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C-583-12-9-34
December 12, 1989

Final Screening Site Inspection
Bovano's
Cheshire, Connecticut

TDD No. F1-8901-12
Reference No. $375CT47I$
CERCLIS No. CTD001179316

INTRODUCTION

The NUS Field Investigation Team (NUS/FIT) was requested by the Region I U.S. Environmental Protection Agency (EPA) Waste Management Division to perform a Screening Site Inspection of Bovano's in Cheshire, Connecticut. All tasks were conducted in accordance with Technical Directive Document (TDD) No. F1- 8901-12 which was issued to NUS/FIT on January 26, 1989. This report incorporates comments which were received from the EPA and the Connecticut Department of Environmental Protection (CT DEP).

NUS/FIT personnel performed a Preliminary Assessment of this property in August 1986. On the basis of information provided in the Preliminary Assessment, the Bovano's Screening Site Inspection was initiated. Background information used in the generation of this report was obtained through file searches conducted at the Connecticut Department of Environmental Protection (CT DEP) and at the EPA. Information was also collected during the onsite reconnaissance and sampling activities conducted on May 10 and 11, 1989.

This package follows guidelines developed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, commonly referred to as Superfund. However, these documents do not necessarily fulfill the requirements of other EPA regulations such as those under the Resource Conservation and Recovery Act (RCRA) or other federal, state or local regulations. Screening Site Inspections are intended to provide a preliminary screening of sites to facilitate EPA's assignment of site priorities. They are limited efforts and are not intended to supersede more detailed investigations.

SITE DESCRIPTION

Bovano's occupies 2.7 acres of land at 830 South Main Street in Cheshire, Connecticut. The facility is being investigated as a potential contributor of trichloroethylene (TCE) contamination of the South Cheshire wellfield. The wellfield is located approximately one mile south of Bovano's (USGS, 1984a).

The area surrounding the facility is semi-commercialized/semi-residential (Figures 1 and 2; USGS, 1984a). The property is bounded by a McDonald's restaurant and Jinny Hill Road to the south, South Main Street to the west, a partially wooded residential area to the north and the Mill River (with adjacent wetland) to the east. The nearest occupied residence is a two-story combined ice-cream shop/house, located on the westernmost section of the property (NUS/FIT, 1989). Other CERCLIS sites located within a four-mile radius of Bovano's include: Ball and Socket Manufacturing, located approximately 2.5 miles northwest of the South Cheshire Wellfield; Superior Steel Products Corporation, located approximately 5 miles north of the South Cheshire Wellfield; and Suburban Excavators, located approximately 0.5 miles northwest of the South Cheshire Wellfield (USGS, 1984a, 1984b, 1984c, 1984d; US EPA, 1989a).

The Bovano's property is comprised of a two-story office building, a factory with attached gift shop, a storage barn and the house/ice-cream shop mentioned above (NUS/FIT, 1989). Reportedly, TCE and

RDMS Doc ID 106769

ferric chloride were stored in the storage barn (chemical storage area)(TRC Environmental Consultants, Inc., 1982). A former sludge lagoon, which measures 10'x 7'x 4', is adjacent to the factory building on the south. There is a storm drain leading to a drywell located approximately 10 feet northwest of the former lagoon. During an onsite reconnaissance conducted on May 10, 1989, NUS/FIT personnel observed surface water runoff from the parking area, collecting in the storm drain. There are six overburden groundwater monitoring wells located onsite; one well was dry and one was damaged at the time of the NUS/FIT onsite reconnaissance. The Mill River flows southwesterly along the eastern border of the property. A wetland, approximately 0.5 square miles in area, is adjacent to the river. Much of the property is paved; access to the property is not restricted (Figure 2; NUS/FIT, 1989).

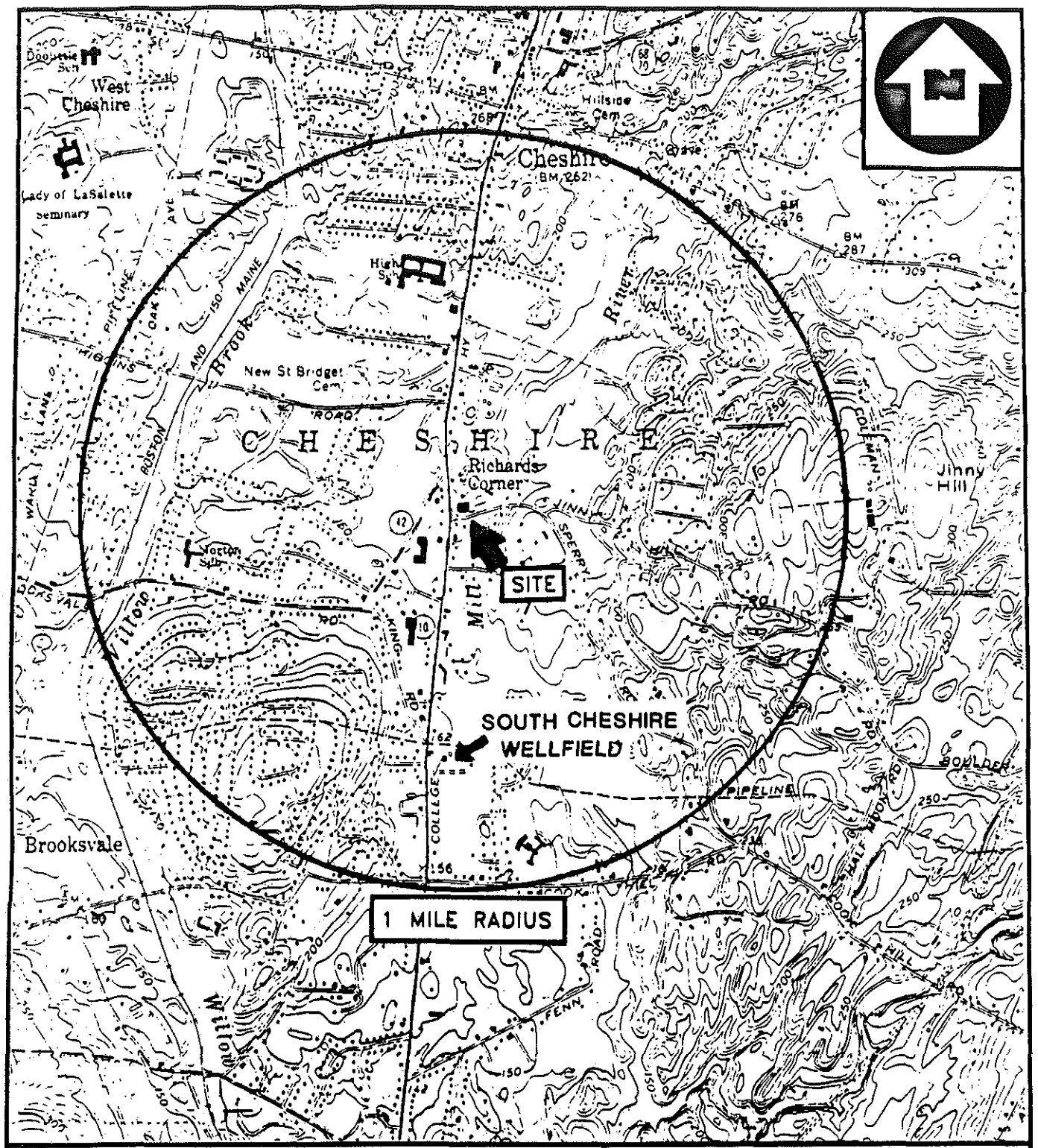
SITE ACTIVITY AND HISTORY

Bovano's was established in 1954 and began manufacturing operations in 1955. Amos Dayton, owner of the property at the time, leased the property to Mr. Jim Flood from 1954 to 1967. Mr. Jim Flood, current owner and operator of Bovano's, bought the property in 1967 (Oliverio, 1989a).

The company has been producing gifts and ornamental glass objects such as jewelry and figurines since 1955. Manufacturing operations since 1955 include pickling, solvent cleaning, glass enameling and baking metal. Wastes produced include metal-finishing wastes containing sulfuric and nitric acids, waste solvents including TCE (until 1982), spent ferric chloride etchant and metal hydroxide sludge (CT DEP, 1983; NUS/FIT, 1986). The facility originally notified as a treatment, storage and/or disposal (TSD) facility under RCRA, but did not meet criteria to file; the facility did not meet storage and treatment requirements (Oliverio, 1989b). The facility is currently active as a large quantity generator under RCRA, but as a "precautionary filer" due to the misnotification (U.S. EPA, 1989b; Oliverio, 1989b).

Prior to 1976, acid wastes were disposed of in a leachfield located northeast of the office building. Since that time, the spent pickling solution is batch-treated with caustic and copper is precipitated as a sludge (generating less than 10 pounds of sludge per month). Until 1982, the sludge was discharged to a 10'x 7'x 4' cement-walled, limestone-lined lagoon adjacent to the factory building. The supernatant from the process was drawn off and discharged to the drywell located approximately 10 feet northwest of the lagoon (TRC Environmental Consultants, Inc., 1982). Since 1982, the sludge which is produced, is stored in a 1,500 gallon collection tank which is pumped out twice per year and taken offsite by EWR of Waterbury, Connecticut. The metal-finishing wastewater (200 GPD) is conveyed through the town sewer line and discharged to the town wastewater treatment plant with CT DEP approval (Moore, 1984; CT DEP 1987).

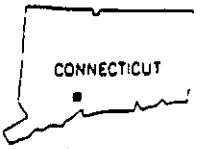
Bovano's was considered a potential contributor of TCE contamination of the South Cheshire wellfield due to the operation of the copper sludge lagoon and drywell, and the use of TCE. In April 1982, the CT DEP issued Bovano's an order to abate pollution which required the facility to determine the extent, if any, of soil, surface water and groundwater contamination (CT DEP, 1982a). The facility discontinued the use of TCE at this time (TRC Environmental Consultants, Inc., 1984). In addition, Bovano's was required to implement a waste handling system which would discontinue the practice of discharging metal finishing wastes to groundwater. Subsequently, TRC Environmental Consultants, Inc. (TRC) installed four overburden groundwater monitoring wells onsite and conducted two separate studies of the property; one study was completed in September 1982 and the other in June 1984. In the 1982 study, TCE and copper were detected in groundwater onsite (TRC, 1982). In response to a stipulation by the Superior Court, Judicial District of Hartford, on May 22, 1984, Bovano's was required to install two additional monitoring wells on the property and to excavate the copper sludge lagoon, the drywell, and soil from the chemical storage area (Superior Court, 1984). TRC therefore conducted a second study of the property in 1984 (TRC, 1984). Results of both TRC studies are presented in the results section of this report.



BASE MAP IS A PORTION OF THE FOLLOWING 7.5' U.S.G.S. QUADRANGLE(S):
MOUNT CARMEL, CONN. 1967, PHOTOREVISED 1984

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET



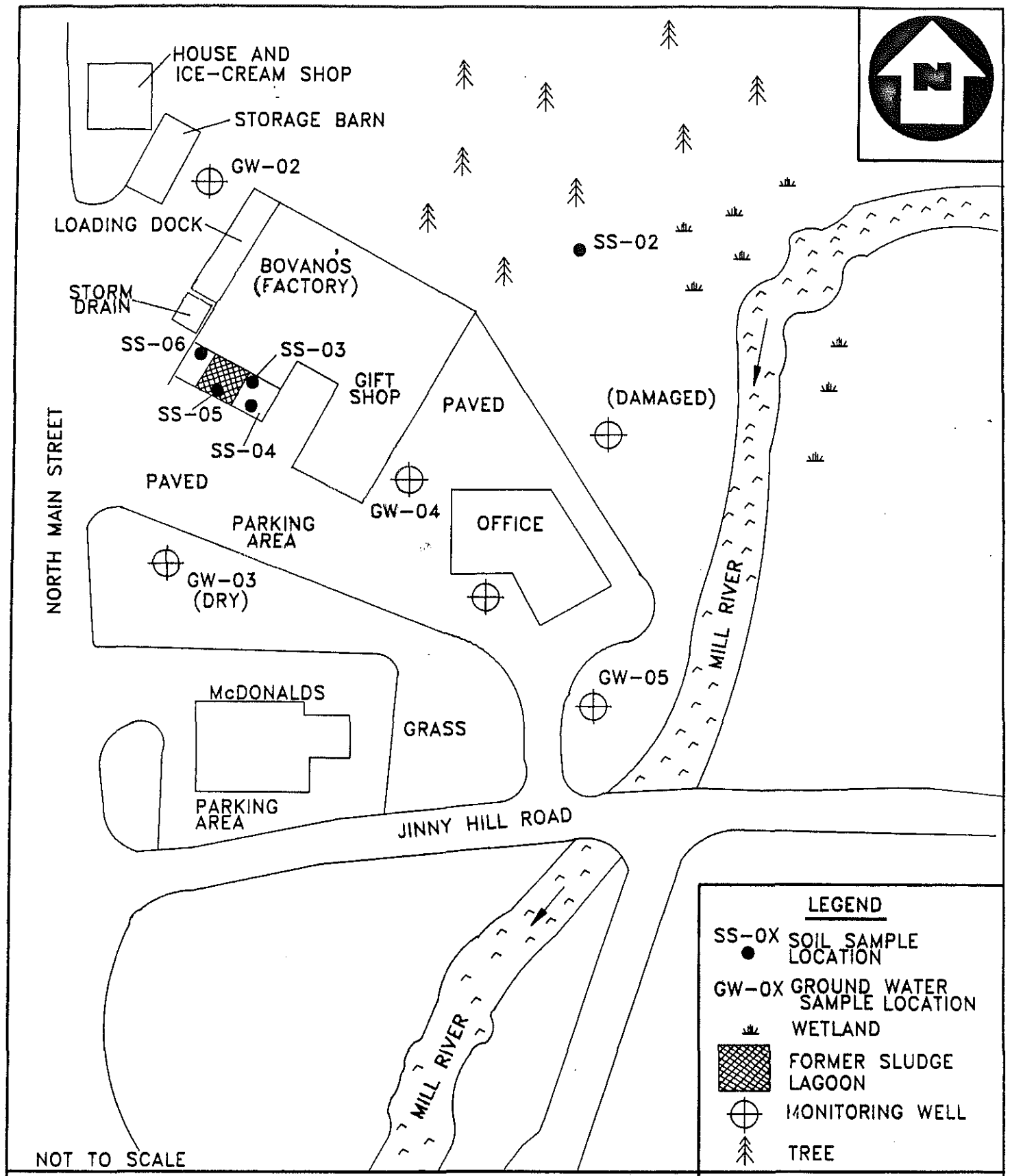
QUADRANGLE LOCATION

LOCATION MAP

BOVANO'S
CHESHIRE, CONNECTICUT

NUS CORPORATION

FIGURE 1



SAMPLE LOCATIONS

BOVANO'S
CHESHIRE, CONNECTICUT

NUS CORPORATION

FIGURE 2

In December 1985, Suburban Excavators of Cheshire removed the sludge lagoon and material from the drywell. EWR of Waterbury, Connecticut, transported the material offsite. Three cubic yards of soil from the chemical storage area was also removed by Suburban Excavators and disposed of at the Cheshire Landfill (Flood, 1985).

A summary of events pertaining to the facility after the excavation is listed chronologically below:

7/86-8/86	Additional soil from the former lagoon, drywell and storage area was excavated; composite soil samples were collected by TRC.
10/1/86	Personnel from the CT DEP conducted a follow-up inspection of the facility. Personnel were satisfied that all contaminated soil had been removed, but discovered approximately thirty 55-gallon drums of ferric chloride etchant waste improperly stored on a concrete base with no berm to contain potential spills. The drums were subsequently taken offsite by EWR (CT DEP, 1986a).
10/9/86	The CT DEP permitted the president of Bovano's to fill the former sludge lagoon with clean fill. The DEP also suggested that a containment berm be constructed around the concrete loading dock on which the drums were stored (CT DEP, 1986b).
2/87	A RCRA inspection of the facility was conducted by the CT DEP. The following violations were noted: insufficient contingency plan and inspection requirements, improper use and management of containers, and incorrect RCRA status (CT DEP, 1987a, 1987b).
6/87	Bovano's established inspection and waste-shipping logs, and moved all existing drums of waste ferric chloride etchant and acid from the loading dock to inside the factory building (Flood, 1987).
9/87	The CT DEP did not approve the contingency plan and felt that training was still inadequate (Zampaglione, 1987).
1/88	HRP Associates submitted a contingency plan, inspection plan and RCRA training documents to the CT DEP on behalf of Bovano's (HRP Associates, 1988). The DEP subsequently approved the plans and stated that an upcoming, unannounced compliance inspection would be conducted to verify proper management (Zampaglione, 1988). However, no inspection had taken place as of September 25, 1989 (Oliverio, 1989b).

ENVIRONMENTAL SETTING

The topography of the Cheshire area is hilly, sloping gently south. The area is located within the Central Lowland of Connecticut (Flint, 1962). Land use in the area is primarily residential but is highly commercialized in the immediate vicinity of Bovano's (NUS/FIT, 1989).

Locally, the bedrock surface is approximately 100 feet below the ground surface (Halni, 1974). The underlying bedrock is a coarse-grained variety of sedimentary rock known as the New Haven Arkose. The New Haven Arkose consists of pinkish, gray and red arkosic sandstone and conglomerate, with interbedded layers of red siltstone. These rocks are variably and irregularly stratified. Associated with the arkose are bodies of Late Triassic Age diabase and basalt, which constitute igneous intrusions in the sedimentary rocks. The intrusive rocks are greenish black to bluish black and are massive with well developed columnar jointing (Flint, 1962).

The bedding of the New Haven Arkose unit dips toward the east at an angle of 10-20 degrees. Bedrock maps of the Mt. Carmel Quadrangle do not indicate any faults, intrusions or other unconformities within 0.5 miles of the Bovano's property (Fritts, 1963; TRC, 1982). Bedrock surface contours indicate that the bedrock surface slopes gently to the west (Halni, 1974; TRC, 1982).

The thickness of the unconsolidated sediment increases in a westerly direction across the Bovano's property from approximately 25 feet to over 100 feet (Handman et al, 1975; TRC, 1982). Backhoe test pits conducted on the property indicate that the unconsolidated sediments consist primarily of a stratified drift of coarse sand and gravel with some alluvial deposits along the banks of the Mill River (TRC, 1982).

Groundwater flows in a southeasterly direction underneath the Bovano's property (TRC, 1982). Groundwater in the area of Bovano's is classified as GB/GAA under the State of Connecticut Water Quality Standards. This class denotes groundwater that is not suitable for direct human consumption without treatment. The goal of the State is to restore the groundwater to drinking water quality (CT DEP, 1989). Within four miles of Bovano's, the groundwater is used as a drinking water supply for the towns of Cheshire, Prospect, and Hamden, Connecticut (Oliverio, 1989c). The majority of wells draw water from the bedrock (Flint, 1962). There are eleven private wells located on Hemlock Ridge and Oak Avenue which are approximately 2.5 miles northwest of the facility (NUS/FIT, 1988). Municipal supply wells are located within four miles north and 0.9 miles south of Bovano's. These two interconnected wells are known as the North Cheshire and South Cheshire wellfields, respectively, and serve a total population of approximately 19,000 residents (NUS/FIT, 1988; CT DEP, 1986c). In 1982, the Chesprocott Health District detected TCE at a concentration of 270 parts per billion (ppb), as well as lower concentrations of other volatile organic compounds, in the South Cheshire wellfield (DeNicola, 1985; Kasten, 1986). The wells were subsequently taken out of service; the wells were used for 20 days in 1982, 60 days in 1983 and 70 days in 1984. An air stripping aeration treatment system was installed on July 9, 1985 (Oliverio, 1989d). All wells in the South Cheshire wellfield are currently active (Oliverio, 1989e). Volatile organic data for the South Cheshire wellfield covering the period 9/82 -2/89 are presented in Attachment A. In addition, annual results of inorganic monitoring of the South Cheshire wellfield covering the period 1985-1988, are also included in Attachment A.

Other community wells located within four miles of the Bovano's property include the following:

COMMUNITY WELL	DISTANCE/DIRECTION	POPULATION SERVED
Crestview Apartments	0.7 miles/east	84
Mansion House Apartments	0.3 miles/southeast	80
Sleeping Giant Wellfield	3.0 miles/south	unknown
Harmony Acres Mobile Home Park	2.8 miles/west	395
Greenshire School	3.8 miles/northwest	unknown
Prospect Restorative Health Center	4 miles/west	150

(CT DEP, 1982b, 1986c)

In general, surface water drainage from the Bovano's property is to the southeast toward the Mill River. The Mill River, which forms the eastern property boundary, flows into Lake Whitney approximately six miles south of Bovano's. The Mill River is used for recreation such as canoeing; reportedly, people fish along the riverbank (Oliverio, 1989c). In addition, the Mill River is classified as B/AA under the State of Connecticut Water Quality Standards. This class represents surface water that is suitable for recreation and as a fish and wildlife habitat (CT DEP, 1989). Lake Whitney is used solely as a public drinking water supply for a portion of the Town of Hamden; no recreational activities are permitted (Oliverio, 1989c). From Lake Whitney, the Mill River continues on a southerly course for approximately two miles and discharges into New Haven Harbor. New Haven Harbor then merges with Long Island Sound.

Sensitive environments located downstream of the facility include two state forests and many wetlands (USGS, 1984a, 1984b, 1984c, 1984d). The majority of the wetlands are located along the Mill River and are less than one acre in size. The wetlands are generally classified as palustrine and either open water or forested (USGS, 1980). The closest wetland to Bovano's is located on the easternmost section of the property and is approximately 0.5 acres in size (NUS/FIT, 1989).

RESULTS

In September, 1982 TRC Environmental Consultants, Inc. (TRC), installed and sampled four groundwater monitoring wells on the Bovano's property. Both TCE and copper were detected in groundwater onsite. TCE was detected at 1,220 ppb and copper at 10.2 parts per million (ppm) in groundwater collected from location GW-02 (Figure 2; TRC, 1982). In June, 1984 two additional monitoring wells were installed and groundwater samples were collected. TCE was detected at 34 ppb in groundwater collected from location GW-02, and was detected at 50 ppb in groundwater collected from location GW- 03 (Figure 2) (TRC, 1984). Onsite groundwater samples collected by the Connecticut Department of Protection (CT DEP) on May 7, 1985, showed TCE levels had dropped to 6 ppb in groundwater from location GW-02 (Stevens, 1985). Weekly monitoring at the South Cheshire wellfield indicates that TCE levels have decreased from 250 ppb in September, 1982 to 5 ppb in January, 1989 (SCCRWA, 1989). The results of weekly monitoring at the South Cheshire wellfield covering the period 9/82 -2/89, are provided in Attachment A. In addition,annual results of inorganic monitoring of the South Cheshire wellfield covering the period 1985-1988, are also included in Attachment A.

