

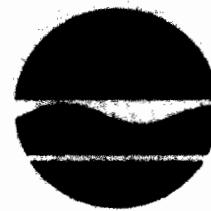
REMEDIAL INVESTIGATION REPORT

Valley Falls Dry Cleaner

December 1996

APPENDICES

Volume 2 of 2



**State Superfund Project
Inactive Hazardous Waste Site No. 4-42-028**

**Prepared by the
New York State Department of Environmental Conservation
Division of Environmental Remediation
in association with the**

REMEDIAL INVESTIGATION REPORT

Volume 2 of 2

APPENDICES

- Appendix A - Soil Gas Survey Methodology
- Appendix B - Monitoring Well Construction
- Appendix C - Boring Logs
- Appendix D - In-Situ Permeability Testing Methodology
- Appendix E - Hydraulic Conductivity Test Results
- Appendix F - Laboratory Data Sheets
- Appendix G - Human Exposure Evaluation

APPENDIX A

Soil Gas Survey Methodology

The following methodology was used:

- A.) A clean drive point adaptor and new expendable point was driven to the appropriate depth. The drive point adaptors and stainless steel tubing connectors was be cleaned with Alconox and double rinsed between each use. The expendable drive point was sacrificed at each soil gas sampling location and a new point was provided.
- B.) After the drive point reached the desired depth, the probe rod was retracted approximately 3-4" to create a void which will allow the migration of soil gas to be sampled into the bottom of the drive point adaptor.
- C.) A clean, unused piece of 1/4 "poly tubing was then be attached to the stainless steel adaptor. The tubing was inserted into the probe rod and extended to the bottom of the probe rod. Using a counter-clockwise circular motion, the tubing was threaded to the drive point adaptor and tightened to compress the "O" ring seal.
- D.) After connecting the poly tubing to the "down-hole" drive point adaptor, the line is purged by drawing a measured volume of soil gas/vapor through the tubing using the vacuum/volume system mounted in ZEBRA's vehicle.
- E.) The tubing connected to the drive point adaptor is then disconnected from the vacuum system and is either attached to a Tedlar Sampling Bag.
- F.) The vacuum system is then used to draw a vacuum on an airtight box which contains the sampling bag. The bag being subjected to an exterior vacuum fills with soil gas from the poly tubing connected to the drive point adaptor.
- G.) All sample bags were given to the GC operator for analysis.

The soil vapor samples collected were analyzed on site by a mobil laboratory. The mobile laboratory contained an SRI Model 9300 Gas Chromatograph with a Photoionization Detector and ELCD detector. With this analytical system, the laboratory was able to analyze approximately twenty (20) samples per day for a representative list of volatile organic compounds.

APPENDIX B

Monitoring Well Construction

The bedrock monitoring wells were constructed in a manner which prevented cross-contamination between the overburden and bedrock zones as follows:

Once the borehole was advanced to the top of competent rock, the augers were seated into competent bedrock. A 5 inch roller bit was used to drill a three foot rock socket.

A 4-inch I.D. steel casing was then lowered inside the 6 1/4 inch I.D. augers to the bottom of the borehole. A cement bentonite grout was pumped through a tremie pipe into the annulus between the borehole and the casing to 12 inches below the land surface as the 6 1/4-inch hollow-stem augers were removed. After the grout cured for a minimum of 12 hours, a double-tube, swivel-type core barrel was used to obtain NX core samples of the next 30 feet of rock. Potable water from Melrose used as the drilling fluid. Water return was monitored during rock drilling and no zones of significant water loss to the formation were noted. A volume of water equal to or greater than the volume lost will be removed during well development. Description of the core, including the Rock Quality Designation (RQD), was completed as described. Core samples were retained in wooden core boxes for future reference.

Subsequent to coring, the boreholes were reamed with a 3 7/8-inch roller bit to remove fines generated during coring. Roller bit drilling continued to the base of the cored interval. For bedrock wells at drilling locations MW-3D and MW-4D, an 8-inch diameter curb box was grouted in place over the 4-inch steel casing. A typical bedrock monitoring well construction diagram is illustrated on Figure 6. MW-1D and MW-2D will have a standard approximately 2 foot stick-up with a locking steel cover and a concrete base.

Borings that were made for the installation of the overburden wells were not continuously split spoon sampled since data on the overburden characteristic was obtained during installation of the adjacent bedrock well.

Borings for the overburden wells were advanced to the top of rock. Borings were advanced with a 6 1/4-inch I D hollow stem auger. Two split spoon samples were taken from the proposed screen zone. Overburden monitoring wells were constructed of 4-inch ID flush-joint schedule 40 PVC and from 5 to 15 feet of 4 inch,

continuous, slot, wrapped PVC wire screen. The depth and exact length of the screen zone was determined by NYSDEC personnel in the field.

A 6-inch layer of sand was placed at the bottom of each boring as a base for the well screen and as part of the sand pack. The well casing was set on the sand layer and the remainder of the sand pack will be placed in the borehole annulus to a level two feet above the top of the screen top. The sand was clean, washed silica sand, appropriately sized so that no more than ten percent passes through a 0.01 slot screen (No. 2 Q-ROK or equivalent).

A bentonite seal two feet in depth, at a minimum, was installed immediately above

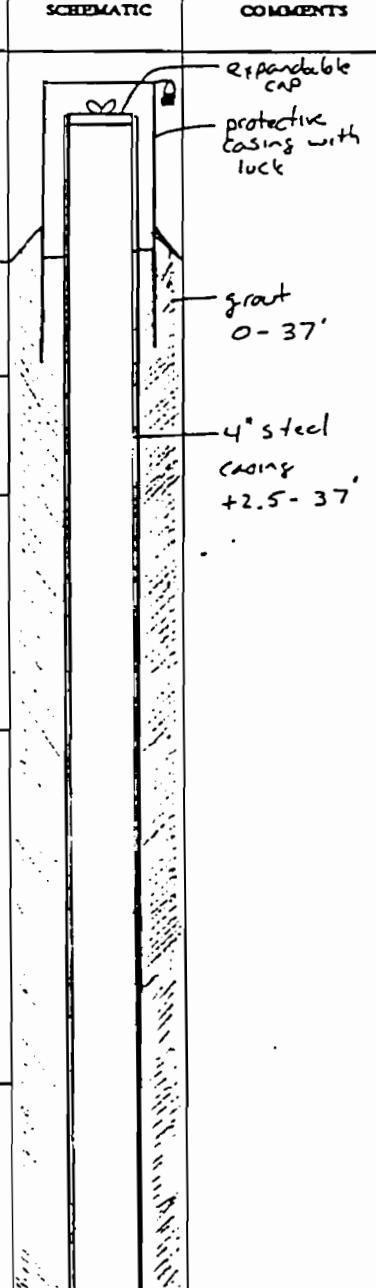
the sand layer. Bentonite pellets were used to construct this seal. The remainder of the borehole annulus was backfilled to one foot below grade. For the overburden wells at MW-3 and MW-4, the top of the 4" PVC riser pipe extended six inches below grade and was protected by an 8 inch diameter curb box grouted in place. The wells at MW-1 and MW-2 have a standard approximately 2 foot stick-up with a locking protective steel cover and concrete base. A construction diagram for a typical overburden monitoring well is illustrated on Figure 7. As shown in the well construction diagrams, bedrock and overburden wells fitted with curb box covers will have a six inch layer of coarse sand below the concrete to allow water to drain away from the well. Each monitoring well was surveyed for vertical and horizontal location and recorded on the site map.

Appendix C

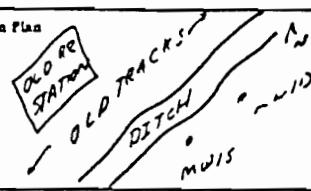
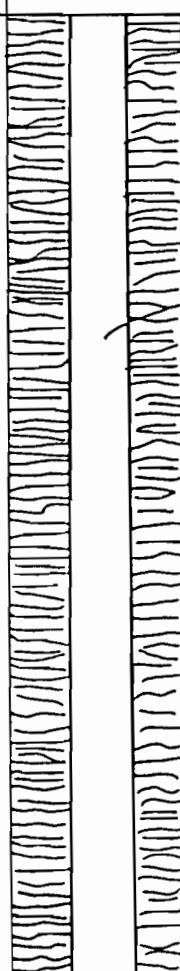
Boring Logs

Contractor: <u>American Auger</u> Driller: <u>John Pietrich</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>Farmost CT250</u>		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>728726-01000</u>				BORING/WELL NO. MW-15 Sheet <u>1</u> of <u>2</u> Location Description: <u>see map below</u>	
GROUNDWATER OBSERVATIONS						Location Plan 	
Water Level	5.92					Weather	20° windy
Date	4/9/96					Date/Time Start	12/19/95 11:15
Time	1530					Date/Time Finish	12/19/95 17:00
Mean From	TUL						
Sample Depth	Sample ID.	SPT	% Rec.	PID		FIELD IDENTIFICATION OF MATERIAL	
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+2							
+1							
0	A						
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17							
SAMPLING METHOD SS = SPLIT SPOON A = AUGER CUTTINGS C = CORED		COMMENTS: METHODS: 6 1/4" HSA, HQ, NO COATING					

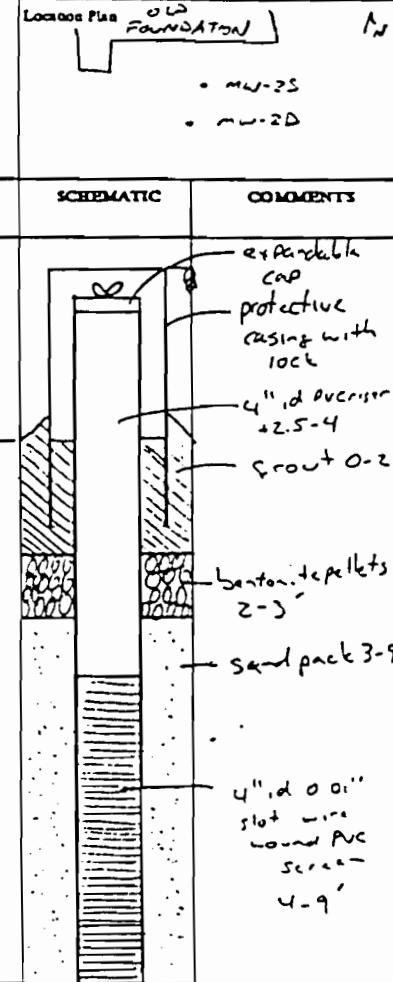
Contractor: American Auger Driller: John Pietrich Inspector: Chris Torelli Rig Type: Foremost CT 250		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD		BORING/ WELL NO. MW-15	
		PROJECT NAME VALLEY FALLS PROJECT NUMBER 728726.01000		Sheet 2 of 2 Location Description: See map below	
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Date	4/9/96	Date/Time Start	12/19/95 11:15		
Time	1530	Date/Time Finish	12/19/95 17:00		
Mean From	TOC	FIELD IDENTIFICATION OF MATERIAL			
Sample Depth	Sample ID.	SPT Rec.	PID Reading		
18	A				
19					
20		4	100	SANDY SILT, grey; some clay, frix, wet, clean	
21	5			as above grading to	
22	3				
23	4				
24	5	100		SAND & GRAVEL, vf; some silt & the clay	
25	3			wet, till-like, loose	
26	A				
27					
28					
29					
30					
31					
32					
33	4			TD = 33.0'	
SAMPLING METHOD SS = SPLIT SPOON A = AUGER CUTTINGS C = CORED				METHODS: 6 1/4" HSA, HQ, NO COATING	

Contractor: <u>American Auger</u> Driller: <u>John Pietrich</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>Foremost CT250</u>		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>72 8726 - 01000</u>				BORING/ WELL NO. MW-1D Sheet <u>1</u> of <u>3</u> Location Description: <u>see map below</u>																																																																																																																																																																																																																																																																																																																																																																									
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				<p>SANDY SILT, vf, dk brn; trace gravel, moist, clean, top soil</p> <p>SILTY CLAY, brn-tan; little f sand, v. moist, clear, plastic</p> <p>SAND + GRAVEL, f-med; trace brn silt, clean, moist</p> <p>as above, wet, clean</p> <p>CLAYEYSILT, tan; trace vf sand, wet, clean</p> <p>as above, plastic, wet, clean</p> <p>as above, grading to grey</p> <p>CLAY, grey, little silt, plastic, clean, sticky</p> <p>as above, grey-brn</p>																																																																																																																																																																																																																																																																																																																																																																											
SAMPLING METHOD SS = SPLIT SPOON A = AUGER CUTTINGS C = CORED		COMMENTS: METHODS: 6 1/4" HSA, HQ, NO COATING																																																																																																																																																																																																																																																																																																																																																																													

Contractor: <u>American Auger</u> Driller: <u>John Pietrich</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>Foremost CT250</u>				PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>72 8726 . 01000</u>				BORING/WELL NO. <u>MW- 1D</u> Sheet <u>2</u> of <u>3</u> Location Description: <u>see map below</u>			
GROUNDWATER OBSERVATIONS											
Water Level	859			Weather <u>clear 0°</u>				Location Plan 			
Date	4/14/95			Date/Time Start <u>12/13/95 8:15</u>							
Time	1600			Date/Time Finish <u>12/19/95 10:40</u>							
Mean From	TOL			FIELD IDENTIFICATION OF MATERIAL				SCHEMATIC			
Sample # Depth	Sample ID.	Depth	% Rec.	FID	Reading					COMMENTS	
1		18									
1		100									
1		19									
2											
3		20									
1		50									
2		21									
3		22									
2		50									
1		23									
2											
4		24									
3		25									
7		25									
2											
3		26									
7		10									
7		27									
13											
15		28									
3		10									
5		29									
2											
6		30									
27		50									
22		31									
27											
35		32									
26		40									
50 1/2"		33									
RB											
		34									
		35									
		36									
4	LOSS OF 4 1/2"	37	'REC	ROD							
C	NME	46	74								
		38									
SAMPLING METHOD SS = SPLIT SPOON A = AUGER CUTTINGS C = CORED				METHODS: <u>6 1/4" HSA, HQ, NO COATING</u>							

Contractor: <u>American Auger</u> Driller: <u>John Pietrich</u> Inspector: <u>Chris Torell</u> Rig Type: <u>Farmost CT250</u>		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>72 8726 - 01000</u>		BORING/ WELL NO. MW-10 Sheet <u>3</u> of <u>3</u> Location Description: <u>see map below</u>	
GROUNDWATER OBSERVATIONS Water Level <u>8.59</u> Date <u>4/19/96</u> Time <u>1600</u> Mean From <u>TDC</u>		Weather <u>0° clear</u> Date/Time Start <u>12/13/95 8:15</u> Date/Time Finish <u>12/19/95 10:40</u>		Location Plan 	
Sample SPT Depth LD. Depth Rec. Reading		FIELD IDENTIFICATION OF MATERIAL		SCHEMATIC  COMMENTS	
C LOW 39 *rec RRD 40 41 42 NONE 60 86 43 44 45 46 NONE 47 60 75 48 49 50 51 NONE 52 30 0 53 54 55 NONE 56 30 0 57 58 59 60 61 62 RB ↓ 63		SHALE as above as above as above, fractured as above		open hole, 37-63	
				TD = 63.0	
SAMPLING METHOD SS = SPLIT SPOON A = AUGER CUTTINGS C = CORED		COMMENTS: <u>METHODS: 6 1/4" HSA, HQ NO COATING</u>			

