND	660
7.	BENZO(K)FLUORANTHENE	ND	660
8.	BENZO(GHI)PERYLENE	ND	660
9.	BENZOIC ACID	ND	3300
10.	BENZYL ALCOHOL	ND	1300
11.	BIS(2-CHLOROETHOXY)METHANE	ND	660
12.	BIS(2-CHLOROETHYL)ETHER	ND	660
13.	BIS(2-CHLOROISOPROPYL)ETHER	ND	660
14.	BIS(2-ETHYLHEXYL)PHTHALATE	1951.0	660
15.	4-BROMOPHENYL PHENYL ETHER	ND	660
16.	BUTYL BENZYL PHTHALATE	ND	660
17.	4-CHLOROANILINE	ND	1300
18.	CHLOROBENZILATE	ND	660
	4-CHLORO-3-METHYLPHENOL	ND	1300
20.	2-CHLORONAPHTHALENE	ND	660
21.	2-CHLOROPHENOL	ND	660
22.	4-CHLOROPHENYL PHENYL ETHER	ND	660
23.	CHRYSENE	ND	660
24.	DIBENZO(A,H)ANTHRACENE	ND	660
25.	DIBENZOFURAN	ND	660
26.	DI-N-BUTYL PHTHALATE	870.0	660
27.	1,2-DICHLOROBENZENE	309.0	660
28.	1,3-DICHLOROBENZENE	ND	660
29.	1,4-DICHLOROBENZENE	ND	660
30.	3,3'-DICHLOROBENZIDINE	ND	1300
31.	2,4-DICHLOROPHENOL	ND	660
32.	DIETHYL PHTHALATE	ND	660
33.	2,4-DIMETHYLPHENOL	ND	3300
34.	DIMETHYL PHTHALATE	ND	660
35.	4,6-DINITRO-2-METHYLPHENOL	ND	3300

(CONT'D)

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1497, 1498 **DATE REPORTED:** 09-17-91
SAMPLE ID: #2 8/28/91 SUMP 2' SOIL
#5 8/28/91 SUMP 5' SOIL

BLANK REPORT
GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 08-29-91
WORK ORDER NO: 1497, 1498 **DATE REPORTED:** 09-17-91
SAMPLE ID: #2 8/28/91 SUMP 2' SOIL
#5 8/28/91 SUMP 5' SOIL

BLANK REPORT
GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

THE DEXTER CORPORATION

ANALYTICAL REPORT

ANALYTICAL SERVICES

7145 PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247-5000 • FAX: (216) 247-7175

September 17, 1991

COMPLIANCE SOLUTIONS, INC
196 SOUTH CHILLICOTHE RD.
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION	
SAMPLE NUMBER:	12521
SAMPLE DATE:	8-28-91
SAMPLE TIME:	4:00PM
SAMPLE FROM:	GRANVILLE SOLVENTS SUMP DIRT WASTE TCLP

PARAMETERS	
CADMIUM as Cad (213.2) mg/l	<0.001
CHROMIUM (218.1) as Cr mg/l	<0.01
LEAD (239.1) as Pb mg/l	0.15
MERCURY (245.1) as Hg mg/l	<0.0002
pH (150.1) Std. Units	6.67
pH, Final, Std. Units	5.29
TOTAL ORGANIC CARBON (TOC)	16200

Approved

Ohio E.P.A. Drinking Water Certificate # 1291

BusinessHealth

ENVIRONMENTAL LABORATORY

WORK ORDER NUMBER: 1693

CUSTOMER: COMPLIANCE SOLUTIONS
196 S. CHILLICOTHE
AURORA, OH 44202

CUSTOMER NO: N/A

CONTACT: DIANE WILBUR

SAMPLE DESCRIPTION/SAMPLE ID NO:

	COMPLIANCE ID	BHM ID
1 SAMPLE:	STA. NO. 1 9/30/91 0 - 1 1/2' SOIL	1693

NORTHWEST CORNER WAREHOUSE

PROJECT NAME: GRANVILLE SOLVENTS

DATE RECEIVED: OCTOBER 2, 1991

DATE REPORTED: OCTOBER 22, 1991

TESTS REQUESTED: TARGET COMPOUND LIST:
- EPA METHOD NO. 8240
- EPA METHOD NO. 8270

- EPA METHOD NO. 8080
PCB/PESTICIDES

REVIEWED BY: [signature] **APPROVED BY:** Deborah Beard

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-02-91
WORK ORDER NO: 1693 **DATE REPORTED:** 10-22-91
SAMPLE ID: STA. NO. 1 9/30/91 0 - 1 1/2'
SOIL
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (MG/KG)	PRACTICAL QUANTITATION LIMITS (MG/KG)
37.	TOLUENE	160.6	2.5
38.	1,1,1-TRICHLOROETHANE	242.9	2.5
39.	1,1,2-TRICHLOROETHANE	ND	2.5
40.	TRICHLOROETHENE	202.3	2.5
41.	TRICHLOROFLUOROMETHANE	ND	2.5
42.	1,2,3-TRICHLOROPROPANE	ND	2.5
43.	VINYL ACETATE	ND	2.5
44.	VINYL CHLORIDE	ND	2.5
45.	TOTAL XYLENES	297.3	2.5

NOTE: DETECTION LIMITS 2.5 MG/KG DUE TO SAMPLE MATRIX

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 83%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 100%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 103%
ACCEPTABLE LIMITS: 81 - 117%