In December 1985, the sludge lagoon, material from the drywell, and three cubic yards of soil from the chemical storage area were excavated and removed. At this time, TRC collected a composite soil sample from the remaining ground of the lagoon; copper was detected at 10.6 ppm (EP Toxicant method) (Zlotnick, 1986a). TRC collected samples again in 1986, after additional soil from the former lagoon, drywell and storage area was excavated. A composite soil sample was collected from the bottom and corners of the re-excavated sludge lagoon and was analyzed for copper. A composite sample was also collected from the storage area and was analyzed for TCE. Copper was detected at 1.13 ppm (EP Toxicant method) and TCE was detected at 1,570 ppb (Zlotnick, 1986b).

On May 10 and 11, 1989, NUS/FIT personnel conducted soil and groundwater sampling on the Bovano's property. A total of seven soil samples and five groundwater samples were collected, including one blank, one duplicate/replicate and one background sample for each medium (Table 1; Figure 2). All samples were analyzed for volatile organic compounds and inorganic elements. Groundwater samples collected for volatile organic analysis, were analyzed through the NUS/FIT Screening Program; these results are presented in Table 2 (Attachment B). Soil samples collected for volatile organic analysis and all samples collected for inorganic element analysis were analyzed through the Contract Laboratory Program (CLP). Results for these analyses are presented in Tables 3 through 5 (Attachment B). Sample detection limits for aqueous samples are presented on the analytical results tables; sample detection limits for soil samples are presented in Tables 6 and 7 (Attachment C). All soil sample results are reported on a dry weight basis.

Note that sample results qualified by a "J" on the tables are considered approximate due to limitations identified during the quality control review.

VOLATILE ORGANIC COMPOUNDS:

No volatile organic compounds were detected above the quantitation limit of 5 ppb in any of the aqueous samples collected. TCE was detected at the 5 ppb quantitation limit in the groundwater sample collected from location GW-02. The location of this monitoring well is upgradient of the

TABLE 1 - SAMPLE SUMMARY * *
BOVANO'S

Groundwater and soil samples collected by
NUS/FIT on May 10-11, 1989

Sample Location	Sample #/ Traffic Report #	Remarks	Sample Source
SS-01	22177/AP822	grab	sand VOA blank from NUS/Bedford
SS-02	22178/AP823, MAL310	grab, depth 1 foot	background sample, 100' north of office
SS-03	22179/AP824, MAL311	grab, depth 7 inches	northeast corner of lagoon, 3'8" south of factory building
SS-04	22180/AP825 MAL312	grab, depth 6 inches	upslope and 6' east of lagoon, 3'10" north of pavement
SS-05	22181/AP826, MAL313	grab, depth 1 foot	southernmost portion of lagoon, 12'2" south of factory building, is fill
SS-06	22182/AP827, MAL314	grab, depth 2 feet	downslope of lagoon, 1'10" east of pavement, on periphery of fill
SS-06D	22183/AP828, MAL315	grab, depth 2 feet	duplicate of SS-06
GW-01	22184/MAL316	grab	aqueous blank from EPA/Lexington
GW-02	22185/MAL317	grab	background well, 2' east of storage barn, upgradient of lagoon
GW-04	22187/MAL319	grab	in paved area 3'8" east of gift shop
GW-04R	22188/MAL320	grab	replicate of GW-04
GW-05	22189/MAL321	grab	downgradient of lagoon, 55' west of Mill River, 31' from southeast corner of office building

KEY
** sample locations may be found on Figure 2
AP prefix for organic traffic report
MAL prefix for inorganic traffic report

former lagoon area and is situated between the excavated drywell and chemical storage area (Figure 2). TCE has been historically detected in this monitoring well.

No volatile organic compounds were detected in any soil samples collected from the property. However, acetone, a common laboratory contaminant, was detected in the trip blank at a concentration of 32 ppb.

INORGANIC ELEMENTS:

Inorganic elements were detected in the groundwater samples collected from each sampling location. All of the elements detected in the samples were found at concentrations similar to or below those found in the background sample, GW-02. However, arsenic and selenium were detected in the sample from location GW-02 at concentrations at least ten times greater than those found in the other two monitoring wells which were sampled. Sample location GW-02 is located hydrologically upgradient of the former lagoon area (Figure 2). The results indicate a source of arsenic and selenium north and/or west of the former lagoon. Note that all aqueous samples collected for total dissolved inorganic element analysis were field-filtered.

Inorganic elements were detected in each of the soil samples collected. Many of the twenty-three inorganic elements analyzed for in the samples were detected at concentrations similar to those in the background sample. The following exceptions were noted in samples collected from locations SS-03 and SS-04:

> Arsenic was detected at concentrations at least fifty times greater than those found in the background sample.
>
> Cadmium, copper and lead were detected at concentrations ten times greater than those found in the background sample.
>
> Nickel and zinc were detected at concentrations five times greater than those found in the background sample.

Sample locations SS-03 and SS-04 are located east of the former lagoon area, and within a few feet south of the factory building (Figure 2). The naturally occurring concentrations for arsenic, copper, lead, nickel and zinc in the Cheshire area, are similar to the concentrations which were detected in the background sample (USGS, 1984e).

SUMMARY

Bovano's has occupied the property at 830 South Main Street in Cheshire, Connecticut for the past thirty-four years. During this time, the company has conducted glass enameling and baking of metals, pickling, and solvent cleaning in the manufacture of ornamental glass objects such as jewelry and figurines. Wastes produced onsite include metal hydroxide sludge, spent ferric chloride etchant, and metal-finishing wastes containing acids and solvents.

Prior to 1982, the metal hydroxide sludge generated by the pickling operation was discharged to a 10'x 7'x 4' lagoon located adjacent to the factory building. The supernatant from the pickling operation was discharged to a drywell located approximately 10 feet northwest of the lagoon. Since 1982, the sludge which is produced, is stored in a 1,500 gallon collection tank which is pumped out twice per year and transported offsite. Metal-finishing wastewater (200 GPD) is conveyed through the town sewer line and discharged to the town wastewater treatment plant.

In 1982, the Chesprocott Health District detected TCE at a concentration of 270 ppb, as well as lower concentrations of other volatile organic compounds, in the South Cheshire wellfield located approximately one mile south of Bovano's. The facility is being investigated as a potential contributor of the TCE contamination. Bovano's discontinued use of TCE in 1982 after an order to abate pollution was issued by the CT DEP. The sludge lagoon, material from the drywell and soil from the chemical storage area was excavated and removed in 1985. In 1986, additional soil from the former lagoon area was excavated after unacceptable levels of copper were detected in the remaining soil.

Analytical results of soil and groundwater samples collected onsite by NUS/FIT personnel indicated that inorganic elements commonly used in metal-finishing operations (chromium, copper, lead, nickel and zinc), were detected at elevated concentrations in all soil samples. The greatest concentration of elements was detected in soil samples collected east of the former lagoon area and within a few feet of the factory building. Arsenic was detected in this area at concentrations at least fifty times greater than the background concentration; cadmium, copper, lead and zinc were detected in this area at concentrations between five and ten times greater than the background concentration. Inorganic elements were also detected in groundwater from the monitoring well located upgradient of the former lagoon, between the drywell and chemical storage area. There were no volatile organic compounds detected in any of the samples collected.

Due to the elevated concentrations of inorganic elements (associated with the metal-finishing industry) detected in soil from the vicinity of the former sludge lagoon, and the proximity of a municipal wellfield and private wells to the facility, NUS/FIT recommends that a Listing Site Inspection be conducted.

Submitted By: Gina Oliverio
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Approval: M. Randolph
Robert Jubach
FIT Office Manager

GO:es

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ATTACHMENT A

VOLATILE ORGANIC DATA
SOUTH CHESHIRE WELLFIELD
SEPTEMBER, 1982 - FEBRUARY, 1989

INORGANIC DATA
SOUTH CHESHIRE WELLFIELD
1985-1988

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Trichloroethylene - South Cheshire Wellfield (1982)
(in micrograms/liter)

DATE	Production WELL No. 1	Production WELL No. 2	Monitor WELL North	Monitor WELL EAST	Monitor WELL South	Monitor WELL No. 5
9-20 10:	27.	3.	94.	215.	<1.	
2:	24.	3.	108.	[illegible]	<1.	
4:	23.	2.	116.	137.	<1.	
9-21 10:	27.	4.	130.	115.	<1.	
12:	27.	4.	140.	98.	<1.	
3:	27.	3.	150.	115.	<1.	
9-22	38.	4.	230.	98.	<1.	
9-23	1.	5.	270.	90.	<1.	
9-24	(53) 47.	5.	220.	117.	<1.	
9-27-82	67.	11.	155.	95.	<1.	
9-28	87.	15.	200.	78.	<1.	
9-29	83.	18.	206.	79.	<1.	
9-30	94.	20.	235	95.	<1.	
10-1	95.	13.	200.	83.	<1.	
10-4-82	60.	19.	215.	100.	[illegible]	
[illegible]	66.	27.	154.	77.	<1	
[illegible]	100.	37.	164.	[illegible]	<1.	
[illegible]	97.	51.	180.	130	<1.	
[illegible]	100.	55.	156.	137	<1.	
10-12	123.	62.	125.	167.	<1.	
10-13	115.	65.	112.	140.	<1.	
10-14	103.	77.	102.	140.	<1.	
10-15	110.	64	104	70.	<1.	
[illegible]	114.	70.				
10-18-82	215.	110.	155	130.	<1.	
[illegible]	215	68.	97.	147.	N.D.	
[illegible]	132.	68.	46.	97.	N.D.	
[illegible]	127.	54.	56.	101.	N.D.	
10-22	118.	57.	64.	115.	N.D.	
10-23		59.				
10-25-82	123.	60.	58.	93.	N.D.	
10-26	80.	56.	63.	100.	<1	
10-27	76.	50.	63.	120	<1.	
[illegible]	95.	50.	43.	125	<1.	
[illegible]		55.	46.	93.	<1	
[illegible]-82	[illegible]	82.	58.	97.	[illegible]	

1-349-9852

So. Ches. TCE Record (µg/L)

Sample date/time	Analyzed	Well #1	Well #2	Blend	MW#6	MW#7	Initial
9-12-83	9-13-83	18	<1	12			ECD
9-18-83	9-19-83	7.0	1.0	3.0			JP
9-19-83	9-20-83	8.0	2.0	7.0	9/15 43.	9/15 22.	JP
9-20-83	10-1-83	7.0	<1.	6.0	9/20 17.	9/20 27.	ECD
					9/29 57.	9/29 17.	ECD
10-3-83	10-5-83				47.	38.	ECD
10-18-83	10-19-83				17	71.	JP
10-19-83	10-26-83	8.0	3.0	8.0			JP
10-24-83	10-26-83				60	17	JP
10-31-83	10-31-83				82	11	ECD
11-2-83	11-2-83	5.	5.	5.			ECD
11-3-83	11-3-83	1	<1	<1			ECD
11-4-83	11-5-83	5	1	5	22	18	ECD
11-7-83	11-8-83	6	4	6	41	15	ECD
11-8-83	11-9-83	3.8	1.0	3.3	—	—	ECD
11-9-83	11-9-83	6.4	<1.0	4.0	16.1	19.5	ECD
11-10-83	11-10-83	7.8	2.2	5.7	—	—	ECD
11-14-83	11-14-83	5.5	1.7	4.0	38.5	20.5	ECD
11-15-83	11-15-83	6.5	1.3	4.4	—	—	ECD/JP
11-16-83	11-16-83	5.8	1.0	3.8	16.2	23.6	JP
11-17-83	11-20-83	7.6	2.0	6.0			ECD
11-18-83	11-20-83	8.1	2.5	7.8	14.2	26.0	ECD
11-19-83	11-20-83	12.0	10.7	10.9			ECD
11-20-83	11-20-83	10.7	10.2	10.7			ECD
11-21-83	11-22-83	10.2	9.5	10.7	13.3	23.1	JP
11-22-83	11-22-83	12.8	2.4	9.3			JP
11-23-83	11-23-83	19.25	2.3	12.6			[illegible]
11-24-83	11-24-83	20.2	14.7	22.5			[illegible]
11-25-83	11-25-83	14.6	14.6	16.2			JP
11-25-83	11-25-83				12.4	22.8	JP
11-26-83	11-26-83	17.3	7.1	13.6			[illegible]
11-27-83	11-27-83	17.6	12.1	16.4			[illegible]
11-28-83	11-29-83	19.1	4.5	13.8	16.8	29.6	JP
11-29-83	11-29-83	19.5	3.9	16.6			JP
11-30-83	11-30-83	18.5	16.1	17.7	12.4	23.8	JP

SOUTH HESHIRE TRICHLOROETHYLENE RECORD

Sample Date	Date Analyzed	Well #1	Well #2	Blend	MW#6	MW#7	Chem
1-23-84	1-24-84	4.0	7.0	6.0	--	--	JP
1-24-84	1-24-84	2.0	2.0	2.0	--	--	ED
1-25-84	1-25-84	3.6	3.9	4.1	--	--	ED
1-26-84	1-26-84	2.0	4.0	4.8	--	--	JP
1-27-84	1-30-84	4.8	4.6	5.0	34.6	12.4	JP
1-28-84	1-30-84	5.8	5.5	5.9	--	--	JP
1-29-84	1-30-84	6.0	5.8	6.0	--	--	JP
1-30-84	1-30-84	6.7	6.4	6.7	--	--	JP
1-31-84	1-31-84	8.5	6.5	8.5	16.2	14.2	ED
2-01-84	2-01-84	7.2	7.2	8.1	12.5	12.5	ED
2-02-84	2-02-84	5.0	2.6	6.4	--	--	ED
2-03-84	2-04-84	7.1	6.0	6.5	--	--	ED
3-12-84	3-19-84	--	--	--	100	1.8	ED
4-03-84	4-04-84	--	--	--	45	5.0	ED
4-30-84-	4-30-84	--	--	--	13	3.0	JP
6-09-84	6-09-84	1.7	1.7	1.8	--	--	NG
6-10-84	6-10-84	1.4	1.1	1.3	--	--	DS
6-11-84	6-12-84	1.3	1.0	1.3	--	--	JP
6-12-84	6-13-84	1.3	<1.0	1.1	--	--	JP
6-13-84	6-13-84	1.9	1.1	1.4	--	--	JP
6-15-84	6-15-84	1.4	<1.0	1.2	7.8	3.6	JP
6-16-84	6-16-84	1.4	<1.0	<1.0	--	--	JP
6-17-84	6-17-84	1.5	<1.0	<1.0	2.0	12	JP
6-21-84	6-23-84	1.3	<1.0	1.2	--	--	JP
6-22-84	6-23-84	1.0	<1.0	1.1	4.0	7.0	ED
6-23-84	6-24-84	1.7	<1.0	1.6	--	--	ED
6-26-84	6-28-84	--	--	--	12	4.0	JP
6-27-84	6-28-84	1.7	1.0	1.5	ND	5.0	JP

Results in ug/L

SOUTH CHESHIRE ORGANICS DATA

page 2

Sample Date	Well #1 1,1,1	Well #1 1,2	Well #1 TCE	Well #2 1,1,1	Well #2 1,2	Well #2 TCE	Effluent 1,1,1	Effluent 1,2	Effluent TCE	MW #4 1,1,1	MW #4 1,2	MW #4 TCE	MW #5 1,1,1	MW #5 1,2	MW #5 TCE	MW #6 1,1,1	MW #6 1,2	MW #6 TCE	MW #7 1,1,1	MW #7 1,2	MW #7 TCE
08/01/84			2.1			2.2			2.6									9.2			3.1
08/02/84			2.1			2.2			2.6												
08/04/84			2.6			2.2			2.0												
08/07/84			1.7			1.1			1.3									10.7			5.2
08/08/84			1.7			1.0			1.4												
08/09/84			2.0			1.4			1.7									15.3			6.0
08/10/84			1.9			1.0			1.7												
08/11/84			2.0			1.0			1.0												
08/12/84			1.8			1.0			1.6									13.9			7.1
08/15/84			2.2			2.2			2.7												
08/16/84			2.4			1.7			2.0									12.2			6.4
08/17/84			2.5			1.4			2.2												
08/18/84			2.8			1.2			1.7												
08/19/84		<1.0	1.7		ND	0.8		<1.0	1.2												
08/22/84		4.3	1.7		5.2	1.3		5.6	1.4									12.8			7.4
08/24/84		0.8	1.3		2.0	1.1		2.1	1.4												
08/25/84		ND	1.7		ND	0.9		ND	1.4									12.1			8.8
08/26/84		ND	1.7		ND	1.2		ND	1.5												
08/27/84		ND	1.7		ND	0.8		ND	1.4												
08/28/84		ND	1.7		ND	1.6		ND	1.9									2.9			6.4
08/29/84		ND	2.2		ND	0.8		ND	1.6												
08/30/84		ND	2.4		ND	1.2		ND	1.5												
08/31/84		ND	2.6		ND	1.3		ND	0.9												
09/01/84	1.0	ND	1.9	0.8	ND	0.6	1.0	ND	1.2												
09/03/84	0.6	2.1	0.9	ND	4.4	0.8	ND	4.7	1.0												
09/04/84	1.0	3.8	1.3	0.3	6.0	1.4	1.3	2.6	1.2									13.2			6.8
09/07/84																		15.1			6.5
09/13/84																		25.0			9.0
09/15/84	2.4	ND	0.7	1.5	3.7	1.5	0.8	5.2	0.8												
09/18/84	1.4	ND	1.1	2.1	ND	0.6	1.8	ND	2.0	0.7				0.9				3.8			6.8
09/19/84	1.7	0.8	2.3	1.5	ND	0.5	1.1	ND	0.7												
09/20/84		ND	1.7		ND	0.6	1.8	ND	1.7												
09/21/84	1.4	ND	2.7	1.9	ND	0.8	1.8	ND	1.7	ND	ND	ND	ND	ND	ND			3.4			5.8
09/22/84	<1.0	ND	1.9	1.7	ND	0.7	1.8	ND	2.2												
09/23/84	1.3	ND	3.5	2.2	ND	0.8	1.5	ND	1.6												
09/24/84	1.1	ND	3.7	1.8	ND	1.2	1.4	ND	1.6												
09/25/84	1.4	ND	4.2	2.2	ND	1.2	1.6	ND	2.7	ND	ND	ND	ND	0.8	ND			6.7			7.8
09/26/84	1.3	ND	4.8	1.6	ND	1.0	2.2	ND	3.2												
09/27/84	1.6	ND	5.5	2.4	ND	1.7	2.1	ND	3.3	ND	ND	ND	ND	ND	ND			9.2			8.0

SOUTH CHESHIRE ORGANICS DATA

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Sample Date	Well #1			Well #2			Effluent			MW #4			MW #5			MW #6			MW #7		
	1,1,1	1,2	TCE	1,1,1	1,2	TCE	1,1,1	1,2	TCE	1,1,1	1,2	TCE	1,1,1	1,2	TCE	1,1,1	1,2	TCE	1,1,1	1,2	TCE
09/28/84	1.3	ND	5.2	1.8	ND	1.4	1.7	ND	3.2												
09/29/84	1.7	ND	6.6	2.1	ND	1.5	2.3	ND	3.5												
09/30/84	1.5	ND	5.4	1.9	ND	1.8	2.2	ND	3.5												
10/01/84	2.1	ND	8.0	2.8	ND	2.3	2.3	ND	7.6												
10/02/84	1.1	ND	6.4	1.1	ND	6.4	1.3	ND	3.6												
10/03/84	1.0	ND	6.2	1.3	ND	1.9	1.0	ND	4.6	ND	ND	ND	ND	ND	ND			12.2			7.5
10/06/84	1.0	0.8	3.0	1.1	ND	2.9	0.9	2.0	2.4				0.3	ND	18.5						
10/07/84	1.0	ND	4.3	1.0	1.7	2.8	1.0	1.4	2.5												
10/04/84	1.0	ND	6.9	1.4	ND	1.8	1.4	ND	4.0	0.3	ND	ND	ND	0.5	2.1						8.2
10/09/84	0.8	2.1	1.2	ND	5.8	0.9	0.4	4.8	0.9	0.5	ND	0.3	ND	ND	ND			54			9.0
10/10/84	0.7	2.4	2.4	0.9	2.7	1.9	0.8	3.3	1.6												
10/11/84	1.0	1.6	1.6	1.2	0.7	1.7	0.3	6.1	1.1	0.6	ND	0.3	ND	0.4	ND	ND	ND	44	ND	ND	7.2
10/12/84	1.1	1.3	1.8	1.6	0.6	1.6	0.3	6.1	0.9												
10/13/84	0.6	2.5	1.1	1.3	0.4	1.4	0.3	6.2	0.7												
10/14/84	1.0	ND	3.0	0.5	4.2	0.8	0.8	3.5	1.2												
10/16/84										0.6	ND	0.3	ND	0.3	ND	ND	ND	54	ND	ND	7.7
10/18/84										0.4	ND	0.2	ND	0.3	ND	0.3	ND	72	ND	ND	8.7
10/23/84										0.2	0.8	ND	ND	0.4	ND	0.4	ND	51	3.5	2.0	10.1
10/25/84	0.8	ND	3.8				1.0	ND	2.8	1.0	ND	0.4	ND	0.2	ND	0.3	0.7	17	ND	ND	9.2
10/26/84				1.7	ND	1.9															
10/29/84	0.6	4.1	1.7	ND	5.9	1.7	ND	5.5	1.7	1.1	ND	0.4	ND	0.2	ND	0.3	0.7	65	ND	ND	9.0
11/01/84										1.1	ND	0.4	ND	0.2	ND	0.3	ND	59	0.2	ND	8.6
11/06/84										1.2	ND	0.4	ND	0.3	ND	0.3	0.2	58	0.3	ND	9.7
11/08/84										1.2	ND	0.4	ND	0.3	ND	0.2	ND	54	0.2	ND	8.4
11/13/84										0.9	ND	0.5	ND	0.3	ND	0.2	0.4	49	0.2	ND	9.3
11/16/84										1.1	ND	0.4	ND	0.2	ND	0.3	ND	60	0.2	ND	9.1
11/19/84										1.0	ND	0.4	ND	ND	0.2	1.3	ND	42	1.2	ND	6.2
11/21/84										2.5	ND	0.3	ND	0.2	ND	1.1	ND	36	2.8	ND	5.2
11/27/84	1.2	3.8	2.6	1.0	5.5	3.0	0.9	5.7	2.9	3.2	ND	0.3	ND	ND	ND	0.4	ND	46	ND	ND	4.8
11/29/84										1.5	ND	0.4	ND	ND	ND	0.2	ND	38	ND	ND	7.2
12/04/84										2.4	ND	1.4	ND	ND	ND	0.5	ND	44	ND	ND	1.2
12/06/84										1.1	ND	0.3	ND	ND	ND	0.5	ND	43	ND	ND	5.9
12/11/84										1.1	ND	0.5				0.3	ND	39			
12/13/84																			ND	ND	6.1