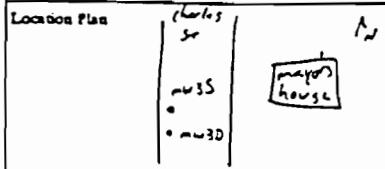
PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD				BORING/ WELL NO. MW-2S			
Contractor: <u>American Auger</u>	Driller: <u>John Pietrich</u>	Inspector: <u>Chris Torelli</u>	Project Name: <u>VALLEY FALLS</u>	Sheet <u>1</u> of <u>1</u> Location Description: <u>see map below</u>			
Rig Type: <u>Farmost CT 250</u>	Project Number: <u>72 8726 .01000</u>						
GROUNDWATER OBSERVATIONS							
Water Level	<u>7.55</u>			Weather <u>SUNNY, 25°</u>			
Date	<u>4/19/96</u>			Date/Time Start <u>4/19/96 14:30</u>			
Time	<u>900</u>			Date/Time Finish <u>4/19/96 17:00</u>			
Meas. From	<u>TOC</u>						
Sample Depth	Sample ID.	SPT Rec.	PID Reading	FIELD IDENTIFICATION OF MATERIAL		SCHEMATIC	COMMENTS
+3							
+2							
+1							
0 A							
1							
2							
3							
4							
5							
6							
7		3	50	SAND + GRAVEL, brn, 1. Hc silt, wet, clean			
8		3					
9		7					
						TD=9'	
SAMPLING METHOD SS = SPLIT SPOON A = AUGER CUTTINGS C = CORED				METHODS: <u>6 1/4" HSA, HQ, NO COATING</u>			



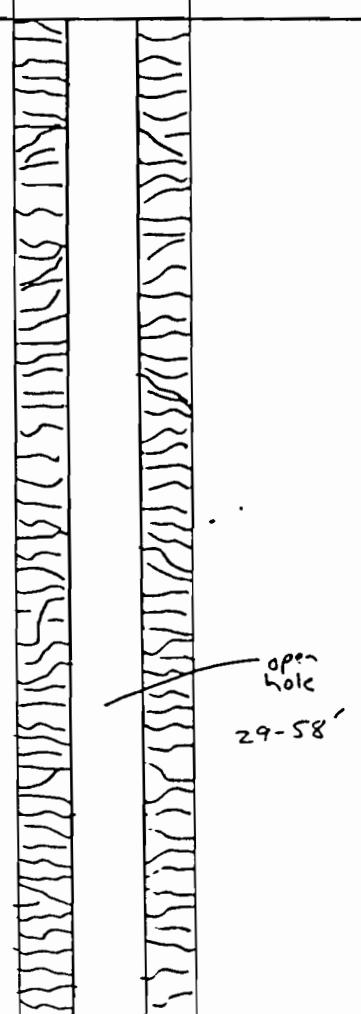
Contractor: <u>American Auger</u> Driller: <u>John Pietrich</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>Foremost CT 250</u>		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD				BORING/WELL NO. MW-2D	
		PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>72 8726 . 01000</u>				Sheet <u>1</u> of <u>3</u> Location Description: <u>seems to below</u>	
GROUNDWATER OBSERVATIONS							
Water Level	17.28					Weather <u>Sunny 25°</u> Date/Time Start <u>4/19/96 7:30</u> Date/Time Finish <u>4/10/96 12:10</u>	
Date	<u>4/11/96</u>						
Time	<u>730</u>						
Mass. From	<u>TOL</u>						
Sample Depth	Sample ID.	SPT	% Rec.	PID	Reading	FIELD IDENTIFICATION OF MATERIAL	
+3							
+2							
+1							
0		= 50				SANDY SILT, vf; little gravel, moist, clean, dk brn	
1	1					as above grading to	
2	3					↓	
3	3	50				SAND & GRAVEL, f-co, wet, clean	
4	4					as above, 1. Hc brn silt	
5	5					as above	
6	6					TILL, brn, hard, tight	
7	7					as above, grey	
8	8					no recovery	
9	9					as above	
10	10					as above, loose	
11	11					as above, grey	
12	12					Loose wet clean	
13	13					as above, grey	
14	14					as above, loose	
15	15					as above, grey	
16	16					as above, grey	
17	17					as above	
SAMPLING METHOD S = SPLIT SPOON A = AUGER CUTTINGS C = CORED		COMMENTS: METHODS: 6 1/4" HSA, HQ, NQ coring					

Contractor: <u>American Auger</u> Driller: <u>John Pietrich</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>Farm most CT 250</u>		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>72 8726 - 01000</u>				BORING/WELL NO. MW-2D Sheets <u>2</u> of <u>3</u> Location Description: <u>See map below</u>			
GROUNDWATER OBSERVATIONS									
Water Level	17.28					Weather <u>Sunny 25°</u>			
Date	4/11/96					Date/Time Start <u>4/19/96 7:30</u>			
Time	730					Date/Time Finish <u>4/10/96 12:10</u>			
Mean From	TOC								
Sample Depth	Sample LD.	SPT	% Rec.	PIID Reading	FIELD IDENTIFICATION OF MATERIAL			SCHEMATIC	COMMENTS
18	7				TILL, as above				
	4								
19	7								
	6								
20	7				as above, getting tight, hard				
	9								
21	13								
	50/4°								
22	A								
	50/2°								
23	BB				PEARL ROCK				
					Rollerbit, no samples				
24									
25									
26	Loss of water	REC	RAD		SHALE, black, grey, calcareous, slightly deformed, some quartz stringers ⊥ to bedding				
	NONE	C	36	100					
27									
28									
29	NONE	60	91		as above				
30									
31									
32									
33									
34	NONE	60	100		as above				
35									
36									
37									
38									
SAMPLING METHOD S = SPLIT SPOON A = AUGER CUTTINGS C = CORED		COMMENTS: METHODS: <u>6 1/4" HSA, HQ, NO COATING</u>							

Contractor: <u>American Auger</u> Driller: <u>John Pechtch</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>Foremost CT 250</u>		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD				BORING/ WELL NO. MW-2D		
		PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>728726.01000</u>				Sheet <u>3</u> of <u>3</u> Location Description: <u>see map below</u>		
GROUNDWATER OBSERVATIONS								
Water Level	17.28				Weather	Sunny 25°		
Date	4/10/96				Date/Time Start	4/9/96 7:30		
Time	730				Date/Time Finish	4/10/96 12:10		
Micra From	TOC							
Sample Depth	Sample ID.	SPT Rec	% Penetration		FIELD IDENTIFICATION OF MATERIAL		SCHEMATIC	COMMENTS
39	LOW	C	"REC	RAD	SHALE, as above			
	NONE		60"	76				open hole 26-56'
40								
41								
42								
43								
44	NONE	12	60		as above			
45	NONE	48	82		as above			
46								
47								
48								
49	NONE	60	100		as above			
50								
51								
52								
53								
54	NONE	24	90		as above			
55								
56							TD=56'	
SAMPLING METHOD SS = SPLIT SPOON A = AUGER CUTTINGS C = CORED		COMMENTS: <u>METHODS: 6 1/4" HSA, HQ, NO COING</u>						

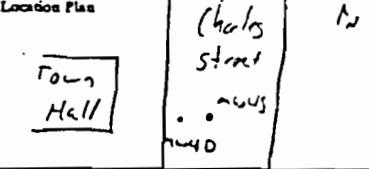
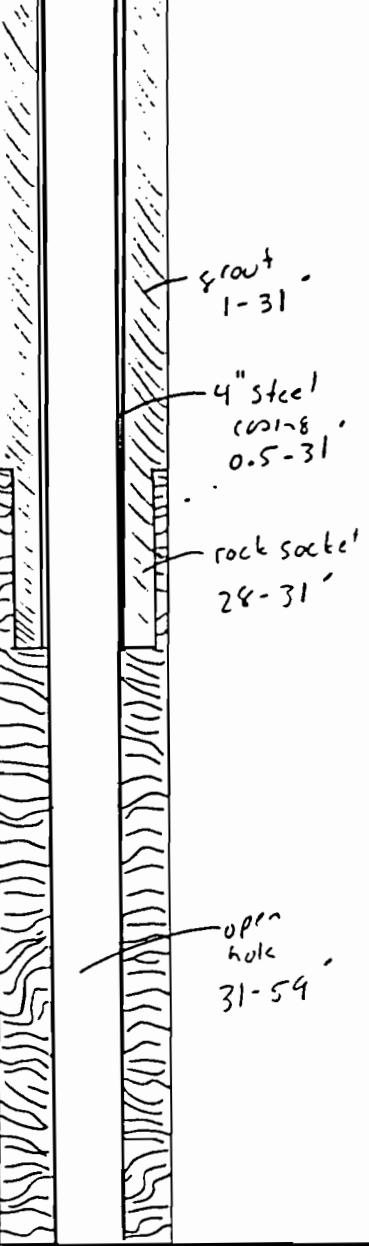
Contractor: <u>American Auger</u> Driller: <u>John Pietrich</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>Farm most CT 250</u>		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD				BORING/WELL NO. MW-3D Sheet <u>1</u> of <u>3</u> Location Description: <u>See map below</u>			
		PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>72 8726 . 01000</u>							
GROUNDWATER OBSERVATIONS		Weather <u>Sunny 32°</u> Date/Time Start <u>4/14/96 8:45</u> Date/Time Finish <u>4/15/96 ± 10:00</u>				Location Plan 			
Water Level	3291								
Date	4/10								
Time	8:32								
Mean From	TOC								
Sample Depth	Sample LD.	SPT	% Rec.	PID Reading	FIELD IDENTIFICATION OF MATERIAL			SCHEMATIC	COMMENTS
0		4	50		SANDY SILT, dk brn, vf				flushment
1		5							expandable cap
		4							
2		9			SAND+GRAVEL, f-md, brn, clean -ct				
		8	50						
3		7							
		5							
4		7							
		2	25						
5		3							
		4							
6		4							
		5	100						
7		5	.						
		18			TILL, brn, sand, wet, clst.				
8		32			as above, vv -ct				
		28	50						
9		5 1/2"							
		A							
10		A							
		27	50						
11		50 1/2"							
		A							
12		A							
13		A							
		A							
14		A							
		A							
15		A							
		23	50		as above, gray, vv hard + tight				
16		50 1/2"							
		A							
17		A							
		A							
18		A							
		A							
19		A							
		A							
20		A							
SAMPLING METHOD		COMMENTS:				METHODS: <u>6 1/4" HSA, HQ, NO COATING</u>			
SS = SPLIT SPOON									
A = AUGER CUTTINGS									
C = CORED									

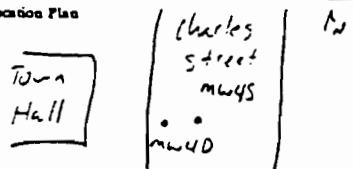
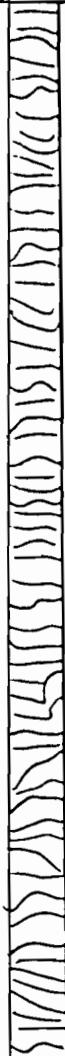
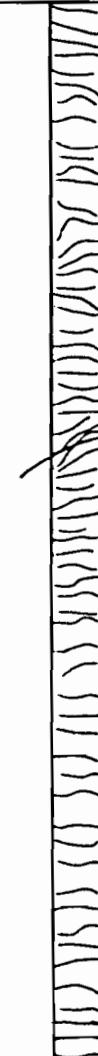
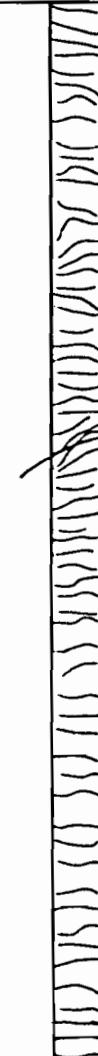
Contractor: American Auger Driller: John Pritch Inspector: Chris Torelli Rig Type: Foremost CTZ50		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>72-8726-01000</u>					BORING/WELL NO. MW-3D Sheet <u>2</u> of <u>3</u> Location Description: <u>see map below</u>		
GROUNDWATER OBSERVATIONS									
Water Level	32 81				Weather	Sunny 72°			
Date	4/10				Date/Time Start	4/4/96 8:45			
Time	9 32				Date/Time Finish	4/5/96 10:00			
Mean From	TOL								
Sample Depth	Sample LD.	SPT Rec.	%	PID Reading	FIELD IDENTIFICATION OF MATERIAL				
21	38				as above, bedrock frags				
22	50 4"								
23	A								
24	A								
25	50 4"				as above				
26	A								
27	A								
28	R.P.				BEDROCK roller bit, no sample				
29	LOSSUDIM	FEEL ROD							
	NONE	C	36	100	SHALE, green black, calcarous, occ quartz stringers				
30					I to bedding, occ weathered zones				
31									
32									
33	NONE	60	90		as above				
34									
35									
36									
37									
38	NONE	60	90		no above				
39									
40									
41									
SAMPLING METHOD		COMMENTS:					METHODS: 6 1/4" HSA, HQ, NO COATING		
SS = SPLIT SPOON									
A = AUGER CUTTINGS									
C = CORED									

Contractor: <u>American Auger</u> Driller: <u>John Pietrich</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>Foremost CT250</u>		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD				BORING/WELL NO. MW-3 D	
		PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>72 8726 - 01000</u>				Sheet <u>?</u> of <u>3</u> Location Description: <u>See map</u> <u>below</u>	
GROUNDWATER OBSERVATIONS							
Water Level	<u>32 81</u>					Weather <u>Sunny 32°</u>	
Date	<u>4/10</u>					Date/Time Start <u>4/14/96 8:45</u>	
Time	<u>8:10</u>					Date/Time Finish <u>4/15/96 10:00</u>	
Mean From	<u>TUC</u>						
Sample Depth	Sample ID.	SPT	% Rec.	PID	FIELD IDENTIFICATION OF MATERIAL		
		C					
42							
43	NONE	18	90		as above		
44					as above		
45	NONE	60	95				
46							
47							
48							
49			.				
50	NONE	60	100		as above		
51							
52							
53							
54							
55	NONE	48	78		as above		
56							
57							
58							
					TD = 58.0' 		
SAMPLING METHOD LS = SPLIT SPOON A = AUGER CUTTINGS C = CORED		COMMENTS: METHODS: <u>6 1/4" HSA, HQ, NO COING</u>					

