

SHAKTI CONSULTANTS INC.
185, Gatzmer Avenue
Jamesburg, NJ 08831
(201) 521-2322

TO Allison Hess USEPA

February 9, 1991

Kamal Gupta: NY State Department of Environmental Protection

Gregory Belcamino, Esq : Stroock & Stroock & Lavan

SHAKTI RETURN FAX # (201) 521-5704

General Switch Site

SITUATION and ACTION TAKEN

On January 30, 1990, the air stripper was transported to the site and will now be connected to the piping from the Parella well and to the sewer. The electrical supply is being connected. The air stripper will be operated to pump and treat the groundwater from the Parella well only under permission given by the USEPA to Laurwal under the consent decree.

We have received permission from the Town of Wallkill to discharge the treated groundwater from the Parella well as an effluent from the air stripper, at less than 5 ppb tetrachloroethylene, the principal volatile organic of concern at the General Switch site.

The NY State DEC has returned the application for a permit to construct and operate the air stripper.

Community Wells

We pumped and sampled the following wells in the vicinity of the General Switch site on December 19, 1990. The wells sampled were Perez, Osbourne, Electra Mfg., Parella, Barry, Ruppert, Gilbert, and General Switch. Well samples were obtained by evacuating a minimum of three well volumes from the well and taking samples in two 40 ml vials with no head space. These samples were transported on ice under chain of custody to Accutest Laboratories. Duplicate samples were obtained for analysis using the Photovac 10S50.

Parella: The well initially yielded 4 gpm, but once the well volume had been evacuated the well yielded only 1/4 gpm. The well has been rested for two years and the well yield has dropped: we need to redevelop and hydrofracture the well. The well sample contained 930 ug/l Tetrachloroethylene, 120 ug/l Trichloroethylene and 96 1,2-Dichloroethylene. We will call the USEPA to discuss the significance of this finding.

Electra Manufacturing: The well is now supplied with electricity and is capable of pumping at approximately 4 gpm. The water is clear and contained 8.3 ug/l of Tetrachloroethylene.

The Ruppert and Barry wells are able to be sampled using a generator for electric supply. The highest concentration in the wells sampled was noted in the Ruppert well at 12,000 ug/l Tetrachloroethylene and 50 ug/l Trichloroethylene. The Barry well contained 1,100 ug/l Tetrachloroethylene and 9.6 Trichloroethylene.

The Perez well was sampled. The well is fitted with an outside faucet that we were told is connected to the well. The water sample is free of tetrachloroethylene and trichloroethylene but contained chloroform at 79 ppb which may indicate that the faucet is attached to city water. We will further investigate the actual plumbing hookup.

The Osbourne well was sampled and is fitted with an outside faucet and switch and contained 20 ppb Tetrachloroethylene.

General Switch: This deep well was sampled and contained 67 ug/l Tetrachloroethylene and 140 ug/l Trichloroethylene.

Date	Owner	Address	Volatile Organics (Method 624)	Concentration
12/19/90	Barry	309 Highland Avenue	Tetrachloroethylene	1,100 ug/l
			Trichloroethylene	9.6 ug/l
12/19/90	Ruppert	307 Highland Avenue	Tetrachloroethylene	12,000 ug/l
			Trichloroethylene	50 ug/l
08/04/89	Stout	316 Highland Avenue	Tetrachloroethylene	1300 ug/l
			Trichloroethylene	190 ug/l
12/19/90	Parella	320 Highland Avenue	Tetrachloroethylene	930 ug/l
			Trichloroethylene	120 ug/l
12/19/90	Electra	Highland Avenue	Tetrachloroethylene	8.3 ug/l
08/04/89	Wood	319 Highland Avenue	ND	
09/04/90			ND	
08/04/89	Seeley	321 Highland Avenue	Toluene	3.5 ug/l
08/04/89	Gilbert	323 Highland Avenue	Toluene	3.1 ug/l
12/19/90			ND	
12/19/90	Osbourne	329 Highland Avenue	Tetrachloroethylene	20 ug/l
08/04/89	Ernest	353 Highland Avenue	ND	
01/10/90	Fisher	361 Highland Avenue	ND	
09/04/90	Lent	363 Highland Avenue	ND	
12/19/90	General Switch		Tetrachloroethylene	67 ug/l
			Trichloroethylene	140 ug/l
08/04/89	Guild Molders Industrial Pl		1,1-Dichloroethane	44 ug/l
			1,1,1 Trichloroethane	12 ug/l

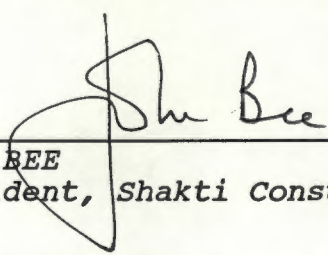
FUTURE PLANS AND RECOMMENDATIONS

Complete the renovation of Liska, Courteau, ConTel and Lobb wells needed to serve as observation wells, renovate those wells needed for the community wells sampling rounds. Backfill the wellhead of the Parella well and Perez well.

The eight monitor wells installed by Fred C. Hart: MW1 through MW-8 (Figures 25) on the General Switch site will be pumped, along with the other proposed observation wells, to confirm their usefulness.

The Terra 8 electropiezometer data logger will be installed in the trailer. Additional probes will be purchased to accomodate the additional wells that require monitoring.

Yours Sincerely



JOHN BEE
President, Shakti Consultants, Inc.

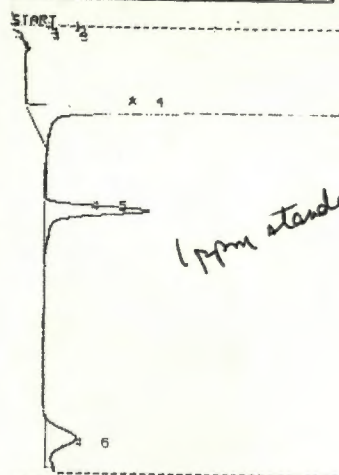
Senior Geologist
CPG#6173 American Institute of Professional Geologists