SOUTH CHESHIRE WELLS - MONITORING RECORD

Collection DATE	DATE Analyzed	WELL #1 1,1,1 TCE	WELL #1 1,2 C12	WELL #1 TCE	WELL #2 1,1,1 TCE	WELL #2 1,2 C12	WELL #2 TCE	EFFLUENT #1 & #2 1,1,1 TCE	EFFLUENT #1 & #2 1,2 C12	EFFLUENT #1 & #2 TCE	Monitor Well 6 1,1,1 TCE	Monitor Well 6 1,2 C12	Monitor Well 6 TCE	Monitor Well 7 1,1,1 TCE	Monitor Well 7 1,2 C12	Monitor Well 7 TCE	WELL #4 1,1,1 TCE	WELL #4 1,2 C12	WELL #4 TCE	WELL #5 1,1,1 TCE	WELL #5 1,2 C12	WELL #5 TCE	ANALYST
12-6-84	12-7-84										0.5	ND	4.3	ND	ND	5.9	1.1	ND	0.3	ND	ND	ND	ECD
12-4-84	12-11-84										0.5	ND	4.4	ND	ND	1.2	2.4	ND	1.4	ND	ND	ND	ECD
12-11-84											0.3	ND	3.9				1.1	ND	0.5				
12-13-84														ND	ND	6.1							
12-18-84	1-2-85																1.1	ND	0.3				JP
12-20-84	1-2-85																1.1	ND	0.4				JP
12-26-84											ND	ND	ND	ND	ND	6.8	1.3	ND	0.5				JP
1-11-85	1-12-85	1.2	1.4	2.6	ND	4.8	5.8	0.7	2.4	3.4													[illegible]
1-14-85	1-14-85	0.8	ND	1.7	1.2	2.7	3.3	1.0	1.2	2.3													JP
1-2-85	1-14-85										ND	ND	20.7	ND	ND	4.8	0.6	ND	0.3				JP
1-4-85	1-15-85										ND	ND	30	ND	ND	4.9	0.5	ND	0.3				JP
1-7-85	1-19-85										ND	ND	29.1	ND	ND	5.1	0.5	ND	0.4				[illegible]
1-10-85	1-21-85										ND	ND	27.3	ND	ND	4.8	0.6	ND	0.4				JP
1-15-85	1-23-85										ND	ND	25.9	ND	ND	4.7	0.7	ND	0.3				ECD
1-18-85	1-24-85										ND	ND	28.8	ND	ND	4.8	0.7	ND	0.3				ECD
1-23-85	1-24-85	0.7	ND	1.7	1.9	0.6	1.4	1.2	0.4	1.3	ND	ND	23.6	ND	ND	3.9	0.7	ND	0.3				ECD
1-25-85	1-27-85										ND	ND	23.0	ND	ND	4.5	0.5	ND	0.3				ECD
2-1-85	2-1-85										ND	ND	27.0	ND	ND	5.0	0.8	ND	0.5				ECD
2-5-85	2-8-85										ND	ND	30.0	ND	ND	4.9	0.9	ND	0.7				ECD
2-12-85	2-16-85										ND	ND	29.0	ND	ND	3.6	0.7	ND	0.4				ECD
2-19-85	2-27-85										ND	ND	26.0	ND	ND	4.1	0.9	ND	0.5				ECD
2-25-85	2-28-85										ND	ND	27.0	ND	ND	4.5	0.8	ND	0.6				ECD
3-04-85	3-13-85										ND	ND	21.8	ND	ND	3.1	0.7	ND	0.4				ECD
3-07-85	3-07-85	ND	ND	0.8	0.7	ND	0.8	Pumped to Waste			ND	ND	17.4	ND	ND	5.3	ND	ND	ND				ECD
3-10-85	3-11-85	ND	ND	1.2	1.1	ND	1.8	ND	ND	1.4				ND	ND	8.4							ECD
3-11-85	3-12-85	ND	ND	1.4	1.0	ND	0.8	ND	ND	1.0													ECD

SOUTH CHESHIRE WELLS - MONITORING RECORD

Collection DATE	DATE Analyzed	WELL #1 1,1,1 TCE	WELL #1 1,2 C12	WELL #1 TCE	WELL #2 1,1,1 TCE	WELL #2 1,2 C12	WELL #2 TCE	EFFLUENT #1 & #2 1,1,1 TCE	EFFLUENT #1 & #2 1,2 C12	EFFLUENT #1 & #2 TCE	Monitor Well 6 1,1,1 TCE	Monitor Well 6 1,2 C12	Monitor Well 6 TCE	Monitor Well 7 1,1,1 TCE	Monitor Well 7 1,2 C12	Monitor Well 7 TCE	WELL #4 1,1,1 TCE	WELL #4 1,2 C12	WELL #4 TCE	ANALYST
3-13-85	3-14-85	0.4	ND	1.5	1.3	ND	0.8	1.1	ND	1.3										ECD
3-14-85	3-14-85	0.6	ND	1.4	1.1	ND	1.2	1.0	ND	1.1										ECD
3-15-85	3-16-85	0.4	ND	1.5	1.3	ND	0.6	0.7	ND	1.2	ND	ND	7.5	ND	ND	6.5	0.2	ND	0.2	ECD
3-19-85	3-26-85										ND	ND	20.7	ND	ND	3.6	0.5	ND	0.3	ECD
3-29-85	4-1-85										ND	ND	16.5	ND	ND	2.3	0.7	ND	0.4	ECD
3-30-85																				
3-31-85																				
4-01-85																				
4-02-85																				
4-03-85																				
4-04-85	4-06-85																			NG
4-05-85	4-06-85										0.3	ND	12.4	0.2	ND	2.6	1.1	ND	0.6	NG
4-19-85	4-19-85										ND	ND	14.6	ND	ND	2.4	0.8	ND	0.5	ECD
4-24-85	4-24-85	0.7	0.3	1.1	0.2	3.5	5.0	ND	1.6	2.6										ECD
4-27-85	4-27-85	0.9	ND	1.6	1.6	1.5	3.5	1.4	0.7	2.6	0.7	ND	7.9	0.2	ND	2.2	ND	1.0	0.8	ECD
4-30-85	4-30-85	0.6	ND	1.2	0.6	1.8	3.4	0.6	1.3	1.7										ECD
5-2-85	5-2-85	0.6	ND	0.8	1.1	0.5	12.0	1.3	0.2	0.8	0.3	ND	14.6	0.3	ND	1.4	1.4	ND	0.5	ECD
5-11-85	5-12-85	0.6	0.2	1.3	0.6	3.7	6.1	0.2	1.3	2.0										ECD
5-12-85	5-12-85	0.6	ND	1.6	0.9	0.2	1.7	0.7	ND	1.7	0.21	ND	10.4	0.2	ND	1.9	1.0	ND	0.8	ECD
5-14-85	5-15-85	NOT	RUNNING		0.6	2.4	4.8	0.4	3.2	4.0										ECD
5-19-85	5-20-85				0.2	4.4	6.9	0.2	4.4	6.4	0.3	ND	12.3	0.2	ND	2.6	1.0	ND	0.8	ECD
5-21-85	5-23-85				1.5	0.3	1.4	1.6	0.4	1.1							1.2	ND	0.8	[illegible]
5-24-85	5-28-85				1.3	1.3	2.1	0.8	2.6	3.2										[illegible]
5-25-85	5-26-85				1.8	ND	1.0	1.8	ND	0.7										✓
5-26-85	5-26-85				1.9	ND	0.9	1.5	ND	0.7										ECD
5-27-85	5-30-85				1.3	ND	0.7	2.0	ND	0.8										ECD
5-28-85	5-30-85				1.7	ND	0.6	2.1	ND	0.9										ECD
5-29-85	5-30-85				0.2	ND	0.6	1.8	ND	1.3										ECD

SOUTH CHESHIRE WELLS - MONITORING RECORD

Collection DATE	DATE Analyzed	WELL #1 RMW 1,1,1 TCE	1,2 C12	TCE	WELL #2 1,1,1 TCE	1,2 C12	TCE	EFFLUENT #1 & #2 1,1,1 TCE	1,2 C12	TCE	Monitor Well 6 1,1,1 TCE	1,2 C12	TCE	Monitor Well 7 1,1,1 TCE	1,2 C12	TCE	WELL #4 1,1,1 TCE	1,2 C12	TCE	ANALYST
7-13-85	7-15-85	0.1	ND	1.9	—	—	—	ND	ND	1.2										ECD
7-14-85		NOT RUN			NUN		NR													ECD
7-15-85	7-15-85	ND	ND	2.6	—	—	—	ND	ND	1.2										ECD
7-18-85	7-18-85	0.6	ND	2.2	—	—	—	0.2	ND	1.5										ECD
7-19-85	7-19-85	0.6	ND	2.6	—	—	—	ND	ND	1.8	ND	ND	8.4	ND	ND	7.1	1.6	ND	1.6	ECD
7-20-85	7-22-85	0.3	ND	1.9	—	—	—	ND	ND	1.2										ECD
7-21-85	7-22-85	0.4	ND	2.9	—	—	—	0.4	ND	1.8										ECD
7-22-85	7-23-85	0.5	ND	2.6	0.6	1.4	2.1	ND	ND	1.9										ECD
7-23-85	7-23-85	1.1	ND	3.6	—	—	—	ND	ND	1.6										ECD
7-24-85	7-25-85	1.0	ND	3.4	—	—	—	0.4	ND	1.8										ECD
7-25-85	7-26-85	0.3	ND	2.8	—	—	—	ND	ND	1.9	ND	ND	8.1	ND	ND	8.4	0.4	ND	0.3	ECD
7-28-85	7-29-85	ND	ND	2.5	—	—	—	ND	ND	1.9										ECD
7-29-85	7-29-85	0.3	ND	2.9	—	—	—	ND	ND	2.0										ECD
7-30-85	7-31-85	0.5	ND	2.4	—	—	—	0.5	ND	1.9										ECD
8-2-85	8-5-85	0.5	ND	2.8				ND	ND	1.9										ECD
8-4-85	8-5-85	0.4	ND	2.1				ND	ND	1.4										ECD
8-5-85	8-5-85	0.5	ND	3.9				ND	ND	2.3										ECD
8-6-85	8-6-85	0.5	ND	4.1				0.3	ND	1.7										ECD
8-7-85	8-8-85	0.4	ND	2.7				0.3	ND	1.6	ND	ND	8.4	0.3	ND	9.6	ND	ND	ND	ECD
8-9-85	8-9-85	0.5	ND	3.6				ND	ND	2.2										ECD
8-11-85	8-12-85	0.5	ND	2.8				0.2	ND	2.6										ECD
8-12-85	8-12-85	0.6	ND	4.3				ND	ND	2.8										ECD
8-13-85	8-13-85	0.5	ND	4.2				ND	ND	2.7										ECD
8-14-85	8-16-85	ND	ND	2.6				ND	ND	2.6										ECD
8-15-85	8-15-85	0.4	ND	2.9				0.4	ND	2.5										ECD
8-16-85	8-21-85	0.5	ND	3.9				ND	ND	1.7										

SOUTH CHESHIRE WELLS - MONITORING RECORD

Collection DATE	DATE Analyzed	WELL #1 1,1,1 TCE	WELL #1 1,2 C12	WELL #1 TCE	WELL #2 1,1,1 TCE	WELL #2 1,2 C12	WELL #2 TCE	EFFLUENT #1 & #2 1,1,1 TCE	EFFLUENT #1 & #2 1,2 C12	EFFLUENT #1 & #2 TCE	Monitor Well 6 1,1,1 TCE	Monitor Well 6 1,2 C12	Monitor Well 6 TCE	Monitor Well 7 1,1,1 TCE	Monitor Well 7 1,2 C12	Monitor Well 7 TCE	WELL #4 1,1,1 TCE	WELL #4 1,2 C12	WELL #4 TCE	S. CHESHIRE TOWER EFFLUENT 1,1 TCE	1,2 C12	TCE	ANALYST
9-20-85																							
9-21-85	9-23-85	0.5	ND	3.1	—	—	—	0.3	ND	3.1													
9-22-85	9-23-85	0.6	ND	4.2	—	—	—	ND	DATA	—													
9-23-85	9-23-85	0.3	ND	2.8	—	—	—	0.3	ND	2.8													
9-25-85	9-26-85	—	—	—	—	—	—	—	—	—	0.2	ND	21.4	ND	ND	9.5	0.6	ND	0.4	—			
10-2-85	10-3-85										ND	ND	23.3	ND	ND	5.1	0.3	ND	0.5				
10-4-85																							
10-21-85	10-21-85	ND	ND	3.1				ND	ND	2.0													WGD
10-22-85	10-22-85	ND	ND	3.9				ND	ND	2.8										ND	ND	2.4	WGD
10-24-85	10-24-85	0.6	ND	2.5				0.6	ND	2.2													WGD
10-26-85	10-28-85	ND	ND	3.0				ND	ND	1.2										0.5	ND	1.0	WGD
10-28-85	10-28-85	ND	ND	2.5				ND	1.1	4.4													WGD
10-30-85	10-30-85	0.5	ND	3.0				ND	ND	2.1	ND	ND	25.8	ND	ND	2.9	ND	ND	ND	ND	ND	2.5	WGD
11-2-85	11-4-85	ND	ND	3.4				ND	ND	2.4										ND	ND	2.6	WGD
11-4-85	11-4-85	0.5	ND	3.2				ND	ND	2.2													WGD
11-6-85	11-7-85	ND	ND	2.8				ND	ND	2.7	ND	ND	30.	ND	ND	4.2	ND	ND	ND	ND	ND	2.0	WGD
11-8-85	11-8-85	ND	ND	3.4				ND	ND	2.9										ND	ND	2.3	ECD
11-9-85	11-12-85	ND	ND	4.0				ND	ND	3.0										ND	ND	3.0	ECD
11-13-85	11-14-85	—	—	—	1.5	ND	0.6													1.0	ND	ND	ECD
11-15-85	11-16-85	—	—	—	1.2	ND	0.5	ND	ND	ND										ND	ND	ND	ECD
11-20-85	11-20-85	—	—	—	1.0	ND	0.5	ND	ND	0.7													ECD
11-22-85	11-22-85			—	1.1	ND	0.4													0.7	ND	ND	WGD
11-27-85	11-27-85	—	—	—	1.0	ND	0.6	0.7	ND	ND													ECD
11-30-85	12-2-85				1.0	ND	0.6	0.6	ND	ND													ECD

* Septic Leak

JUNE, '86 (1/2)

South Cheshire Wells - Monitoring Record

Date Col-lected	Date Ana-lyzed	Well #1 Raw 1,1,1-TCE	Well #1 Raw 1,2-DCP	Well #1 Raw TCE	Well #1 Raw PCE	Well #2 Raw 1,1,1-TCE	Well #2 Raw 1,2-DCP	Well #2 Raw TCE	Well #2 Raw PCE	Wells 1 & 2 Effluent 1,1,1-TCE	Wells 1 & 2 Effluent 1,2-DCP	Wells 1 & 2 Effluent TCE	Wells 1 & 2 Effluent PCE	Well #6 Raw 1,1,1-TCE	Well #6 Raw 1,2-DCP	Well #6 Raw TCE	Well #6 Raw PCE	Well #7 Raw 1,1,1-TCE	Well #7 Raw 1,2-DCP	Well #7 Raw TCE	Well #7 Raw PCE	Well #4 Raw 1,1,1-TCE	Well #4 Raw 1,2-DCP	Well #4 Raw TCE	Well #4 Raw PCE
6/1/86	6/2/86	<1.	ND	3.	ND.	<1.	ND	1.	ND	<1.	ND	<1.	ND												
6/2/86	6/2/86	<1	ND	4.	ND	<1.	ND	2.	<1.	<1.	ND	<1.	ND	2204.	ND	11.	<1.	ND	ND	2.	ND	>3400	ND	1.	ND
6/3/86	6/3/86	<1.	ND	4.	<1.	<1.	ND	2.	4.	<1.	ND	<1.	ND	>3200	ND	2.	ND	ND	ND	3.	ND	>3600	ND	ND	ND
6/4/86	6/4/86	ND	ND	3.	ND	<1.	ND	1.	ND	ND	ND	<1.	ND	1205.	ND	6.	ND	ND	ND	5.	ND	>3500	ND	36.	ND
6/5/86	←					NOT		RUNNING					→	>4000	ND	19.	ND	ND	ND	5.	ND	>7615	ND	35.	ND
6/6/86	←					NOT		RUNNING					→	2133	ND	12.	ND	ND	ND	5.	ND	4018.	ND	48	
6/7/86	←					NOT		RUNNING					→	1060	ND	12.	ND	<1.	ND	4.	ND	3466	ND	71.	ND
6/8/86	6/8/86	NOT RUNNING			→	<1.	ND	2.	ND	ND	ND	<1.	ND	2360	ND	10.	ND	ND	ND	4.	ND	3240	ND	40	ND
6/9/86	6/9/86	<1.	ND	3.	ND	<1.	ND	3.	ND	ND	ND	ND	ND	1061	ND	12.	ND	3.	ND	6.	ND	2115	ND	ND	ND
6/10/86	6/10/86	NOT RUNNING			→	<1.	ND	3.	ND	<1.	ND	ND	ND	1093.	ND	14.	ND	<1.	ND	6.	ND	3910	ND	ND	ND
6/11/86	6/11/86	<1.	ND	4.	ND	ND	ND	3.	ND	ND	ND	<1.	ND	672.	ND	10.	ND	ND	ND	5.	ND	5419	ND	ND	ND
6/12/86	←	NOT	RUNNING										→	493.	ND	11.	ND	ND	ND	4.	ND	1311	ND	ND	ND
6/13/86	6/13/86	<1.	ND	5.	ND	<1.	ND	<1.	ND	<1.	ND	<1.	ND	See	attached	sheets									
6/14/86	6/14/86	NOT	Running		→	<1.	ND	3.	ND	ND	ND	ND	ND	See	attached	sheets									
6/15/86	6/15/86	NOT	Running	→	→	<1.	ND	6.	<1.	ND	ND	<1.	ND	See	attached	sheets									
6/16/86	6/16/86	<1.	ND	5.	ND	<1.	ND	3.	ND	ND	ND	<1.	ND	See	attached	Sheets									
6/17/86	6/17/86	NOT	Running		→	<1.	ND	4.	<1.*	ND	ND	ND	ND**	from now on please see attached sheets for monitoring wells - [illegible] also well #6 will be used for comparison [illegible]											
6/18/86	6/18/86	NOT	Running		→	<1.	ND	3.	ND*	ND	ND	ND	ND*	* trans-1,2-DCE - 1. ppb; * acetone - <1., unidentified peak at RT 3.65 - 5. ppb relative to 1,1-DCE											
6/19/86	6/19/86	NOT	Running		→	<1.	ND	4.	ND*	ND	ND	<1.	ND*	* acetone - 1., unident. peak on Hall 3.6 - 1 ppb relative to 1,1-DCE; on FID [illegible] relative to acetone											
6/20/86	6/20/86	NOT	Running		→	1.	ND	4.	ND**	<1.	ND	<1.	ND*	* trans-1,2-DCE <1.; acetone <1.; ** chloroform 1. 1,1-DCE - 5.											
6/21/86	6/21/86	<1.	ND	6.	<1.*	<1.	ND	7.	<1.*	<1.	ND	<1.	ND*	* trans-1,2-DCE - <1.											
6/22/86	6/22/86	ND	ND	5.	<1.	<1.	ND	5.	<1.	ND	ND	<1.	ND												
6/23/86	6/23/86	NOT	RUNNING		→	<1.	ND	3.	ND*	ND	ND	<1.	ND*	* acetone - 1ppb; * Raw #2 [illegible] - 4; * acetone - 2ppb; * - unident. peak RT 3.76 - 3ppb relative to 1,1-DCE											

232E-3)
unknown peak at RT 3.76 – 3ppb relative to acetone
unknown peak at RT 4.56 – 6ppb relative to acetone; acetone = 2ppb
unknown peak at RT 4.56 – 2ppb relative to acetone; acetone = 4ppb

* unidentified peak at RT 4.49 – 1. relative to acetone (FID)
** unidentified peak at RT 3.74 – 6ppb relative to 1,1-DCE (Hall)
RT 1207 – 2ppb relative to PCE (Hall)

SOUTH CHESHIRE MONITORING WELL # 6 (1) June '86 NOTE: ALL CONCENTRATIONS IN µg/L (ppb)

SAMPLE DATE	1,1-DICHLORO-ETHYLENE	TRANS-1,2-DICHLORO-ETHYLENE	1,1-DICHLORO-ETHANE	1,1,1-TRI-CHLOROETHANE	TRICHLORO-ETHYLENE	1,2-DICHLORO-PROPANE	TETRACHLORO-ETHYLENE	ACETONE	CHLOROFORM	METHYLENE CHLORIDE	OTHERS
8/86	—	—	—	<1.	50.	6.	<1.	—	ND	—	
23/86	—	—	—	ND	9.	ND	ND	—	<1.	—	
30/86	—	—	—	>2000.	15.	ND	<1.	—	<1.	—	PEAKS AT 5.08, 4.40, 4.77 (560)
2/86	—	—	—	>2000	11.	ND	<1.	—	~16.	—	PEAKS AT RT 4.69, 5.78 (540)
13/86	ND	≠	≠	>3500	14.	ND	<1.	ND	~10.	—	
14/86	—	—	≠1.	1205.	6.	~~ND~~	~~ND~~	~~ND~~	—	—	
15/86	≠2.	7.	7.	>4000	19.	ND	ND	ND	~2	—	
16/86	ND	ND	10.	2133	~12.	ND	ND	ND	~90	—	
17/86	ND	ND	7.	1060.	12.	ND	ND	ND	~22	—	
18/86	ND	14. ≠	9.	2360	10.	ND	ND	ND	~31.	—	
19/86	ND	≠ 5	5.	1061	12.	ND	ND	ND	not quantified	ND	
10/86	ND	≠5.	7.	1093.	14.	ND	ND	ND	5.	ND	
11/86	<1.	ND	2.	672.	10.	ND	ND	ND	<1.	ND	
12/86	ND	≠5	≠2.	493.	11.	ND	ND	ND	<1.	ND	
13/86	<1.	ND	2.	401	18.	ND	ND	ND	ND	—	
14/86	<1.	2.	1.	451.	25.	ND	ND	18	ND	ND	unidentified peaks - Gas. cal. [illegible] 4.53(e); 5.59(4); 6.25(6)
15/86	ND	1.	2.	408.	14.	ND	ND	1.	ND	—	