Contractor: <u>American Auger</u> Driller: <u>John Petrich</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>Farmast CT 250</u>		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD				BORING/WELL NO. MW-45	
		PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>728726-01000</u>				Sheet <u>1</u> of <u>1</u> Location Description: <u>See map below</u>	
GROUNDWATER OBSERVATIONS							
Water Level	5.82					Weather <u>35° sunny</u> Date/Time Start <u>4/13/96 14:40</u> Date/Time Finish <u>4/13/96 16:00</u>	
Date	4/10						
Time	1500						
Mean From	TOL						
Sample Depth	Sample ID.	SPT	% Rec.	PID	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0	A						
1					SEE MW4D		flush mount expandable CCP
2							grout 0-3'
3							4" id PVC riser 0.5-6"
4							bentonite pellets 3-5"
5							sand pack 5-11'
6							
7							
8							
9							
10					SAND + GRAVEL, f-co, 5rn, l,H/c silt		4" id, 0.01" slot PVC wire-wrap cable 6-11'
11	8				TILL, grey, moist tight	TD=11'	
12							
13							
SAMPLING METHOD		METHODS: <u>6 1/4" HSA, HQ, NQ CORING</u>					
SS = SPLIT SPOON							
A = AUGER CUTTINGS							
C = CORED							

Contractor: <u>American Auger</u> Driller: <u>John Petrich</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>Farmost CT 250</u>		PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>72 8726 - 01000</u>				BORING/WELL NO. MW-40 Sheet <u>1</u> of <u>3</u> Location Description: <u>see map below</u>		
GROUNDWATER OBSERVATIONS								
Water Level	33.96					Weather <u>45° Sunny</u> Date/Time Start <u>4/12/96 10:00</u> Date/Time Finish <u>4/13/96 12:20</u>		
Date	4/10							
Time	1600							
Moist From	TOL							
Sample Depth	Sample I.D.	SPT	% Rec.	PID Reading	FIELD IDENTIFICATION OF MATERIAL		SCHEMATIC	COMMENTS
0		7	25		SANDY SILT, lf. Hl cinders, brn black, clean, moist			flush mount
1		4						expandable cap
		6						4" steel
2		8			SAND + GRAVEL, f-co, brn, clean, v moist			casing
3		9	50					0.5-31'
4		11						
5		7			as above, v v moist			
6		5						
7		4	25		as above, wet			
8		7						
9		5			as above			
10		6						
11		11	100		as above			
12		7						
13		6			CLAY; lf. Hl silt, sand, gravel, brn light, wet			
14		8			as above, grey			
15		8						
16		9	25		TILL, grey, moist, clean			
17		19						
18		27						
19		17						
20		11	25					
		15						
		19						
		28						
		19	50		as above, v + light or hard, clean			
		22						
		31						
		100						
		50	10		as above, rocky, dry - moist, v hard			
		50/?						
		A						
		4						
SAMPLING METHOD				METHODS: <u>6 1/4" HSA, HQ, NA COING</u>				
SS = SPLIT SPOON								
A = AUGER CUTTINGS								
C = CORED								

Contractor: <u>American Auger</u> Driller: <u>John Petrich</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>Foremost CT 250</u>				PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>72 8726 . 01000</u>				BORING/ WELL NO. MW-4D Sheet <u>2</u> of <u>3</u> Location Description: <u>as soon below</u>			
GROUNDWATER OBSERVATIONS Water Level <u>33.96</u> Date <u>4/10</u> Time <u>1600</u> Mean From <u>TOL</u>				Weather <u>45° Sunny</u> Date/Time Start <u>4/12/96 10:00</u> Date/Time Finish <u>4/13/96 12:20</u>							
Sample Sample SPT % Rec. PID Depth I.D. 21 50' 39 20 A 22 A 13 50 23 15 24 23 50' 50 25 50' 38 50 A 26 A 2 0 27 3 5 28 18 RB 29 30 31 Grnd. 7 "EEC RGD none C 46 96 32 33 34 35 36 none 60 85 37 38 39 40 41 none 23 22				FIELD IDENTIFICATION OF MATERIAL Till, as above as above as above as above slough, no sample recovery BEDROCK at 28' roller bit, no samples as above as above as above, slightly fissile				SCHEMATIC 	COMMENTS <u>METHODS: 6 1/4" HSA, HQ, NO CORING</u>		
SAMPLING METHOD SS = SPLIT SPOON A = AUGER CUTTINGS C = CORED											

Contractor: <u>American Auger</u> Driller: <u>John Pritch</u> Inspector: <u>Chris Torelli</u> Rig Type: <u>For most CTZ50</u>				PARSONS ENGINEERING SCIENCE, INC. DRILLING RECORD PROJECT NAME <u>VALLEY FALLS</u> PROJECT NUMBER <u>72 8726 - 01000</u>				BORING/WELL NO. MW-4D Sheet <u>3</u> of <u>3</u> Location Description: <u>S3 = sec 62/aw</u>			
GROUNDWATER OBSERVATIONS				Weather <u>45° Sunny</u> Date/Time Start <u>4/2/96 10:00</u> Date/Time Finish <u>4/3/96 12:20</u>				Location Plan 			
Sample Sample SPT TS PID Depth ID. LD. Rec. Reading				FIELD IDENTIFICATION OF MATERIAL				SCHEMATIC		COMMENTS	
				<p><i>as above, very consistent</i></p>							
42 43 44 <u>none</u> 24 100 45 <u>none</u> 60 80 46 47 48 49 . 50 <u>none</u> 41 39 51 52 53 54 <u>none</u> 60 35 55 56 57 58 59 ↓				<p><i>as above, occ weathered zones</i></p> <p><i>as above</i></p> <p><i>as above</i></p> <p><i>as above</i></p> <p><i>as above</i></p> <p><i>TD = 59.2'</i></p>							
Sampling Method SS = SPLIT SPOON A = AUGER CUTTINGS C = CORED				Comments: <u>METHODS: 6 1/4" HSA, HQ, NO COING</u>							

Appendix D

In-Situ Permeability Testing Methodology

Procedure:

- 1) Measure dimensions of the slug to be used to displace water in the monitor and predetermine volume of water which will be displaced and corresponding initial water level change which will occur by adding or removing the slug.
- 2) Record appropriate initial data using the data logger.
- 3) Clean water level meter probe and cable, and the slug and line, following standard decontamination procedures.
- 4) Measure the static water level in the monitor and record on the form (only monitors which have fully recovered to static level conditions should be tested). Determine the initial-response water level based on Step 1 and record on the form.
- 5) Set up data logger with precleaned (decontaminated) pressure transducer and cable. Insert transducer and allow static level to stabilize. Input necessary functions on logger including monitoring well identification, date, static level, etc.
- 6) Insert or withdraw the slug and activate the data logger. Continue test until $Hx/Ho > 0.37$.
- 7) Stop the data acquisition program, disassemble and clean testing equipment.

APPENDIX E
HYDRAULIC CONDUCTIVITY
TEST RESULTS

SLUGCOMP.XLS

S.J. Rossello, March 1988

Modified 6/10/92

Converted to EXCEL April, 1996

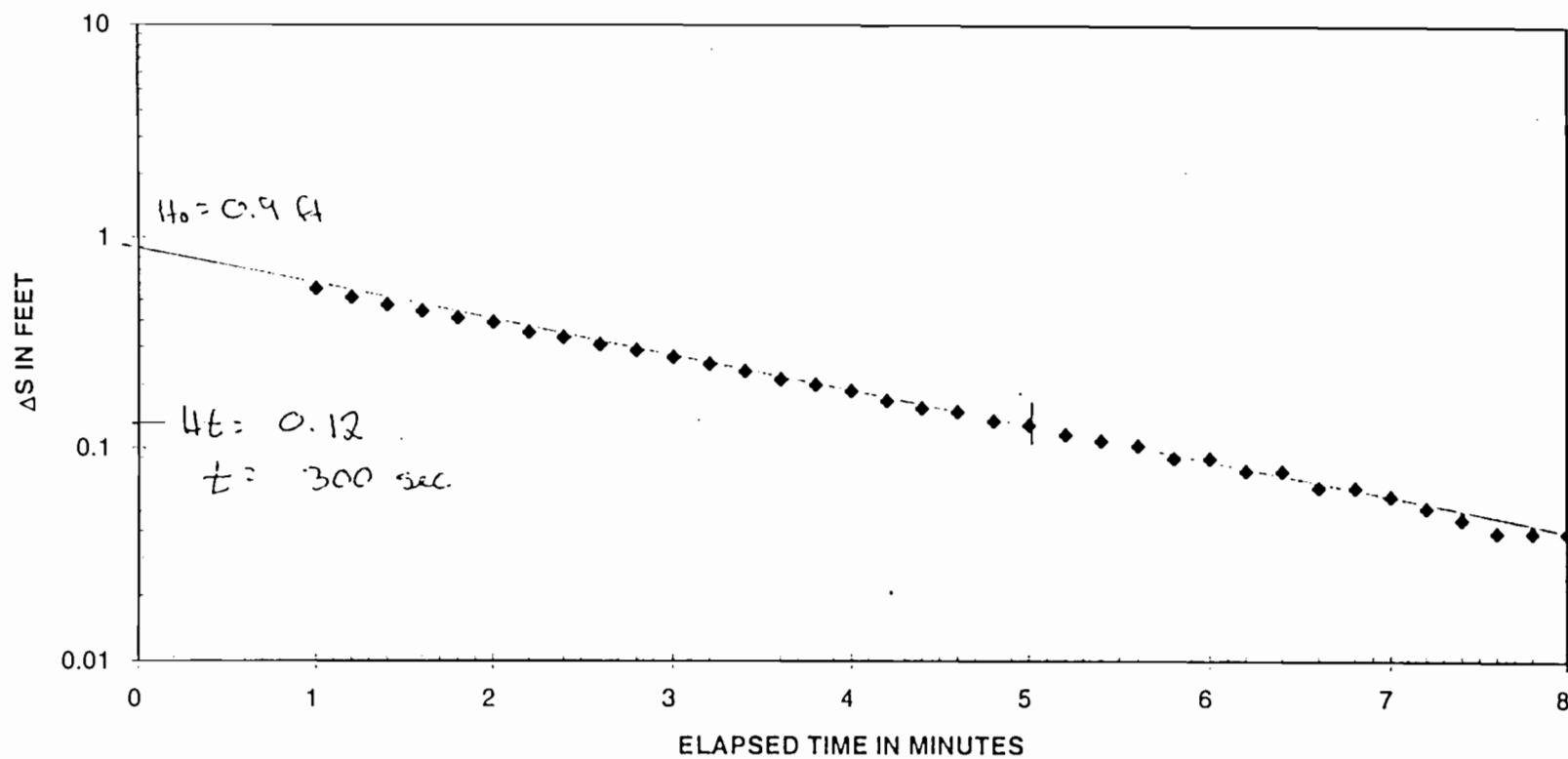
Project: NYSDEC - VALLEY FALLS					
Project No.: 728726.01000					
Well No.: MW-1S					
Test Date: 4/10/96					
Formation Tested: overburden					
Rising (R) or Falling (F) Head Test: rising					
Parameter	Units	Value	unit conversion (cm)	Slug test variables	
Stickup	ft	2.50	76.20		
Static Water Level	ft	5.92	180.44	104.24	SW
Depth to bottom of screen (from ground level)	ft	33.00	1005.84	901.60	H
Boring Diameter	in	12.00	30.48	701.04	Ts
Casing Diameter	in	4.00	10.16	5.08	Rw
Screen Diameter	in	4.00	10.16	5.08	Rc
Screen Length	ft	10.00	304.80	10.16	DS
Depth to Boundary	ft	33.00	1005.84	304.80	L
Delta H at time 0 (Y0)	ft	0.90	27.43	27.43	H0 (Y0)
Delta H at Time t (Yt)	ft	0.12	3.66	3.66	Ht (Yt)
Time	sec	300		300.00	t
Ratio Kh/Kv		1		1.00	M
Porosity of Filter Pack		0.3		0.30	P
RESULTS		cm/sec	m/sec	ft/day	
K (Bouwer-Rice)		1.1E-03	1.09E-05	3.1	

REFERENCES:

- Herman Bouwer, 1989. "The Bouwer and Rice Slug Test - An Update". Ground Water vol. 27, no. 3, May-June 1989.
- H. Bouwer, and R.C. Rice. 1976. A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers Completely or Partially Penetrating Wells". Water Resources Research. vol 12, no. 3, June 1976.
- M.J. Hvorslev, 1951. Time lag and soil permeability in groundwater observations. U.S. Army Corps Engineers Waterways Station, Vicksburg, MS. Bulletin 36.

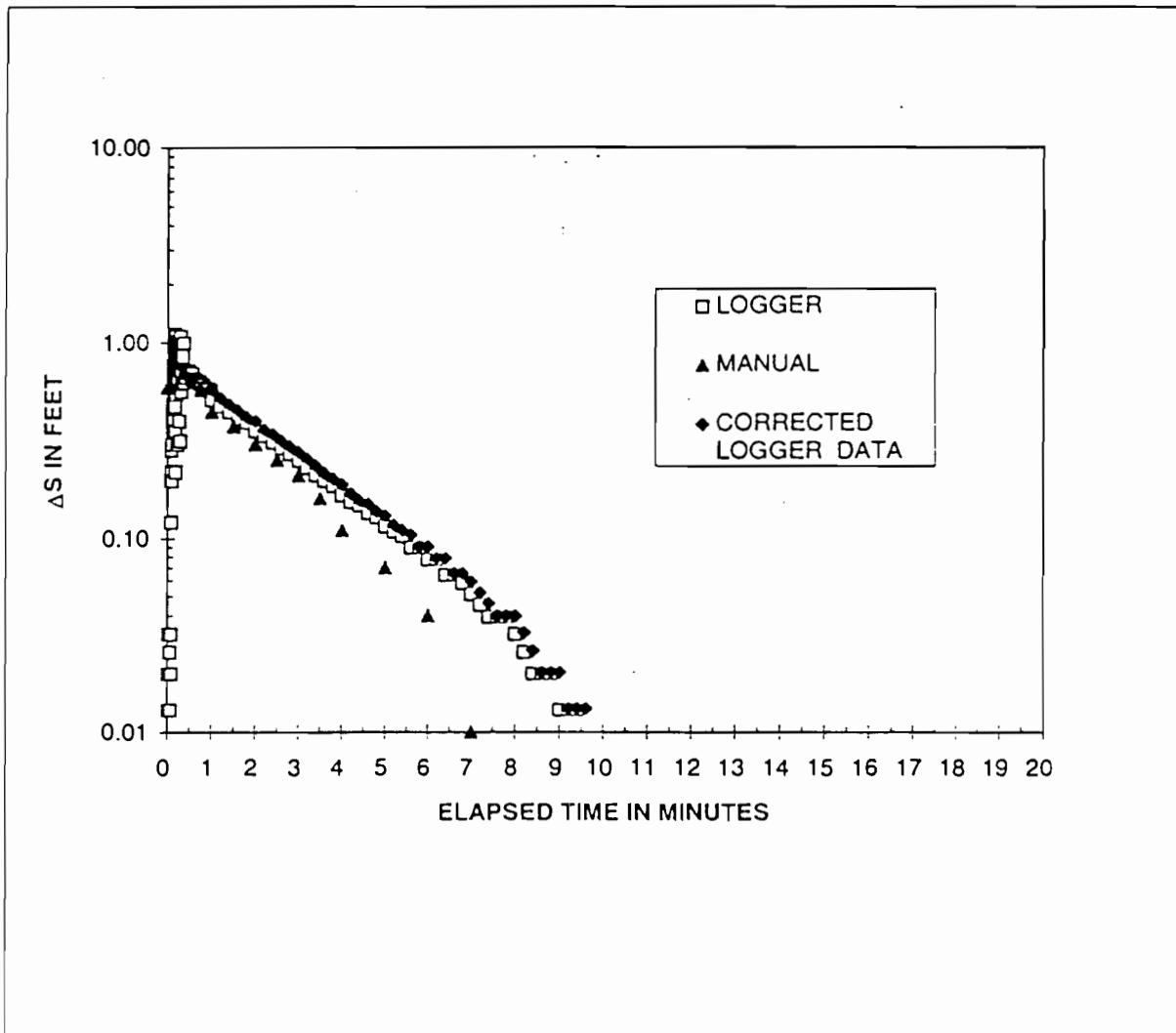
NYSDEC - VALLEY FALLS

MW-1S CORRECTED LOGGER DATA



MW-1S
MANUAL VS TRANSDUCER READINGS

MIN	SEC	DEPTH TO WATER (FT)	ELAPSED TIME (MIN)	ΔS (FT)
27	00	5.92	0.00	0.00
27	45	5.33	0.75	0.59
28	00	5.35	1.00	0.57
28	30	5.48	1.50	0.44
29	00	5.55	2.00	0.37
29	30	5.62	2.50	0.30
30	00	5.67	3.00	0.25
30	30	5.71	3.50	0.21
31	00	5.76	4.00	0.16
32	00	5.81	5.00	0.11
33	00	5.85	6.00	0.07
34	00	5.88	7.00	0.04
35	00	5.91	8.00	0.01



ENGINEERING-SCIENCE, INC.
290 ELWOOD DAVIS ROAD
SUITE 312
LIVERPOOL, NY 13088

Page ____ of ____

Client: NYSDEC
Location: VALLEY FALLS

AQUIFER TEST DATA FORM Well No.: MWIS Job No.: _____

Measuring Point (+/- LS) ____ ft.