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-02-91
WORK ORDER NO: 1693 **DATE REPORTED:** 10-22-91
SAMPLE ID: STA. NO. 1 9/30/91 0 - 1 1/2'
SOIL
PROJECT NAME: GRANVILLE SOLVENTS

PRACTICAL QUANTITATION LIMITS FOR SEMIVOLATILE ORGANICS
EPA METHOD NO. 8270

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	2,4-DINITROPHENOL	ND	3300
38.	2,4-DINITROTOLUENE	ND	660
39.	2,6-DINITROTOLUENE	ND	660
40.	DI-N-OCTYL PHTHALATE	ND	660
41.	1,2-DIPHENYLHYDRAZINE	ND	660
42.	FLUORANTHENE	ND	660
43.	FLUORENE	ND	660
44.	HEXACHLOROBENZENE	ND	3300
45.	HEXACHLOROBUTADIENE	ND	3300
46.	HEXACHLOROCYCLOPENTADIENE	ND	660
47.	HEXACHLOROETHANE	ND	660
48.	INDENO(1,2,3-CD)PYRENE	ND	660
49.	ISOPHORONE	ND	660
50.	2-METHYLNAPHTHALENE	ND	3300
51.	2-METHYLPHENOL	ND	660
52.	4-METHYLPHENOL	ND	660
53.	NAPHTHALENE	6060	660
4.	2-NITROANILINE	ND	3300
55.	3-NITROANILINE	ND	3300
56.	4-NITROANILINE	ND	3300
57.	NITROBENZENE	ND	660
58.	2-NITROPHENOL	ND	660
59.	4-NITROPHENOL	ND	660
60.	N-NITROSODIMETHYLAMINE	ND	660
61.	N-NITROSODIPHENYLAMINE	ND	660
62.	N-NITROSO-DI-N-PROPYLAMINE	ND	660
63.	PENTACHLOROPHENOL	ND	3300
64.	PHENANTHRENE	ND	660
65.	PHENOL	ND	3300
66.	PYRENE	ND	660
67.	1,2,4-TRICHLOROBENZENE	ND	660
68.	2,4,5-TRICHLOROPHENOL	ND	660
69.	2,4,6-TRICHLOROPHENOL	ND	660
70.	2,3,7,8-TETRACHLORO-DIBENZO P DIOXINE	ND	---

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-02-91
WORK ORDER NO: 1693 **DATE REPORTED:** 10-22-91
SAMPLE ID: STA. NO. 1 9/30/91 0 - 1 1/2'
SOIL
PROJECT NAME: GRANVILLE SOLVENTS

PCB ANALYSIS

EPA METHOD NO. 8080

	PARAMETER	RESULTS (MG/KG)	DETECTION LIMIT (MG/KG)
1.	AROCHLOR 1242	<1.0	1.0
2.	AROCHLOR 1254	<1.0	1.0
3.	AROCHLOR 1221	<1.0	1.0
4.	AROCHLOR 1232	<1.0	1.0
5.	AROCHLOR 1248	<1.0	1.0
6.	AROCHLOR 1260	<1.0	1.0
7.	AROCHLOR 1016	<1.0	1.0

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-02-91
WORK ORDER NO: 1693 **DATE REPORTED:** 10-22-91
SAMPLE ID: STA. NO. 1 9/30/91 0 - 1 1/2'
SOIL
PROJECT NAME: GRANVILLE SOLVENTS

ORGANOCHLORINE PESTICIDES/HERBICIDES

EPA METHOD NO. 8080

	PARAMETER	RESULTS (UG/KG)	DETECTION LIMIT (UG/KG)
1.	ALPHA-BHC	62.3	30.00
2.	GAMMA-BHC	ND	30.00
3.	BETA-BHC	436.7	30.00
4.	HEPTACHLOR	ND	30.00
5.	DELTA-BHC	ND	90.00
6.	ALDRIN	ND	40.00
7.	HEPTACHLOR EPOXIDE	ND	830.00
8.	ENDOSULFAN 1	ND	140.00
9.	4,4'-DDE	ND	40.00
10.	DIELDRIN	ND	20.00
11.	ENDRIN	ND	60.00
12.	4,4-DDD	ND	110.00
13.	ENDOSULFAN II	ND	40.00
14.	4,4'-DDT	ND	120.00
15.	ENDRIN ALDEHYDE	ND	230.00
16.	ENDOSULFAN SULFATE	ND	660.00
17.	CHLORODANE	ND	140.00
18.	TOXAPHENE	ND	2400.00

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE ANALYZED:** 10-06-91
WORK ORDER NO: 1693
SAMPLE ID: >BK06A