≠ not quantified because of instrument integrate properly

SOUTH CHESHIRE MONITORING WELL #2 June '86 — CONCENTRATION IN µg/L (PPB)

SAMPLE DATE	1,1-DICHLOROETHYLENE	TRANS-1,2-DICHLOROETHYLENE	1,1-DICHLOROETHANE	1,1,1-TRICHLOROETHANE	TRICHLOROETHYLENE	1,2-DICHLOROPROPANE	TETRACHLOROETHYLENE	ACETONE	CHLOROFORM	METHYLENE CHLORIDE	OTHERS
6/16/86	<1.	1.	1.	516	14.	ND	ND	<1.	ND	—	
6/17/86	ND	1.	2.	417	17.	ND	ND	<1.	ND	—	unidentified peak on PID RT - 3.90 0-1 ppb mixture of decane
6/18/86	ND	<1.	<1.	151.	21.	ND	ND	ND	ND	—	
6/19/86	ND	ND	<1.	251.	18.	ND	ND	<1.	ND	—	unidentified peak on PID RT 1.47 - 2ppb relative to acetone
6/20/86	ND	<1.	2.	244.	11.	ND	ND	ND	ND	—	
6/23/86	ND	ND	ND	15.	19.	ND	ND	<1.	ND	—	unidentified peak at RT 4.46 - 2ppb on PID
6/25/86	ND	2.	<1.	46.	15.	ND	ND	ND	ND	—	
6/27/86	ND	2.	ND	46.	18.	ND	ND	ND	ND	—	
6/30/86	ND	2.	<1.	52.	12.	ND	ND	ND	ND	—	

SOUTH CHESHIRE MONITORING WELL #4 (1) June '86 NOTE: ALL CONCENTRATIONS IN ug/L (ppb)

SAMPLE DATE	1,1-DICHLORO-ETHYLENE	TRANS-1,2-DICHLORO-ETHYLENE	1,1-DICHLORO-ETHANE	1,1,1-TRI-CHLOROETHANE	TRICHLORO-ETHYLENE	1,2-DICHLORO-PROPANE	TETRACHLORO-ETHYLENE	ACETONE	CHLOROFORM	METHYLENE CHLORIDE	OTHERS
5/8/86	—	—	—	ND	ND	ND	ND	—	—	—	
5/23/86	—	—	—	15.	ND	ND	ND	—	—	—	
5/30/86	—	—	—	>2000	ND	ND	ND	—	4.	—	PEAKS AT 5.12, 4.59, 4.84
6/2/86	—	—	—	>3400	1.	ND	ND	—	14.	—	PEAKS AT RT 5.71, 4.60
6/3/86	‡70.	‡51.	358.	>4600	ND	ND	<1.	not quantified	not (~12) quantified	—	
6/4/86	‡10.	‡18.	246.	>3500	36.	ND	ND	not quantified	~11.	—	
6/5/86	‡10.	‡21.	244	>7615	35.	ND	ND	not quantified	may be masked	—	
6/6/86	ND	ND	231.	4018	48.	ND	ND	not quantified	~103	—	unidentified peaks at RT 4.50, 4.93
6/7/86	ND	ND	146	3466	71	ND	ND	not quantified	47.	—	unidentified peak at 4.48 & 4.93
6/8/86	‡12.	‡17.	140	3240	40.	ND	ND	~27.	23.	—	
6/9/86	ND	‡20.	171.	2185	ND	ND	ND	‡500	not quantified	ND	
6/10/86	ND	‡13.	228.	3910	ND	ND	ND	‡202.	4.	ND	
6/11/86	‡9.	‡17.	268.	3419.	ND	ND	ND	175.	3.	ND	
6/12/86	ND	‡3.	97.	1311.	ND	ND	ND	‡‡275.	ND	ND	
6/13/86	‡4.	‡8.	182.	2265.	not quantified because peak [illegible]	ND	ND	443	ND	—	
6/14/86	‡5.	‡17.	336.	3133	32.	ND	ND	673.	ND	ND	See attached sheet
6/15/86	‡5.	‡6.	142.	2303.	28.	ND	ND	200.	ND	—	See attached sheet
6/16/86	ND	10.	146.	2910.	33.	ND	ND	293	ND	—	Benzene <1. See attached sheet
6/17/86	‡7.	‡3.	375.	2935.	12.	ND	ND	390.	ND	—	See attached sheet.

‡ improperly integrated ‡‡ calculated by peak height

SOUTH CHESHIRE MONITORING WELL #4 (2) JUNE 1986 Note: ALL CONCENTRATIONS in ug/L (ppb)

SAMPLE DATE	1,1-DICHLORO-ETHYLENE	TRANS-1,2-DICHLORO-ETHYLENE	1,1-DICHLORO-ETHANE	1,1,1-TRI-CHLOROETHANE	TRICHLORO-ETHYLENE	1,2-DICHLORO-PROPANE	TETRACHLORO-ETHYLENE	ACETONE	CHLOROFORM	METHYLENE CHLORIDE	OTHERS
6/18/86	* 4.	* 8.	313.	2229.	44.	ND	ND	342.	ND	—	See attached sheet
6/19/86	* 4	* 10	220.	1227.	37.	ND	ND	387.	ND	—	See attached sheet.
6/20/86	* 3	* 11.	371.	1972.	39.	ND	<1.	120.	ND	—	See attached sheet.
6/23/86	* <1.	* 1.	208.	1030.	34.	ND	ND	255.	4	—	See attached sheet
6/25/86	* 1.	* 2.	306.	1032.	43.	ND	ND	302.	ND	—	See attached sheet.
6/27/86	* 1.	* 2.	272.	788.	33.	ND	ND	301.	ND	—	See attached sheet.
6/30/86	* 1.	* 2.	342.	945.	38.	ND	ND	234.	ND	—	See attached sheet

* improperly integrated

SOUTH CHESHIRE MONITORING WELL # 1 (c) June '86 NOTE: [illegible] (ppm)

SAMPLE DATE	1,1-DICHLORO ETHYLENE	TRANS-1,2-DICHLORO-ETHYLENE	1,1-DICHLORO ETHANE	1,1,1-TRI-CHLOROETHANE	TRICHLORO-ETHYLENE	1,2-DICHLORO PROPANE	TETRACHLORO ETHYLENE	ACETONE	CHLOROFORM	METHYLENE CHLORIDE	OTHERS
6/19/86	ND	ND	ND	ND	6.	ND	ND	1.	ND	—	unidentified peak on PID 4.47 2pp relative to acet.
6/20/86	ND	<1.	ND	ND	5.	ND	ND	<1.	ND	—	unidentified peak on Hall at RT 3.38 <1 relative
6/23/86	ND	ND	ND	ND	5.	ND	ND	ND	ND	—	unidentified peak at RT 4.12 2 ppm relative to acetone
6/25/86	ND	2.	ND	ND	6.	ND	ND	ND	ND	—	
6/27/86	ND	ND	ND	<1.	5.	ND	ND	ND	ND	—	
6/30/86	ND	2.	ND	ND	6.	ND	ND	ND	ND	—	

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

October, 1986

South Cheshire Wellfield - Effluent
Wells #1 and #2

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
10/01/86	BDL	BDL	BDL
10/02/86	BDL	BDL	BDL
10/03/86	BDL	BDL	BDL
10/04/86	- - - - Not Running - - - -		
10/05/86	BDL	BDL	BDL
10/06/86	BDL	BDL	BDL
10/07/86	BDL	BDL	BDL
10/08/86	BDL	BDL	BDL
10/09/86	BDL	BDL	BDL
10/10/86	BDL	BDL	BDL
10/11/86	- - - - Not Running - - - -		
10/12/86	BDL	BDL	BDL
10/13/86	- - Not Collected - Holiday - -		
10/14/86	BDL	BDL	BDL
10/15/86	BDL	BDL	BDL
10/16/86	BDL	BDL	BDL
10/17/86	BDL	BDL	BDL
10/18/86	- - - - Not Running - - - -		
10/19/86	BDL	BDL	BDL
10/20/86	BDL	BDL	BDL
10/21/86	BDL	BDL	BDL
10/22/86	BDL	BDL	BDL
10/23/86	BDL	BDL	BDL
10/24/86	BDL	BDL	BDL
10/25/86	- - - - Not Running - - - -		
10/26/86	BDL	BDL	BDL
10/27/86	2.	BDL	BDL
10/28/86	BDL	BDL	BDL
10/29/86	BDL	BDL	BDL
10/30/86	BDL	BDL	BDL
10/31/86	BDL	BDL	BDL

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1301A-1)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

October, 1986

South Cheshire Wellfield - Well #2 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
10/01/86	BDL	BDL	10.
10/02/86	BDL	BDL	13.
10/03/86	BDL	BDL	14.
10/04/86	- - - - Not Running - - - -		
10/05/86	BDL	BDL	14.
10/06/86	BDL	BDL	14.
10/07/86	BDL	BDL	14.
10/08/86	BDL	BDL	14.
10/09/86	BDL	BDL	13.
10/10/86	BDL	BDL	13.
10/11/86	- - - - Not Running - - - -		
10/12/86	BDL	BDL	15.
10/13/86	- - Not Collected - Holiday - -		
10/14/86	BDL	BDL	12.
10/15/86	BDL	BDL	15.
10/16/86	BDL	BDL	15.
10/17/86	BDL	BDL	10.
10/18/86	- - - - Not Running - - - -		
10/19/86	BDL	BDL	14.
10/20/86	BDL	BDL	13.
10/21/86	- - - - Not Running - - - -		
10/22/86	BDL	BDL	15.
10/23/86	BDL	BDL	16.
10/24/86	BDL	BDL	15.
10/25/86	- - - - Not Running - - - -		
10/26/86	BDL	BDL	17.
10/27/86	3.	BDL	14.
10/28/86	BDL	BDL	14.
10/29/86	BDL	BDL	11.
10/30/86	BDL	BDL	13.
10/31/86	BDL	BDL	10.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1301A-3)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

October, 1986

South Cheshire Wellfield - Well #1 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
10/01/86	- - - -	Not Running	- - - -
10/02/86	- - - -	Not Running	- - - -
10/03/86	- - - -	Not Running	- - - -
10/04/86	- - - -	Not Running	- - - -
10/05/86	- - - -	Not Running	- - - -
10/06/86	- - - -	Not Running	- - - -
10/07/86	- - - -	Not Running	- - - -
10/08/86	- - - -	Not Running	- - - -
10/09/86	- - - -	Not Running	- - - -
10/10/86	- - - -	Not Running	- - - -
10/11/86	- - - -	Not Running	- - - -
10/12/86	- - - -	Not Running	- - - -
10/13/86	- - Not Collected - Holiday - -		
10/14/86	- - - -	Not Running	- - - -
10/15/86	- - - -	Not Running	- - - -
10/16/86	- - - -	Not Running	- - - -
10/17/86	- - - -	Not Running	- - - -
10/18/86	- - - -	Not Running	- - - -
10/19/86	- - - -	Not Running	- - - -
10/20/86	- - - -	Not Running	- - - -
10/21/86	BDL	BDL	7.
10/22/86	- - - -	Not Running	- - - -
10/23/86	- - - -	Not Running	- - - -
10/24/86	- - - -	Not Running	- - - -
10/25/86	- - - -	Not Running	- - - -
10/26/86	- - - -	Not Running	- - - -
10/27/86	- - - -	Not Running	- - - -
10/28/86	- - - -	Not Running	- - - -
10/29/86	- - - -	Not Running	- - - -
10/30/86	- - - -	Not Running	- - - -
10/31/86	- - - -	Not Running	- - - -

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1301A-2)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

November, 1986

South Cheshire Wellfield - Effluent
Wells #1 and #2

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
11/01/86	- - - - Not Running - - - -		
11/02/86	BDL	BDL	BDL
11/03/86	BDL	BDL	BDL
11/04/86	BDL	BDL	BDL
11/05/86	BDL	BDL	BDL
11/06/86	BDL	BDL	BDL
11/07/86	BDL	BDL	BDL
11/08/86	- - - - Not Running - - - -		
11/09/86	BDL	BDL	BDL
11/10/86	BDL	BDL	BDL
11/11/86	- - Not Collected - Holiday - -		
11/12/86	BDL	BDL	BDL
11/13/86	BDL	BDL	BDL
11/14/86	BDL	BDL	BDL
11/15/86	- - - - Not Running - - - -		
11/16/86	BDL	BDL	BDL
11/17/86	BDL	BDL	BDL
11/18/86	BDL	BDL	BDL
11/19/86	BDL	BDL	BDL
11/20/86	BDL	BDL	BDL
11/21/86	BDL	BDL	BDL
11/22/86	- - - - Not Running - - - -		
11/23/86	BDL	BDL	BDL
11/24/86	BDL	BDL	BDL
11/25/86	BDL	BDL	BDL
11/26/86	BDL	BDL	BDL
11/27/86	- - Not Collected - Holiday - -		
11/28/86	BDL	BDL	1.
11/29/86	BDL	BDL	1.
11/30/86	BDL	BDL	1.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1342A-1)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

November, 1986

South Cheshire Wellfield - Well #1 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
11/01/86	- - - - Not Running - - - -		
11/02/86	- - - - Not Running - - - -		
11/03/86	- - - - Not Running - - - -		
11/04/86	- - - - Not Running - - - -		
11/05/86	- - - - Not Running - - - -		
11/06/86	- - - - Not Running - - - -		
11/07/86	- - - - Not Running - - - -		
11/08/86	- - - - Not Running - - - -		
11/09/86	- - - - Not Running - - - -		
11/10/86	- - - - Not Running - - - -		
11/11/86	- - Not Collected - Holiday - -		
11/12/86	BDL	BDL	5.
11/13/86	- - - - Not Running - - - -		
11/14/86	- - - - Not Running - - - -		
11/15/86	- - - - Not Running - - - -		
11/16/86	- - - - Not Running - - - -		
11/17/86	- - - - Not Running - - - -		
11/18/86	- - - - Not Running - - - -		
11/19/86	- - - - Not Running - - - -		
11/20/86	- - - - Not Running - - - -		
11/21/86	- - - - Not Running - - - -		
11/22/86	- - - - Not Running - - - -		
11/23/86	- - - - Not Running - - - -		
11/24/86	- - - - Not Running - - - -		
11/25/86	- - - - Not Running - - - -		
11/26/86	- - - - Not Running - - - -		
11/27/86	- - Not Collected - Holiday - -		
11/28/86	BDL	BDL	15.
11/29/86	BDL	BDL	16.
11/30/86	BDL	BDL	17.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1342A-2)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

November, 1986

South Cheshire Wellfield - Well #2 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
11/01/86	- - - - Not Running - - - -		
11/02/86	BDL	BDL	6.
11/03/86	BDL	BDL	13.
11/04/86	BDL	4.	12.
11/05/86	BDL	BDL	14.
11/06/86	BDL	BDL	13.
11/07/86	BDL	BDL	13.
11/08/86	- - - - Not Running - - - -		
11/09/86	BDL	BDL	13.
11/10/86	BDL	BDL	18.
11/11/86	- - Not Collected - Holiday - -		
11/12/86	BDL	BDL	14.
11/13/86	BDL	BDL	11.
11/14/86	BDL	BDL	7.
11/15/86	- - - - Not Running - - - -		
11/16/86	BDL	BDL	14.
11/17/86	BDL	BDL	12.
11/18/86	BDL	BDL	9.
11/19/86	BDL	BDL	10.
11/20/86	BDL	BDL	9.
11/21/86	BDL	BDL	10.
11/22/86	- - - - Not Running - - - -		
11/23/86	BDL	BDL	20.
11/24/86	BDL	BDL	16.
11/25/86	BDL	BDL	10.
11/26/86	BDL	BDL	12.
11/27/86	- - Not Collected - Holiday - -		
11/28/86	BDL	BDL	19.
11/29/86	BDL	BDL	22.
11/30/86	BDL	BDL	20.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1342A-3)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

February, 1987

South Cheshire Wellfield - Effluent
Wells #1 and #2

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
02/01/87	BDL	BDL	1.
02/02/87	BDL	BDL	2.
02/03/87	BDL	BDL	BDL
02/04/87	BDL	BDL	2.
02/05/87	BDL	BDL	1.
02/06/87	BDL	BDL	1.
02/07/87	BDL	BDL	2.
02/08/87	BDL	BDL	2.
02/09/87	BDL	BDL	2.
02/10/87	BDL	BDL	BDL
02/11/87	BDL	BDL	1.
02/12/87	BDL	BDL	1.
02/13/87	BDL	BDL	1.
02/14/87	BDL	BDL	2.
02/15/87	BDL	BDL	1.
02/16/87	- - Not Collected - Holiday - -		
02/17/87	BDL	BDL	2.
02/18/87	BDL	BDL	2.
02/19/87	BDL	BDL	2.
02/20/87	BDL	BDL	1.
02/21/87	BDL	BDL	1.
02/22/87	BDL	BDL	BDL
02/23/87	BDL	BDL	2.
02/24/87	BDL	BDL	2.
02/25/87	BDL	BDL	2.
02/26/87	BDL	BDL	2.
02/27/87	BDL	BDL	2.
02/28/87	BDL	BDL	2.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0187F-1)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

February, 1987

South Cheshire Wellfield - Well #2 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
02/01/87	BDL	BDL	21.
02/02/87	- - - - Not Running - - - -		
02/03/87	BDL	BDL	15.
02/04/87	BDL	BDL	21.
02/05/87	BDL	BDL	21.
02/06/87	BDL	BDL	25.
02/07/87	BDL	BDL	24.
02/08/87	BDL	BDL	18.
02/09/87	- - - - Not Running - - - -		
02/10/87	BDL	BDL	25.
02/11/87	BDL	BDL	22.
02/12/87	BDL	BDL	21.
02/13/87	BDL	BDL	19.
02/14/87	BDL	BDL	23.
02/15/87	BDL	BDL	22.
02/16/87	- - Not Collected - Holiday - -		
02/17/87	BDL	BDL	21.
02/18/87	BDL	BDL	21.
02/19/87	- - - - Not Running - - - -		
02/20/87	BDL	BDL	23.
02/21/87	BDL	BDL	24.
02/22/87	BDL	BDL	20.
02/23/87	- - - - Not Running - - - -		
02/24/87	BDL	BDL	21.
02/25/87	- - - - Not Running - - - -		
02/26/87	BDL	BDL	24.
02/27/87	BDL	BDL	20.
02/28/87	- - - - Not Running - - - -		

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0187F-3)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

February, 1987

South Cheshire Wellfield - Well #1 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
02/01/87	BDL	BDL	29.
02/02/87	BDL	BDL	25.
02/03/87	BDL	BDL	18.
02/04/87	BDL	BDL	23.
02/05/87	BDL	BDL	24.
02/06/87	BDL	BDL	26.
02/07/87	BDL	BDL	21.
02/08/87	BDL	BDL	24.
02/09/87	BDL	BDL	24.
02/10/87	- - - - Not Running - - - -		
02/11/87	BDL	BDL	20.
02/12/87	BDL	BDL	22.
02/13/87	BDL	BDL	21.
02/14/87	BDL	BDL	19.
02/15/87	BDL	BDL	26.
02/16/87	- - Not Collected - Holiday - -		
02/17/87	BDL	BDL	22.
02/18/87	BDL	BDL	25.
02/19/87	BDL	BDL	23.
02/20/87	- - - - Not Running - - - -		
02/21/87	BDL	BDL	20.
02/22/87	BDL	BDL	20.
02/23/87	BDL	BDL	22.
02/24/87	BDL	BDL	22.
02/25/87	BDL	BDL	23.
02/26/87	BDL	BDL	23.
02/27/87	BDL	BDL	21.
02/28/87	BDL	BDL	24.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0187F-2)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

March, 1987

South Cheshire Wellfield - Effluent
Wells #1 and #2

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
03/01/87	BDL	BDL	2.
03/02/87	BDL	BDL	2.
03/03/87	BDL	BDL	2.
03/04/87	BDL	BDL	2.
03/05/87	BDL	BDL	1.
03/06/87	BDL	BDL	1.
03/07/87	BDL	BDL	1.
03/08/87	BDL	BDL	2.
03/09/87	BDL	BDL	2.
03/10/87	BDL	BDL	2.
03/11/87	BDL	BDL	2.
03/12/87	BDL	BDL	2.
03/13/87	BDL	BDL	2.
03/14/87	BDL	BDL	2.
03/15/87	BDL	BDL	2.
03/16/87	BDL	BDL	2.
03/17/87	BDL	BDL	2.
03/18/87	BDL	BDL	2.
03/19/87	BDL	BDL	1.
03/20/87	BDL	BDL	2.
03/21/87	BDL	BDL	1.
03/22/87	BDL	BDL	2.
03/23/87	BDL	BDL	1.
03/24/87	BDL	BDL	2.
03/25/87	BDL	BDL	2.
03/26/87	BDL	BDL	2.
03/27/87	BDL	BDL	1.
03/28/87	BDL	BDL	BDL
03/29/87	BDL	BDL	1.
03/30/87	BDL	BDL	2.
03/31/87	BDL	BDL	1.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0229F-1)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