Laboratory Sample Results Summary Table - SHAKTI-LAURWAL

GROUNDWATER

Area Date	Sample Number	Matrix	Location Depth (feet)	Parameter	Concentration	Significance
12/19/90	E035953	Water	Electra Mfg.	Volatile Organics		
				Tetrachloroethylene	8.3 ug/L	
				VOC-TIC	ND	
12/19/90	E035954	Water	Parella	Volatile Organics		
				trans-1,2-Dichloroethylene	96 ug/L	
				Tetrachloroethylene	930 ug/L	
				Trichloroethylene	120 ug/L	
				VOA-TIC	8 ug/L	
12/19/90	E035955	Water	Osbourne	Volatile Organics		
				Tetrachloroethylene	20 ug/L	
				VOA-TIC	ND	
12/19/90	E035956	Water	General Switch	Volatile Organics		
				trans-1,2-Dichloroethylene	15 ug/L	
				Tetrachloroethylene	67 ug/L	
				Trichloroethylene	140 ug/L	
				VOA-TIC	ND	
12/19/90	E035957	Water	Gilbert	Volatile Organics	ND	
				VOA-TIC	ND	
12/19/90	E035958	Water	Barry	Volatile Organics		
				Tetrachloroethylene	1100 ug/L	
				Trichloroethylene	9.6 ug/L	
				VOA-TIC	ND	
12/19/90	E035959	Water	Ruppert	Volatile Organics		
				Tetrachloroethylene	12000 ug/L	
				Trichloroethylene	50 ug/L	
				VOA-TIC	ND	
12/19/90	E035960	Water	Perez	Volatile Organics		
				Chhloroform	79 ug/L	
				VOA-TIC	ND	
12/19/90	E035960	Water	Field Blank	Volatile Organics	ND	
				VOA-TIC	ND	

PHOTOVAC



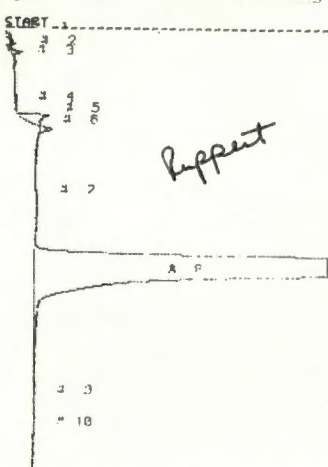
1 ppm standard

STOP @ 700.0
SAMPLE LIBRARY 3 DEC 26 1990 9:48
ANALYSIS # 1
INTERNAL TEMP 22
GAIN 10

OFFSET 63.0 mV
CHART SPEED 0.5 cm/Min
SLOPE SENS. 16 14 10 mV/Sec
WINDOW +/- 10 Percent
MINIMUM AREA 20 mVSec
TIMER DELAY 10.0 Sec
ANALYSIS TIME 700.0 Sec
CYCLE TIME 0 Min

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	20.0	106.3 mUS
UNKNOWN	2	30.5	23.3 mUS
BENZENE	4	133.4	3.277 PPB
TOLUENE	5	237.1	2.279 PPB
UNKNOWN	6	671.5	3.7 US

PHOTOVAC



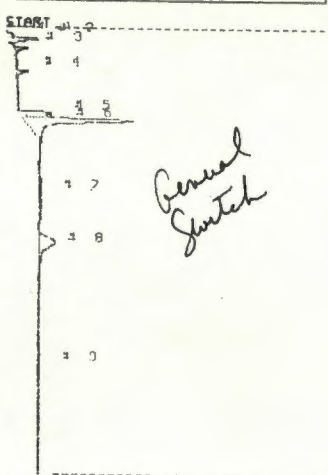
Repeat

STOP @ 700.0
SAMPLE LIBRARY 3 DEC 26 1990 10:15
ANALYSIS # 2
INTERNAL TEMP 24
GAIN 10

OFFSET 68.0 mV
CHART SPEED 0.5 cm/Min
SLOPE SENS. 16 14 10 mV/Sec
WINDOW +/- 10 Percent
MINIMUM AREA 20 mVSec
TIMER DELAY 10.0 Sec
ANALYSIS TIME 700.0 Sec
CYCLE TIME 0 Min

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	13.1	156.4 mUS
UNKNOWN	2	35.3	174.5 mUS
BENZENE	5	133.1	136.7 PPB
UNKNOWN	6	160.1	232.1 mUS
TOLUENE	7	267.3	33.30 PPB
UNKNOWN	8	373.5	240.4 US

PHOTOVAC



General Switch

STOP @ 700.0
SAMPLE LIBRARY 3 DEC 26 1990 10:36
ANALYSIS # 3
INTERNAL TEMP 25
GAIN 10

OFFSET 67.0 mV
CHART SPEED 0.5 cm/Min
SLOPE SENS. 16 14 10 mV/Sec
WINDOW +/- 10 Percent
MINIMUM AREA 20 mVSec
TIMER DELAY 10.0 Sec
ANALYSIS TIME 700.0 Sec
CYCLE TIME 0 Min

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	16.4	270.0 mUS
UNKNOWN	2	13.7	127.6 mUS
UNKNOWN	3	34.7	151.6 mUS
UNKNOWN	4	72.1	131.7 mUS
BENZENE	5	133.1	136.7 PPB
UNKNOWN	6	151.0	3.3 US
TOLUENE	7	265.1	24.40 PPB
UNKNOWN	8	347.3	1.0 US

PHOTOVAC



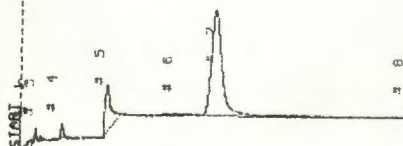
Elute mfg.

STOP @ 700.0
SAMPLE LIBRARY 3 DEC 26 1990 10:50
ANALYSIS # 4
INTERNAL TEMP 26
GAIN 10

OFFSET 67.0 mV
CHART SPEED 0.5 cm/Min
SLOPE SENS. 16 14 10 mV/Sec
WINDOW +/- 10 Percent
MINIMUM AREA 20 mVSec
TIMER DELAY 10.0 Sec
ANALYSIS TIME 700.0 Sec
CYCLE TIME 0 Min

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	14.5	216.4 mUS
UNKNOWN	2	34.3	137.8 mUS
BENZENE	3	133.1	216.9 PPB
UNKNOWN	4	250.1	47.5 mUS
UNKNOWN	5	333.9	35.7 mUS