BLANK REPORT
GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (MG/KG)	PRACTICAL QUANTITATION LIMITS (MG/KG)
1.	ACETONE	ND	2.5
2.	ACROLEIN	ND	2.5
3.	ACRYLONITRILE	ND	2.5
4.	BENZENE	ND	2.5
5.	BROMODICHLOROMETHANE	ND	2.5
6.	BROMOFORM	ND	2.5
7.	BROMOMETHANE	ND	2.5
8.	2-BUTANONE	ND	2.5
9.	CARBON DISULFIDE	ND	2.5
10.	CARBON TETRACHLORIDE	ND	2.5
11.	CHLOROBENZENE	ND	2.5
12.	CHLORODIBROMOMETHANE	ND	2.5
13.	CHLOROETHANE	ND	2.5
14.	2-CHLOROETHYL VINYL ETHER	ND	2.5
15.	CHLOROFORM	ND	2.5
16.	CHLOROMETHANE	ND	2.5
17.	DIBROMOMETHANE	ND	2.5
18.	1,4-DICHLORO-2-BUTANE	ND	2.5
19.	DICHLORODIFLUOROMETHANE	ND	2.5
[illegible].	1,1-DICHLOROETHANE	ND	2.5
21.	1,2-DICHLOROETHANE	ND	2.5
22.	1,1-DICHLOROETHENE	ND	2.5
23.	CIS-1,2-DICHLOROETHENE	ND	2.5
24.	TRANS-1,2-DICHLOROTHENE	ND	2.5
25.	1,2-DICHLOROPROPANE	ND	2.5
26.	CIS-1,3-DICHLOROPROPENE	ND	2.5
27.	TRANS-1,3-DICHLOROPROPENE	ND	2.5
28.	ETHYLBENZENE	ND	2.5
29.	ETHYL METHACRYLATE	ND	2.5
30.	2-HEXANONE	ND	2.5
31.	IODOMETHANE	ND	2.5
32.	METHYLENE CHLORIDE	ND	2.5
33.	4-METHYL-2-PENTANONE	ND	2.5
34.	STYRENE	ND	2.5
35.	1,1,2,2-TETRACHLOROETHANE	ND	2.5
36.	TETRACHLOROETHENE	ND	2.5

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE ANALYZED:** 10-06-91
WORK ORDER NO: 1693
SAMPLE ID: >BK06A

BLANK REPORT
GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (MG/KG)	PRACTICAL QUANTITATION LIMITS (MG/KG)
37.	TOLUENE	ND	2.5
38.	1,1,1-TRICHLOROETHANE	ND	2.5
39.	1,1,2-TRICHLOROETHANE	ND	2.5
40.	TRICHLOROETHENE	ND	2.5
41.	TRICHLOROFLUOROMETHANE	ND	2.5
42.	1,2,3-TRICHLOROPROPANE	ND	2.5
43.	VINYL ACETATE	ND	2.5
44.	VINYL CHLORIDE	ND	2.5
45.	TOTAL XYLENES	ND	2.5

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-02-91
WORK ORDER NO: 1693 **DATE REPORTED:** 10-22-91
SAMPLE ID: STA. NO. 1 9/30/91 0 - 1 1/2'
SOIL
PROJECT NAME: GRANVILLE SOLVENTS

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: FLUOROBIPHENYL = 88%
ACCEPTABLE LIMITS: 30 - 115%

URROGATE SPIKE % RECOVERY: FLUOROPHENOL = 36%
ACCEPTABLE LIMITS: 25 - 121%

SURROGATE SPIKE % RECOVERY: PHENOL D6 = 65%
ACCEPTABLE LIMITS: 24 - 113%

DEXTER

ANALYTICAL REPORT

ANALYTICAL SERVICES

[illegible] PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247-5000 • FAX (216) 247-[illegible]

THE DEXTER CORPORATION

October 17, 1991

COMPLIANCE SOLUTIONS, INC
196 SOUTH CHILLICOTHE RD.
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION	
SAMPLE NUMBER:	13668
SAMPLE DATE:	9-30-91
	NW CORNER
SAMPLE FROM:	GRANVILLE WAREHOUSE
PARAMETERS	
ALUMINUM as Al (202.1) mg/l	100
ANTIMONY as Sb (204.2) mg/l	<0.05
ARSENIC (206.2)as As mg/l	2.325
BARIUM as Ba (208.1) mg/l	60
BERYLLIUM as Be (210.1) mg/l	0.50
CADMIUM as Cd (213.1) mg/l	0.400
CALCIUM as Ca (215.1) mg/l	1000
CHROMIUM (218.1) as Cr mg/l	7.6
COBALT (219.2) as Co mg/l	9.30
COPPER (220.1) as Cu mg/l	16
IRON (236.1) as Fe mg/l	290
LEAD (239.1) as Pb mg/l	10
MAGNESIUM (242.1) as Mg mg/l	1900
MANGANESE (243.1) as Mn mg/l	335
MERCURY (245.1) as Hg mg/l	5.910
NICKEL (249.2) as Ni mg/l	26
POTASSIUM (258.1) as K mg/l	1000
SELENIUM (270.2) as Se mg/l	<0.0001
SILVER (272.1) as Ag mg/l	<0.01
SODIUM (273.1) as Na mg/l	9.0
THALLIUM (279.1)as Tl mg/l	1.0
VANADIUM (286.1) as V mg/l	31
ZINC (289.1) as Zn mg/l	34.0
CYANIDE, TOTAL (335.2) mg/l	0.03

Approved

Ohio E.P.A. Drinking Water Certificate # 1291

BusinessHealth

ENVIRONMENTAL LABORATORY

WORK ORDER NUMBER: 1791, 1792, 1793, 1794, 1795

CUSTOMER: COMPLIANCE SOLUTIONS
196 S. CHILLICOTHE
AURORA, OH 44202

CUSTOMER NO: N/A

CONTACT: DIANE WILBUR

SAMPLE DESCRIPTION/SAMPLE ID NO:

	COMPLIANCE ID				BHM ID
5 SAMPLES:	P1	10/10/91	3'	SOIL	1791
	P1	10/10/91	20'	SOIL	1792
	P1	10/10/91	26'	SOIL	1793
	P1	10/10/91		GROUNDWATER	1794
		10/10/91		TRIP BLANK	1795

PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

DATE RECEIVED: OCTOBER 11, 1991

DATE REPORTED: OCTOBER 17, 1991

TESTS REQUESTED: EPA METHOD NO. 8240

REVIEWED BY: **APPROVED BY:** Deborah L Buda

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1791 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 3' SOIL
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	23.1	5
38.	1,1,1-TRICHLOROETHANE	393.2	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	1840.5	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	8.8	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 100%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 113%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 94%
ACCEPTABLE LIMITS: 81 - 117%

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1792 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 20' SOIL
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	40.65	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	226.94	5

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1792 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 20' SOIL
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	196.31	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	1132.05	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	[illegible]
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 102%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 119%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 96%
ACCEPTABLE LIMITS: 81 - 117%

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1793 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 26' SOIL
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	22.1	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	187.6	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	2253.9	5

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1793 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 26' SOIL
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	1367.8	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	2741.9	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 91%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 99%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 105%
ACCEPTABLE LIMITS: 81 - 117%

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1794 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 GROUNDWATER
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	39.80	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	34.4	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	32.76	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	228.8	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	1627.9	5

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1794 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 GROUNDWATER
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	1635.3	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	2576.9	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	[illegible]
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 107%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 95%
ACCEPTABLE LIMITS: 88 - 110%

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1795 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 TRIP BLANK
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 108%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 104%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 92%
ACCEPTABLE LIMITS: 88 - 110%

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE ANALYZED:** 10-14-91
WORK ORDER NO: 1791--1795
SAMPLE ID: >BK14A

BLANK REPORT

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE ANALYZED:** 10-14-91
WORK ORDER NO: 1791--1795
SAMPLE ID: >BK14A

BLANK REPORT

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1791 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 3' SOIL
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	117.1	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	55.2	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	51.6	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	177.3	5

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1792 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 20' SOIL
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	40.65	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	226.94	5

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1792 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 20' SOIL
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	196.31	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	1132.05	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 102%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 119%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 96%
ACCEPTABLE LIMITS: 81 - 117%

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1793 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 26' SOIL
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	22.1	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	187.6	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	2253.9	5

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1793 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 26' SOIL
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	1367.8	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	2741.9	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 91%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 99%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 105%
ACCEPTABLE LIMITS: 81 - 117%

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1794 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 GROUNDWATER
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	39.80	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	34.4	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	32.76	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	228.8	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	1627.9	5

BHM ENVIRONMENTAL LABORATORY

CUSTOMER: COMPLIANCE SOLUTIONS **DATE RECEIVED:** 10-11-91
WORK ORDER NO: 1794 **DATE REPORTED:** 10-17-91
SAMPLE ID: P1 10/10/91 GROUNDWATER
PROJECT NAME: GRANVILLE SOLVENTS
WAREHOUSE DOOR P1

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	1635.3	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	2576.9	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 107%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 95%
ACCEPTABLE LIMITS: 88 - 110%

BUSINESS HEALTH
MANAGEMENT

Phone: 216-247-1020
FAX: 216-247-1820

Environmental
Laboratory
7145 Pine Street
Chagrin Falls, OH 44022

WORK ORDER NUMBER: 1079 --> 1085

CUSTOMER: COMPLIANCE SOLUTIONS
196 S. CHILLICOTHE
AURORA, OH 44202

CUSTOMER NO: N/A

CONTACT: DIANE WILBUR

SAMPLE DESCRIPTION/SAMPLE ID NO:

	COMPLIANCE ID		BHM ID
7 SAMPLES:	STA NO. 1	FLOOR DIRT DRUMS	1079
	STA NO. 2	IRON SCALE DRUMS	1080
	STA NO. 3	WASTEWATER TANK A	1081
	STA NO. 4	WASTEWATER TANK B	1082
	STA NO. 5	EQUIP. BLANK A	1083
	STA NO. 6	EQUIP. BLANK B	1084
	STA NO. 7	TRIP BLANK	1085

PROJECT NAME: GRANVILLE SOLVENTS

DATE RECEIVED: JUNE 13, 1991

DATE REPORTED: JUNE 26, 1991

TESTS REQUESTED: SAMPLES 1079 - 1085: EPA METHOD NO. 8240
SAMPLES 1079 & 1083: TOTAL METALS

REVIEWED BY:

APPROVED BY: Deborah L. Beach

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1079 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 1 FLOOR DIRT DRUMS
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	69.49	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	1122.22	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1079 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 1 FLOOR DIRT DRUMS
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	76.30	5
38.	1,1,1-TRICHLOROETHANE	581.90	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	998.22	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	519.49	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 105%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 104%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 94%
ACCEPTABLE LIMITS: 81 - 117%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1079 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 1 FLOOR DIRT DRUMS
PROJECT NAME: GRANVILLE SOLVENTS

TOTAL METALS
METALS METHOD 6010
EXTRACTION METHOD 3050

	PARAMETER	RESULTS (MG/KG)	INSTRUMENT DETECTION LIMIT (MG/KG)
1.	ARSENIC	14.0	1.0
2.	BARIUM	847.8	0.5
3.	CADMIUM	7.60	1.0
4.	CHROME	189.9	2.0
5.	LEAD	543.3	[illegible]
6.	MERCURY	0.65	1.0
7.	SELENIUM	<1.00	2.0
8.	SILVER	<0.25	1.0
9.	NICKEL	49.25	1.0