March, 1987

South Cheshire Wellfield - Well #2 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
03/01/87	BDL	BDL	23.
03/02/87	- - - - Not Running - - - -		
03/03/87	- - - - Not Running - - - -		
03/04/87	BDL	BDL	25.
03/05/87	BDL	BDL	15.
03/06/87	BDL	BDL	21.
03/07/87	- - - - Not Running - - - -		
03/08/87	- - - - Not Running - - - -		
03/09/87	BDL	BDL	20.
03/10/87	BDL	BDL	22.
03/11/87	BDL	BDL	24.
03/12/87	- - - - Not Running - - - -		
03/13/87	BDL	BDL	20.
03/14/87	- - - - Not Running - - - -		
03/15/87	BDL	BDL	23.
03/16/87	BDL	BDL	21.
03/17/87	BDL	BDL	25.
03/18/87	BDL	BDL	28.
03/19/87	BDL	BDL	23.
03/20/87	- - - - Not Running - - - -		
03/21/87	- - - - Not Running - - - -		
03/22/87	- - - - Not Running - - - -		
03/23/87	BDL	BDL	25.
03/24/87	BDL	BDL	25.
03/25/87	BDL	BDL	21.
03/26/87	- - - - Not Running - - - -		
03/27/87	BDL	BDL	17.
03/28/87	BDL	BDL	19.
03/29/87	BDL	BDL	24.
03/30/87	- - - - Not Running - - - -		
03/31/87	- - - - Not Running - - - -		

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0229F-3)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

March, 1987

South Cheshire Wellfield - Well #1 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
03/01/87	BDL	BDL	24.
03/02/87	BDL	BDL	23.
03/03/87	BDL	BDL	23.
03/04/87	BDL	BDL	26.
03/05/87	BDL	BDL	15.
03/06/87	BDL	BDL	17.
03/07/87	BDL	BDL	15.
03/08/87	BDL	BDL	16.
03/09/87	BDL	BDL	24.
03/10/87	BDL	BDL	24.
03/11/87	BDL	BDL	21.
03/12/87	BDL	BDL	24.
03/13/87	BDL	BDL	19.
03/14/87	BDL	BDL	24.
03/15/87	BDL	BDL	24.
03/16/87	BDL	BDL	24.
03/17/87	BDL	BDL	25.
03/18/87	BDL	BDL	22.
03/19/87	BDL	BDL	21.
03/20/87	BDL	BDL	20.
03/21/87	BDL	BDL	25.
03/22/87	BDL	BDL	32.
03/23/87	BDL	BDL	26.
03/24/87	BDL	BDL	23.
03/25/87	BDL	BDL	21.
03/26/87	BDL	BDL	22.
03/27/87	BDL	BDL	18.
03/28/87	BDL	BDL	19.
03/29/87	BDL	BDL	23.
03/30/87	BDL	BDL	23.
03/31/87	BDL	BDL	21.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0229F-2)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

April, 1987

South Cheshire Wellfield - Effluent
Wells #1 and #2

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
04/01/87	BDL	BDL	2.
04/02/87	BDL	BDL	2.
04/03/87	BDL	BDL	2.
04/04/87	BDL	BDL	2.
04/05/87	BDL	BDL	2.
04/06/87	BDL	BDL	1.
04/07/87	BDL	BDL	2.
04/08/87	BDL	BDL	BDL
04/09/87	BDL	BDL	1.
04/10/87	BDL	BDL	BDL
04/11/87	BDL	BDL	1.
04/12/87	BDL	BDL	1.
04/13/87	BDL	BDL	1.
04/14/87	BDL	BDL	1.
04/15/87	BDL	BDL	1.
04/16/87	BDL	BDL	BDL
04/17/87	- - - No Sample - Holiday - - -		
04/18/87	BDL	BDL	BDL
04/19/87	- - - No Sample - Holiday - - -		
04/20/87	BDL	BDL	1.
04/21/87	BDL	BDL	1.
04/22/87	BDL	BDL	1.
04/23/87	BDL	BDL	1.
04/24/87	BDL	BDL	BDL
04/25/87	BDL	BDL	1.
04/26/87	BDL	BDL	1.
04/27/87	BDL	BDL	BDL
04/28/87	BDL	BDL	1.
04/29/87	BDL	BDL	1.
04/30/87	BDL	BDL	1.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0265F-1)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

April, 1987

South Cheshire Wellfield - Well #2 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
04/01/87	- - - - Not Running - - - -		
04/02/87	- - - - Not Running - - - -		
04/03/87	BDL	BDL	21.
04/04/87	- - - - Not Running - - - -		
04/05/87	- - - - Not Running - - - -		
04/06/87	BDL	BDL	17.
04/07/87	- - - - Not Running - - - -		
04/08/87	- - - - Not Running - - - -		
04/09/87	BDL	BDL	19.
04/10/87	- - - - No Sample - - - -		
04/11/87	- - - - Not Running - - - -		
04/12/87	- - - - Not Running - - - -		
04/13/87	- - - - Not Running - - - -		
04/14/87	- - - - Not Running - - - -		
04/15/87	BDL	BDL	17.
04/16/87	BDL	BDL	17.
04/17/87	- - - No Sample - Holiday - - -		
04/18/87	- - - - Not Running - - - -		
04/19/87	- - - No Sample - Holiday - - -		
04/20/87	BDL	BDL	18.
04/21/87	- - - - Not Running - - - -		
04/22/87	BDL	BDL	16.
04/23/87	BDL	BDL	15.
04/24/87	BDL	BDL	17.
04/25/87	- - - - Not Running - - - -		
04/26/87	BDL	BDL	18.
04/27/87	BDL	BDL	15.
04/28/87	- - - - Not Running - - - -		
04/29/87	- - - - Not Running - - - -		
04/30/87	BDL	BDL	21.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0265F-3)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

April, 1987

South Cheshire Wellfield - Well #1 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
04/01/87	BDL	BDL	22.
04/02/87	BDL	BDL	20.
04/03/87	BDL	BDL	19.
04/04/87	BDL	BDL	18.
04/05/87	BDL	BDL	21.
04/06/87	BDL	BDL	19.
04/07/87	BDL	BDL	19.
04/08/87	BDL	BDL	23.
04/09/87	BDL	BDL	18.
04/10/87	- - - - No Sample - - - -		
04/11/87	BDL	BDL	19.
04/12/87	BDL	BDL	18.
04/13/87	BDL	BDL	19.
04/14/87	BDL	BDL	21.
04/15/87	BDL	BDL	15.
04/16/87	- - - - Not Running - - - -		
04/17/87	- - - No Sample - Holiday - - -		
04/18/87	BDL	BDL	18.
04/19/87	- - - No Sample - Holiday - - -		
04/20/87	- - - - Not Running - - - -		
04/21/87	BDL	BDL	18.
04/22/87	- - - - Not Running - - - -		
04/23/87	BDL	BDL	14.
04/24/87	- - - - Not Running - - - -		
04/25/87	BDL	BDL	18.
04/26/87	BDL	BDL	18.
04/27/87	- - - - Not Running - - - -		
04/28/87	BDL	BDL	17.
04/29/87	BDL	BDL	17.
04/30/87	BDL	BDL	16.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0265F-2)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

MAY, 1987

South Cheshire Wellfield - Effluent
Wells #1 and #2

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
05/01/87	BDL	BDL	1.
05/02/87	BDL	BDL	1.
05/03/87	BDL	BDL	1.
05/04/87	BDL	BDL	BDL
05/05/87	- - - - Not Running - - - -		
05/06/87	BDL	BDL	1.
05/07/87	BDL	BDL	1.
05/08/87	BDL	BDL	2.
05/09/87	BDL	BDL	1.
05/10/87	BDL	BDL	2.
05/11/87	BDL	BDL	BDL
05/12/87	BDL	BDL	1.
05/13/87	BDL	BDL	BDL
05/14/87	BDL	BDL	BDL
05/15/87	BDL	BDL	1.
05/16/87	BDL	BDL	2.
05/17/87	BDL	BDL	1.
05/18/87	BDL	BDL	2.
05/19/87	- - - - Not Running - - - -		
05/20/87	BDL	BDL	BDL
05/21/87	BDL	BDL	2.
05/22/87	BDL	BDL	2.
05/23/87	BDL	BDL	2.
05/24/87	BDL	BDL	2.
05/25/87	- - - No Sample - Holiday - - -		
05/26/87	BDL	BDL	2.
05/27/87	BDL	BDL	2.
05/28/87	BDL	BDL	2.
05/29/87	BDL	BDL	3.
05/30/87	- - - - Not Running - - - -		
05/31/87	BDL	BDL	2.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0302F-1)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

MAY, 1987

South Cheshire Wellfield - Well #2 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
05/01/87	- - - - Not Running - - - -		
05/02/87	- - - - Not Running - - - -		
05/03/87	- - - - Not Running - - - -		
05/04/87	BDL	BDL	16.
05/05/87	- - - - Not Running - - - -		
05/06/87	BDL	BDL	15.
05/07/87	BDL	BDL	17.
05/08/87	BDL	BDL	18.
05/09/87	BDL	BDL	21.
05/10/87	BDL	BDL	18.
05/11/87	BDL	BDL	15.
05/12/87	- - - - No Sample - - - -		
05/13/87	BDL	BDL	15.
05/14/87	BDL	BDL	12.
05/15/87	BDL	BDL	15.
05/16/87	BDL	BDL	20.
05/17/87	BDL	BDL	15.
05/18/87	BDL	BDL	16.
05/19/87	- - - - Not Running - - - -		
05/20/87	BDL	BDL	16.
05/21/87	BDL	BDL	18.
05/22/87	BDL	BDL	13.
05/23/87	BDL	BDL	17.
05/24/87	BDL	BDL	14.
05/25/87	- - - No Sample - Holiday - - -		
05/26/87	BDL	BDL	25.
05/27/87	BDL	BDL	25.
05/28/87	BDL	BDL	20.
05/29/87	BDL	BDL	26.
05/30/87	BDL	BDL	26.
05/31/87	BDL	BDL	20.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0302F-3)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

May, 1987

South Cheshire Wellfield - Well #1 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
05/01/87	BDL	BDL	17.
05/02/87	BDL	BDL	18.
05/03/87	BDL	BDL	18.
05/04/87	BDL	BDL	15.
05/05/87	- - - - Not Running - - - -		
05/06/87	BDL	BDL	19.
05/07/87	- - - - Not Running - - - -		
05/08/87	BDL	BDL	19.
05/09/87	BDL	BDL	20.
05/10/87	- - - - Not Running - - - -		
05/11/87	- - - - Not Running - - - -		
05/12/87	BDL	BDL	13.
05/13/87	BDL	BDL	14.
05/14/87	BDL	BDL	12.
05/15/87	BDL	BDL	12.
05/16/87	BDL	BDL	18.
05/17/87	BDL	BDL	16.
05/18/87	BDL	BDL	15.
05/19/87	- - - - Not Running - - - -		
05/20/87	BDL	BDL	17.
05/21/87	BDL	BDL	24.
05/22/87	BDL	BDL	14.
05/23/87	BDL	BDL	18.
05/24/87	BDL	BDL	15.
05/25/87	- - - No Sample - Holiday - - -		
05/26/87	BDL	BDL	25.
05/27/87	BDL	BDL	23.
05/28/87	BDL	BDL	20.
05/29/87	BDL	BDL	23.
05/30/87	- - - - Not Running - - - -		
05/31/87	BDL	BDL	18.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0302F-2)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

JUNE, 1987

South Cheshire Wellfield - Effluent
Wells #1 and #2

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
06/01/87	BDL	BDL	2.
06/02/87	BDL	BDL	2.
06/03/87	BDL	BDL	2.
06/04/87	BDL	BDL	2.
06/05/87	BDL	BDL	2.
06/06/87	BDL	BDL	2.
06/07/87	BDL	BDL	2.
06/08/87	BDL	BDL	2.
06/09/87	BDL	BDL	1.
06/10/87	BDL	BDL	1.
06/11/87	BDL	BDL	2.
06/12/87	BDL	BDL	2.
06/13/87	BDL	BDL	2.
06/14/87	BDL	BDL	1.
06/15/87	BDL	BDL	2.
06/16/87	BDL	BDL	1.
06/17/87	BDL	BDL	2.
06/18/87	BDL	BDL	2.
06/19/87	BDL	BDL	2.
06/20/87	BDL	BDL	2.
06/21/87	BDL	BDL	2.
06/22/87	BDL	BDL	2.
06/23/87	BDL	BDL	2.
06/24/87	BDL	BDL	2.
06/25/87	BDL	BDL	2.
06/26/87	BDL	BDL	2.
06/27/87	BDL	BDL	3.
06/28/87	BDL	BDL	2.
06/29/87	BDL	BDL	2.
06/30/87	BDL	BDL	2.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1624A-1)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

JUNE, 1987

South Cheshire Wellfield - Well #2 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
06/01/87	- - - - Not Running - - - -		
06/02/87	- - - - Not Running - - - -		
06/03/87	BDL	BDL	22.
06/04/87	BDL	BDL	18.
06/05/87	BDL	BDL	18.
06/06/87	BDL	BDL	23.
06/07/87	BDL	BDL	18.
06/08/87	BDL	BDL	22.
06/09/87	BDL	BDL	19.
06/10/87	BDL	BDL	16.
06/11/87	BDL	BDL	16.
06/12/87	BDL	BDL	18.
06/13/87	- - - - Not Running - - - -		
06/14/87	BDL	BDL	17.
06/15/87	BDL	BDL	16.
06/16/87	BDL	BDL	20.
06/17/87	BDL	BDL	18.
06/18/87	BDL	BDL	20.
06/19/87	BDL	BDL	18.
06/20/87	BDL	BDL	13.
06/21/87	BDL	BDL	21.
06/22/87	BDL	BDL	21.
06/23/87	- - - - Not Running - - - -		
06/24/87	BDL	BDL	19.
06/25/87	BDL	BDL	21.
06/26/87	- - - - No Sample - - - -		
06/27/87	BDL	BDL	25.
06/28/87	BDL	BDL	22.
06/29/87	BDL	BDL	22.
06/30/87	BDL	BDL	19.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1624A-3)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

JUNE, 1987

South Cheshire Wellfield - Well #1 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
06/01/87	BDL	BDL	23.
06/02/87	BDL	BDL	19.
06/03/87	BDL	BDL	17.
06/04/87	BDL	BDL	18.
06/05/87	BDL	BDL	22.
06/06/87	BDL	BDL	24.
06/07/87	BDL	BDL	18.
06/08/87	BDL	BDL	21.
06/09/87	- - - - Not Running - - - -		
06/10/87	- - - - Not Running - - - -		
06/11/87	BDL	BDL	15.
06/12/87	BDL	BDL	18.
06/13/87	BDL	BDL	22.
06/14/87	BDL	BDL	18.
06/15/87	BDL	BDL	16.
06/16/87	BDL	BDL	20.
06/17/87	BDL	BDL	18.
06/18/87	BDL	BDL	18.
06/19/87	BDL	BDL	18.
06/20/87	BDL	BDL	21.
06/21/87	BDL	BDL	17.
06/22/87	BDL	BDL	18.
06/23/87	BDL	BDL	20.
06/24/87	BDL	BDL	19.
06/25/87	BDL	BDL	17.
06/26/87	BDL	BDL	19.
06/27/87	BDL	BDL	26.
06/28/87	BDL	BDL	23.
06/29/87	BDL	BDL	23.
06/30/87	BDL	BDL	20.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1624A-2)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

JULY, 1987

South Cheshire Wellfield - Effluent
Wells #1 and #2

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
07/01/87	BDL	BDL	2.
07/02/87	BDL	BDL	2.
07/03/87	- - - No Sample - Holiday - - -		
07/04/87	BDL	BDL	3.
07/05/87	BDL	BDL	2.
07/06/87	BDL	BDL	2.
07/07/87	BDL	BDL	2.
07/08/87	BDL	BDL	2.
07/09/87	BDL	BDL	3.
07/10/87	BDL	BDL	3.
07/11/87	BDL	BDL	2.
07/12/87	BDL	BDL	3.
07/13/87	BDL	BDL	3.
07/14/87	BDL	BDL	3.
07/15/87	BDL	BDL	2.
07/16/87	BDL	BDL	3.
07/17/87	BDL	BDL	4.
07/18/87	BDL	BDL	4.
07/19/87	BDL	BDL	4.
07/20/87	BDL	BDL	2.
07/21/87	BDL	BDL	2.
07/22/87	BDL	BDL	3.
07/23/87	BDL	BDL	2.
07/24/87	BDL	BDL	2.
07/25/87	BDL	BDL	3.
07/26/87	BDL	BDL	3.
07/27/87	BDL	BDL	3.
07/28/87	BDL	BDL	1.
07/29/87	BDL	BDL	2.
07/30/87	BDL	BDL	2.
07/31/87	BDL	BDL	3.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0375F-1)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

JULY, 1987

South Cheshire Wellfield - Well #2 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
07/01/87	BDL	BDL	37.
07/02/87	BDL	BDL	18.
07/03/87	- - - No Sample - Holiday - - -		
07/04/87	BDL	BDL	21.
07/05/87	BDL	BDL	20.
07/06/87	BDL	BDL	19.
07/07/87	BDL	BDL	21.
07/08/87	BDL	BDL	19.
07/09/87	BDL	BDL	22.
07/10/87	BDL	BDL	18.
07/11/87	BDL	BDL	19.
07/12/87	BDL	BDL	21.
07/13/87	BDL	BDL	21.
07/14/87	BDL	BDL	22.
07/15/87	BDL	BDL	30.
07/16/87	BDL	BDL	27.
07/17/87	BDL	BDL	24.
07/18/87	BDL	BDL	17.
07/19/87	BDL	BDL	23.
07/20/87	BDL	BDL	17.
07/21/87	BDL	BDL	19.
07/22/87	BDL	BDL	19.
07/23/87	BDL	BDL	21.
07/24/87	BDL	BDL	23.
07/25/87	BDL	BDL	20.
07/26/87	BDL	BDL	17.
07/27/87	BDL	BDL	22.
07/28/87	BDL	BDL	18.
07/29/87	BDL	BDL	16.
07/30/87	BDL	BDL	19.
07/31/87	BDL	BDL	20.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0375F-3)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

JULY, 1987

South Cheshire Wellfield - Well #1 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
07/01/87	BDL	BDL	15.
07/02/87	BDL	BDL	18.
07/03/87	- - - No Sample - Holiday - - -		
07/04/87	BDL	BDL	23.
07/05/87	BDL	BDL	17.
07/06/87	BDL	BDL	18.
07/07/87	BDL	BDL	19.
07/08/87	BDL	BDL	19.
07/09/87	BDL	BDL	19.
07/10/87	BDL	BDL	20.
07/11/87	BDL	BDL	21.
07/12/87	BDL	BDL	20.
07/13/87	BDL	BDL	22.
07/14/87	BDL	BDL	24.
07/15/87	- - - - Not Running - - - -		
07/16/87	BDL	BDL	27.
07/17/87	BDL	BDL	24.
07/18/87	BDL	BDL	29.
07/19/87	BDL	BDL	27.
07/20/87	BDL	BDL	18.
07/21/87	BDL	BDL	19.
07/22/87	BDL	BDL	19.
07/23/87	BDL	BDL	21.
07/24/87	BDL	BDL	23.
07/25/87	BDL	BDL	21.
07/26/87	BDL	BDL	21.
07/27/87	BDL	BDL	23.
07/28/87	- - - - Not Running - - - -		
07/29/87	BDL	BDL	15.
07/30/87	BDL	BDL	17.
07/31/87	BDL	BDL	19.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0375F-2)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

AUGUST, 1987

South Cheshire Wellfield - Effluent
Wells #1 and #2

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
08/01/87	BDL	BDL	2.
08/02/87	BDL	BDL	2.
08/03/87	BDL	BDL	2.
08/04/87	BDL	BDL	3.
08/05/87	BDL	BDL	1.
08/06/87	BDL	BDL	3.
08/07/87	BDL	BDL	1.
08/08/87	BDL	BDL	3.
08/09/87	BDL	BDL	2.
08/10/87	BDL	BDL	2.
08/11/87	BDL	BDL	BDL
08/12/87	BDL	BDL	2.
08/13/87	BDL	BDL	2.
08/14/87	BDL	BDL	2.
08/15/87	BDL	BDL	2.
08/16/87	BDL	BDL	2.
08/17/87	BDL	BDL	2.
08/18/87	BDL	BDL	2.
08/19/87	BDL	BDL	2.
08/20/87	BDL	BDL	2.
08/21/87	BDL	BDL	1.
08/22/87	BDL	BDL	2.
08/23/87	BDL	BDL	2.
08/24/87	BDL	BDL	2.
08/25/87	BDL	BDL	2.
08/26/87	BDL	BDL	2.
08/27/87	BDL	BDL	2.
08/28/87	BDL	BDL	2.
08/29/87	BDL	BDL	BDL
08/30/87	BDL	BDL	2.
08/31/87	BDL	BDL	2.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0407F-1)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

AUGUST, 1987

South Cheshire Wellfield - Well #2 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
08/01/87	BDL	BDL	15.
08/02/87	BDL	BDL	17.
08/03/87	BDL	BDL	17.
08/04/87	BDL	BDL	19.
08/05/87	BDL	BDL	24.
08/06/87	BDL	BDL	20.
08/07/87	BDL	BDL	19.
08/08/87	BDL	BDL	19.
08/09/87	BDL	BDL	17.
08/10/87	BDL	BDL	20.
08/11/87	BDL	BDL	17.
08/12/87	- - - - Not Running - - - -		
08/13/87	BDL	BDL	21.
08/14/87	BDL	BDL	19.
08/15/87	BDL	BDL	19.
08/16/87	BDL	BDL	18.
08/17/87	BDL	BDL	21.
08/18/87	BDL	BDL	21.
08/19/87	BDL	BDL	26.
08/20/87	BDL	BDL	25.
08/21/87	BDL	BDL	21.
08/22/87	BDL	BDL	27.
08/23/87	BDL	BDL	27.
08/24/87	BDL	BDL	19.
08/25/87	BDL	BDL	17.
08/26/87	1.	BDL	24.
08/27/87	BDL	BDL	24.
08/28/87	BDL	BDL	26.
08/29/87	BDL	BDL	28.
08/30/87	BDL	BDL	27.
08/31/87	BDL	BDL	28.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0407F-3)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