PHOTOVAC

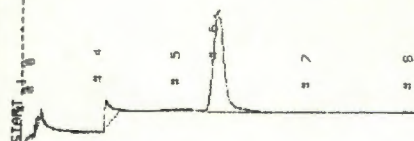


STOP @ 700.0
SAMPLE LIBRARY 3 DEC 26 1990 11:21
ANALYSIS # 5
INTERNAL TEMP 25
GAIN 10

OFFSET 60.0 mV
CHART SPEED 0.5 cm/min
SLOPE SENS. 10 14 10 mV/Sec
WINDOW 10 Percent
MINIMUM AREA 20 mV/Sec
TIMER DELAY 10.0 Sec
ANALYSIS TIME 700.0 Sec
CYCLE TIME 0 Min

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	10.4	350.7 mV
UNKNOWN	2	25.7	91.0 mV
UNKNOWN	3	34.1	31.2 mV
UNKNOWN	4	60.0	172.5 mV
BENZENE	5	141.5	310.3 PPB
UNKNOWN	6	243.5	32.1 mV
TOLUENE	7	310.5	2.420 PPB

PHOTOVAC



STOP @ 700.0
SAMPLE LIBRARY 3 DEC 26 1990 11:38
ANALYSIS # 6
INTERNAL TEMP 24
GAIN 10

OFFSET 67.0 mV
CHART SPEED 0.5 cm/min
SLOPE SENS. 10 14 10 mV/Sec
WINDOW 10 Percent
MINIMUM AREA 20 mV/Sec
TIMER DELAY 10.0 Sec
ANALYSIS TIME 700.0 Sec
CYCLE TIME 0 Min

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	13.0	434.8 mV
UNKNOWN	2	20.5	110.0 mV
UNKNOWN	3	33.7	27.3 mV
BENZENE	4	133.1	293.3 PPB
UNKNOWN	5	261.6	44.6 mV
UNKNOWN	6	321.3	0.0 mV
UNKNOWN	8	630.0	20.5 mV

New York State Department of Environmental Conservation

Region 3

21 South Putt Corners Road

New Paltz, NY 12561-1696

914-255-5453



Thomas C. Jorling
Commissioner

February 1, 1991

MR JOHN BEE PRESIDENT
SHAKTI CONSULTANTS INC
185 GATZMER AVENUE
JAMESBURG NJ 08831

Re: DEC Application # 3-3309-00075/1-0
Air Stripper - Groundwater Pumping and Treatment System
General Switch Corporation, City of Middletown, Orange County

Dear Mr. Bee:

In follow-up to the letter dated January 9, 1991 from Marsden Chen, of DEC's Division of Hazardous Waste Remediation in Albany, State permits i.e. air and SPDES, are not required. Therefore, this Notice of No Jurisdiction supercedes the Notice of Incomplete Application dated January 7, 1991 sent to you by Richard Speidel, as regional staff is no longer involved in the review of your proposal.

However, per Mr. Chen's letter, his unit is reviewing your application to ensure that the remedial action will meet all substantive requirements of permits. Accordingly, please correspond directly with Mr. Kamal Gupta, Division of Hazardous Waste Remediation at (518)457-3976 on any questions regarding this matter. Thank you.

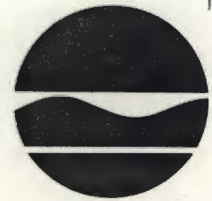
Sincerely,

Margaret E. Duke
Regional Permit Administrator
Region 3

MED/WRS/dah

cc: N. Isabelle/S. Botsford
C. Manfredi
R. Pergadia
M. Chen
K. Gupta

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233 -7010



sent
Thomas C. Jorling
Commissioner

JAN 9 1991

Mr. John Bee
President
Shakti Consultants, Inc.
185 Gatzmer Avenue
Jamesburg, NJ 08831

Dear Mr. Bee:

Re: General Switch Site Id. No. 336025

This letter is in response to your application for an air permit and SPDES permit to Mr. Neil Isabel and Cesare Manfredi of Region 3 of the New York State Department of Environmental Conservation (NYSDEC).

Since the potentially responsible party (PRP), Laurwal Holding Corp., has signed a consent decree with the United States Environmental Protection Agency (USEPA) under Section 106, 107 and 113 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 USC §9606, 9607 and 9613 and 28 USC §1331 and 1345, and CERCLA Section 121(e)1, 42 USC §9621(e)1 states that no federal, state or local permit shall be required for the portion of any removal or remedial action conducted entirely on-site. Therefore, in this case you do not need the State's air and SPDES permit for on-site activities. However, it is required that the remedial action will meet all substantive requirements of permits, had they been in place. To ensure that the proposed remedial action will meet all the substantive requirements of permits, we have provided our comments on your Pump Test Plan and Sampling Plan to the USEPA and are reviewing your application for an air permit and SPDES permit. Upon completion of our review of your application, we shall be providing our comments to the USEPA.

Please note that our review and comments at this stage of your application are limited to the use of an air stripper during the proposed pump test only. Once the pump test is completed and other information obtained as per approved Sampling Plan, we expect a Remedial Design Plan as called for in Item IX of the consent decree for long-term remedy.

If you have any questions regarding this, please contact Kamal Gupta, of my staff, at (518) 457-3976.

Sincerely,

Marsden Chen, P.E.
Director
Bureau of Eastern Remedial Action
Division of Hazardous Waste Remediation

cc: A. Hess, USEPA, Region II



SHAKTI CONSULTANTS INC.
185 GATZMER AVENUE
P.O. BOX
JAMESBURG, NJ 08831

DATE: 01/11/91
JOB No: 907757
PROJECT No:
SAMPLE RECEIVED: 12/19/90

ATTN: JOHN BEE

SAMPLE SUMMARY

SAMPLE No	COLLECTED			POINT OF COLLECTION
	DATE	TIME	BY	
E035953	12/19/90	11:09	BEE	WATER - ELECTRA MFG.
E035954	12/19/90	11:28	BEE	WATER - PARELLA
E035955	12/19/90	12:33	BEE	WATER - OSBOURNE
E035956	12/19/90	12:42	BEE	WATER - GENERAL SWITCH
E035957	12/19/90	14:35	BEE	WATER - GILBERT
E035958	12/19/90	14:47	BEE	WATER - BARRY

VINCENT J. PUGLIESE
VICE PRESIDENT



SHAKTI CONSULTANTS INC.
185 GATZMER AVENUE
P.O. BOX
JAMESBURG, NJ 08831

DATE: 01/11/91
JOB No: 907757
PROJECT No:
SAMPLE RECEIVED: 12/19/90

ATTN: JOHN BEE

SAMPLE SUMMARY

SAMPLE No	COLLECTED			POINT OF COLLECTION
	DATE	TIME	BY	
E035959	12/19/90	15:00	BEE	WATER - RUPPERT
E035960	12/19/90	12:21	BEE	WATER - PEREZ
E035961	12/19/90	14:00	BEE	WATER - FIELD BLANK