NOTE: DETECTION LIMITS MAY VARY DUE TO SAMPLE MATRIX

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1080 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 2 IRON SCALE DRUMS
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	1407.58	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	168,004.34	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	39.21	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	225.26	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	1334.70	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	1530.25	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	582.59	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1080 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 2 IRON SCALE DRUMS
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/KG)	PRACTICAL QUANTITATION LIMITS (UG/KG)
37.	TOLUENE	1577.21	5
38.	1,1,1-TRICHLOROETHANE	183.77	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	85.60	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	5972.69	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 97%
ACCEPTABLE LIMITS: 74 - 121%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 105%
ACCEPTABLE LIMITS: 70 - 121%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 108%
ACCEPTABLE LIMITS: 81 - 117%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1081 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 3 WASTE WATER TANK A
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	308.13	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	9.71	5
21.	1,2-DICHLOROETHANE	4.90	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	68.35	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	10.74	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	52.11	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	157.55	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1081 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 3 WASTE WATER TANK A
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	38.82	5
38.	1,1,1-TRICHLOROETHANE	80.74	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	69.91	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	60.23	-

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 101%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 100%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 96%
ACCEPTABLE LIMITS: 88 - 110%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1082 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 4 WASTE WATER TANK B
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	10.82	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	557.81	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	5.91	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	53.48	50
34.	STYRENE	11.89	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	36.52	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1082 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 4 WASTE WATER TANK B
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	17.79	5
38.	1,1,1-TRICHLOROETHANE	58.62	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	21.32	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	63.32	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 107%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 103%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 104%
ACCEPTABLE LIMITS: 88 - 110%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1083 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 5 EQUIPMENT BLANK A
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1083 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 5 EQUIPMENT BLANK A
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	[illegible]

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 101%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 98%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 104%
ACCEPTABLE LIMITS: 88 - 110%

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1083 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 5 EQUIPMENT BLANK A
PROJECT NAME: GRANVILLE SOLVENTS

TOTAL METALS
METALS METHOD 6010
EXTRACTION METHOD 3050

	PARAMETER	RESULTS (MG/KG)	INSTRUMENT DETECTION LIMIT (MG/KG)
1.	ARSENIC	<0.04	1.0
2.	BARIUM	<0.02	0.5
3.	CADMIUM	<0.02	1.0
4.	CHROME	<0.02	2.0
5.	LEAD	0.08	2.0
6.	MERCURY	<0.04	1.0
7.	SELENIUM	<0.04	2.0
8.	SILVER	<0.02	1.0
9.	NICKEL	<0.02	1.0

NOTE: DETECTION LIMITS MAY VARY DUE TO SAMPLE MATRIX

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1084 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 6 EQUIPMENT BLANK B
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-13-91
WORK ORDER NO: 1084 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 6 EQUIPMENT BLANK B
PROJECT NAME: GRANVILLE SOLVENTS

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

SURROGATE SPIKE RECOVERY DATA

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 102%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 101%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 107%
ACCEPTABLE LIMITS: 88 - 110%

CUSTOMER: COMPLIANCE SOLUTIONS
WORK ORDER NO: 1085
SAMPLE ID: STA NO. 7 TRIP BLANK
PROJECT NAME: GRANVILLE SOLVENTS

DATE RECEIVED: 06-13-91
DATE REPORTED: 06-26-91

GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	[illegible]
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	[illegible]
13.	CHLOROETHANE	ND	[illegible]
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
.	1,2-DICHLOROETHANE	ND	5
[illegible]	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE ANALYZED: 06-17-91
WORK ORDER NO: 1079 --> 1085
SAMPLE ID: >BK17B

BLANK REPORT
GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
1.	ACETONE	ND	100
2.	ACROLEIN	ND	100
3.	ACRYLONITRILE	ND	100
4.	BENZENE	ND	5
5.	BROMODICHLOROMETHANE	ND	5
6.	BROMOFORM	ND	5
7.	BROMOMETHANE	ND	10
8.	2-BUTANONE	ND	100
9.	CARBON DISULFIDE	ND	100
10.	CARBON TETRACHLORIDE	ND	5
11.	CHLOROBENZENE	ND	5
12.	CHLORODIBROMOMETHANE	ND	5
13.	CHLOROETHANE	ND	10
14.	2-CHLOROETHYL VINYL ETHER	ND	10
15.	CHLOROFORM	ND	5
16.	CHLOROMETHANE	ND	10
17.	DIBROMOMETHANE	ND	10
18.	1,4-DICHLORO-2-BUTANE	ND	100
19.	DICHLORODIFLUOROMETHANE	ND	10
20.	1,1-DICHLOROETHANE	ND	5
21.	1,2-DICHLOROETHANE	ND	5
22.	1,1-DICHLOROETHENE	ND	5
23.	CIS-1,2-DICHLOROETHENE	ND	5
24.	TRANS-1,2-DICHLOROTHENE	ND	5
25.	1,2-DICHLOROPROPANE	ND	5
26.	CIS-1,3-DICHLOROPROPENE	ND	5
27.	TRANS-1,3-DICHLOROPROPENE	ND	5
28.	ETHYLBENZENE	ND	5
29.	ETHYL METHACRYLATE	ND	10
30.	2-HEXANONE	ND	50
31.	IODOMETHANE	ND	10
32.	METHYLENE CHLORIDE	ND	5
33.	4-METHYL-2-PENTANONE	ND	50
34.	STYRENE	ND	5
35.	1,1,2,2-TETRACHLOROETHANE	ND	5
36.	TETRACHLOROETHENE	ND	5