AUGUST, 1987

South Cheshire Wellfield - Well #1 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
08/01/87	BDL	BDL	16.
08/02/87	BDL	BDL	17.
08/03/87	- - - - Not Running - - - -		
08/04/87	- - - - Not Running - - - -		
08/05/87	- - - - Not Running - - - -		
08/06/87	BDL	BDL	20.
08/07/87	- - - - Not Running - - - -		
08/08/87	BDL	BDL	20.
08/09/87	BDL	BDL	17.
08/10/87	BDL	BDL	20.
08/11/87	- - - - Not Running - - - -		
08/12/87	BDL	BDL	18.
08/13/87	BDL	BDL	19.
08/14/87	BDL	BDL	22.
08/15/87	BDL	BDL	20.
08/16/87	BDL	BDL	21.
08/17/87	BDL	BDL	24.
08/18/87	BDL	BDL	22.
08/19/87	BDL	BDL	28.
08/20/87	- - - - Not Running - - - -		
08/21/87	- - - - Not Running - - - -		
08/22/87	BDL	BDL	25.
08/23/87	BDL	BDL	25.
08/24/87	BDL	BDL	26.
08/25/87	BDL	BDL	25.
08/26/87	BDL	BDL	22.
08/27/87	BDL	BDL	26.
08/28/87	BDL	BDL	24.
08/29/87	BDL	BDL	29.
08/30/87	BDL	BDL	26.
08/31/87	BDL	BDL	24.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0407F-2)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

SEPTEMBER, 1987

South Cheshire Wellfield - Effluent
Wells #1 and #2

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
09/01/87	BDL	BDL	2.
09/02/87	BDL	BDL	3.
09/03/87	BDL	BDL	2.
09/04/87	BDL	BDL	2.
09/05/87	BDL	BDL	2.
09/06/87	BDL	BDL	3.
09/07/87	- - - No Samples - Holiday - - -		
09/08/87	BDL	BDL	3.
09/09/87	BDL	BDL	3.
09/10/87	BDL	BDL	3.
09/11/87	BDL	BDL	2.
09/12/87	BDL	BDL	2.
09/13/87	BDL	BDL	2.
09/14/87	BDL	BDL	3.
09/15/87	BDL	BDL	2.
09/16/87	BDL	BDL	2.
09/17/87	BDL	BDL	2.
09/18/87	BDL	BDL	2.
09/19/87	BDL	BDL	2.
09/20/87	BDL	BDL	2.
09/21/87	BDL	BDL	2.
09/22/87	BDL	BDL	2.
09/23/87	BDL	BDL	2.
09/24/87	- - - - Not Running - - - -		
09/25/87	- - - - Not Running - - - -		
09/26/87	BDL	BDL	2.
09/27/87	BDL	BDL	2.
09/28/87	- - - Data Invalidated - - -		
09/29/87	- - - Data Invalidated - - -		
09/30/87	BDL	BDL	2.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1778A-1)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

SEPTEMBER, 1987

South Cheshire Wellfield - Well #2 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
09/01/87	BDL	BDL	28.
09/02/87	BDL	BDL	30.
09/03/87	BDL	BDL	30.
09/04/87	- - - Data Invalidated - - -		
09/05/87	BDL	BDL	30.
09/06/87	BDL	BDL	31.
09/07/87	- - - No Samples - Holiday - - -		
09/08/87	BDL	BDL	28.
09/09/87	BDL	BDL	24.
09/10/87	BDL	BDL	26.
09/11/87	BDL	BDL	23.
09/12/87	BDL	BDL	24.
09/13/87	BDL	BDL	21.
09/14/87	BDL	BDL	23.
09/15/87	BDL	BDL	23.
09/16/87	BDL	BDL	23.
09/17/87	BDL	BDL	26.
09/18/87	BDL	BDL	23.
09/19/87	BDL	BDL	27.
09/20/87	BDL	BDL	22.
09/21/87	BDL	BDL	23.
09/22/87	BDL	BDL	27.
09/23/87	BDL	BDL	26.
09/24/87	- - - - Not Running - - - -		
09/25/87	- - - - Not Running - - - -		
09/26/87	1.	BDL	27.
09/27/87	BDL	BDL	23.
09/28/87	BDL	BDL	34.
09/29/87	BDL	BDL	25.
09/30/87	BDL	BDL	27.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1778A-3)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

SEPTEMBER, 1987

South Cheshire Wellfield - Well #1 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
09/01/87	BDL	BDL	18.
09/02/87	BDL	BDL	30.
09/03/87	BDL	BDL	29.
09/04/87	BDL	BDL	25.
09/05/87	BDL	BDL	27.
09/06/87	BDL	BDL	29.
09/07/87	- - - No Samples - Holiday - - -		
09/08/87	BDL	BDL	22.
09/09/87	BDL	BDL	23.
09/10/87	BDL	BDL	26.
09/11/87	BDL	BDL	15.
09/12/87	BDL	BDL	24.
09/13/87	BDL	BDL	20.
09/14/87	BDL	BDL	21.
09/15/87	BDL	BDL	23.
09/16/87	BDL	BDL	21.
09/17/87	BDL	BDL	24.
09/18/87	BDL	BDL	22.
09/19/87	BDL	BDL	26.
09/20/87	BDL	BDL	17.
09/21/87	BDL	BDL	21.
09/22/87	BDL	BDL	25.
09/23/87	BDL	BDL	24.
09/24/87	- - - - Not Running - - - -		
09/25/87	- - - - Not Running - - - -		
09/26/87	BDL	BDL	24.
09/27/87	BDL	BDL	21.
09/28/87	BDL	BDL	32.
09/29/87	BDL	BDL	24.
09/30/87	BDL	BDL	27.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(1778A-2)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

OCTOBER, 1987

South Cheshire Wellfield - Effluent
Wells #1 and #2

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
10/01/87	BDL	BDL	2.
10/02/87	BDL	BDL	2.
10/03/87	BDL	BDL	2.
10/04/87	BDL	BDL	2.
10/05/87	BDL	BDL	3.
10/06/87	BDL	BDL	3.
10/07/87	BDL	BDL	3.
10/08/87	BDL	BDL	2.
10/09/87	BDL	BDL	2.
10/10/87	BDL	BDL	3.
10/11/87	BDL	BDL	2.
10/12/87	- - - No Samples - Holiday - - -		
10/13/87	BDL	BDL	2.
10/14/87	BDL	BDL	2.
10/15/87	BDL	BDL	2.
10/16/87	- - - - Not Running - - - -		
10/17/87	BDL	BDL	2.
10/18/87	BDL	BDL	2.
10/19/87	BDL	BDL	2.
10/20/87	BDL	BDL	2.
10/21/87	BDL	BDL	2.
10/22/87	BDL	BDL	2.
10/23/87	BDL	BDL	2.
10/24/87	BDL	BDL	2.
10/25/87	BDL	BDL	3.
10/26/87	BDL	BDL	1.
10/27/87	BDL	BDL	2.
10/28/87	BDL	BDL	2.
10/29/87	BDL	BDL	2.
10/30/87	BDL	BDL	2.
10/31/87	BDL	BDL	2.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0436F-1)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

OCTOBER, 1987

South Cheshire Wellfield - Well #2 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
10/01/87	BDL	BDL	24.
10/02/87	BDL	BDL	23.
10/03/87	BDL	BDL	27.
10/04/87	BDL	BDL	21.
10/05/87	BDL	BDL	27.
10/06/87	BDL	BDL	36.
10/07/87	BDL	BDL	27.
10/08/87	BDL	BDL	30.
10/09/87	BDL	BDL	27.
10/10/87	BDL	BDL	32.
10/11/87	BDL	BDL	31.
10/12/87	- - - No Samples - Holiday - - -		
10/13/87	1.	BDL	29.
10/14/87	BDL	BDL	28.
10/15/87	BDL	BDL	25.
10/16/87	- - - - Not Running - - - -		
10/17/87	BDL	BDL	24.
10/18/87	BDL	BDL	21.
10/19/87	BDL	BDL	22.
10/20/87	BDL	BDL	27.
10/21/87	BDL	BDL	22.
10/22/87	BDL	BDL	26.
10/23/87	- - - - Not Running - - - -		
10/24/87	- - - - Not Running - - - -		
10/25/87	BDL	BDL	26.
10/26/87	BDL	BDL	19.
10/27/87	BDL	BDL	17.
10/28/87	BDL	BDL	24.
10/29/87	BDL	BDL	25.
10/30/87	BDL	BDL	17.
10/31/87	BDL	BDL	17.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0436F-3)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

Organic Monitoring Results

OCTOBER, 1987

South Cheshire Wellfield - Well #1 Raw

Collection DATE	1,1,1[a] TCE	1,2[b] DCP	[c] TCE
10/01/87	BDL	BDL	21.
10/02/87	BDL	BDL	21.
10/03/87	BDL	BDL	26.
10/04/87	BDL	BDL	21.
10/05/87	BDL	BDL	24.
10/06/87	BDL	BDL	33.
10/07/87	BDL	BDL	29.
10/08/87	BDL	BDL	24.
10/09/87	BDL	BDL	26.
10/10/87	BDL	BDL	30.
10/11/87	BDL	BDL	26.
10/12/87	- - - No Samples - Holiday - - -		
10/13/87	BDL	BDL	26.
10/14/87	BDL	BDL	24.
10/15/87	BDL	BDL	22.
10/16/87	- - - - Not Running - - - -		
10/17/87	BDL	BDL	24.
10/18/87	BDL	BDL	19.
10/19/87	BDL	BDL	18.
10/20/87	BDL	BDL	24.
10/21/87	BDL	BDL	21.
10/22/87	BDL	BDL	16.
10/23/87	BDL	BDL	20.
10/24/87	BDL	BDL	24.
10/25/87	BDL	BDL	24.
10/26/87	BDL	BDL	18.
10/27/87	BDL	BDL	17.
10/28/87	BDL	BDL	22.
10/29/87	BDL	BDL	19.
10/30/87	BDL	BDL	15.
10/31/87	BDL	BDL	15.

(a) 1,1,1-TCE = 1,1,1-Trichloroethane
(b) 1,2-DCP = 1,2-Dichloropropane
(c) TCE = Trichloroethylene
BDL = Below detection limit
Detection Limit = 1. ppb (micrograms per liter)

(0436F-2)

South Central Connecticut Regional Water Authority

North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8711001200	11/01/87	14	<1	<1	<1
25101	8711014000	11/02/87	15	<1	<1	<1
25101	8711024900	11/03/87	23	<1	<1	<1
25101	8711007600	11/04/87	17	<1	<1	<1
25101	8711030900	11/05/87	19	<1	<1	<1
25101	8711042100	11/06/87	19	<1	<1	<1
25101	8711045600	11/07/87	21	<1	<1	<1
25101	8711048600	11/08/87	19	<1	<1	<1
25101	8711053500	11/09/87	20	<1	<1	<1
25101	8711062500	11/10/87	18	<1	<1	<1
25101	8711096600	11/12/87	23	<1	<1	<1
25101	8711075200	11/13/87	17	<1	<1	<1
25101	8711080800	11/14/87	17	<1	<1	<1
25101	8711085700	11/15/87	19	<1	<1	<1
25101	8711090800	11/16/87	16	<1	<1	<1
25101	8711100400	11/17/87	20	<1	<1	<1
25101	8711109100	11/18/87	16	<1	<1	<1
25101	8711119600	11/19/87	16	<1	<1	<1
25101	8711126200	11/20/87	18	<1	<1	1
25101	8711132900	11/21/87	19	<1	<1	<1
25101	8711134000	11/22/87	19	<1	<1	<1
25101	8711140100	11/23/87	17	<1	<1	<1
25101	8711151400	11/24/87	20	<1	<1	<1
25101	8711159500	11/25/87	19	<1	<1	<1
25101	8711168500	11/27/87	18	<1	<1	<1
25101	8711171200	11/28/87	19	<1	<1	<1
25101	8711174500	11/29/87	15	<1	<1	<1
25101	8711181300	11/30/87	13	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8711001400	11/01/87	17	<1	<1	<1
25102	8711014200	11/02/87	18	<1	<1	<1
25102	8711025000	11/03/87	25	<1	<1	<1
25102	8711007700	11/04/87	19	<1	<1	<1
25102	8711031000	11/05/87	18	<1	<1	<1
25102	8711042300	11/06/87	21	<1	<1	<1
25102	8711045700	11/07/87	23	<1	<1	<1
25102	8711048700	11/08/87	19	<1	<1	<1
25102	8711053600	11/09/87	21	<1	<1	<1
25102	8711062600	11/10/87	21	<1	<1	<1
25102	8711096700	11/12/87	16	<1	<1	<1
25102	8711075300	11/13/87	20	<1	<1	<1

South Central Connecticut Regional Water Authority

North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8712002100	12/01/87	11	<1	<1	<1
25101	8712009000	12/02/87	12	<1	<1	<1
25101	8712015600	12/03/87	10	<1	<1	<1
25101	8712021200	12/04/87	12	<1	<1	<1
25101	8712027700	12/05/87	14	<1	<1	<1
25101	8712029600	12/06/87	11	<1	<1	<1
25101	8712035500	12/07/87	14	<1	<1	<1
25101	8712041700	12/08/87	13	<1	<1	<1
25101	8712048900	12/09/87	14	<1	<1	<1
25101	8712057400	12/10/87	13	<1	<1	<1
25101	8712065500	12/11/87	10	<1	<1	<1
25101	8712071100	12/12/87	10	<1	<1	<1
25101	8712072800	12/13/87	12	<1	<1	<1
25101	8712079400	12/14/87	18	<1	<1	<1
25101	8712085100	12/15/87	18	<1	<1	<1
25101	8712093000	12/16/87	17	<1	<1	<1
25101	8712098300	12/17/87	21	<1	<1	<1
25101	8712108800	12/18/87	18	<1	<1	<1
25101	8712111300	12/19/87	17	<1	<1	<1
25101	8712114600	12/20/87	16	<1	<1	<1
25101	8712120600	12/21/87	19	<1	<1	<1
25101	8712126700	12/22/87	16	<1	<1	<1
25101	8712133400	12/23/87	20	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8712002200	12/01/87	15	<1	<1	<1
25102	8712009100	12/02/87	13	<1	<1	<1
25102	8712015700	12/03/87	13	<1	<1	<1
25102	8712027800	12/05/87	17	<1	<1	<1
25102	8712029700	12/06/87	14	<1	<1	<1
25102	8712035600	12/07/87	16	<1	<1	<1
25102	8712041800	12/08/87	15	<1	<1	<1
25102	8712049000	12/09/87	18	<1	<1	<1
25102	8712057500	12/10/87	17	<1	<1	<1
25102	8712065600	12/11/87	14	<1	<1	<1
25102	8712071200	12/12/87	14	<1	<1	<1
25102	8712072900	12/13/87	15	<1	<1	<1
25102	8712079500	12/14/87	25	<1	<1	<1
25102	8712085300	12/15/87	24	<1	<1	<1
25102	8712093200	12/16/87	24	<1	<1	<1
25102	8712098400	12/17/87	23	<1	<1	<1
25102	8712108900	12/18/87	23	<1	<1	<1

South Central Connecticut Regional Water Authority

North and South Cheshire Volatile Organics
Monthly Results

** System: 25 - SOUTH CHESHIRE SYSTEM

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
* Location:	(# 25101)	SO. CHES. PRODUCTION WELL #1 RAW				
25101	8801040200	01/11/88	27	<1	<1	<1
25101	8801052000	01/12/88	21	<1	<1	<1
25101	8801057200	01/13/88	14	<1	<1	<1
25101	8801075600	01/16/88	19	<1	<1	<1
25101	8801097600	01/20/88	19	2	<1	<1
25101	8801114400	01/23/88	13	<1	<1	<1
25101	8801131400	01/26/88	15	<1	<1	<1
25101	8801146900	01/28/88	17	<1	<1	<1
* Location:	(# 25102)	SO. CHES. PRODUCTION WELL #2 RAW				
25102	8801002100	01/02/88	22	<1	<1	<1
25102	8801003800	01/03/88	20	<1	<1	<1
25102	8801009600	01/04/88	19	<1	<1	<1
25102	8801014300	01/05/88	21	<1	<1	<1
25102	8801021300	01/06/88	20	<1	<1	<1
25102	8801026900	01/07/88	19	<1	<1	<1
25102	8801035900	01/09/88	16	<1	<1	<1
25102	8801038700	01/10/88	15	<1	<1	<1
25102	8801040300	01/11/88	18	<1	<1	<1
25102	8801050800	01/12/88	14	<1	<1	<1
25102	8801057300	01/13/88	9	<1	<1	<1
25102	8801064500	01/14/88	9	<1	<1	<1
25102	8801071200	01/15/88	13	<1	<1	<1
25102	8801075700	01/16/88	18	<1	<1	<1
25102	8801079100	01/17/88	12	<1	<1	<1
25102	8801083500	01/18/88	13	<1	<1	<1
25102	8801088800	01/19/88	9	<1	<1	<1
25102	8801097700	01/20/88	11	2	<1	<1
25102	8801104000	01/21/88	14	<1	<1	<1
25102	8801108500	01/22/88	7	<1	<1	<1
25102	8801114500	01/23/88	11	<1	<1	<1
25102	8801117700	01/24/88	12	<1	<1	<1
25102	8801131500	01/26/88	10	<1	<1	<1
25102	8801137700	01/27/88	12	<1	<1	<1
25102	8801147000	01/28/88	9	<1	<1	<1
25102	8801153100	01/29/88	10	<1	<1	<1
25102	8801157400	01/30/88	11	<1	<1	<1
25102	8801160800	01/31/88	10	<1	<1	<1
* Location:	(# 25200)	SO. CHESHIRE TREATED EFFLUENT				
25200	8801002000	01/02/88	2	<1	<1	<1
25200	8801003700	01/03/88	1	<1	<1	<1

South Central Connecticut Regional Water Authority

North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8802002700	02/01/88	20	<1	<1	<1
25101	8802018600	02/03/88	14	<1	<1	<1
25101	8802025800	02/04/88	17	<1	<1	<1
25101	8802048500	02/08/88	24	<1	<1	<1
25101	8802073200	02/11/88	15	<1	<1	<1
25101	8802080800	02/12/88	18	<1	<1	<1
25101	8802084900	02/13/88	16	<1	<1	<1
25101	8802105000	02/17/88	16	<1	<1	<1
25101	8802111900	02/18/88	14	<1	<1	<1
25101	8802120200	02/19/88	14	<1	<1	<1
25101	8802126500	02/20/88	16	<1	<1	<1
25101	8802144900	02/23/88	15	<1	<1	<1
25101	8802165100	02/25/88	14	<1	<1	<1
25101	8802169700	02/26/88	15	<1	<1	<1
25101	8802181100	02/29/88	16	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8802002800	02/01/88	13	<1	<1	<1
25102	8802018700	02/03/88	6	<1	<1	<1
25102	8802025900	02/04/88	13	<1	<1	<1
25102	8802032800	02/05/88	16	<1	<1	<1
25102	8802038200	02/06/88	11	<1	<1	<1
25102	8802044300	02/07/88	11	<1	<1	<1
25102	8802048600	02/08/88	17	<1	<1	<1
25102	8802073300	02/11/88	11	<1	<1	<1
25102	8802080900	02/12/88	13	<1	<1	<1
25102	8802085000	02/13/88	12	<1	<1	<1
25102	8802092700	02/16/88	10	<1	<1	<1
25102	8802112100	02/18/88	11	<1	<1	<1
25102	8802120300	02/19/88	10	<1	<1	<1
25102	8802126400	02/20/88	12	<1	<1	<1
25102	8802137100	02/22/88	12	<1	<1	<1
25102	8802145000	02/23/88	11	<1	<1	<1
25102	8802150400	02/24/88	12	<1	<1	<1
25102	8802165200	02/25/88	8	<1	<1	<1
25102	8802169800	02/26/88	10	<1	<1	<1
25102	8802181200	02/29/88	11	<1	<1	<1
* Location: (# 25200) SO. CHESHIRE TREATED EFFLUENT						
25200	8802002600	02/01/88	1	<1	<1	<1
25200	8802018500	02/03/88	1	<1	<1	<1
25200	8802025700	02/04/88	2	<1	<1	<1

South Central Connecticut Regional Water Authority

North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8804043100	04/10/88	12	<1	<1	<1
25101	8804043100	04/10/88	12	<1	<1	<1
25101	8804065800	04/12/88	12	<1	<1	<1
25101	8804065800	04/12/88	12	<1	<1	<1
25101	8804068900	04/13/88	12	<1	<1	<1
25101	8804068900	04/13/88	12	<1	<1	<1
25101	8804089400	04/15/88	12	<1	<1	<1
25101	8804089400	04/15/88	12	<1	<1	<1
25101	8804206600	04/30/88	20	<1	<1	<1
25101	8804206600	04/30/88	20	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8804008000	04/04/88	8	<1	<1	<1
25102	8804008000	04/04/88	8	<1	<1	<1
25102	8804017000	04/05/88	8	<1	<1	<1
25102	8804017000	04/05/88	8	<1	<1	<1
25102	8804043200	04/10/88	5	<1	<1	<1
25102	8804043200	04/10/88	5	<1	<1	<1
25102	8804050000	04/11/88	6	<1	<1	<1
25102	8804050000	04/11/88	6	<1	<1	<1
25102	8804058400	04/12/88	6	<1	<1	<1
25102	8804058400	04/12/88	6	<1	<1	<1
25102	8804069000	04/13/88	7	<1	<1	<1
25102	8804069000	04/13/88	7	<1	<1	<1
25102	8804082100	04/14/88	8	<1	<1	<1
25102	8804082100	04/14/88	8	<1	<1	<1
25102	8804089600	04/15/88	7	<1	<1	<1
25102	8804089600	04/15/88	7	<1	<1	<1
25102	8804093700	04/16/88	5	<1	<1	<1
25102	8804093700	04/16/88	5	<1	<1	<1
25102	8804098400	04/17/88	8	<1	<1	<1
25102	8804098400	04/17/88	8	<1	<1	<1
25102	8804103000	04/18/88	6	<1	<1	<1
25102	8804103000	04/18/88	6	<1	<1	<1
25102	8804113300	04/19/88	9	<1	<1	<1
25102	8804113300	04/19/88	9	<1	<1	<1
25102	8804124600	04/20/88	7	<1	<1	<1
25102	8804124600	04/20/88	7	<1	<1	<1
25102	8804136600	04/21/88	8	<1	<1	<1
25102	8804136600	04/21/88	8	<1	<1	<1
25102	8804144100	04/22/88	10	<1	<1	<1
25102	8804144100	04/22/88	10	<1	<1	<1