Data Logger Test No. 0Depth - Total (TOC) 33.7 ft.Casing Diameter 4 in.Data Logger Input No. 1

Depth to Screen Top (TOC) ____ ft.

Borehole Diameter ____ in.

Depth to Screen Bottom (TOC) ____ ft.

Depth to Transducer (TOC) ____ ft.

OBSERVATION WELLS

Name													
Radius													

YR	Month	Day	HR	MN	SC	Depth to Water (TOC)	(gpm)	s	COMMENTS
96	4	9	15	10	00	5.92			
				27	00	5.92			START TEST
.					30	45	5.33		
				28	00	5.35			
					30	5.48			
				29	00	5.55			
					30	5.62			
					30	00	5.67		
						30	5.71		
					31	00	5.76		
					32	00	5.81		
					33	00	5.85		
					34	00	5.88		
					35	00	5.91		
					34	00			

SE1000C
Environmental Logger
04/11 12:34

Unit# 00549 Test 0

Setups: INPUT 1

Type	Level (F)
Mode	TOC
I.D.	00032

Reference	5.92	5.92
Linearity	0.010	
Scale factor	20.140	
Offset	0.010	
Delay mSEC	50.000	

CORRECTION		
Step 0	04/11 08:56:29	0.007686829

MW-1S LOGGER DATA

Elapsed Time	INPUT 1	ΔS	(FT)	CORRECTED ΔS
0	5.9	0.02	0.020357143	
0.0033	5.9	0.02	0.020357143	
0.0066	5.9	0.02	0.020357143	
0.01	5.9	0.02	0.020357143	
0.0133	5.9	0.02	0.020357143	
0.0166	5.9	0.02	0.020357143	
0.02	5.9	0.02	0.020357143	
0.0233	5.907	0.01	0.013232143	
0.0266	5.888	0.03	0.032571429	
0.03	5.9	0.02	0.020357143	
0.0333	5.9	0.02	0.020357143	
0.0366	5.907	0.01	0.013232143	
0.04	5.9	0.02	0.020357143	
0.0433	5.907	0.01	0.013232143	
0.0466	5.9	0.02	0.020357143	
0.05	5.9	0.02	0.020357143	
0.0533	5.9	0.02	0.020357143	
0.0566	5.907	0.01	0.013232143	
0.06	5.894	0.03	0.026464286	
0.0633	5.92			
0.0666	5.9	0.02	0.020357143	
0.07	5.907	0.01	0.013232143	
0.0733	5.913	0.01	0.007125	
0.0766	5.92			
0.08	5.888	0.03	0.032571429	

MW-1S LOGGER DATA

Elapsed Time	INPUT 1	ΔS	(FT)	CORRECTED ΔS
0.0833	5.939			
0.0866	5.9	0.02	0.020357143	
0.09	5.799	0.12	0.123160714	
0.0933	5.64	0.28	0.285	
0.0966	5.703	0.22	0.220875	
0.1	5.723	0.20	0.200517857	
0.1033	5.506	0.41	0.421392857	
0.1066	5.621	0.30	0.304339286	
0.11	5.487	0.43	0.440732143	
0.1133	5.557	0.36	0.369482143	
0.1166	5.455	0.47	0.473303571	
0.12	5.443	0.48	0.485517857	
0.1233	5.246	0.67	0.686035714	
0.1266	5.506	0.41	0.421392857	
0.13	5.487	0.43	0.440732143	
0.1333	5.157	0.76	0.776625	
0.1366	5.284	0.64	0.647357143	
0.14	5.284	0.64	0.647357143	
0.1433	5.265	0.66	0.666696429	
0.1466	4.96	0.96	0.977142857	
0.15	5.144	0.78	0.789857143	
0.1533	5.525	0.40	0.402053571	
0.1566	5.157	0.76	0.776625	
0.16	4.807	1.11	1.132875	
0.1633	5.01	0.91	0.92625	
0.1666	5.004	0.92	0.932357143	
0.17	5.074	0.85	0.861107143	
0.1733	5.068	0.85	0.867214286	
0.1766	5.449	0.47	0.479410714	
0.18	5.57	0.35	0.35625	
0.1833	4.877	1.04	1.061625	
0.1866	4.871	1.05	1.067732143	
0.19	5.703	0.22	0.220875	
0.1933	5.036	0.88	0.899785714	
0.1966	4.839	1.08	1.100303571	
0.2	5.278	0.64	0.653464286	
0.2033	5.379	0.54	0.550660714	
0.2066	5.157	0.76	0.776625	
0.21	5.061	0.86	0.874339286	
0.2133	5.15	0.77	0.78375	
0.2166	5.074	0.85	0.861107143	
0.22	5.131	0.79	0.803089286	
0.2233	5.099	0.82	0.835660714	
0.2266	5.169	0.75	0.764410714	
0.23	5.621	0.30	0.304339286	

MW-1S LOGGER DATA

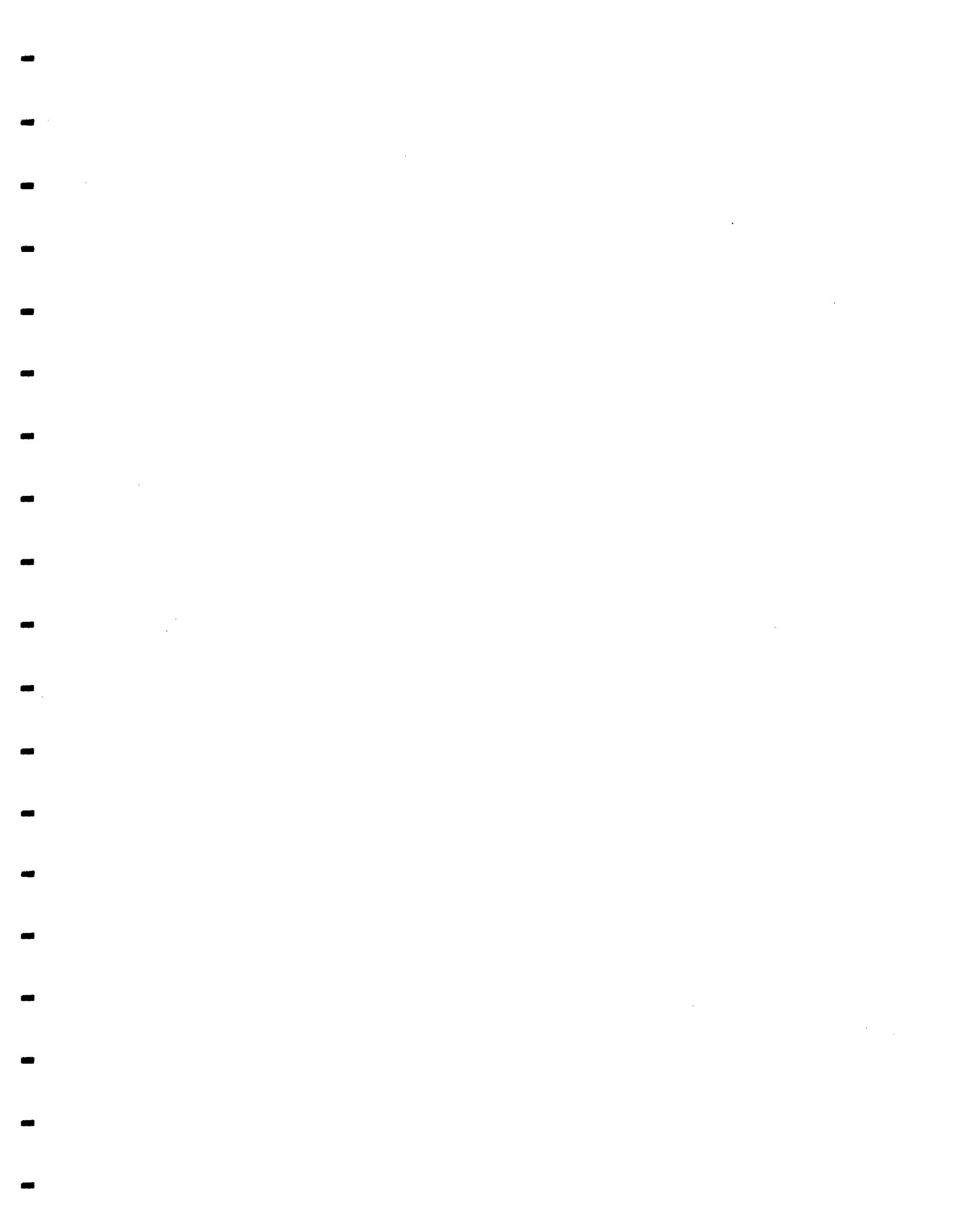
Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.2333	4.998	0.92	0.938464286
0.2366	4.896	1.02	1.042285714
0.24	5.029	0.89	0.906910714
0.2433	5.176	0.74	0.757285714
0.2466	5.258	0.66	0.673821429
0.25	5.144	0.78	0.789857143
0.2533	5.157	0.76	0.776625
0.2566	5.15	0.77	0.78375
0.26	5.195	0.73	0.737946429
0.2633	5.182	0.74	0.751178571
0.2666	5.055	0.87	0.880446429
0.27	5.525	0.40	0.402053571
0.2733	5.176	0.74	0.757285714
0.2766	5.087	0.83	0.847875
0.28	4.921	1.00	1.016839286
0.2833	5.15	0.77	0.78375
0.2866	5.176	0.74	0.757285714
0.29	5.125	0.80	0.809196429
0.2933	5.169	0.75	0.764410714
0.2966	5.608	0.31	0.317571429
0.3	5.131	0.79	0.803089286
0.3033	5.163	0.76	0.770517857
0.3066	4.985	0.94	0.951696429
0.31	4.845	1.08	1.094196429
0.3133	5.099	0.82	0.835660714
0.3166	5.36	0.56	0.57
0.32	5.309	0.61	0.621910714
0.3233	5.163	0.76	0.770517857
0.3266	5.214	0.71	0.718607143
0.33	5.08	0.84	0.855
0.3333	5.131	0.79	0.803089286
0.35	5.093	0.83	0.841767857
0.3666	5.068	0.85	0.867214286
0.3833	4.921	1.00	1.016839286
0.4	5.297	0.62	0.634125
0.4166	5.214	0.71	0.718607143
0.4333	5.258	0.66	0.673821429
0.45	5.201	0.72	0.731839286
0.4666	5.22	0.70	0.7125
0.4833	5.201	0.72	0.731839286
0.5	5.22	0.70	0.7125
0.5166	5.226	0.69	0.706392857
0.5333	5.226	0.69	0.706392857
0.55	5.233	0.69	0.699267857
0.5666	5.271	0.65	0.660589286

MW-1S LOGGER DATA

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.5833	5.233	0.69	0.699267857
0.6	5.265	0.66	0.666696429
0.6166	5.271	0.65	0.660589286
0.6333	5.278	0.64	0.653464286
0.65	5.284	0.64	0.647357143
0.6666	5.284	0.64	0.647357143
0.6833	5.29	0.63	0.64125
0.7	5.29	0.63	0.64125
0.7166	5.29	0.63	0.64125
0.7333	5.297	0.62	0.634125
0.75	5.303	0.62	0.628017857
0.7666	5.309	0.61	0.621910714
0.7833	5.316	0.60	0.614785714
0.8	5.316	0.60	0.614785714
0.8166	5.322	0.60	0.608678571
0.8333	5.322	0.60	0.608678571
0.85	5.328	0.59	0.602571429
0.8666	5.335	0.59	0.595446429
0.8833	5.335	0.59	0.595446429
0.9	5.341	0.58	0.589339286
0.9166	5.341	0.58	0.589339286
0.9333	5.347	0.57	0.583232143
0.95	5.347	0.57	0.583232143
0.9666	5.354	0.57	0.576107143
0.9833	5.354	0.57	0.576107143
1	5.36	0.56	0.57
1.2	5.411	0.51	0.518089286
1.4	5.449	0.47	0.479410714
1.6	5.481	0.44	0.446839286
1.8	5.513	0.41	0.414267857
2	5.532	0.39	0.394928571
2.2	5.57	0.35	0.35625
2.4	5.589	0.33	0.336910714
2.6	5.614	0.31	0.311464286
2.8	5.633	0.29	0.292125
3	5.652	0.27	0.272785714
3.2	5.672	0.25	0.252428571
3.4	5.691	0.23	0.233089286
3.6	5.71	0.21	0.21375
3.8	5.723	0.20	0.200517857
4	5.735	0.19	0.188303571
4.2	5.754	0.17	0.168964286
4.4	5.767	0.15	0.155732143
4.6	5.773	0.15	0.149625
4.8	5.786	0.13	0.136392857

MW-1S LOGGER DATA

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
5	5.792	0.13	0.130285714
5.2	5.805	0.12	0.117053571
5.4	5.812	0.11	0.109928571
5.6	5.818	0.10	0.103821429
5.8	5.831	0.09	0.090589286
6	5.831	0.09	0.090589286
6.2	5.843	0.08	0.078375
6.4	5.843	0.08	0.078375
6.6	5.856	0.06	0.065142857
6.8	5.856	0.06	0.065142857
7	5.862	0.06	0.059035714
7.2	5.869	0.05	0.051910714
7.4	5.875	0.04	0.045803571
7.6	5.881	0.04	0.039696429
7.8	5.881	0.04	0.039696429
8	5.881	0.04	0.039696429
8.2	5.888	0.03	0.032571429
8.4	5.894	0.03	0.026464286
8.6	5.9	0.02	0.020357143
8.8	5.9	0.02	0.020357143
9	5.9	0.02	0.020357143
9.2	5.907	0.01	0.013232143
9.4	5.907	0.01	0.013232143
9.6	5.907	0.01	0.013232143
9.8	5.913	0.01	0.007125
10	5.913	0.01	0.007125
12	5.926		