(CONT'D)

CUSTOMER: COMPLIANCE SOLUTIONS DATE ANALYZED: 06-17-91
WORK ORDER NO: 1079 --> 1085
SAMPLE ID: >BK17B

BLANK REPORT
GC/MS FOR VOLATILE ORGANICS
EPA METHOD NO. 8240

	COMPOUND	RESULTS (UG/L)	PRACTICAL QUANTITATION LIMITS (UG/L)
37.	TOLUENE	ND	5
38.	1,1,1-TRICHLOROETHANE	ND	5
39.	1,1,2-TRICHLOROETHANE	ND	5
40.	TRICHLOROETHENE	ND	5
41.	TRICHLOROFLUOROMETHANE	ND	10
42.	1,2,3-TRICHLOROPROPANE	ND	10
43.	VINYL ACETATE	ND	50
44.	VINYL CHLORIDE	ND	10
45.	TOTAL XYLENES	ND	5

BHM BUSINESS HEALTH MANAGEMENT

Phone: 216-247-1020
FAX: 216-247-1820

Environmental
Laboratory
7145 Pine Street
Chagrin Falls, OH 44022

WORK ORDER NUMBER: 1110

CUSTOMER: COMPLIANCE SOLUTIONS
196 S. CHILLICOTHE
AURORA, OH 44202

CUSTOMER NO: N/A

CONTACT: DIANE WILBUR

SAMPLE DESCRIPTION/SAMPLE ID NO:

	COMPLIANCE ID	BHM ID
2 SAMPLES:	STA NO. 1 WASTEWATER TANKS A&B	1110
	STA NO. BLANK FIELD BLANK	1111

PROJECT NAME: GRANVILLE SOLVENTS

DATE RECEIVED: JUNE 19, 1991

DATE REPORTED: JUNE 26, 1991

TESTS REQUESTED: TCLP ORGANICS

REVIEWED BY:

APPROVED BY: Deborah Budd

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-19-91
WORK ORDER NO: 1110 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. 1 WASTEWATER TANKS A&B
PROJECT NAME: GRANVILLE SOLVENTS

TCLP EXTRACTION
ORGANIC COMPOUNDS

	COMPOUND	RESULTS (MG/L)	REGULATORY LEVEL (MG/L)	DETECTION LIMIT (MG/L)
1.	BENZENE	.071	0.5	0.010
2.	CARBON TETRACHLORIDE	ND	0.5	.010
3.	CHLORDANE	ND	0.03	.001
4.	CHLOROBENZENE	ND	100.0	.010
5.	CHLOROFORM	ND	6.0	.010
6.	0-CRESOL	ND	200.0	.010
7.	M-CRESOL	ND	200.0	.010
8.	P-CRESOL	1.06	200.0	.010
9.	1,4-DICHLOROBENZENE	ND	7.5	.010
10.	1,2-DICHLOROETHYLENE	.426	0.5	.010
11.	1,1-DICHLOROETHYLENE	ND	0.7	.010
12.	2,4-DINITROTOLUENE	ND	0.13	.010
13.	HEPTACHLOR	ND	0.008	.001
14.	HEXACHLOROBENZENE	ND	0.13	.010
15.	HEXACHLORO-1,3-BUTADIENE	ND	0.5	.010
16.	HEXACHLOROETHANE	ND	3.0	.010
17.	METHYL ETHYL KETONE	ND	200.0	.010
18.	NITROBENZENE	ND	2.0	.010
19.	PENTACHLOROPHENOL	ND	100.0	.010
20.	PYRIDINE	ND	5.0	.010
21.	TETRACHLOROETHYLENE	.037	0.7	.010
22.	TRICHLOROETHYLENE	.014	0.5	.010
23.	2,4,5-TRICHLOROPHENOL	ND	400.0	.010
24.	2,4,6-TRICHLOROPHENOL	ND	2.0	.010
25.	VINYL CHLORIDE	ND	0.2	.010
26.	ENDRIN	ND	0.02	.001
27.	LINDANE	ND	0.4	.001
28.	METHOXYCHLOR	ND	10.0	0.010
29.	TOXAPHENE	ND	0.5	0.010
30.	2,4-D	ND	10.0	0.010
31.	2,4,5-TP (SILVEX)	ND	1.0	0.010