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North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8805003800	05/02/88	16	<1	<1	<1
25101	8805013700	05/03/88	16	<1	<1	<1
25101	8805098900	05/14/88	11	<1	<1	<1
25101	8805148000	05/23/88	12	<1	<1	<1
25101	8805153200	05/24/88	12	<1	<1	<1
25101	8805187900	05/31/88	11	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8805000600	05/01/88	7	<1	<1	<1
25102	8805003900	05/02/88	9	<1	<1	<1
25102	8805013800	05/03/88	8	<1	<1	<1
25102	8805020900	05/04/88	6	<1	<1	<1
25102	8805031900	05/05/88	6	<1	<1	<1
25102	8805042200	05/06/88	6	<1	<1	<1
25102	8805046600	05/07/88	6	<1	<1	<1
25102	8805054100	05/09/88	6	<1	<1	<1
25102	8805061600	05/10/88	6	<1	<1	<1
25102	8805068300	05/11/88	6	<1	<1	<1
25102	8805080000	05/12/88	5	<1	<1	<1
25102	8805090500	05/13/88	7	<1	<1	<1
25102	8805099000	05/14/88	8	<1	<1	<1
25102	8805102500	05/15/88	20	<1	<1	<1 ✓ok
25102	8805107400	05/16/88	7	<1	<1	<1
25102	8805113200	05/17/88	6	<1	<1	<1
25102	8805121300	05/18/88	6	<1	<1	<1
25102	8805127700	05/19/88	8	<1	<1	<1
25102	8805137700	05/20/88	6	<1	<1	<1
25102	8805148100	05/23/88	6	<1	<1	<1
25102	8805153300	05/24/88	8	<1	<1	<1
25102	8805182500	05/28/88	8	<1	<1	<1
25102	8805188000	05/31/88	8	<1	<1	<1
* Location: (# 25200) SO. CHESHIRE TREATED EFFLUENT						
25200	8805000500	05/01/88	<1	<1	<1	<1
25200	8805003700	05/02/88	<1	<1	<1	<1
25200	8805013600	05/03/88	<1	<1	<1	<1
25200	8805020800	05/04/88	<1	<1	<1	<1
25200	8805031800	05/05/88	<1	<1	<1	<1
25200	8805042100	05/06/88	<1	<1	<1	<1
25200	8805046500	05/07/88	<1	<1	<1	<1
25200	8805054000	05/09/88	<1	<1	<1	<1
25200	8805061500	05/10/88	<1	<1	<1	<1

South Central Connecticut Regional Water Authority

North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8806001100	06/01/88	11	<1	<1	<1
25101	8806035300	06/06/88	11	<1	<1	<1
25101	8806044400	06/07/88	11	<1	<1	<1
25101	8806052400	06/08/88	11	<1	<1	<1
25101	8806077300	06/12/88	10	<1	<1	<1
25101	8806080700	06/13/88	10	<1	<1	<1
25101	8806091200	06/14/88	9	<1	<1	<1
25101	8806097600	06/15/88	8	<1	<1	<1
25101	8806110500	06/16/88	9	<1	<1	<1
25101	8806123300	06/18/88	10	<1	<1	<1
25101	8806127400	06/19/88	10	<1	<1	<1
25101	8806131500	06/20/88	10	<1	<1	<1
25101	8806140400	06/21/88	11	<1	<1	<1
25101	8806152500	06/22/88	10	<1	<1	<1
25101	8806163000	06/23/88	12	<1	<1	<1
25101	8806171100	06/24/88	11	<1	<1	<1
25101	8806177200	06/25/88	11	<1	<1	<1
25101	8806180100	06/26/88	10	<1	<1	<1
25101	8806185600	06/27/88	11	<1	<1	<1
25101	8806191600	06/28/88	11	<1	<1	<1
25101	8806199700	06/29/88	9	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8806001200	06/01/88	9	<1	<1	<1
25102	8806012900	06/02/88	8	<1	<1	<1
25102	8806021000	06/03/88	9	<1	<1	<1
25102	8806027000	06/04/88	8	<1	<1	<1
25102	8806029400	06/05/88	8	<1	<1	<1
25102	8806035400	06/06/88	9	<1	<1	<1
25102	8806044500	06/07/88	8	<1	<1	<1
25102	8806052500	06/08/88	7	<1	<1	<1
25102	8806062000	06/09/88	9	<1	<1	<1
25102	8806068200	06/10/88	8	<1	<1	<1
25102	8806075300	06/11/88	6	<1	<1	<1
25102	8806077400	06/12/88	5	<1	<1	<1
25102	8806080900	06/13/88	6	<1	<1	<1
25102	8806091300	06/14/88	7	<1	<1	<1
25102	8806097700	06/15/88	7	<1	<1	<1
25102	8806110600	06/16/88	8	<1	<1	<1
25102	8806119300	06/17/88	9	<1	<1	<1
25102	8806123900	06/18/88	9	<1	<1	<1
25102	8806127500	06/19/88	8	<1	<1	<1

South Central Connecticut Regional Water Authority

North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8807000700	07/01/88	11	<1	<1	<1
25101	8807010600	07/03/88	12	<1	<1	<1
25101	8807016200	07/05/88	10	<1	<1	<1
25101	8807023200	07/06/88	11	<1	<1	<1
25101	8807036200	07/07/88	11	<1	<1	<1
25101	8807044500	07/08/88	11	<1	<1	<1
25101	8807047700	07/09/88	10	<1	<1	<1
25101	8807057000	07/11/88	8	<1	<1	<1
25101	8807113800	07/19/88	9	<1	<1	<1
25101	8807163000	07/26/88	17	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8807000600	07/01/88	10	<1	<1	<1
25102	8807007000	07/02/88	11	<1	<1	<1
25102	8807010700	07/03/88	8	<1	<1	<1
25102	8807016300	07/05/88	12	<1	<1	<1
25102	8807023300	07/06/88	14	<1	<1	<1
25102	8807036300	07/07/88	14	<1	<1	<1
25102	8807044600	07/08/88	10	<1	<1	<1
25102	8807047800	07/09/88	12	<1	<1	<1
25102	8807057200	07/11/88	6	<1	<1	<1
25102	8807065100	07/12/88	9	<1	<1	<1
25102	8807113900	07/19/88	7	<1	<1	<1
25102	8807163100	07/26/88	10	<1	<1	<1
25102	8807185500	07/28/88	8	<1	<1	<1
* Location: (# 25200) SO. CHESHIRE TREATED EFFLUENT						
25200	8807000800	07/01/88	<1	<1	<1	<1
25200	8807006900	07/02/88	<1	<1	<1	<1
25200	8807010500	07/03/88	<1	<1	<1	<1
25200	8807016100	07/05/88	<1	<1	<1	<1
25200	8807023100	07/06/88	<1	<1	<1	<1
25200	8807035900	07/07/88	<1	<1	<1	<1
25200	8807044400	07/08/88	<1	<1	<1	<1
25200	8807047600	07/09/88	<1	<1	<1	<1
25200	8807056800	07/11/88	<1	<1	<1	<1
25200	8807065000	07/12/88	<1	<1	<1	<1
25200	8807113700	07/19/88	2	<1	<1	<1
25200	8807162900	07/26/88	2	<1	<1	<1
25200	8807185200	07/28/88	<1	<1	<1	<1

South Central Connecticut Regional Water Authority

North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8808012800	08/02/88	9	<1	<1	<1
25101	8808061900	08/09/88	9	<1	<1	<1
25101	8808110200	08/16/88	13	<1	<1	<1
25101	8808159300	08/23/88	7	<1	<1	<1
25101	8808207800	08/30/88	10	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8808012900	08/02/88	2	<1	<1	<1
25102	8808062000	08/09/88	7	<1	<1	<1
25102	8808110300	08/16/88	8	<1	<1	<1
25102	8808159400	08/23/88	9	<1	<1	<1
25102	8808207900	08/30/88	11	<1	<1	<1
* Location: (# 25200) SO. CHESHIRE TREATED EFFLUENT						
25200	8808012700	08/02/88	1	<1	<1	<1
25200	8808061800	08/09/88	1	<1	<1	<1
25200	8808110100	08/16/88	<1	<1	<1	<1
25200	8808159200	08/23/88	<1	<1	<1	<1
25200	8808207700	08/30/88	<1	<1	<1	<1

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North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8809127400	09/20/88	9	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8809025300	09/06/88	10	<1	<1	<1
25102	8809127500	09/20/88	7	<1	<1	<1
* Location: (# 25200) SO. CHESHIRE TREATED EFFLUENT						
25200	8809025200	09/06/88	<1	<1	<1	<1
25200	8809075600	09/13/88	<1	<1	<1	<1
25200	8809127300	09/20/88	<1	<1	<1	<1

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North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8810057100	10/11/88	8	<1	<1	<1
25101	8810084500	10/14/88	10	<1	<1	<1
25101	8810103200	10/17/88	11	<1	<1	<1
25101	8810125400	10/20/88	11	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8810064700	10/12/88	6	<1	<1	<1
25102	8810073300	10/13/88	4	<1	<1	<1
25102	8810084700	10/14/88	7	<1	<1	<1
25102	8810094000	10/15/88	6	<1	<1	<1
25102	8810095800	10/16/88	6	<1	<1	<1
25102	8810103300	10/17/88	7	<1	<1	<1
25102	8810109200	10/18/88	6	<1	<1	<1
25102	8810118100	10/19/88	6	<1	<1	<1
25102	8810125500	10/20/88	6	<1	<1	<1
25102	8810139500	10/21/88	7	<1	<1	<1
25102	8810144500	10/22/88	6	<1	<1	<1
25102	8810158000	10/25/88	7	<1	<1	<1
* Location: (# 25200) SO. CHESHIRE TREATED EFFLUENT						
25200	8810057000	10/11/88	<1	<1	<1	<1
25200	8810073200	10/13/88	<1	<1	<1	<1
25200	8810084200	10/14/88	<1	<1	<1	<1
25200	8810093800	10/15/88	<1	<1	<1	<1
25200	8810095700	10/16/88	<1	<1	<1	<1
25200	8810103100	10/17/88	<1	<1	<1	<1
25200	8810109100	10/18/88	<1	<1	<1	<1
25200	8810118000	10/19/88	<1	<1	<1	<1
25200	8810125300	10/20/88	<1	<1	<1	<1
25200	8810139300	10/21/88	<1	<1	<1	<1
25200	8810144400	10/22/88	<1	<1	<1	<1
25200	8810157900	10/25/88	<1	<1	<1	<1

South Central Connecticut Regional Water Authority

North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8811081500	11/15/88	10	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8811003100	11/01/88	6	<1	<1	<1
25102	8811081600	11/15/88	7	<1	<1	<1
25102	8811122600	11/22/88	7	<1	<1	<1
25102	8811154700	11/29/88	6	<1	<1	<1
* Location: (# 25200) SO. CHESHIRE TREATED EFFLUENT						
25200	8811002900	11/01/88	<1	<1	<1	<1
25200	8811040900	11/08/88	<1	<1	<1	<1
25200	8811081400	11/15/88	<1	<1	<1	<1
25200	8811122500	11/22/88	<1	<1	<1	<1
25200	8811154400	11/29/88	<1	<1	<1	<1

South Central Connecticut Regional Water Authority

North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8812106500	12/20/88	14	<1	<1	<1
25101	8812129500	12/27/88	9	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8812025700	12/06/88	5	<1	<1	<1
25102	8812069400	12/13/88				
25102	8812106600	12/20/88	5	<1	<1	<1
25102	8812129600	12/27/88	5	<1	<1	<1
* Location: (# 25200) SO. CHESHIRE TREATED EFFLUENT						
25200	8812025600	12/06/88	<1	<1	<1	<1
25200	8812069300	12/13/88	<1	<1	<1	<1
25200	8812106400	12/20/88	<1	<1	<1	<1
25200	8812129400	12/27/88	<1	<1	<1	<1

South Central Connecticut Regional Water Authority

North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25101) SO. CHES. PRODUCTION WELL #1 RAW						
25101	8901117100	01/24/89	10	<1	<1	<1
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8901004000	01/03/89	5	<1	<1	<1
25102	8901038700	01/10/89	9	<1	<1	<1
25102	8901075600	01/17/89	4	<1	<1	<1
25102	8901117200	01/24/89	5	<1	<1	<1
25102	8901154800	01/31/89	6	<1	<1	<1
* Location: (# 25200) SO. CHESHIRE TREATED EFFLUENT						
25200	8901003900	01/03/89	<1	<1	<1	<1
25200	8901038600	01/10/89	<1	<1	<1	<1
25200	8901075500	01/17/89	<1	<1	<1	<1
25200	8901117000	01/24/89	<1	<1	<1	<1
25200	8901154700	01/31/89	<1	<1	<1	<1

South Central Connecticut Regional Water Authorit,

North and South Cheshire Volatile Organics
Monthly Results

Location Code	Sample #	Date Collected	TCE	TCA	DCP	PCE
** System: 25 - SOUTH CHESHIRE SYSTEM						
* Location: (# 25102) SO. CHES. PRODUCTION WELL #2 RAW						
25102	8902034300	02/07/89	4	<1	<1	<1
25102	8902071000	02/14/89	5	<1	<1	<1
25102	8902102100	02/21/89	4	<1	<1	<1
25102	8902143400	02/28/89	4	<1	<1	<1
* Location: (# 25200) SO. CHESHIRE TREATED EFFLUENT						
25200	8902034200	02/07/89	<1	<1	<1	<1
25200	8902070900	02/14/89	<1	<1	<1	<1
25200	8902102000	02/21/89	<1	<1	<1	<1
25200	8902143300	02/28/89	<1	<1	<1	<1

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY
1985 ANNUAL RAW WATER ANALYSES

Laboratory Reference No. 858656

mpling Point: / mple Date:		Mt. Carmel 1 04-17-85	Mt. Carmel 2 04-17-85	S. Ches. 1 04-17-85	S. Ches. 2 04-17-85	N. Ches. 1 04-11-85	N. Ches 4 04-11-85	N. Ches 5 04-11-85	N. Sleep. Giant 1 04-10-85	N. Sleep. Giant 2 04-11-85	N. Sleep. Giant 4 04-10-85	S. Sleep. Giant 04-10-85
RAMETER:	MCL[a]											
lor	250. CU	00	00	00	00	00	00	00	00	00	00	00
lor	2	00	00	00	00	01*	00	02*	00	00	00	00
	<6.4 >8.5	7.3	7.8	7.1	7.3	7.3	7.6	7.6	7.0	7.0	7.2	6.9
rbidity	250 NTU	0.25	0.30	0.30	0.95	0.05	0.05	0.10	0.10	0.10	0.10	0.10
senic	0.05	0.002	<0.001	<0.001	0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	0.001
rium	1.	0.09	0.10	0.30	0.20	0.20	0.23	0.20	0.09	0.07	0.10	0.06
dmium	0.010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
lcium	40.[b]	23.0	36.3	27.3	30.3	29.3	32.8	28.3	23.6	23.1	22.0	19.6
loride	250.	8.6	16.9	20.1	13.4	11.0	11.9	14.5	11.7	13.2	14.5	16.9
romium	0.05	<0.001	<0.001	0.001	0.007	<0.001	0.001	0.002	<0.001	<0.001	<0.001	0.001
pper	1.0	0.06	0.02	0.01	<0.01	0.01	<0.01	<0.01	0.02	0.01	0.02	<0.01
anide	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
on	0.3[b]	0.02	0.02	0.13	0.16	0.01	0.01	0.01	0.01	0.01	0.01	<0.01
ad	0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
gnesium	10.[b]	3.6	3.8	4.7	3.4	3.5	3.4	3.7	5.1	4.8	5.4	3.3
nganese	0.05[b]	0.08	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
itrate-N	10.0	0.753	0.967	3.00	3.02	2.57	4.48	4.65	0.963	0.127	0.993	1.65
itrite-N	1.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
lenium	0.01	<0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001
lver	0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
dium	20.	5.9	9.4	13.1	7.4	6.5	7.5	8.0	8.4	9.0	7.8	9.4
lkalinity	185[b]	90.	120.	100.	95.	94.	120.	85.	81.	81.	88.	63.
nductivity	400[b] µmhos	165.	250.	230.	250.	170.	180.	175.	220.	215.	150.	200.
rdness (Cal.)		72.2	106.3	87.5	89.6	87.6	95.9	85.9	80.0	77.4	77.1	62.5
BAS	.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
O_4 - P	5.0[b]	<0.01	<0.01	0.01	0.02	0.01	0.01	0.01	0.05	0.01	0.01	<0.01
olids (Total)	400[b]	228.	228.	261.	240.	255.	214.	251.	211.	228.	253.	214.

Maximum contaminant level in milligrams per liter (MCL - mg/l) unless otherwise stated
(NTU - Nephelometric turbidity units CU - Color units)
Suggested maximum level in milligrams per liter, unless otherwise stated.
* Musty smell

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY
1986 ANNUAL RAW WATER ANALYSES

mpling Point:		Mt. Carmel 1	Mt. Carmel 2	S. Ches. 1	S. Ches. 2	N. Ches. 1	N. Ches 4	N. Ches 5	N. Sleep. Giant 1	N. Sleep. Giant 2	N. Sleep. Giant 4	S. Sleep. Giant
mple Date:		**	03-04-86	**	02-08-86	03-04-86	03-04-86	03-04-86	07-08-86	03-04-86	03-04-86	03-04-86
RAMETER:	MCL[a]											
lor	250. CU	00		00	00	00	00	00	00	00	00	00
lor	2	0		0	0	0	0	0	0	0	0	0
l	<6.4 >8.5	7.7		6.7	7.2	7.5	7.5	7.9	7.0	7.0	7.0	7.0
rbidity	250 NTU	0.30		0.15	0.25	0.25	0.25	0.15	0.25	0.25	0.30	
rsenic	0.05	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
rium	1.	0.08		0.36	0.31	0.35	0.26	—	0.05	0.02	0.02	
dmium	0.010	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
lcium	40.[b]	39.3		31.4	32.8	37.4	33.8	30.5	27.0	22.9	21.7	
hloride	250.	12.3		28.5	9.2	11.3	12.2	14.2	18.9	10.9	15.8	
hromium	0.05	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
opper	1.0	<0.01		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	
yanide	0.2	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
ron	0.3[b]	0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
ead	0.05	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
agnesium	10.[b]	4.0		7.4	3.7	3.9	4.1	3.2	4.9	5.3	3.5	
anganese	0.05[b]	0.05		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
itrate-N	10.0	0.817		2.66	2.92	3.04	3.14	0.606	1.11	0.872	1.67	
itrite-N	1.0	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
elenium	0.01	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
ilver	0.05	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
odium	20.	9.3		15.7	7.2	8.3	9.7	7.0	9.4	7.9	8.9	
lkalinity	185[b]	122.		83.	88.	95.	80.	95.	77.	78.	62.	
onductivity	400[b] µmhos	336		329	286	316	306	279	266	256	246	
ardness (Cal.)		115.		109.	97.	109.	101.	89.	88.	78.	69.	
BAS	.5	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
PO_4 - P	5.0[b]	0.39		<0.01	0.03	0.29	0.03	<0.01	0.02	0.04	0.03	
otal Dissolve Solids	400[b]	206.		286.	124.	173.	—	173.	167.	146.	131.	
luoride		0.08		0.09	0.10	0.08	0.08	0.04	0.10	0.10	0.10	
ercury*		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	

[a] Maximum contaminant level in milligrams per liter (MCL - mg/l) unless otherwise stated
(NTU - Nephelometric turbidity units CU - Color units)
[b] Suggested maximum level in milligrams per liter, unless otherwise stated.
* Analyses done during July 1986
** Not in service at the time of sample collection.
— No Data.

(3404E-2)

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY
1987 ANNUAL RAW WATER ANALYSES

Sampling Point:		Mt. Carmel 1	Mt. Carmel 2	S. Ches. 1	S. Ches. 2	N. Ches. 1	N. Ches 4	N. Ches 5	N. Sleep. Giant 1	N. Sleep. Giant 2	N. Sleep. Giant 4	S. Sleep. Giant
Sample Date:		**	**	04-07-87	**	**	04-07-87	04-07-87	04-07-87	04-07-87	04-07-87	04-07-87
PARAMETER:	MCL[a]											
Color	250. CU			00			00	00	00	00	00	00
Odor	2			--			--	--	--	--	--	--
pH	<6.4 >8.5			7.0			7.9	7.3	7.9	6.9	6.9	7.0
Turbidity	250 NTU			0.08			0.12	0.10	0.14	0.16	0.14	0.12
Arsenic	0.05			<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium	1.			0.34			0.26	0.20	0.17	0.11	0.10	0.07
Cadmium	0.010			<0.001			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Calcium	40.[b]			36.4			38.8	29.4	35.2	22.7	18.9	20.7
Chloride	250.			23.8			14.4	12.9	12.3	12.6	9.7	12.9
Chromium	0.05			<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	1.0			<0.01			<0.01	<0.01	0.01	0.01	0.02	<0.01
Cyanide	0.2			<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	0.3[b]			0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lead	0.05			<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	10.[b]			6.3			4.0	3.7	3.1	4.1	4.2	3.0
Manganese	0.05[b]			<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate-N	10.0			2.70			5.97	3.30	0.686	1.18	1.16	1.61
Nitrite-N	1.0			<0.002			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Selenium	0.01			<0.001			0.002	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	0.05			<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sodium	20.			14.6			6.3	8.0	7.0	8.2	7.0	8.0
Alkalinity	185[b]			133.			109.	84.	115.	83.	74.	66.
Conductivity	400[b] µmhos			380.			360.	290.	320.	270.	250.	250.
Hardness (Cal.)				117.			114.	89.	101.	74.	65.	64.
MBAS ***	.5			<0.2			<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PO_4 - P	5.0[b]			0.05			--	0.06	0.03	0.05	0.01	0.04
Total Dissolve Solids	400[b]			195			190	155	180	147	125	141
Fluoride ***				0.06			0.05	0.05	0.05	0.06	0.05	0.06
Mercury *				<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

a Maximum contaminant level in milligrams per liter (MCL - mg/l) unless otherwise stated
(NTU - Nephelometric turbidity units CU - Color units)
b Suggested maximum level in milligrams per liter, unless otherwise stated.
* Mercury analyses performed by Baron's Laboratory.
** Not in service at the time of sample collection.
*** Analyses done during July 1987.
-- No data.