SLUGCOMP.XLS

S.J. Rossello, March 1988

Modified 6/10/92

Converted to EXCEL April, 1996

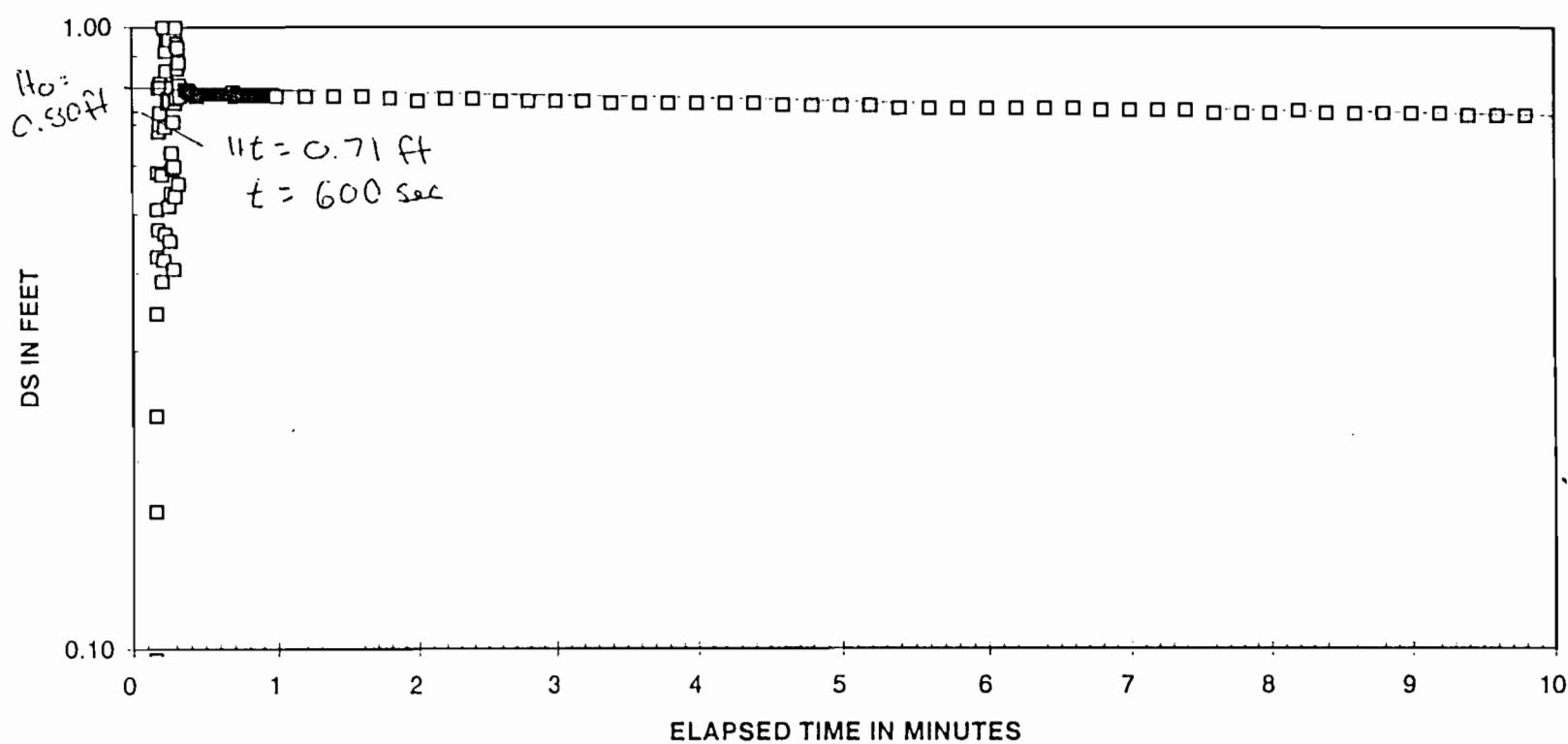
Project:	NYSDEC - VALLEY FALLS			
Project No.:	728726.01000			
Well No.:	MW-1D			
Test Date:	4/10/96			
Formation Tested:	rock			
Rising (R) or Falling (F) Head Test:	rising			
Parameter	Units	Value	unit conversion (cm)	Slug test variables
Stickup	ft	2.50	76.20	
Static Water Level	ft	8.59	261.82	185.62 SW
Depth to bottom of screen (from ground level)	ft	63.00	1920.24	1734.62 H 1127.76 Ts
Boring Diameter	in	4.00	10.16	5.08 Rw
Casing Diameter	in	4.00	10.16	5.08 Rc
Screen Diameter	in	4.00	10.16	10.16 DS
Screen Length	ft	26.00	792.48	792.48 L
Depth to Boundary	ft	63.00	1920.24	1734.62 D
Delta H at time 0 (Y0)	ft	0.80	24.38	24.38 H0 (Y0)
Delta H at Time t (Yt)	ft	0.71	21.64	21.64 Ht (Yt)
Time	sec	600		600.00 t
Ratio Kh/Kv		1		1.00 M
Porosity of Filter Pack				0.00 P
RESULTS		cm/sec	m/sec	ft/day
K (Hvorslev Time Lag)		1.6E-05	1.64E-07	4.66E-02
K (Hvorslev Variable Head)		1.6E-05	1.64E-07	4.64E-02

REFERENCES:

- Herman Bouwer, 1989. "The Bouwer and Rice Slug Test - An Update". Ground Water vol. 27, no. 3, May-June 1989.
- H. Bouwer, and R.C. Rice. 1976. A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers Completely or Partially Penetrating Wells". Water Resources Research. vol 12, no. 3, June 1976.
- M.J. Hvorslev. 1951. Time lag and soil permeability in groundwater observations. U.S. Army Corps Engineers Waterways Station, Vicksburg, MS. Bulletin 36.

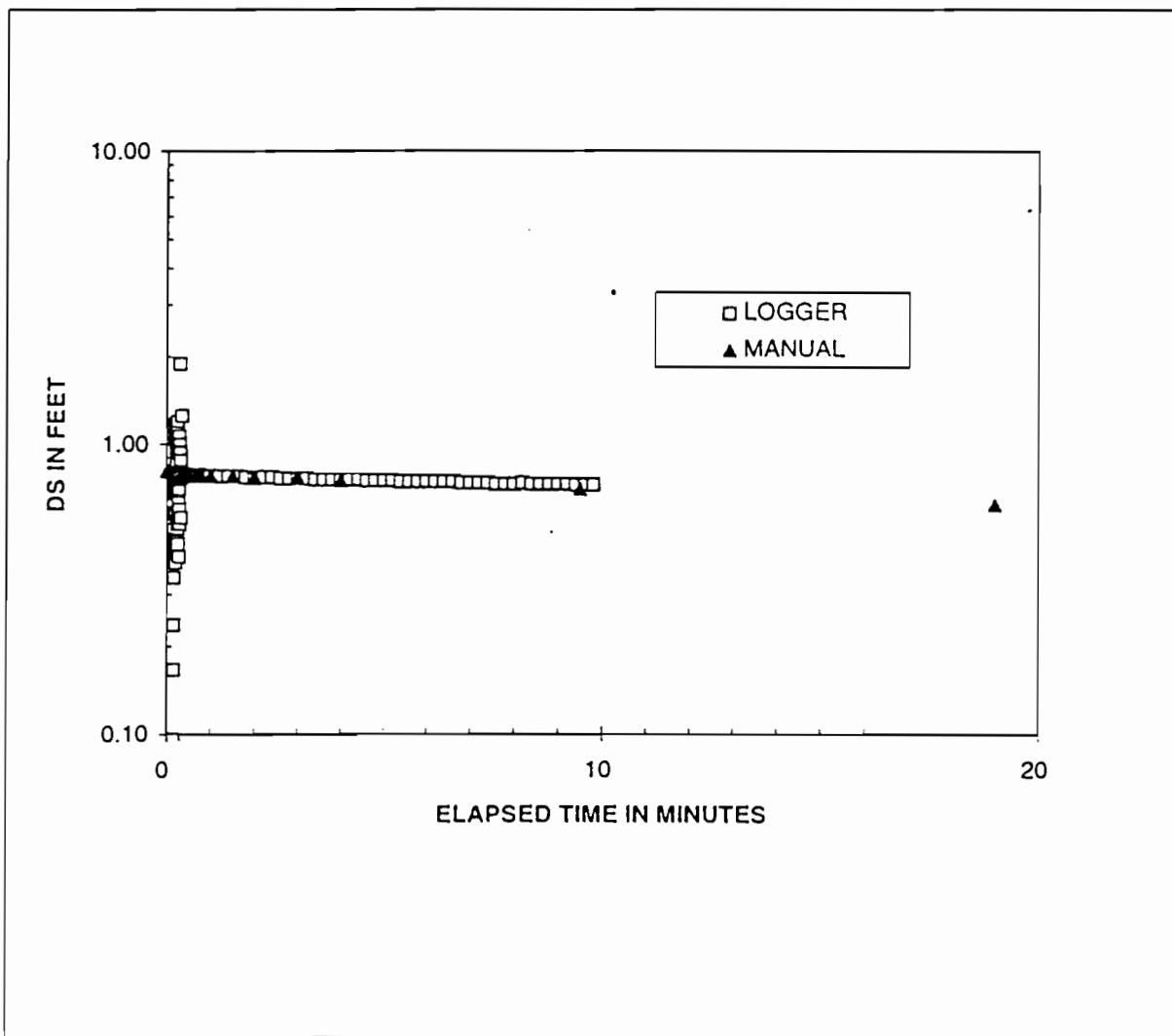
graph Chart 1

MW-1D CORRECTED LOGGER DATA



MW-1D
MANUAL VS TRANSDUCER READINGS

MIN	SEC	DEPTH TO WATER (FT)	ELAPSED TIME (MIN)	ΔS (FT)
50	00	8.59		0.00
55	00	8.52		0.07
59	00	8.52		0.07
01	00	8.52	0.00	0.00
01	45	7.71	0.75	0.81
02	00	7.73	1.00	0.79
02	30	7.74	1.50	0.78
03	00	7.74	2.00	0.78
04	00	7.75	3.00	0.77
05	00	7.75	4.00	0.77
10	30	7.77	9.50	0.75
20	00	7.82	19.00	0.70
40	00	7.90	39.00	0.62



ENGINEERING-SCIENCE, INC.
- 290 ELWOOD DAVIS ROAD
SUITE 312
LIVERPOOL NY 13088

Client: NYSDEC
Location: VALLEY FALLS

Measuring Point (+/- LS) ____ ft.
Casing Diameter: 4 in.
Borehole Diameter: ____ in.

AQUIFER TEST DATA FORM Well No.: **MWID** Job No.:

Well No.: MW1D Job No.:

Job No.:

Data Logger Test No.

Depth - Total (TOC) 65.0 ft.

Data Logger Input No. 1

Depth to Screen Top (TOC) _____ ft.

Depth to Screen Bottom (TOC) ____ ft.

Depth to Transducer (TOC) _____ ft.

OBSERVATION WELLS

SE1000C
Environmental Logger
04/11 12:34

Unit# 00549 Test 1

Setups: INPUT 1

Type Level (F)
Mode TOC
I.D. 00032

Reference 8.59
Linearity 0.010
Scale factor 20.140
Offset 0.010
Delay mSEC 50.000

Step 0 04/11 08:56:29

MW-1D LOGGER DATA
Elapsed Time INPUT 1

0.0000 8.520
0.0033 8.520
0.0066 8.520
0.0100 8.513
0.0133 8.520
0.0166 8.513
0.0200 8.520
0.0233 8.513
0.0266 8.513
0.0300 8.520
0.0333 8.513
0.0366 8.513
0.0400 8.520
0.0433 8.520
0.0466 8.513
0.0500 8.520
0.0533 8.520
0.0566 8.513
0.0600 8.520
0.0633 8.513
0.0666 8.520
0.0700 8.513
0.0733 8.513
0.0766 8.513
0.0800 8.513

MW-1D LOGGER DATA
Elapsed Time INPUT 1

0.0833 8.520
0.0866 8.513
0.0900 8.513
0.0933 8.513
0.0966 8.520
0.1000 8.520
0.1033 8.520
0.1066 8.520
0.1100 8.526
0.1133 8.520
0.1166 8.520
0.1200 8.520
0.1233 8.513
0.1266 8.520
0.1300 8.520
0.1333 8.520
0.1366 8.520
0.1400 8.520
0.1433 8.513
0.1466 8.520
0.1500 8.513
0.1533 8.520
0.1566 8.475
0.1600 8.424
0.1633 8.354
0.1666 8.284
0.1700 8.176
0.1733 8.094
0.1766 8.011
0.1800 7.935
0.1833 8.049
0.1866 7.719
0.1900 7.839
0.1933 7.820
0.1966 7.789
0.2000 7.706
0.2033 7.719
0.2066 8.132
0.2100 7.941
0.2133 7.344
0.2166 7.471
0.2200 8.100
0.2233 7.433
0.2266 7.522
0.2300 8.056
0.2333 7.827

MW-1D LOGGER DATA
Elapsed Time INPUT 1

0.2366	7.426
0.2400	7.604
0.2433	7.668
0.2466	7.566
0.2500	7.763
0.2533	7.750
0.2566	8.005
0.2600	7.318
0.2633	8.068
0.2666	7.566
0.2700	7.757
0.2733	7.979
0.2766	7.890
0.2800	7.928
0.2833	7.719
0.2866	8.926
0.2900	7.814
0.2933	7.458
0.2966	7.922
0.3000	7.986
0.3033	7.763
0.3066	6.638
0.3100	7.522
0.3133	7.750
0.3166	7.579
0.3200	7.661
0.3233	7.592
0.3266	7.960
0.3300	7.642
0.3333	7.712
0.3500	7.744
0.3666	7.267
0.3833	7.725
0.4000	7.725
0.4166	7.731
0.4333	7.738
0.4500	7.738
0.4666	7.744
0.4833	7.738
0.5000	7.738
0.5166	7.738
0.5333	7.738
0.5500	7.738
0.5666	7.738
0.5833	7.738
0.6000	7.738

MW-1D LOGGER DATA
Elapsed Time INPUT 1

0.6166	7.738
0.6333	7.738
0.6500	7.738
0.6666	7.738
0.6833	7.738
0.7000	7.738
0.7166	7.731
0.7333	7.744
0.7500	7.738
0.7666	7.738
0.7833	7.744
0.8000	7.738
0.8166	7.744
0.8333	7.744
0.8500	7.744
0.8666	7.744
0.8833	7.744
0.9000	7.738
0.9166	7.744
0.9333	7.738
0.9500	7.744
0.9666	7.744
0.9833	7.738
1.0000	7.744
1.2000	7.744
1.4000	7.744
1.6000	7.744
1.8000	7.744
2.0000	7.750
2.2000	7.757
2.4000	7.750
2.6000	7.750
2.8000	7.757
3.0000	7.757
3.2000	7.757
3.4000	7.757
3.6000	7.763
3.8000	7.763
4.0000	7.763
4.2000	7.763
4.4000	7.763
4.6000	7.763
4.8000	7.769
5.0000	7.769
5.2000	7.769
5.4000	7.769