SURROGATE SPIKE % RECOVERY: 4-BROMOFLUOROBENZENE = 98%
ACCEPTABLE LIMITS: 86 - 115%

SURROGATE SPIKE % RECOVERY: 1,2-DICHLOROETHANE = 85%
ACCEPTABLE LIMITS: 76 - 114%

SURROGATE SPIKE % RECOVERY: TOLUENE D8 = 92%
ACCEPTABLE LIMITS: 88 - 110%

CUSTOMER: COMPLIANCE SOLUTIONS DATE ANALYZED: 06-24-91
WORK ORDER NO: 1110, 1111
SAMPLE ID: >BV24A

BLANK REPORT

TCLP EXTRACTION
ORGANIC COMPOUNDS

	COMPOUND	RESULTS (MG/L)	REGULATORY LEVEL (MG/L)	DETECTION LIMIT (MG/L)
1	BENZENE	ND	0.5	0.010
2	CARBON TETRACHLORIDE	ND	0.5	.010
3	CHLORDANE	ND	0.03	.001
4	CHLOROBENZENE	ND	100.0	.010
5	CHLOROFORM	ND	6.0	.010
6	O-CRESOL	ND	200.0	.010
7	M-CRESOL	ND	200.0	.010
8	P-CRESOL	ND	200.0	.010
9	1,4-DICHLOROBENZENE	ND	7.5	.010
10	1,2-DICHLOROETHYLENE	ND	0.5	.010
11	1,1-DICHLOROETHYLENE	ND	0.7	.010
12	2,4-DINITROTOLUENE	ND	0.13	.010
13	HEPTACHLOR	ND	0.008	.001
14	HEXACHLOROBENZENE	ND	0.13	.010
15	HEXACHLORO-1,3-BUTADIENE	ND	0.5	.010
16	HEXACHLOROETHANE	ND	3.0	.010
17	METHYL ETHYL KETONE	ND	200.0	.010
18	NITROBENZENE	ND	2.0	.010
19	PENTACHLOROPHENOL	ND	100.0	.010
20	PYRIDINE	ND	5.0	.010
21	TETRACHLOROETHYLENE	ND	0.7	.010
22	TRICHLOROETHYLENE	ND	0.5	.010
23	2,4,5-TRICHLOROPHENOL	ND	400.0	.010
24	2,4,6-TRICHLOROPHENOL	ND	2.0	.010
25	VINYL CHLORIDE	ND	0.2	.010
26	ENDRIN	ND	0.02	.001
27	LINDANE	ND	0.4	.001
28	METHOXYCHLOR	ND	10.0	0.010
29	TOXAPHENE	ND	0.5	0.010
30	2,4-D	ND	10.0	0.010
31	2,4,5-TP (SILVEX)	ND	1.0	0.010

CUSTOMER: COMPLIANCE SOLUTIONS DATE RECEIVED: 06-19-91
WORK ORDER NO: 1111 DATE REPORTED: 06-26-91
SAMPLE ID: STA NO. BLANK FIELD BLANK
PROJECT NAME: GRANVILLE SOLVENTS

TCLP EXTRACTION
ORGANIC COMPOUNDS

	COMPOUND	RESULTS (MG/L)	REGULATORY LEVEL (MG/L)	DETECTION LIMIT (MG/L)
1.	BENZENE	ND	0.5	0.010
2.	CARBON TETRACHLORIDE	ND	0.5	.010
3.	CHLOROBENZENE	ND	100.0	.010
4.	CHLOROFORM	ND	6.0	.010
5.	1,4-DICHLOROBENZENE	ND	7.5	.010
6.	1,2-DICHLOROETHYLENE	ND	0.5	.010
7.	1,1-DICHLOROETHYLENE	ND	0.7	.010
8.	METHYL ETHYL KETONE	ND	200.0	.010
9.	TETRACHLOROETHYLENE	ND	0.7	.010
10.	TRICHLOROETHYLENE	ND	0.5	.010
11.	VINYL CHLORIDE	ND	0.2	.010

NOTE: INSUFFICIENT AMOUNT OF SAMPLE TO TEST FOR SEMI-VOLATILES

DEXTER

THE DEXTER CORPORATION

ANALYTICAL REPORT

ANALYTICAL SERVICES

7145 PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247-5000 • FAX: (216) 247-7175

June 28, 1991

COMPLIANCE SOLUTIONS, INC
196 SOUTH CHILLICOTHE RD.
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION	
SAMPLE NUMBER:	9934
SAMPLE DATE:	6-18-91
SAMPLE TIME:	4:00PM
SAMPLE FROM:	GRANVILLE SOLVENTS TANKS A&B WASTEWATER
PARAMETERS	
ARSENIC (206.2)as As mg/l	<0.005*
BARIUM as Ba (208.1) mg/l	0.5
CADMIUM as Cd (213.1) mg/l	<0.001
CHROMIUM (218.1) as Cr mg/l	0.04
LEAD (239.1) as Pb mg/l	<0.01
SELENIUM (270.2) as Se mg/l	<0.005*
SILVER (272.1) as Ag mg/l	<0.01
MERCURY (245.1) as Hg mg/l	0.0008
NICKEL (249.1) as Ni mg/l	0.17

Approved

TCLP PERFORMED. SEE CHAIN OF CUSTODY REMARKS.

Ohio E.P.A. Drinking Water Certificate # 1291

DEXTER

THE DEXTER CORPORATION

ANALYTICAL REPORT

ANALYTICAL SERVICES

7145 PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247-5000 • FAX: (216) 247-7175

June 28, 1991

COMPLIANCE SOLUTIONS, INC
196 SOUTH CHILLICOTHE RD.
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION	
SAMPLE NUMBER:	9907
SAMPLE DATE:	6-18-91
SAMPLE TIME:	4:00
SAMPLE FROM:	GRANVILLE

PARAMETERS	
ARSENIC (206.2)as As mg/l	<0.005*
BARIUM as Ba (208.1) mg/l	0.7
CADMIUM as Cd (213.1) mg/l	0.10
CHROMIUM (218.1) as Cr mg/l	0.02
LEAD (239.1) as Pb mg/l	<0.01
SELENIUM (270.2) as Se mg/l	<0.005*
SILVER (272.1) as Ag mg/l	<0.01
MERCURY (245.1) as Hg mg/l	<0.0002
NICKEL (249.1) as Ni mg/l	<0.01

:EMARKS:
*MAY NOT REFLECT TRUE VALUES DUE TO IRON INTERFERENCE.