VINCENT J. PUGLIESE
VICE PRESIDENT

**ACCUTEST**

2235 ROUTE 130, BLDG B • DAYTON, N.J. 08810 • (201) 329-0200

ANALYSIS REPORT FOR VOLATILE ORGANICS BY GC/MS

		<u>DATA FILES</u>	<u>ANALYSIS DATE</u>	
CLIENT	: SHAKTI	Initial	: >A2366	12/21/90
LAB SAMPLE #	: E035953	Dilution #1	:	
MATRIX	: WATER	Dilution #2	:	
METHOD	: EPA 624			

	<u>COMPOUND</u>	<u>RESULT (ug/L)</u>	<u>MDL (ug/L)</u>	<u>Q</u>
1)	ACROLEIN	ND	100	
2)	ACRYLONITRILE	ND	100	
3)	BENZENE	ND	5.0	
4)	BROMOFORM	ND	5.0	
5)	BROMODICHLOROMETHANE	ND	5.0	
6)	BROMOMETHANE	ND	10	
7)	CARBON TETRACHLORIDE	ND	5.0	
8)	CHLOROBENZENE	ND	5.0	
9)	CHLOROETHANE	ND	10	
10)	2-CHLOROETHYL VINYL ETHER	ND	10	
11)	CHLOROFORM	ND	5.0	
12)	CHLOROMETHANE	ND	10	
13)	cis-1,3-DICHLOROPROPENE	ND	5.0	
14)	DIBROMOCHLOROMETHANE	ND	5.0	
15)	1,2-DICHLOROBENZENE	ND	5.0	
16)	1,3-DICHLOROBENZENE	ND	5.0	
17)	1,4-DICHLOROBENZENE	ND	5.0	
18)	1,1-DICHLOROETHANE	ND	5.0	
19)	1,2-DICHLOROETHANE	ND	5.0	
20)	1,1-DICHLOROETHYLENE	ND	5.0	
21)	trans-1,2-DICHLOROETHYLENE	ND	5.0	
22)	trans-1,3-DICHLOROPROPENE	ND	5.0	
23)	1,2-DICHLOROPROPANE	ND	5.0	
24)	ETHYLBENZENE	ND	5.0	
25)	METHYLENE CHLORIDE	ND	5.0	
26)	1,1,2,2-TETRACHLOROETHANE	ND	5.0	
27)	TETRACHLOROETHYLENE	8.3	5.0	
28)	TOLUENE	ND	5.0	
29)	1,1,1-TRICHLOROETHANE	ND	5.0	
30)	1,1,2-TRICHLOROETHANE	ND	5.0	
31)	TRICHLOROETHYLENE	ND	5.0	
32)	TRICHLOROFLUOROMETHANE	ND	5.0	
33)	VINYL CHLORIDE	ND	10	
34)	m-XYLENE	ND	5.0	
35)	p,o-XYLENE	ND	5.0	

ND = NOT DETECTED
MDL= METHOD DETECTION LIMIT(1) - RESULTS REPORTED FROM DILUTION #1
(2) - RESULTS REPORTED FROM DILUTION #2QUALIFIERS (Q)

J =INDICATES AN ESTIMATED VALUE BELOW MDL

B =INDICATES COMPOUND FOUND IN THE ASSOCIATED BLANK AS WELL AS IN SAMPLE

E =ESTIMATED VALUE; EXCEEDS INSTRUMENT CALIBRATION RANGE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: SHAKTI

Lab Sample ID: E035953,

Date Analyzed: 12/21/90 0:39

Lab File ID: >A2366

Matrix: WATER FOR VOA

Number TICs found: 0

CONCENTRATION UNITS: ug/L

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
NO ADDITIONAL PEAK TO SEARCH				

FORM I VOA-TIC

1/87 Rev.



2235 ROUTE 130, BLDG. B • DAYTON, N.J. 08810 • (201) 329-0200

ANALYSIS REPORT FOR VOLATILE ORGANICS BY GC/MS

CLIENT : SHAKTI
LAB SAMPLE #: E035954
MATRIX : WATER
METHOD : EPA 624

	DATA FILES	ANALYSIS DATE
Initial	: >A2367	12/21/90
Dilution #1	: >A2386	12/21/90
Dilution #2	:	

COMPOUND	RESULT (ug/L)	MDL (ug/L)	Q
1) ACROLEIN	ND	100	
2) ACRYLONITRILE	ND	100	
3) BENZENE	ND	5.0	
4) BROMOFORM	ND	5.0	
5) BROMODICHLOROMETHANE	ND	5.0	
6) BROMOMETHANE	ND	10	
7) CARBON TETRACHLORIDE	ND	5.0	
8) CHLOROBENZENE	ND	5.0	
9) CHLOROETHANE	ND	10	
10) 2-CHLOROETHYL VINYL ETHER	ND	10	
11) CHLOROFORM	ND	5.0	
12) CHLOROMETHANE	ND	10	
13) cis-1,3-DICHLOROPROPENE	ND	5.0	
14) DIBROMOCHLOROMETHANE	ND	5.0	
15) 1,2-DICHLOROBENZENE	ND	5.0	
16) 1,3-DICHLOROBENZENE	ND	5.0	
17) 1,4-DICHLOROBENZENE	ND	5.0	
18) 1,1-DICHLOROETHANE	ND	5.0	
19) 1,2-DICHLOROETHANE	ND	5.0	
20) 1,1-DICHLOROETHYLENE	ND	5.0	
21) trans-1,2-DICHLOROETHYLENE	96	5.0	
22) trans-1,3-DICHLOROPROPENE	ND	5.0	
23) 1,2-DICHLOROPROPANE	ND	5.0	
24) ETHYLBENZENE	ND	5.0	
25) METHYLENE CHLORIDE	ND	5.0	
26) 1,1,2,2-TETRACHLOROETHANE	ND	5.0	
27) TETRACHLOROETHYLENE	930 (1)	50	
28) TOLUENE	ND	5.0	
29) 1,1,1-TRICHLOROETHANE	ND	5.0	
30) 1,1,2-TRICHLOROETHANE	ND	5.0	
31) TRICHLOROETHYLENE	120	5.0	
32) TRICHLOROFLUOROMETHANE	ND	5.0	
33) VINYL CHLORIDE	ND	10	
34) m-XYLENE	ND	5.0	
35) p,o-XYLENE	ND	5.0	