MW-1D LOGGER DATA
Elapsed Time INPUT 1

5.6000 7.776
5.8000 7.776
6.0000 7.776
6.2000 7.776
6.4000 7.776
6.6000 7.776
6.8000 7.776
7.0000 7.782
7.2000 7.782
7.4000 7.782
7.6000 7.782
7.8000 7.789
8.0000 7.789
8.2000 7.789
8.4000 7.782
8.6000 7.789
8.8000 7.789
9.0000 7.789
9.2000 7.789
9.4000 7.789
9.6000 7.795
9.8000 7.795
10.0000 7.795
12.0000 7.814
14.0000 7.820
16.0000 7.827
18.0000 7.833
20.0000 7.839
22.0000 7.852
24.0000 7.858
26.0000 7.865
28.0000 7.871
30.0000 7.884
32.0000 7.890
34.0000 7.897
36.0000 7.903
38.0000 7.909
40.0000 7.916
42.0000 7.922
44.0000 7.928
46.0000 7.941
48.0000 7.941
50.0000 7.954
52.0000 7.954
54.0000 7.967
56.0000 7.973

MW-1D LOGGER DATA
Elapsed Time INPUT 1

58.0000 7.973
60.0000 7.973



SLUGCOMP.XLS

S.J. Rossello, March 1988

Modified 6/10/92

Converted to EXCEL April, 1996

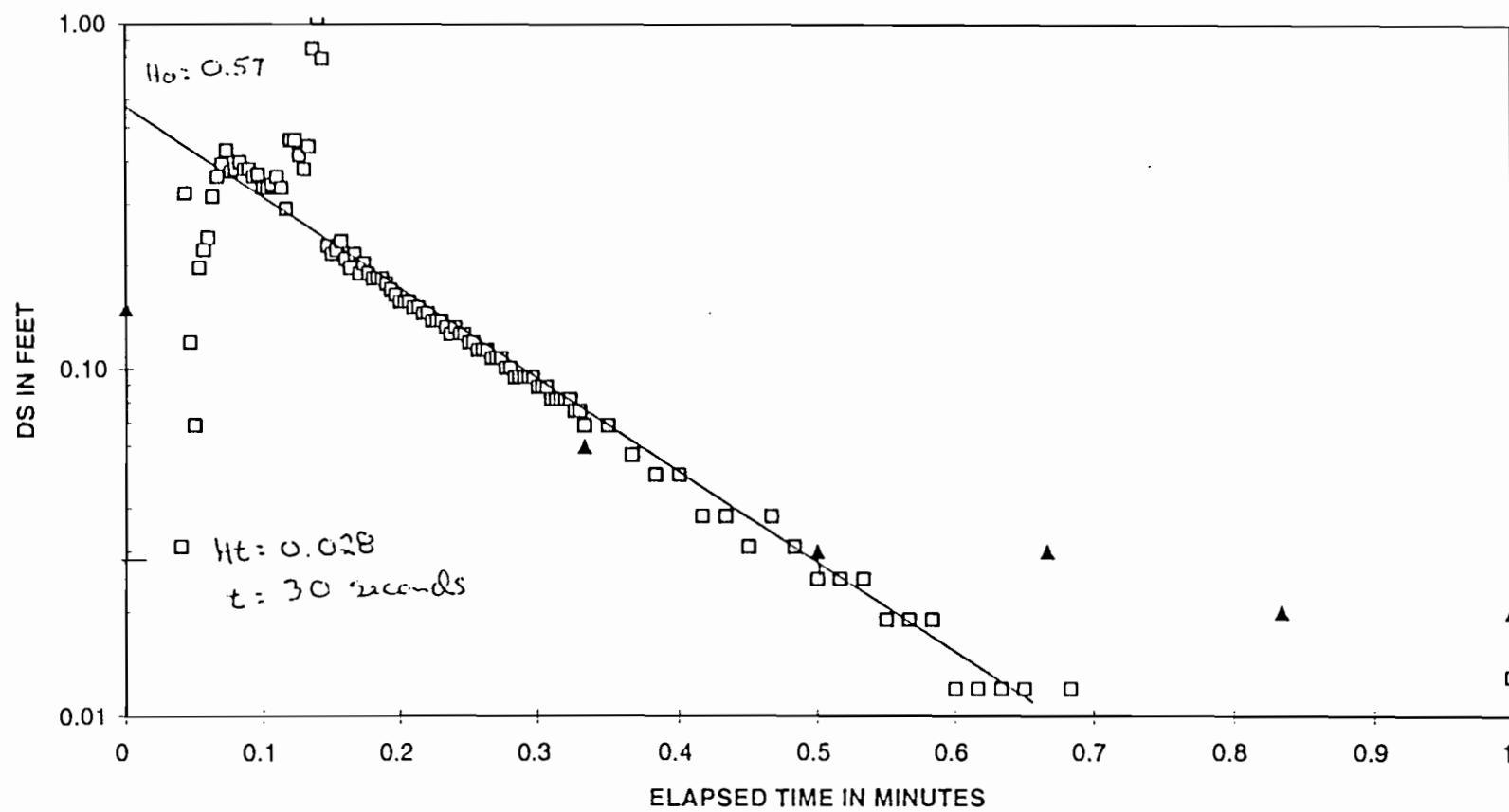
Project: NYSDEC - VALLEY FALLS				
Project No.: 728726.01000				
Well No.: MW-2S				
Test Date: 4/10/96				
Formation Tested: overburden				
Rising (R) or Falling (F) Head Test: rising				
Parameter	Units	Value	unit conversion (cm)	Slug test variables
Stickup	ft	2.50	76.20	
Static Water Level	ft	7.55	230.12	153.92 SW
Depth to bottom of screen (from ground level)	ft	9.00	274.32	120.40 H
Boring Diameter	in	12.00	30.48	121.92 Ts
Casing Diameter	in	4.00	10.16	5.08 Rw
Screen Diameter	in	4.00	10.16	5.08 Rc
Screen Length	ft	5.00	152.40	10.16 DS
Depth to Boundary	ft	23.00	701.04	120.40 L
Delta H at time 0 (Y0)	ft	0.57	17.37	547.12 D
Delta H at Time t (Yt)	ft	0.03	0.85	17.37 H0 (Y0)
Time	sec	30		0.85 Ht (Yt)
Ratio Kh/Kv		1		30.00 t
Porosity of Filter Pack		0.3		1.00 M
RESULTS				
cm/sec m/sec ft/day				
K (Bouwer-Rice) 2.4E-03 2.35E-05 6.7				

REFERENCES:

- Herman Bouwer. 1989. "The Bouwer and Rice Slug Test - An Update". Ground Water vol. 27, no. 3. May-June 1989.
- H. Bouwer, and R.C. Rice. 1976. A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers Completely or Partially Penetrating Wells". Water Resources Research. vol 12, no. 3. June 1976.
- M.J. Hvorslev. 1951. Time lag and soil permeability in groundwater observations. U.S. Army Corps Engineers Waterways Station, Vicksburg, MS. Bulletin 36.

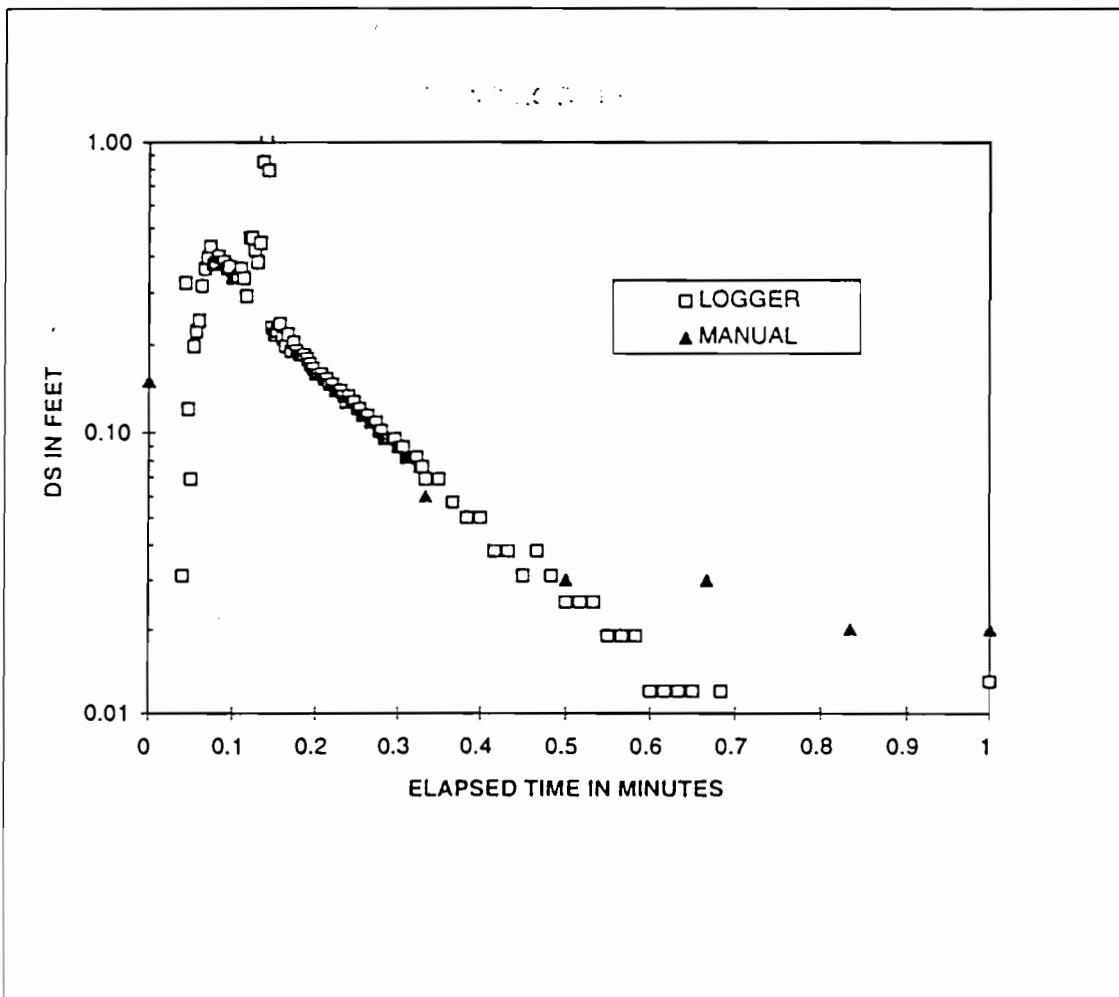
NYSDEC - VALLEY FALLS

MW-2S LOGGER DATA



MW-2S
MANUAL VS LOGGER READINGS

MIN	SEC	DEPTH TO WATER (FT)	ELAPSED TIME (MIN)	ΔS (FT)
00	00	7.55	0.00	0.00
00	20	7.7	0.33	0.15
00	30	7.61	0.50	0.06
00	40	7.58	0.67	0.03
00	50	7.58	0.83	0.03
01	00	7.57	1.00	0.02
01	10	7.57	1.17	0.02
01	20	7.56	1.33	0.01
01	30	7.56	1.50	0.01
01	40	7.56	1.67	0.01
01	50	7.56	1.83	0.01
02	00	7.56	2.00	0.01
02	30	7.55	2.50	0.00
03	00	7.55	3.00	0.00
05	00	7.55	5.00	0.00
10	00	7.55	10.00	0.00



ENGINEERING SCIENCE, INC.
290 ELWOOD DAVIS ROAD
SUITE 312
LIVERPOOL NY 13088

Client: NYSDEC
Location: VALLEY FALLS

AQUIFER TEST DATA FORM Well No.: MW 23 Job No.:

Measuring Point (+/- LS) 51.

Data Logger Test No. 7

Depth - Total (TOC) ft.

Casing Diameter: in.

Data Logger Input No. 1

Depth to Screen Top (TOC) [in]

Borehole Diameters:

Depth to Screen Bottom (TOC)

Depth to Transducer (TOC) ft.

OBSERVATION WELLS

SE1000C
Environmental Logger
04/11 12:34

Unit# 00549 Test 7

Setups: INPUT 1

Type Level (F)
Mode TOC
I.D. 00032

Reference 7.550
Linearity 0.010
Scale factor 20.140
Offset 0.010
Delay mSEC 50.000

Step 0 04/11 08:56:29

MW-2S LOGGER DATA

Elapsed Time	INPUT 1	ΔS (FT)
0	17.55	0.00
0.0033	17.55	0.00
0.0066	17.556	0.01
0.01	17.55	0.00
0.0133	17.55	0.00
0.0166	17.556	0.01
0.02	17.556	0.01
0.0233	17.556	0.01
0.0266	17.55	0.00
0.03	17.556	0.01
0.0333	17.556	0.01
0.0366	17.55	0.00
0.04	17.55	0.00
0.0433	17.581	0.03
0.0466	17.874	0.32
0.05	17.67	0.12
0.0533	17.619	0.07
0.0566	17.747	0.20
0.06	17.772	0.22
0.0633	17.791	0.24
0.0666	17.867	0.32
0.07	17.912	0.36
0.0733	17.944	0.39
0.0766	17.982	0.43

MW-2S LOGGER DATA

Elapsed Time	INPUT 1	ΔS (FT)
0.08	17.925	0.38
0.0833	17.931	0.38
0.0866	17.95	0.40
0.09	17.931	0.38
0.0933	17.931	0.38
0.0966	17.912	0.36
0.1	17.918	0.37
0.1033	17.886	0.34
0.1066	17.886	0.34
0.11	17.893	0.34
0.1133	17.912	0.36
0.1166	17.886	0.34
0.12	17.842	0.29
0.1233	18.013	0.46
0.1266	18.013	0.46
0.13	17.969	0.42
0.1333	17.931	0.38
0.1366	17.994	0.44
0.14	18.401	0.85
0.1433	18.592	1.04
0.1466	18.344	0.79
0.15	17.778	0.23
0.1533	17.766	0.22
0.1566	17.772	0.22
0.16	17.785	0.23
0.1633	17.759	0.21
0.1666	17.747	0.20
0.17	17.766	0.22
0.1733	17.74	0.19
0.1766	17.753	0.20
0.18	17.74	0.19
0.1833	17.734	0.18
0.1866	17.734	0.18
0.19	17.734	0.18
0.1933	17.728	0.18
0.1966	17.721	0.17
0.2	17.715	0.16
0.2033	17.708	0.16
0.2066	17.708	0.16
0.21	17.708	0.16
0.2133	17.702	0.15
0.2166	17.702	0.15
0.22	17.696	0.15
0.2233	17.696	0.15
0.2266	17.689	0.14