Approved

TOTAL METALS

Ohio E.P.A. Drinking Water Certificate # 1291

THE DEXTER CORPORATION

ANALYTICAL REPORT

ANALYTICAL SERVICES

7145 PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247-5000 • FAX: (216) 247-7175

June 28, 1991

COMPLIANCE SOLUTIONS, INC
196 SOUTH CHILLICOTHE RD.
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION	
SAMPLE NUMBER:	9973
SAMPLE DATE:	6-18-91
SAMPLE TIME:	4:00PM
	GRANVILLE
SAMPLE FROM:	BLANK

PARAMETERS	
ARSENIC (206.2)as As mg/l	<0.005
BARIUM as Ba (208.1) mg/l	<0.1
CHROMIUM (218.1) as Cr mg/l	0.02
LEAD (239.1) as Pb mg/l	<0.01
NICKEL (249.1) as Ni mg/l	<0.01
SELENIUM (270.2) as Se mg/l	<0.005
SILVER (272.2) as Ag mg/l	<0.01
MERCURY (245.1) as Hg mg/l	<0.0002

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Ohio E.P.A. Drinking Water Certificate # 1291

DEXTER WATER MANAGEMENT SYSTEMS DIVISION
THE DEXTER CORPORATION

ANALYTICAL REPORT

ANALYTICAL SERVICES

7145 PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247-5000 • FAX: (216) 247-7175

June 28, 1991

COMPLIANCE SOLUTIONS, INC
196 SOUTH CHILLICOTHE RD.
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION	
SAMPLE NUMBER:	9934
SAMPLE DATE:	6-18-91
SAMPLE TIME:	4:00PM
SAMPLE FROM:	GRANVILLE SOLVENTS TANKS A&B WASTEWATER
PARAMETERS	
ARSENIC (206.2)as As mg/l	<0.005*
BARIUM as Ba (208.1) mg/l	0.5
CADMIUM as Cd (213.1) mg/l	<0.001
CHROMIUM (218.1) as Cr mg/l	0.04
LEAD (239.1) as Pb mg/l	<0.01
SELENIUM (270.2) as Se mg/l	<0.005*
SILVER (272.1) as Ag mg/l	<0.01
MERCURY (245.1) as Hg mg/l	0.0006
NICKEL (249.1) as Ni mg/l	0.17

Approved

TCLP PERFORMED. SEE CHAIN OF CUSTODY REMARKS.

Ohio E.P.A. Drinking Water Certificate # 1291

DEXTER
THE DEXTER CORPORATION

ANALYTICAL REPORT

ANALYTICAL SERVICES

7145 PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247 5000 • FAX: (216) 247-7175

June 28, 1991

COMPLIANCE SOLUTIONS, INC
196 SOUTH CHILLICOTHE RD.
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION	
SAMPLE NUMBER:	9907
SAMPLE DATE:	6-18-91
SAMPLE TIME:	4:00
SAMPLE FROM:	GRANVILLE TANKS A+B WASTEWATER
PARAMETERS	
ARSENIC (206.2) as As mg/l	<0.005*
BARIUM as Ba (208.1) mg/l	0.7
CADMIUM as Cd (213.1) mg/l	0.10
CHROMIUM (218.1) as Cr mg/l	0.02
LEAD (239.1) as Pb mg/l	<0.01
SELENIUM (270.2) as Se mg/l	<0.005*
SILVER (272.1) as Ag mg/l	<0.01
MERCURY (245.1) as Hg mg/l	<0.0002
NICKEL (249.1) as Ni mg/l	<0.01

REMARKS:
*MAY NOT REFLECT TRUE VALUES DUE TO IRON INTERFERENCE.

Approved

TOTAL METALS

Ohio E.P.A. Drinking Water Certificate # 1291

DEXTER WATER MANAGEMENT SYSTEMS DIVISION
THE DEXTER CORPORATION

ANALYTICAL REPORT

ANALYTICAL SERVICES

7146 PINE STREET • P.O. BOX 200 • CHAGRIN FALLS, OH 44022 • (216) 247-5000 • FAX (216) 247-7175

June 28, 1991

COMPLIANCE SOLUTIONS, INC
196 SOUTH CHILLICOTHE RD.
AURORA, OH 44202

ATTENTION: MS DIANA WILBUR

SAMPLE INFORMATION	
SAMPLE NUMBER:	9973
SAMPLE DATE:	6-18-91
SAMPLE TIME:	4:00PM
	GRANVILLE
SAMPLE FROM:	BLANK

PARAMETERS	
ARSENIC (206.2)as As mg/l	<0.005
BARIUM as Ba (208.1) mg/l	<0.1
CHROMIUM (218.1) as Cr mg/l	0.02
LEAD (239.1) as Pb mg/l	<0.01
NICKEL (249.1) as Ni mg/l	<0.01
SELENIUM (270.2) as Se mg/l	<0.005
SILVER (272.2) as Ag mg/l	<0.01
MERCURY (245.1) as Hg mg/l	<0.0002

Approved

Ohio E.P.A. Drinking Water Certificate # 1291