ND = NOT DETECTED
MDL= METHOD DETECTION LIMIT

(1) - RESULTS REPORTED FROM DILUTION #1
(2) - RESULTS REPORTED FROM DILUTION #2

QUALIFIERS (Q)

J =INDICATES AN ESTIMATED VALUE BELOW MDL
B =INDICATES COMPOUND FOUND IN THE ASSOCIATED BLANK AS WELL AS IN SAMPLE
E =ESTIMATED VALUE; EXCEEDS INSTRUMENT CALIBRATION RANGE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: SHAKTI

Lab Sample ID: E035954,

Date Analyzed: 12/21/90 1:23

Lab File ID: >A2367

Matrix: WATER FOR VOA

Number TICs found: 1

CONCENTRATION UNITS: ug/L

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
1. 75194	Cyclopropane (DOT)(8CI9CI)	9.98	8.	
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

QUALIFIERS(Q);

- (1)-THIS COMPOUND (OR SIMILAR SPECTRA) FOUND IN LAB BLANK.
- (2)-INTERNAL OR SURROGATE STANDARD ADDED BY LABORATORY.
- (3)-THIS COMPOUND ALREADY IDENTIFIED AND REPORTED AS TARGET COMPOUND.
- (4)-PROBABLE BACKGROUND DUE TO SOLVENT OR CO2.
- (5)-OTHER:

FORM I VOA-TIC

ANALYSIS REPORT FOR VOLATILE ORGANICS BY GC/MS

CLIENT	: SHAKTI	Initial	: >A2385	ANALYSIS DATE	12/21/90
LAB SAMPLE #	: E035955	Dilution #1	:		
MATRIX	: WATER	Dilution #2	:		
METHOD	: EPA 624				

	COMPOUND	RESULT (ug/L)	MDL (ug/L)	Q
1)	ACROLEIN	ND	100	
2)	ACRYLONITRILE	ND	100	
3)	BENZENE	ND	5.0	
4)	BROMOFORM	ND	5.0	
5)	BROMODICHLOROMETHANE	ND	5.0	
6)	BROMOMETHANE	ND	10	
7)	CARBON TETRACHLORIDE	ND	5.0	
8)	CHLOROBENZENE	ND	5.0	
9)	CHLOROETHANE	ND	10	
10)	2-CHLOROETHYL VINYL ETHER	ND	10	
11)	CHLOROFORM	ND	5.0	
12)	CHLOROMETHANE	ND	10	
13)	cis-1,3-DICHLOROPROPENE	ND	5.0	
14)	DIBROMOCHLOROMETHANE	ND	5.0	
15)	1,2-DICHLOROBENZENE	ND	5.0	
16)	1,3-DICHLOROBENZENE	ND	5.0	
17)	1,4-DICHLOROBENZENE	ND	5.0	
18)	1,1-DICHLOROETHANE	ND	5.0	
19)	1,2-DICHLOROETHANE	ND	5.0	
20)	1,1-DICHLOROETHYLENE	ND	5.0	
21)	trans-1,2-DICHLOROETHYLENE	ND	5.0	
22)	trans-1,3-DICHLOROPROPENE	ND	5.0	
23)	1,2-DICHLOROPROPANE	ND	5.0	
24)	ETHYLBENZENE	ND	5.0	
25)	METHYLENE CHLORIDE	ND	5.0	
26)	1,1,2,2-TETRACHLOROETHANE	ND	5.0	
27)	TETRACHLOROETHYLENE	20	5.0	
28)	TOLUENE	ND	5.0	
29)	1,1,1-TRICHLOROETHANE	ND	5.0	
30)	1,1,2-TRICHLOROETHANE	ND	5.0	
31)	TRICHLOROETHYLENE	ND	5.0	
32)	TRICHLOROFLUOROMETHANE	ND	5.0	
33)	VINYL CHLORIDE	ND	10	
34)	m-XYLENE	ND	5.0	
35)	p,o-XYLENE	ND	5.0	

ND = NOT DETECTED
MDL= METHOD DETECTION LIMIT

(1) - RESULTS REPORTED FROM DILUTION #1
(2) - RESULTS REPORTED FROM DILUTION #2

QUALIFIERS (Q)

J =INDICATES AN ESTIMATED VALUE BELOW MDL
B =INDICATES COMPOUND FOUND IN THE ASSOCIATED BLANK AS WELL AS IN SAMPLE
E =ESTIMATED VALUE; EXCEEDS INSTRUMENT CALIBRATION RANGE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: SHAKTI

Lab Sample ID: E035955,

Date Analyzed: 12/21/90 17:25

Lab File ID: >A2385

Matrix: WATER FOR VOA

Number TICs found: 0

CONCENTRATION UNITS: ug/L

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
NO ADDITIONAL PEAK TO SEARCH				

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ANALYSIS REPORT FOR VOLATILE ORGANICS BY GC/MS

		DATA FILES	ANALYSIS DATE
CLIENT	: SHAKTI	Initial	: >A2369
LAB SAMPLE #	: E035956	Dilution #1	: 12/21/90
MATRIX	: WATER	Dilution #2	:
METHOD	: EPA 624		

COMPOUND	RESULT (ug/L)	MDL (ug/L)	Q
1) ACROLEIN	ND	100	
2) ACRYLONITRILE	ND	100	
3) BENZENE	ND	5.0	
4) BROMOFORM	ND	5.0	
5) BROMODICHLOROMETHANE	ND	5.0	
6) BROMOMETHANE	ND	10	
7) CARBON TETRACHLORIDE	ND	5.0	
8) CHLOROBENZENE	ND	5.0	
9) CHLOROETHANE	ND	10	
10) 2-CHLOROETHYL VINYL ETHER	ND	10	
11) CHLOROFORM	ND	5.0	
12) CHLOROMETHANE	ND	10	
13) cis-1,3-DICHLOROPROPENE	ND	5.0	
14) DIBROMOCHLOROMETHANE	ND	5.0	
15) 1,2-DICHLOROBENZENE	ND	5.0	
16) 1,3-DICHLOROBENZENE	ND	5.0	
17) 1,4-DICHLOROBENZENE	ND	5.0	
18) 1,1-DICHLOROETHANE	ND	5.0	
19) 1,2-DICHLOROETHANE	ND	5.0	
20) 1,1-DICHLOROETHYLENE	ND	5.0	
21) trans-1,2-DICHLOROETHYLENE	15	5.0	
22) trans-1,3-DICHLOROPROPENE	ND	5.0	
23) 1,2-DICHLOROPROPANE	ND	5.0	
24) ETHYLBENZENE	ND	5.0	
25) METHYLENE CHLORIDE	ND	5.0	
26) 1,1,2,2-TETRACHLOROETHANE	ND	5.0	
27) TETRACHLOROETHYLENE	67	5.0	
28) TOLUENE	ND	5.0	
29) 1,1,1-TRICHLOROETHANE	ND	5.0	
30) 1,1,2-TRICHLOROETHANE	ND	5.0	
31) TRICHLOROETHYLENE	140	5.0	
32) TRICHLOROFLUOROMETHANE	ND	5.0	
33) VINYL CHLORIDE	ND	10	
34) m-XYLENE	ND	5.0	
35) p,o-XYLENE	ND	5.0	