MW-2S LOGGER DATA

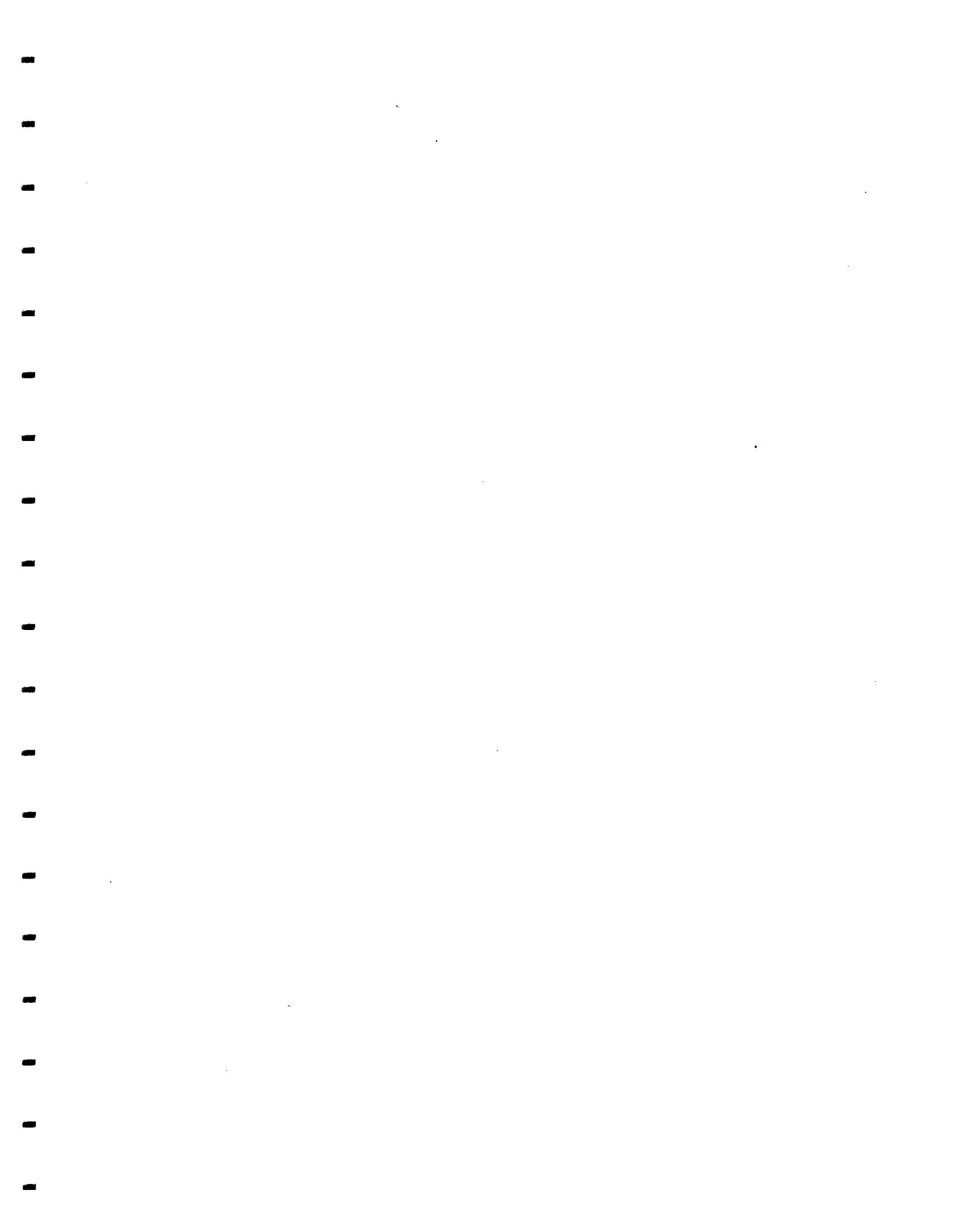
Elapsed Time	INPUT 1	ΔS (FT)
0.23	17.689	0.14
0.2333	17.689	0.14
0.2366	17.683	0.13
0.24	17.677	0.13
0.2433	17.683	0.13
0.2466	17.677	0.13
0.25	17.677	0.13
0.2533	17.67	0.12
0.2566	17.67	0.12
0.26	17.664	0.11
0.2633	17.664	0.11
0.2666	17.664	0.11
0.27	17.658	0.11
0.2733	17.658	0.11
0.2766	17.658	0.11
0.28	17.651	0.10
0.2833	17.651	0.10
0.2866	17.645	0.09
0.29	17.645	0.09
0.2933	17.645	0.09
0.2966	17.645	0.09
0.3	17.645	0.09
0.3033	17.639	0.09
0.3066	17.639	0.09
0.31	17.639	0.09
0.3133	17.632	0.08
0.3166	17.632	0.08
0.32	17.632	0.08
0.3233	17.632	0.08
0.3266	17.632	0.08
0.33	17.626	0.08
0.3333	17.626	0.08
0.35	17.619	0.07
0.3666	17.619	0.07
0.3833	17.607	0.06
0.4	17.6	0.05
0.4166	17.6	0.05
0.4333	17.588	0.04
0.45	17.588	0.04
0.4666	17.581	0.03
0.4833	17.588	0.04
0.5	17.581	0.03
0.5166	17.575	0.02
0.5333	17.575	0.02
0.55	17.575	0.02

MW-2S LOGGER DATA

Elapsed Time	INPUT 1	ΔS (FT)
0.5666	17.569	0.02
0.5833	17.569	0.02
0.6	17.569	0.02
0.6166	17.562	0.01
0.6333	17.562	0.01
0.65	17.562	0.01
0.6666	17.562	0.01
0.6833	17.556	0.01
0.7	17.562	0.01
0.7166	17.556	0.01
0.7333	17.556	0.01
0.75	17.556	0.01
0.7666	17.556	0.01
0.7833	17.55	0.00
0.8	17.55	0.00
0.8166	17.556	0.01
0.8333	17.55	0.00
0.85	17.55	0.00
0.8666	17.55	0.00
0.8833	17.55	0.00
0.9	17.55	0.00
0.9166	17.543	0.01
0.9333	17.55	0.00
0.95	17.55	0.00
0.9666	17.543	0.01
0.9833	17.543	0.01
1	17.55	0.00
1.2	17.537	0.01
1.4	17.543	0.01
1.6	17.543	0.01
1.8	17.537	0.01
2	17.537	0.01
2.2	17.537	0.01
2.4	17.537	0.01
2.6	17.53	0.02
2.8	17.53	0.02
3	17.53	0.02
3.2	17.53	0.02
3.4	17.53	0.02
3.6	17.537	0.01
3.8	17.53	0.02
4	17.537	0.01
4.2	17.537	0.01
4.4	17.537	0.01
4.6	17.537	0.01

MW-2S LOGGER DATA

Elapsed Time	INPUT 1	ΔS (FT)
4.8	17.53	0.02
5	17.53	0.02
5.2	17.53	0.02
5.4	17.53	0.02
5.6	17.53	0.02
5.8	17.537	0.01
6	17.537	0.01
6.2	17.53	0.02
6.4	17.53	0.02
6.6	17.53	0.02
6.8	17.53	0.02
7	17.537	0.01
7.2	17.537	0.01
7.4	17.537	0.01
7.6	17.53	0.02
7.8	17.53	0.02
8	17.53	0.02
8.2	17.53	0.02
8.4	17.537	0.01
8.6	17.537	0.01
8.8	17.537	0.01
9	17.537	0.01
9.2	17.537	0.01
9.4	17.53	0.02
9.6	17.53	0.02
9.8	17.537	0.01
10	17.53	0.02



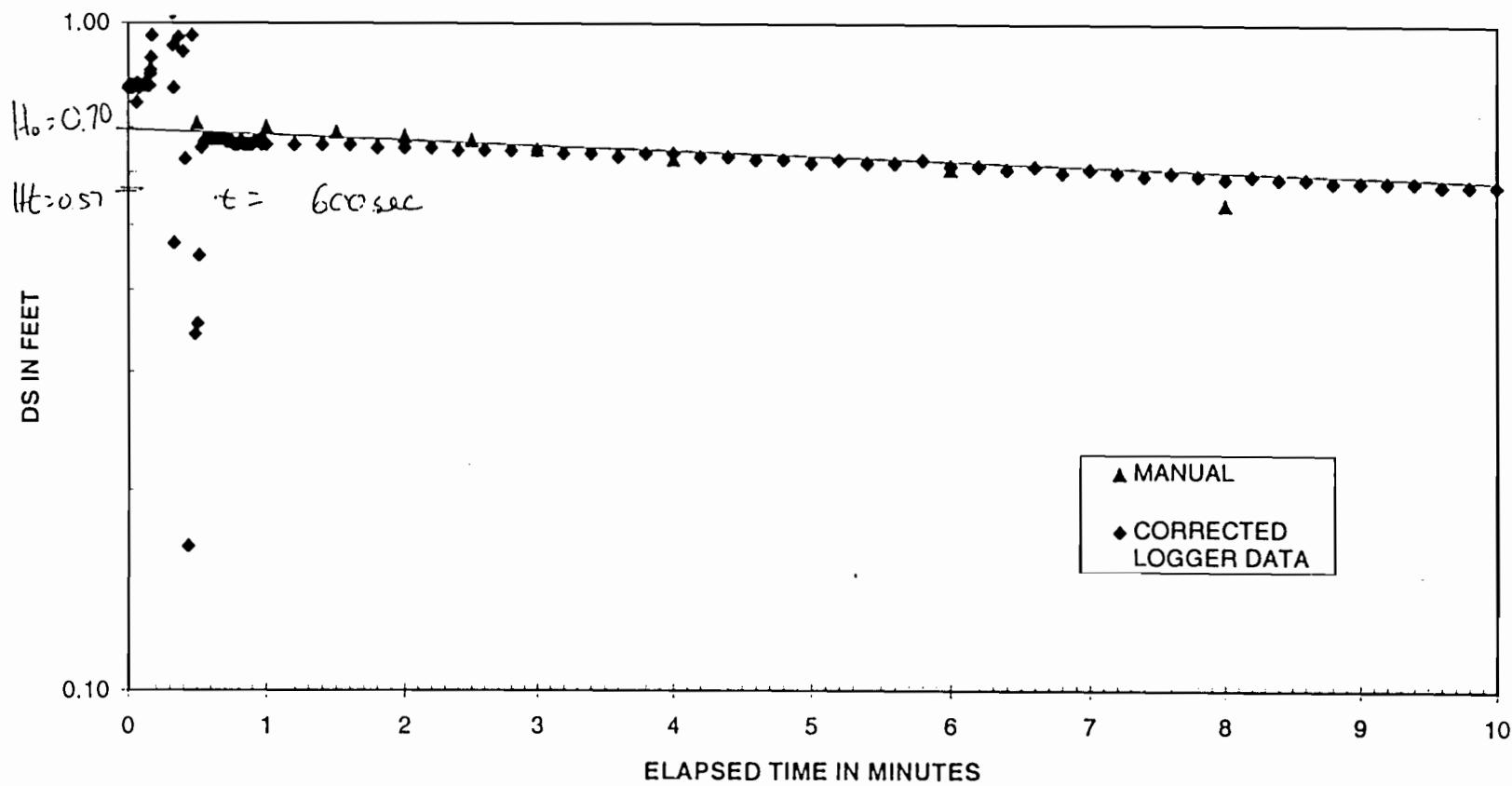
Project:	NYSDEC - VALLEY FALLS			
Project No.:	728726.01000			
Well No.:	MW-2D			
Test Date:	4/10/96			
Formation Tested:	rock			
Rising (R) or Falling (F) Head Test:	rising			
Parameter	Units	Value	unit conversion (cm)	Slug test variables
Stickup	ft	2.50	76.20	
Static Water Level	ft	17.23	525.17	448.97 SW
Depth to bottom of screen (from ground level)	ft	56.00	1706.88	1257.91 H 792.48 Ts
Boring Diameter	in	4.00	10.16	5.08 Rw
Casing Diameter	in	4.00	10.16	5.08 Rc
Screen Diameter	in	4.00	10.16	10.16 DS
Screen Length	ft	30.00	914.40	914.40 L
Depth to Boundary	ft	56.00	1706.88	1257.91 D
Delta H at time 0 (Y0)	ft	0.70	21.34	21.34 H0 (Y0)
Delta H at Time t (Yt)	ft	0.57	17.37	17.37 Ht (Yt)
Time	sec	600		600.00 t
Ratio Kh/Kv		1		1.00 M
Porosity of Filter Pack				0.00 P
RESULTS		cm/sec	m/sec	ft/day
K (Hvorslev Time Lag)		2.5E-05	2.52E-07	0.1
K (Hvorslev Variable Head)		2.5E-05	2.51E-07	0.1

REFERENCES:

- Herman Bouwer, 1989. "The Bouwer and Rice Slug Test - An Update". Ground Water vol. 27, no. 3, May-June 1989.
- H. Bouwer, and R.C. Rice. 1976. A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers Completely or Partially Penetrating Wells". Water Resources Research. vol 12, no. 3, June 1976.
- M.J. Hvorslev. 1951. Time lag and soil permeability in groundwater observations. U.S. Army Corps Engineers Waterways Station, Vicksburg, MS. Bulletin 36.