(4373L-2)

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NOS CORRESPONDENCE REGION #1 SENTRY

SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY

1988 ANNUAL RAW WATER ANALYSES

DG1004-2

Sampling Point: / Sample Date:		Mt. Carmel 1 04-05-88	Mt. Carmel 2	S. Chee. 1 **	S. Chee. 2 04-05-88	N. Chee. 1 **	N. Chee 4 04-05-88	N. Chee 5 04-05-88	N. Sleep. Giant 1 04-05-88	N. Sleep. Giant 2 04-05-88	N. Sleep. Giant 4 04-05-88	S. Sleep. Giant 04-05-88
PARAMETER:	MCL[a]											
Color	250. CU	0	0		0		0	0	0	0	0	0
Odor	2	00	00		00		00	00	00	00	00	00
pH	>6.4 <8.5	7.1	7.9		7.0		7.6	7.7	8.0	7.1	6.9	7.1
Turbidity	250 NTU	0.14	0.11		0.08		0.9	0.10	0.08	0.09	0.09	0.18
Arsenic	0.05	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium	1.	0.10	0.12		0.33		0.29	0.23	0.17	0.06	--	0.06
Cadmium	0.010	<0.0001	<0.0001		<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Calcium	40.[b]	25.6	44.5		36.0		42.2	32.9	41.7	23.5	22.1	24.2
Chloride	250.	10.2	15.3		20.8		12.9	12.7	14.3	12.9	11.2	13.4
Chromium	0.05	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	1.0	0.11	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	0.03	<0.01
Cyanide *	0.2	<0.2	<0.2		<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Iron	0.3[b]	0.12	0.01		<0.01		<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Lead	0.05	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	10.[b]	3.4	3.5		6.2		3.8	3.6	3.1	3.7	3.9	3.2
Manganese	0.05[b]	0.17	0.08		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate-N	10.0	0.721	0.904		2.700		2.560	4.260	0.857	0.990	2.740	1.708
Nitrite-N	1.0	<0.002	<0.002		<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Selenium	0.01	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	0.05	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sodium	20.	6.4	8.9		12.7		7.1	8.3	8.3	8.6	7.5	8.5
Alkalinity	185[b]	84	84		105		105	72	107	70	59	68
Conductivity	400[b] umhos	230	325		340		300	275	290	220	210	210
Hardness (Cal.)		78	125		115		121	97	117	74	71	73
MBAS	.5	<0.2	<0.2		<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PO4 = P	5.0[b]	1.13	1.50		0.18		0.24	0.18	0.06	0.09	0.21	0.09
Total Dissolve Solids	400[b]	127	179		187		165	151	160	121	116	116
Mercury *		<0.001	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

a Maximum contaminant level in milligrams per liter (MCL - mg/l) unless otherwise stated,
NTU = Nephelometric turbidity units, CU = Color units.

b Suggested maximum level in milligrams per liter, unless otherwise stated.

* Analyses performed by Baron's Laboratory.

** Not in service at the time of sample collection.

-- No data.

ATTACHMENT B

GROUNDWATER AND SOIL ANALYTICAL RESULTS TABLES
NUS/FIT MAY 10 - 11, 1989

Table 2 ..... Aqueous Volatile Organic Analytical Results
Table 3 ..... Soil Volatile Organic Analytical Results
Table 4 ..... Aqueous Inorganic Analytical Results
Table 5 ..... Soil Inorganic Analytical Results

TABLE 2 Page 1 of 1
BOVANO'S
MAY 10-11, 1989
NUS/FIT VOLATILE ORGANIC SCREENING
GROUNDWATER ANALYTICAL RESULTS
(ppb)

Sample Location		GW-01	GW-02	GW-04	GW-04R	GW-05		
Sample Number		22184	22185	22187	22188	22189		
Remarks		BLANK	BACKGROUND		REPLICATE			
Tentatively Identified Compound	Quantitation Limit							
1,1-Dichloroethene	NA							
trans-1,2-Dichloroethene	NA							
cis-1,2-Dichloroethene	NA							
1,1,1-Trichloroethane	NA							
Benzene	5							
Trichloroethene	5		5	BQL	BQL			
Toluene	5							
Tetrachloroethene	5							
Chlorobenzene	5							
Ethylbenzene	5							
m-Xylene	5							
o-Xylene	5							
No. of Unidentified Peaks		1	2	1	1	2		

A blank space indicates the compound was not detected.
ppb Parts per billion
NA Compound not analyzed
IDL Instrument Detection Limit
BQL Compound is detected above the IDL but less than the reliable quantitation limit.
NOTE: The above results are from a NUS/FIT headspace screening technique using a Photovac 10A10 or 10S30 Gas Chromatograph. Reported data are semi-quantitative and indicate the presence of compounds. Concentrations must be interpreted as plus or minus a 40% range.

TABLE 3 Page 1 of 1
BOVANO'S
MAY 10, 1989
CLP VOLATILE ORGANIC ANALYSIS
CASE NO. 11894 , SDG NO. AP822
SOIL ANALYTICAL RESULTS (ug/Kg)

Sample Location	SS-01	SS-02	SS-03	SS-04	SS-05	SS-06	SS-06D		
Sample Number	22177	22178	22179	22180	22181	22182	22183		
Traffic Report Number	AP822	AP823	AP824	AP825	AP826	AP827	AP828		
Remarks	Blank	Background					Replicate		
Sampling Date	05/10/89	05/10/89	05/10/89	05/10/89	05/10/89	05/10/89	05/10/89		
Analysis Date	05/23/89	05/26/89	05/23/89	05/13/89	05/24/89	05/24/89	05/24/89		
VOLATILE ORGANIC COMPOUND									
Chloromethane									
Bromomethane									
Vinyl Chloride									
Chloroethane									
Methylene Chloride									
Acetone	32								
Carbon Disulfide									
1,1-Dichloroethene									
1,1-Dichloroethane									
1,2-Dichloroethene (Total)									
Chloroform									
1,2-Dichloroethane									
2-Butanone									
1,1,1-Trichloroethane									
Carbon Tetrachloride									
Vinyl Acetate									
Bromodichloromethane									
1,2-Dichloropropane									
cis-1,3-Dichloropropene									
Trichloroethene									
Dibromochloromethane									
1,1,2-Trichloroethane									
Benzene									
trans-1,3-Dichloropropene									
Bromoform									
4-Methyl-2-pentanone									
2-Hexanone									
Tetrachloroethene									
1,1,2,2-Tetrachloroethane									
Toluene									
Chlorobenzene									
Ethylbenzene									
Styrene									
Xylene (Total)									
Total VOC Concentration (ug/Kg)	32								

A blank space indicates the volatile organic compound (VOC) was not detected.

Sample Quantitation Limits for the compounds listed above are reported in Attachment C Table 6.

TABLE 4 Page 1 of 1
BOVANO'S
MAY 10-11, 1989
CLP INORGANIC ANALYSIS
CASE NO. 11894, SDG NO. MAL310
GROUNDWATER ANALYTICAL RESULTS
(ug/L)

Sample Location			GW-01	GW-02	GW-04	GW-04R	GW-05			
Sample Number			22184	22185	22187	22188	22189			
Traffic Report Number			MAL316	MAL317	MAL319	MAL320	MAL321			
Remarks			Blank	Background		Replicate				
Inorganic Elements		Detection Limits								
Aluminum	P	23.7	97.5 U	88.4 U	71.3 U	77.1 U	284 U			
Antimony	P	16.9								
Arsenic	F	0.3		3.4	0.3					
Barium	P	1.7	10.9	133	135	147	72.8			
Beryllium	P	0.2								
Cadmium	P	1.7								
Calcium	P	50.4	110	34200	32200	32600	17300			
Chromium	P	2.1	3.4 U	2.5 U	3.1 U	3.9 U	10.2 U			
Cobalt	P	8.4								
Copper	P	4.9		10.1			13.6			
Iron	P	64.9		130			102			
Lead	P	0.3	2.3 U	4.4 U	0.9 U	1.2 U	0.7 U			
Magnesium	P	19.6	24.1	3510	3370	3470	4110			
Manganese	P	0.8		615	1.7	2.4	226			
Mercury	CV	0.2								
Nickel	P	6			6	6				
Potassium	P	509.2		4310	1190	529	785			
Selenium	F	0.4	0.3 UJ	17	0.5 U	0.5 U	0.7 U			
Silver	P	2.1			2.4 U					
Sodium	P	241.3	2800	18200	9960	10600	11000			
Thallium	F	0.3	0.3 UJ							
Vanadium	P	5.9					7.8			
Zinc	P	6.4	6.4	88.6	42.9	59.4	77.2			
Cyanide	C	NA	NA	NA	NA	NA	NA			

Analytical Method
F Furnace
P ICP/Flame AA
CV Cold Vapor
C Colorimetric

NOTE:
A blank space indicates the element was not detected.
UJ Quantitation limit is approximate due to limititations identified in the quality control review
U Revised Sample Quantitation Limit
NA Not Analyzed

TABLE 5 Page 1 of 1
BOVANO'S
MAY 10-11, 1989
CLP INORGANIC ANALYSIS
CASE NO. 11894, SDG NO. MAL310
SOIL ANALYTICAL RESULTS
(mg/Kg)

Sample Location		SS-02	SS-03	SS-04	SS-05	SS-06	SS-06D			
Sample Number		22178	22179	22180	22181	22182	22183			
Traffic Report Number		MAL310	MAL311	MAL312	MAL313	MAL314	MAL315			
Remarks		Background					Duplicate			
Inorganic Elements										
Aluminum	P	21000	9660	8100	11500	11800	13100			
Antimony	P			13.1 J						
Arsenic	F	2	144	143	2	1.5	1.3			
Barium	P	112	98.7	288	51.3	40.1	40.2			
Beryllium	P	0.47	0.13	0.27	0.35	0.34	0.41			
Cadmium	P	0.57	17.7	61		0.46				
Calcium	P	356	1160	3650	822	278	247			
Chromium	P	19.8	18.2	18.8	10.7	12.8	15.9			
Cobalt	P	10.5	25.5	68.8	11.2	11.1	13.1			
Copper	P	6.3 J	295 J	1130 J	19.8 J	43.5 J	7.4 J			
Iron	P	18900	15700	12500	13300	13400	16400			
Lead	F	9.7	2110	6230	13.4	9.4	6.7			
Magnesium	P	2420	2760	2170	2070	2180	2850			
Manganese	P	223 J	358 J	420 J	300 J	214 J	266 J			
Mercury	CV			0.44						
Nickel	P	11.2	57.5	106	7.6	9.5	10.5			
Potassium	P	438	807	1150	547	548	645			
Selenium	F			2.2						
Silver	P									
Sodium	P			893						
Thallium	F	0.11 J	0.06 J		0.07 J		0.12 J			
Vanadium	P	37.2	27.9	26.9	31.7	25.1	31.1			
Zinc	P	43.3	228	886	30.6	30.3	29.7			
Cyanide	C	NA	NA	NA	NA	NA	NA			

Analytical Method
F Furnace
P ICP/Flame AA
CV Cold Vapor
C Colorimetric

NOTE: A blank space indicates the element was not detected.
J Quantitation is approximate due to limititations identified in the quality control review.
NA Not Analyzed

Sample Detection Limits for the elements listed above are reported in Attachment C Table 7.

ATTACHMENT C
SOIL QUANTITATION AND DETECTION LIMIT TABLES

Table 6 ..... Volatile Organic Quantitation Limits
Table 7 ..... Inorganic Element Detection Limits

TABLE 6 Page 1 of 1
BOVANO'S
MAY 10, 1989
CLP VOLATILE ORGANIC ANALYSIS
CASE NO. 11894, SDG NO. AP822
SOIL SAMPLE QUANTITATION LIMITS (ug/Kg)

Sample Location	SS-01	SS-02	SS-03	SS-04	SS-05	SS-06	SS-06D		
Sample Number	22177	22178	22179	22180	22181	22182	22183		
Traffic Report Number	AP822	AP823	AP824	AP825	AP826	AP827	AP828		
Remarks	Blank	Background					Replicate		
Chloromethane	10	13	12	12	12	12	12		
Bromomethane	10	13	12	12	12	12	12		
Vinyl Chloride	10	13	12	12	12	12	12		
Chloroethane	10	13	12	12	12	12	12		
Methylene Chloride	16	45	24	23	22	20	6		
Acetone	32	13	12	12	12	12	12		
Carbon Disulfide	5	6	6	6	6	6	6		
1,1-Dichloroethene	5	6	6	6	6	6	6		
1,1-Dichloroethane	5	6	6	6	6	6	6		
1,2-Dichloroethene (Total)	5	6	6	6	6	6	6		
Chloroform	5	6	6	6	6	6	6		
1,2-Dichloroethane	5	6	6	6	6	6	6		
2-Butanone	10	13	12	12	12	12	12		
1,1,1-Trichloroethane	5	6	6	6	6	6	6		
Carbon Tetrachloride	5	6	6	6	6	6	6		
Vinyl Acetate	10	13	12	12	12	12	12		
Bromodichloromethane	5	6	6	6	6	6	6		
1,2-Dichloropropane	5	6	6	6	6	6	6		
cis-1,3-Dichloropropene	5	6	6	6	6	6	6		
Trichloroethene	5	6	6	6	6	6	6		
Dibromochloromethane	5	6	6	6	6	6	6		
1,1,2-Trichloroethane	5	6	6	6	6	6	6		
Benzene	5	6	6	6	6	6	6		
trans-1,3-Dichloropropene	5	6	6	6	6	6	6		
Bromoform	5	6	6	6	6	6	6		
4-Methyl-2-pentanone	10	13	12	12	12	12	12		
2-Hexanone	10	13	12	12	12	12	12		
Tetrachloroethene	5	6	6	6	6	6	6		
1,1,2,2-Tetrachloroethane	5	6	6	6	6	6	6		
Toluene	5	6	6	6	6	6	6		
Chlorobenzene	5	6	6	6	6	6	6		
Ethylbenzene	5	6	6	6	6	6	6		
Styrene	5	6	6	6	6	6	6		
Xylene (Total)	5	6	6	6	6	6	6		

TABLE 7 Page 1 of 1
BOVANO'S
MAY 10-11, 1989
CLP INORGANIC ANALYSIS
CASE NO. 11894, SDG. NO. MAL310
SOIL SAMPLE DETECTION LIMITS
(mg/Kg)

Sample Location			SS-02	SS-03	SS-04	SS-05	SS-06	SS-06D			
Sample Number			22178	22179	22180	22181	22182	22183			
Traffic Report Number			MAL310	MAL311	MAL312	MAL313	MAL314	MAL315			
Remarks			Backgrnd					Duplicate			
Percent Solids			80.2%	87.7%	85.6%	81.8%	0.82	82.6%			
Inorganic Elements		Instrument Detection Limits (ug/L)									
Aluminum	P	23.7	5.9	5.4	5.5	5.8	5.8	5.7			
Antimony	P	16.9	4.2 UJ	3.9 UJ	3.9 UJ	4.1 UJ	4.1 UJ	4.1 UJ			
Arsenic	F	0.3	0.1	2.0	2.0	0.1	0.1	0.1			
Barium	P	1.7	0.4	0.4	0.4	0.4	0.4	0.4			
Beryllium	P	0.2	0.0	0.0	0.0	0.0	0.0	0.0			
Cadmium	P	1.7	0.4	0.4	0.4	0.4	0.4	0.4			
Calcium	P	50.4	12.6	11.5	11.8	12.3	12.3	12.2			
Chromium	P	2.1	0.5	0.5	0.5	0.5	0.5	0.5			
Cobalt	P	8.4	2.1	1.9	2.0	2.1	2.0	2.0			
Copper	P	4.9	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.2 UJ			
Iron	P	64.9	16.2	14.8	15.2	15.9	15.8	15.7			
Lead	F	0.3	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ			
Magnesium	P	19.6	4.9	4.5	4.6	4.8	4.8	4.7			
Manganese	P	0.8	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ			
Mercury	CV	0.20	0.1	0.1	0.1	0.1	0.1	0.1			
Nickel	P	6.0	1.5	1.4	1.4	1.5	1.5	1.5			
Potassium	P	509.2	127.0	116.1	119.0	124.5	123.9	123.3			
Selenium	F	0.4	0.39 UJ	0.92 UJ	0.1	0.1	0.1	0.16 UJ			
Silver	P	2.1	0.5	0.5	0.5	0.5	0.5	0.5			
Sodium	P	241.3	60.8 UJ	256 UJ	56.4	140 UJ	151 UJ	58.4			
Thallium	F	0.3	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ			
Vanadium	P	5.9	1.5	1.3	1.4	1.4	1.4	1.4			
Zinc	P	6.40	1.6	1.5	1.5	1.6	1.6	1.5			
Cyanide	C	NA	NA	NA	NA	NA	NA	NA			

Analytical Method
F Furnace AA
P ICP/Flame AA
CV Cold Vapor
C Colorimetric

NOTE:
UJ The detection limit is approximated due to limitations identified in the quality control review (data validation).
NA Not Analyzed.

Site Name: Bovano's
CERCLIS No.: CTD001179316
TDD No.: F1-8901-12

NPL ELIGIBILITY CHECKLIST

	YES	NO	COMMENTS
Are the wastes onsite considered hazardous, as defined in CERCLA?	✓		
***Sites covered by other authorities:**			
Are the hazardous materials at the site solely petroleum products (gasoline, oil, natural gas)?		✓	
Is the contamination at the site caused solely by pesticides that were applied using an accepted practice?		✓	
If the release is into public or private drinking water systems, is it due to deterioration of the system through ordinary use?		✓	
Is the release from products which are part of the structure, and result in exposure within residential, business, or community structures?		✓	
Did the release result in exposure to people solely within a work place?		✓	
Does the facility have an Underground Injection Control permit under the Safe Drinking Water Act?		✓	
Is the release the result of the normal application of fertilizer?		✓	
Does the release involve naturally occurring substances in their unaltered form?		✓	
Does the contamination at the site consist solely of radioactive materials generated by Department of Energy/Atomic Energy Commission activities?		✓	
Is the contamination at the site caused solely by coal mining operations?		✓	
Does the facility have a permit from EPA or the U.S. Army Corps of Engineers (under the Marine Protection, Research, and Sanctuaries Act) to dispose of dredged materials in ocean waters?		✓	

Site Name: Bovano's
CERCLIS No.: CTD001179316
TDD No.: F1-8901-12

	YES	NO	COMMENTS
***Other issues of site definition:**			
Is the site defined solely as a contaminated well field?	---	✓	-------
Is the site currently owned or operated by a federal agency, or has it been in the past?	---	✓	-------
Is the site a municipal landfill?	---	✓	-------
-- Check if there is documentation of industrial waste disposed of.	---		
Does the waste consist of a "special waste" such as fly ash?	---	✓	-------
-- Check if there is documentation of a hazardous component to the waste.	---		
Does the facility have an NPDES permit?	✓	---	-------
Check if the facility has a history of permit violations.	---		
Is the facility subject to ambient air quality standards under the Clean Air Act?	---	✓	-------
Does the facility have a permit under the Clean Air Act?	---	✓	-------
***RCRA status**			
Has the facility notified as a RCRA generator?	✓	---	-------
Has the facility ever had RCRA interim status or a RCRA permit?	✓	---	-------
If yes, check any that apply:			
-- The facility is a small quantity generator.	---		
-- The facility is a "non-notifier" or "protective filer" (identified as such by EPA or the state).	---		

Site Name: Bovano's
CERCLIS No.: CTD001174316
TDD No.: F1-8901-12

*RCRA status (continued)

-- The owner of the facility is bankrupt, or the owner has filed for protection under bankruptcy laws (if known). ---

-- A RCRA compliance order or notice of violation has been issued for the facility at some time. ✓

The order or notice concerned:
- conditions that posed a hazard (i.e. a release of contamination to the environment) OR ---

- administrative violations (i.e. recordkeeping or financial requirements). ✓

-- Some RCRA enforcement action is currently pending at the facility. ---

-- A RCRA permit has been denied or interim status has been revoked for the facility. ---

The permit or interim status was revoked:

-because of conditions at the facility that posed a hazard OR ---

-because the facility failed to meet an administrative requirement (i.e., failed to file an acceptable Part B permit application). ---

-- A closure plan has been requested or submitted for the facility under RCRA. ---

-- A closure plan has been approved for the facility under RCRA. ---

-- The facility is closed and currently monitoring under RCRA regulations. ---

CERCLIS DATABASE FORM

DATE: 12/1/89

SITE NAME: Bovano's
CERCLIS No. CTD001179316
TDD No. F1-8901-12 PROJECT MANAGER: Gina Oliverio

DIRECTIONS TO SITE: Rt. 84 to exit 26 (Rt. 70 to Cheshire). Turn right onto Rt. 10 (South Main St). Site is on left hand side of road, just beyond Rt. 42.

ELEMENT	CERCLIS CODE (No. of positions)	DESCRIPTION	ENTRY
I. FOR ALL PROJECTS			
State	C2(2)	Postal code	(CT) 06410
Site ID (If available)	C101(12)	Dun & Bradstreet or GSA	
Site Name	C104(40)		Bovano's
Street Address	C110(25)		830 South Main St.
City	C111(25)		Cheshire
County	*TBD		New Haven
Ownership	C136(2)	FF = Federally owned ST = State owned CO = County owned DI = District owned IL = Indian lands MI = Mixed ownership UN = Unknown *TBD1 = Municipally owned *TBD2 = Privately owned OH = Other	TBD2
Years of operation	*TBD	1954 to currently operating	35 years
FMS Number (if assigned)	C315(4)		
Coordinates	*TBD	Latitude	41° 28' 45" N
		Longitude	72° 54' 25" W

ELEMENT	CERCLIS CODE (No. of positions)	DESCRIPTION	ENTRY
Recommendation of Most Recent Project at Site	C2103(1)	For PAs: H = High = SSI Required M = Med. = SSI Recommended N = NFRAP = No Further Remedial Action Planned For SSIs: R = Recommended for an LSI D = Deferred to another authority N = NFRAP = No Further Remedial Action Planned For LSIs: G = Recommended for an HRS Scoring N = NFRAP = No Further Remedial Action Planned	R
Note	C2105(20)	Abbreviated Comments	
Reasons for Ineligibility (for Sites Determined Ineligible under CERCLA)	*TBD	*TBD1 = Petroleum contamination only *TBD2 = Active RCRA facility *TBD3 = Properly applied pesticide *TBD4 = Nuclear/radioactive waste *TBD5 = All other reasons	
Agency Responsible for Work at Site	C2117(2)	F = EPA, Fund financed S = State, Fund financed SN = State, no Fund financing FF = Federal facility *TBD = Responsible Party	F