ND = NOT DETECTED
MDL= METHOD DETECTION LIMIT

(1) - RESULTS REPORTED FROM DILUTION #1
(2) - RESULTS REPORTED FROM DILUTION #2

QUALIFIERS (Q)

J =INDICATES AN ESTIMATED VALUE BELOW MDL
B =INDICATES COMPOUND FOUND IN THE ASSOCIATED BLANK AS WELL AS IN SAMPLE
E =ESTIMATED VALUE; EXCEEDS INSTRUMENT CALIBRATION RANGE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: SHAKTI

Lab Sample ID: E035956,

Date Analyzed: 12/21/90 2:49

Lab File ID: >A2369

Matrix: WATER FOR VOA

Number TICs found: 1

CONCENTRATION UNITS: ug/L

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
1.	Unknown	28.70	6.	3
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

QUALIFIERS(Q);

- (1)-THIS COMPOUND (OR SIMILAR SPECTRA) FOUND IN LAB BLANK.
- (2)-INTERNAL OR SURROGATE STANDARD ADDED BY LABORATORY.
- (3)-THIS COMPOUND ALREADY IDENTIFIED AND REPORTED AS TARGET COMPOUND.
- (4)-PROBABLE BACKGROUND DUE TO SOLVENT OR CO2.
- (5)-OTHER:

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ANALYSIS REPORT FOR VOLATILE ORGANICS BY GC/MS

CLIENT : SHAKTI
LAB SAMPLE #: E035957
MATRIX : WATER
METHOD : EPA 624

DATA FILES :
ANALYSIS DATE : 12/21/90
Initial : >A2370
Dilution #1 :
Dilution #2 :

COMPOUND	RESULT (ug/L)	MDL (ug/L)	Q
1) ACROLEIN	ND	100	
2) ACRYLONITRILE	ND	100	
3) BENZENE	ND	5.0	
4) BROMOFORM	ND	5.0	
5) BROMODICHLOROMETHANE	ND	5.0	
6) BROMOMETHANE	ND	10	
7) CARBON TETRACHLORIDE	ND	5.0	
8) CHLOROBENZENE	ND	5.0	
9) CHLOROETHANE	ND	10	
10) 2-CHLOROETHYL VINYL ETHER	ND	10	
11) CHLOROFORM	ND	5.0	
12) CHLOROMETHANE	ND	10	
13) cis-1,3-DICHLOROPROPENE	ND	5.0	
14) DIBROMOCHLOROMETHANE	ND	5.0	
15) 1,2-DICHLOROBENZENE	ND	5.0	
16) 1,3-DICHLOROBENZENE	ND	5.0	
17) 1,4-DICHLOROBENZENE	ND	5.0	
18) 1,1-DICHLOROETHANE	ND	5.0	
19) 1,2-DICHLOROETHANE	ND	5.0	
20) 1,1-DICHLOROETHYLENE	ND	5.0	
21) trans-1,2-DICHLOROETHYLENE	ND	5.0	
22) trans-1,3-DICHLOROPROPENE	ND	5.0	
23) 1,2-DICHLOROPROPANE	ND	5.0	
24) ETHYLBENZENE	ND	5.0	
25) METHYLENE CHLORIDE	ND	5.0	
26) 1,1,2,2-TETRACHLOROETHANE	ND	5.0	
27) TETRACHLOROETHYLENE	ND	5.0	
28) TOLUENE	ND	5.0	
29) 1,1,1-TRICHLOROETHANE	ND	5.0	
30) 1,1,2-TRICHLOROETHANE	ND	5.0	
31) TRICHLOROETHYLENE	ND	5.0	
32) TRICHLOROFLUOROMETHANE	ND	5.0	
33) VINYL CHLORIDE	ND	10	
34) m-XYLENE	ND	5.0	
35) p,o-XYLENE	ND	5.0	

ND = NOT DETECTED
MDL= METHOD DETECTION LIMIT

{1} - RESULTS REPORTED FROM DILUTION #1
{2} - RESULTS REPORTED FROM DILUTION #2

QUALIFIERS (Q)

J =INDICATES AN ESTIMATED VALUE BELOW MDL
B =INDICATES COMPOUND FOUND IN THE ASSOCIATED BLANK AS WELL AS IN SAMPLE
E =ESTIMATED VALUE; EXCEEDS INSTRUMENT CALIBRATION RANGE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: SHAKTI

Lab Sample ID: E035957,

Date Analyzed: 12/21/90 3:32

Lab File ID: >A2370

Matrix: WATER FOR VOA

Number TICs found: 0

CONCENTRATION UNITS: ug/L

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
NO ADDITIONAL PEAK TO SEARCH				

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**ACCUTEST**

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ANALYSIS REPORT FOR VOLATILE ORGANICS BY GC/MS

		DATA FILES	ANALYSIS DATE	
CLIENT	: SHAKTI	Initial	: >A2371	12/21/90
LAB SAMPLE #	: E035958	Dilution #1	: >A2387	12/21/90
MATRIX	: WATER	Dilution #2	:	
METHOD	: EPA 624			

	COMPOUND	RESULT (ug/L)	MDL (ug/L)	Q
1)	ACROLEIN	ND	100	
2)	ACRYLONITRILE	ND	100	
3)	BENZENE	ND	5.0	
4)	BROMOFORM	ND	5.0	
5)	BROMODICHLOROMETHANE	ND	5.0	
6)	BROMOMETHANE	ND	10	
7)	CARBON TETRACHLORIDE	ND	5.0	
8)	CHLOROBENZENE	ND	5.0	
9)	CHLOROETHANE	ND	10	
10)	2-CHLOROETHYL VINYL ETHER	ND	10	
11)	CHLOROFORM	ND	5.0	
12)	CHLOROMETHANE	ND	10	
13)	cis-1,3-DICHLOROPROPENE	ND	5.0	
14)	DIBROMOCHLOROMETHANE	ND	5.0	
15)	1,2-DICHLOROBENZENE	ND	5.0	
16)	1,3-DICHLOROBENZENE	ND	5.0	
17)	1,4-DICHLOROBENZENE	ND	5.0	
18)	1,1-DICHLOROETHANE	ND	5.0	
19)	1,2-DICHLOROETHANE	ND	5.0	
20)	1,1-DICHLOROETHYLENE	ND	5.0	
21)	trans-1,2-DICHLOROETHYLENE	ND	5.0	
22)	trans-1,3-DICHLOROPROPENE	ND	5.0	
23)	1,2-DICHLOROPROPANE	ND	5.0	
24)	ETHYLBENZENE	ND	5.0	
25)	METHYLENE CHLORIDE	ND	5.0	
26)	1,1,2,2-TETRACHLOROETHANE	ND	5.0	
27)	TETRACHLOROETHYLENE	1100 (1)	50	
28)	TOLUENE	ND	5.0	
29)	1,1,1-TRICHLOROETHANE	ND	5.0	
30)	1,1,2-TRICHLOROETHANE	ND	5.0	
31)	TRICHLOROETHYLENE	9.6	5.0	
32)	TRICHLOROFLUOROMETHANE	ND	5.0	
33)	VINYL CHLORIDE	ND	10	
34)	m-XYLENE	ND	5.0	
35)	p,o-XYLENE	ND	5.0	

ND = NOT DETECTED
MDL= METHOD DETECTION LIMIT

(1) - RESULTS REPORTED FROM DILUTION #1
(2) - RESULTS REPORTED FROM DILUTION #2

QUALIFIERS (Q)

J =INDICATES AN ESTIMATED VALUE BELOW MDL
B =INDICATES COMPOUND FOUND IN THE ASSOCIATED BLANK AS WELL AS IN SAMPLE
E =ESTIMATED VALUE; EXCEEDS INSTRUMENT CALIBRATION RANGE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: SHAKTI

Lab Sample ID: E035958,

Date Analyzed: 12/21/90 4:15

Lab File ID: >A2371

Matrix: WATER FOR VOA

Number TICs found: 0

CONCENTRATION UNITS: ug/L

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
NO ADDITIONAL PEAK TO SEARCH				

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ANALYSIS REPORT FOR VOLATILE ORGANICS BY GC/MS

CLIENT	:	SHAKTI	Initial	:	>A2394	ANALYSIS	:	12/21/90
LAB SAMPLE #	:	E035959	Dilution #1	:	>A2445	DATE	:	12/27/90
MATRIX	:	WATER	Dilution #2	:				
METHOD	:	EPA 624						

COMPOUND	RESULT (ug/L)	MDL (ug/L)	Q
1) ACROLEIN	ND	100	
2) ACRYLONITRILE	ND	100	
3) BENZENE	ND	5.0	
4) BROMOFORM	ND	5.0	
5) BROMODICHLOROMETHANE	ND	5.0	
6) BROMOMETHANE	ND	10	
7) CARBON TETRACHLORIDE	ND	5.0	
8) CHLOROBENZENE	ND	5.0	
9) CHLOROETHANE	ND	10	
10) 2-CHLOROETHYL VINYL ETHER	ND	10	
11) CHLOROFORM	ND	5.0	
12) CHLOROMETHANE	ND	10	
13) cis-1,3-DICHLOROPROPENE	ND	5.0	
14) DIBROMOCHLOROMETHANE	ND	5.0	
15) 1,2-DICHLOROBENZENE	ND	5.0	
16) 1,3-DICHLOROBENZENE	ND	5.0	
17) 1,4-DICHLOROBENZENE	ND	5.0	
18) 1,1-DICHLOROETHANE	ND	5.0	
19) 1,2-DICHLOROETHANE	ND	5.0	
20) 1,1-DICHLOROETHYLENE	ND	5.0	
21) trans-1,2-DICHLOROETHYLENE	ND	5.0	
22) trans-1,3-DICHLOROPROPENE	ND	5.0	
23) 1,2-DICHLOROPROPANE	ND	5.0	
24) ETHYLBENZENE	ND	5.0	
25) METHYLENE CHLORIDE	ND	5.0	
26) 1,1,2,2-TETRACHLOROETHANE	ND	5.0	
27) TETRACHLOROETHYLENE	12000 (1)	500	
28) TOLUENE	ND	5.0	
29) 1,1,1-TRICHLOROETHANE	ND	5.0	
30) 1,1,2-TRICHLOROETHANE	ND	5.0	
31) TRICHLOROETHYLENE	50	5.0	
32) TRICHLOROFLUOROMETHANE	ND	5.0	
33) VINYL CHLORIDE	ND	10	
34) m-XYLENE	ND	5.0	
35) p,o-XYLENE	ND	5.0	

ND = NOT DETECTED
MDL= METHOD DETECTION LIMIT

(1) - RESULTS REPORTED FROM DILUTION #1
(2) - RESULTS REPORTED FROM DILUTION #2

QUALIFIERS (Q)

J =INDICATES AN ESTIMATED VALUE BELOW MDL
B =INDICATES COMPOUND FOUND IN THE ASSOCIATED BLANK AS WELL AS IN SAMPLE
E =ESTIMATED VALUE; EXCEEDS INSTRUMENT CALIBRATION RANGE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: SHAKTI

Lab Sample ID: E035959,

Date Analyzed: 12/21/90 23:52

Lab File ID: >A2394

Matrix: WATER FOR VOA

Number TICs found: 0

CONCENTRATION UNITS: ug/L

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
NO ADDITIONAL PEAK TO SEARCH				

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ANALYSIS REPORT FOR VOLATILE ORGANICS BY GC/MS

CLIENT : SHAKTI
LAB SAMPLE #: E035960
MATRIX : WATER
METHOD : EPA 624

DATA FILES :
ANALYSIS DATE :
Initial : >A2406
Dilution #1 :
Dilution #2 :

COMPOUND	RESULT (ug/L)	MDL (ug/L)	Q
1) ACROLEIN	ND	100	
2) ACRYLONITRILE	ND	100	
3) BENZENE	ND	5.0	
4) BROMOFORM	ND	5.0	
5) BROMODICHLOROMETHANE	ND	5.0	
6) BROMOMETHANE	ND	10	
7) CARBON TETRACHLORIDE	ND	5.0	
8) CHLOROBENZENE	ND	5.0	
9) CHLOROETHANE	ND	10	
10) 2-CHLOROETHYL VINYL ETHER	ND	10	
11) CHLOROFORM	79	5.0	
12) CHLOROMETHANE	ND	10	
13) cis-1,3-DICHLOROPROPENE	ND	5.0	
14) DIBROMOCHLOROMETHANE	ND	5.0	
15) 1,2-DICHLOROBENZENE	ND	5.0	
16) 1,3-DICHLOROBENZENE	ND	5.0	
17) 1,4-DICHLOROBENZENE	ND	5.0	
18) 1,1-DICHLOROETHANE	ND	5.0	
19) 1,2-DICHLOROETHANE	ND	5.0	
20) 1,1-DICHLOROETHYLENE	ND	5.0	
21) trans-1,2-DICHLOROETHYLENE	ND	5.0	
22) trans-1,3-DICHLOROPROPENE	ND	5.0	
23) 1,2-DICHLOROPROPANE	ND	5.0	
24) ETHYLBENZENE	ND	5.0	
25) METHYLENE CHLORIDE	ND	5.0	
26) 1,1,2,2-TETRACHLOROETHANE	ND	5.0	
27) TETRACHLOROETHYLENE	ND	5.0	
28) TOLUENE	ND	5.0	
29) 1,1,1-TRICHLOROETHANE	ND	5.0	
30) 1,1,2-TRICHLOROETHANE	ND	5.0	
31) TRICHLOROETHYLENE	ND	5.0	
32) TRICHLOROFLUOROMETHANE	ND	5.0	
33) VINYL CHLORIDE	ND	10	
34) m-XYLENE	ND	5.0	
35) p,o-XYLENE	ND	5.0	

ND = NOT DETECTED
MDL= METHOD DETECTION LIMIT

(1) - RESULTS REPORTED FROM DILUTION #1
(2) - RESULTS REPORTED FROM DILUTION #2

QUALIFIERS (Q)

J =INDICATES AN ESTIMATED VALUE BELOW MDL
B =INDICATES COMPOUND FOUND IN THE ASSOCIATED BLANK AS WELL AS IN SAMPLE
E =ESTIMATED VALUE; EXCEEDS INSTRUMENT CALIBRATION RANGE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: SHAKTI

Lab Sample ID: E035960,

Date Analyzed: 12/26/90 14:29

Lab File ID: >A2406

Matrix: WATER FOR VOA

Number TICs found: 0

CONCENTRATION UNITS: ug/L

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
NO ADDITIONAL PEAK TO SEARCH				

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ANALYSIS REPORT FOR VOLATILE ORGANICS BY GC/MS

CLIENT	:	SHAKTI	Initial	:	>A2389	ANALYSIS	:	12/21/90
LAB SAMPLE #	:	E035961	Dilution #1	:	:	DATE	:	
MATRIX	:	WATER	Dilution #2	:	:		:	
METHOD	:	EPA 624		:			:	

	COMPOUND	RESULT (ug/L)	MDL (ug/L)	Q
1)	ACROLEIN	ND	100	
2)	ACRYLONITRILE	ND	100	
3)	BENZENE	ND	5.0	
4)	BROMOFORM	ND	5.0	
5)	BROMODICHLOROMETHANE	ND	5.0	
6)	BROMOMETHANE	ND	10	
7)	CARBON TETRACHLORIDE	ND	5.0	
8)	CHLOROBENZENE	ND	5.0	
9)	CHLOROETHANE	ND	10	
10)	2-CHLOROETHYL VINYL ETHER	ND	10	
11)	CHLOROFORM	ND	5.0	
12)	CHLOROMETHANE	ND	10	
13)	cis-1,3-DICHLOROPROPENE	ND	5.0	
14)	DIBROMOCHLOROMETHANE	ND	5.0	
15)	1,2-DICHLOROBENZENE	ND	5.0	
16)	1,3-DICHLOROBENZENE	ND	5.0	
17)	1,4-DICHLOROBENZENE	ND	5.0	
18)	1,1-DICHLOROETHANE	ND	5.0	
19)	1,2-DICHLOROETHANE	ND	5.0	
20)	1,1-DICHLOROETHYLENE	ND	5.0	
21)	trans-1,2-DICHLOROETHYLENE	ND	5.0	
22)	trans-1,3-DICHLOROPROPENE	ND	5.0	
23)	1,2-DICHLOROPROPANE	ND	5.0	
24)	ETHYLBENZENE	ND	5.0	
25)	METHYLENE CHLORIDE	ND	5.0	
26)	1,1,2,2-TETRACHLOROETHANE	ND	5.0	
27)	TETRACHLOROETHYLENE	ND	5.0	
28)	TOLUENE	ND	5.0	
29)	1,1,1-TRICHLOROETHANE	ND	5.0	
30)	1,1,2-TRICHLOROETHANE	ND	5.0	
31)	TRICHLOROETHYLENE	ND	5.0	
32)	TRICHLOROFLUOROMETHANE	ND	5.0	
33)	VINYL CHLORIDE	ND	10	
34)	m-XYLENE	ND	5.0	
35)	p,o-XYLENE	ND	5.0	

ND = NOT DETECTED
MDL= METHOD DETECTION LIMIT

(1) - RESULTS REPORTED FROM DILUTION #1
(2) - RESULTS REPORTED FROM DILUTION #2

QUALIFIERS (Q)

J =INDICATES AN ESTIMATED VALUE BELOW MDL
B =INDICATES COMPOUND FOUND IN THE ASSOCIATED BLANK AS WELL AS IN SAMPLE
E =ESTIMATED VALUE; EXCEEDS INSTRUMENT CALIBRATION RANGE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: SHAKTI

Lab Sample ID: E035961,

Date Analyzed: 12/21/90 20:17

Lab File ID: >A2389

Matrix: WATER FOR VOA

Number TICs found: 0

CONCENTRATION UNITS: ug/L

CAS NUMBER	COMPOUND NAME	RT	EST CONC	Q
NO ADDITIONAL PEAK TO SEARCH				

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