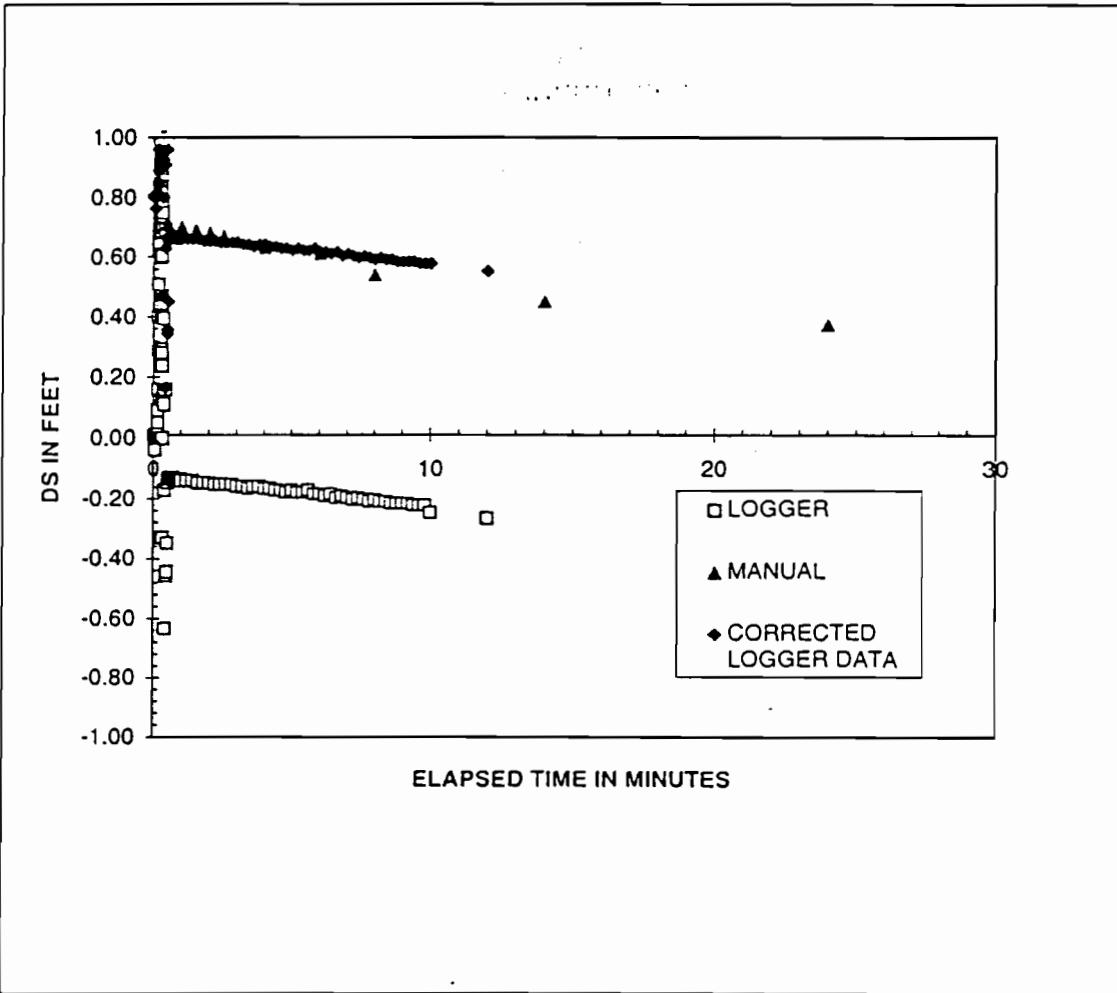
NYSDEC - VALLEY FALLS

MW-2D CORRECTED LOGGER DATA



MW-2D
MANUAL VS TRANSDUCER REAGINGS

MIN	SEC	DEPTH TO WATER (FT)	ELAPSED TIME (MIN)	ΔS (FT)
26	00	17.23	0.00	0.00
26	30	17.23	0.50	0.00
27	00	16.52	1.00	0.71
27	30	16.53	1.50	0.70
28	00	16.54	2.00	0.69
28	30	16.55	2.50	0.68
29	00	16.56	3.00	0.67
30	00	16.58	4.00	0.65
32	00	16.60	6.00	0.63
34	00	16.62	8.00	0.61
40	00	16.69	14.00	0.54
50	00	16.78	24.00	0.45
60	00	16.86	34.00	0.37
70	00	16.92	44.00	0.31
80	00	16.97	54.00	0.26
90	00	17.01	64.00	0.22



Client: NYSDEC

AQUIFER TEST DATA FORM Well No.: **MUZD** Job No.:

Location: Valley Falls

Measuring Point (+/- LS) : ..

Casing Diameter: in

Borehole Diameters in.

Data Logger Test No. 6

Depth - Total (TOC) 56 ft.

Job No.: _____

Depth - Total (TOC) 56 ft.

Depth to Screen Top (TOC) ____ ft.

Depth to Transducer (TOC) ft.

OBSERVATION WELLS

SE1000C
Environmental Logger
04/11 12:31

Unit# 00549 Test 6

Setups: INPUT 1

Type Level (F)
Mode TOC
I.D. 00032

Reference 17.230
Linearity 0.010
Scale factor 20.140
Offset 0.010
Delay mSEC 50.000

Step 0 04/11 07:22:29

MW-2D LOGGER DATA

Elapsed Time	INPUT 1	ΔS	(FT)	correction: 0.8	CORRECTED ΔS
0.00	17.23	0.00		0.8	
0.00	17.223	0.01		0.807	
0.01	17.223	0.01		0.807	
0.01	17.23	0.00		0.8	
0.01	17.223	0.01		0.807	
0.02	17.223	0.01		0.807	
0.02	17.223	0.01		0.807	
0.02	17.23	0.00		0.8	
0.03	17.223	0.01		0.807	
0.03	17.23	0.00		0.8	
0.03	17.223	0.01		0.807	
0.04	17.223	0.01		0.807	
0.04	17.23	0.00		0.8	
0.04	17.223	0.01		0.807	
0.05	17.223	0.01		0.807	
0.05	17.223	0.01		0.807	
0.05	17.223	0.01		0.807	
0.06	17.223	0.01		0.807	
0.06	17.223	0.01		0.807	
0.06	17.268	-0.04		0.762	
0.07	17.217	0.01		0.813	
0.07	17.223	0.01		0.807	
0.07	17.223	0.01		0.807	

MW-2D LOGGER DATA

correction: 0.8

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.08	17.223	0.01	0.807
0.08	17.223	0.01	0.807
0.08	17.23	0.00	0.8
0.09	17.223	0.01	0.807
0.09	17.223	0.01	0.807
0.09	17.223	0.01	0.807
0.10	17.223	0.01	0.807
0.10	17.223	0.01	0.807
0.10	17.223	0.01	0.807
0.11	17.223	0.01	0.807
0.11	17.223	0.01	0.807
0.11	17.223	0.01	0.807
0.12	17.223	0.01	0.807
0.12	17.223	0.01	0.807
0.12	17.217	0.01	0.813
0.13	17.223	0.01	0.807
0.13	17.223	0.01	0.807
0.13	17.223	0.01	0.807
0.14	17.223	0.01	0.807
0.14	17.223	0.01	0.807
0.14	17.223	0.01	0.807
0.15	17.223	0.01	0.807
0.15	17.223	0.01	0.807
0.15	17.223	0.01	0.807
0.16	17.223	0.01	0.807
0.16	17.191	0.04	0.839
0.16	17.179	0.05	0.851
0.17	17.141	0.09	0.889
0.17	17.071	0.16	0.959
0.17	16.944	0.29	1.086
0.18	16.829	0.40	1.201
0.18	16.721	0.51	1.309
0.18	16.613	0.62	1.417
0.19	16.581	0.65	1.449
0.19	16.48	0.75	1.55
0.19	16.397	0.83	1.633
0.20	16.461	0.77	1.569
0.20	16.543	0.69	1.487
0.20	16.581	0.65	1.449
0.21	16.55	0.68	1.48
0.21	16.55	0.68	1.48
0.21	16.467	0.76	1.563
0.22	16.499	0.73	1.531
0.22	16.55	0.68	1.48

MW-2D LOGGER DATA

correction: 0.8

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.22	16.442	0.79	1.588
0.23	16.467	0.76	1.563
0.23	16.505	0.73	1.525
0.23	16.956	0.27	1.074
0.24	16.632	0.60	1.398
0.24	16.543	0.69	1.487
0.24	16.442	0.79	1.588
0.25	16.435	0.80	1.595
0.25	16.276	0.95	1.754
0.25	16.289	0.94	1.741
0.26	16.422	0.81	1.608
0.26	16.422	0.81	1.608
0.26	16.486	0.74	1.544
0.27	16.499	0.73	1.531
0.27	16.302	0.93	1.728
0.27	16.391	0.84	1.639
0.28	16.416	0.81	1.614
0.28	16.461	0.77	1.569
0.28	16.334	0.90	1.696
0.29	16.499	0.73	1.531
0.29	16.473	0.76	1.557
0.29	16.505	0.73	1.525
0.30	16.823	0.41	1.207
0.30	16.937	0.29	1.093
0.30	16.95	0.28	1.08
0.31	16.759	0.47	1.271
0.31	16.626	0.60	1.404
0.31	16.442	0.79	1.588
0.32	16.531	0.70	1.499
0.32	16.829	0.40	1.201
0.32	16.994	0.24	1.036
0.33	17.103	0.13	0.927
0.33	17.23	0.00	0.8
0.33	17.56	-0.33	0.47
0.35	16.48	0.75	1.55
0.37	17.077	0.15	0.953
0.38	16.836	0.39	1.194
0.40	17.122	0.11	0.908
0.42	17.401	-0.17	0.629
0.43	17.865	-0.63	0.165
0.45	16.537	0.69	1.493
0.47	17.071	0.16	0.959
0.48	17.687	-0.46	0.343
0.50	17.674	-0.44	0.356

MW-2D LOGGER DATA
correction: 0.8

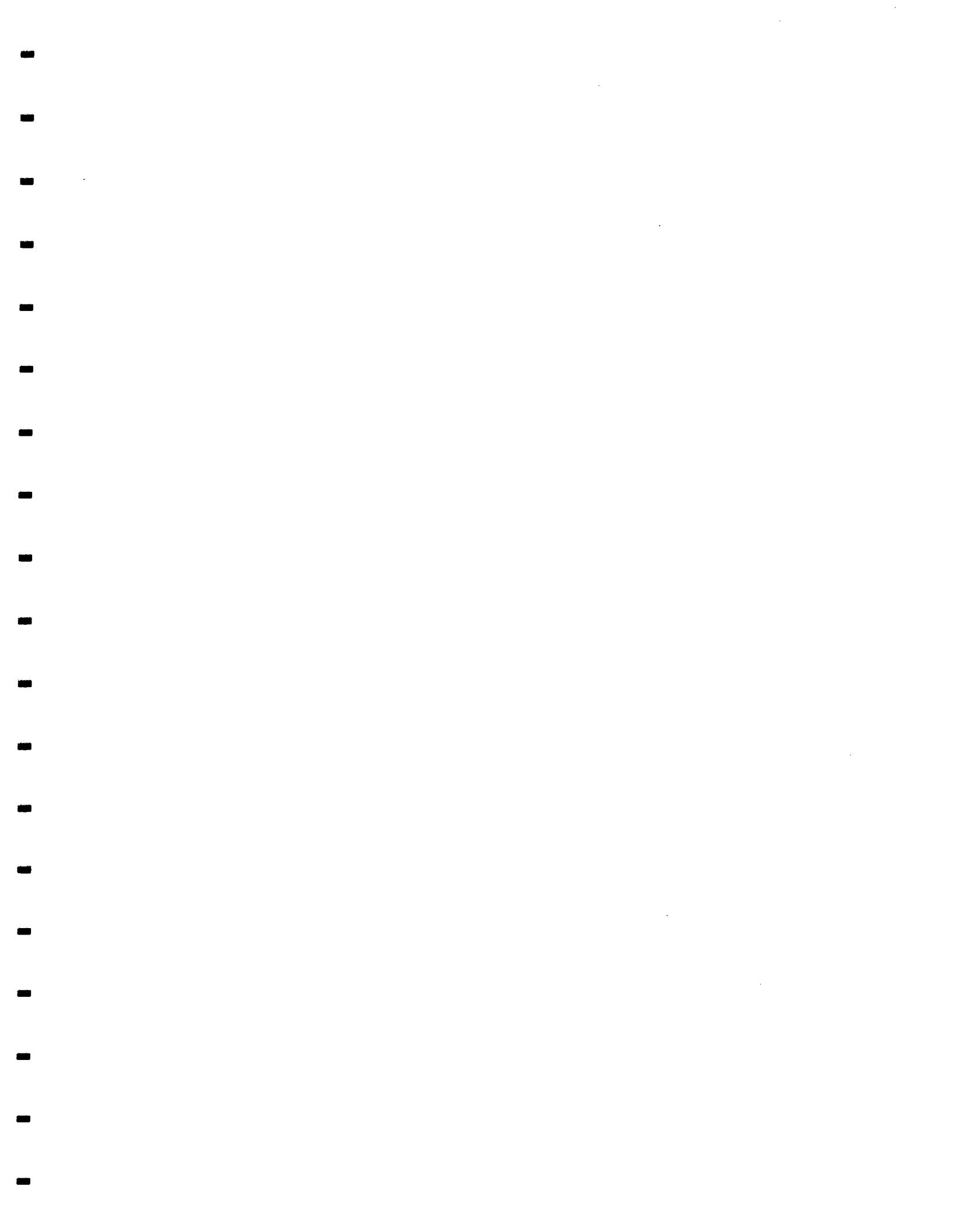
Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.52	17.579	-0.35	0.451
0.53	17.376	-0.15	0.654
0.55	17.363	-0.13	0.667
0.57	17.357	-0.13	0.673
0.58	17.357	-0.13	0.673
0.60	17.357	-0.13	0.673
0.62	17.357	-0.13	0.673
0.63	17.357	-0.13	0.673
0.65	17.357	-0.13	0.673
0.67	17.357	-0.13	0.673
0.68	17.357	-0.13	0.673
0.70	17.357	-0.13	0.673
0.72	17.363	-0.13	0.667
0.73	17.363	-0.13	0.667
0.75	17.363	-0.13	0.667
0.77	17.369	-0.14	0.661
0.78	17.369	-0.14	0.661
0.80	17.369	-0.14	0.661
0.82	17.363	-0.13	0.667
0.83	17.369	-0.14	0.661
0.85	17.369	-0.14	0.661
0.87	17.369	-0.14	0.661
0.88	17.369	-0.14	0.661
0.90	17.369	-0.14	0.661
0.92	17.363	-0.13	0.667
0.93	17.363	-0.13	0.667
0.95	17.363	-0.13	0.667
0.97	17.369	-0.14	0.661
0.98	17.363	-0.13	0.667
1.00	17.369	-0.14	0.661
1.20	17.369	-0.14	0.661
1.40	17.369	-0.14	0.661
1.60	17.369	-0.14	0.661
1.80	17.376	-0.15	0.654
2.00	17.376	-0.15	0.654
2.20	17.376	-0.15	0.654
2.40	17.382	-0.15	0.648
2.60	17.382	-0.15	0.648
2.80	17.382	-0.15	0.648
3.00	17.382	-0.15	0.648
3.20	17.388	-0.16	0.642
3.40	17.388	-0.16	0.642
3.60	17.395	-0.16	0.635
3.80	17.388	-0.16	0.642

MW-2D LOGGER DATA

Elapsed Time	INPUT 1	ΔS (FT)	correction: 0.8	CORRECTED ΔS
4.00	17.388	-0.16		0.642
4.20	17.395	-0.16		0.635
4.40	17.395	-0.16		0.635
4.60	17.401	-0.17		0.629
4.80	17.401	-0.17		0.629
5.00	17.408	-0.18		0.622
5.20	17.401	-0.17		0.629
5.40	17.408	-0.18		0.622
5.60	17.408	-0.18		0.622
5.80	17.401	-0.17		0.629
6.00	17.414	-0.18		0.616
6.20	17.414	-0.18		0.616
6.40	17.42	-0.19		0.61
6.60	17.414	-0.18		0.616
6.80	17.427	-0.20		0.603
7.00	17.42	-0.19		0.61
7.20	17.427	-0.20		0.603
7.40	17.433	-0.20		0.597
7.60	17.427	-0.20		0.603
7.80	17.433	-0.20		0.597
8.00	17.439	-0.21		0.591
8.20	17.433	-0.20		0.597
8.40	17.439	-0.21		0.591
8.60	17.439	-0.21		0.591
8.80	17.446	-0.22		0.584
9.00	17.446	-0.22		0.584
9.20	17.446	-0.22		0.584
9.40	17.446	-0.22		0.584
9.60	17.452	-0.22		0.578
9.80	17.452	-0.22		0.578
10.00	17.452	-0.22		0.578
12.00	17.477	-0.25		0.553
	14.00	17.497	-0.27	0.533
	16.00	17.516	-0.29	0.514
	18.00	17.535	-0.31	0.495
	20.00	17.554	-0.32	0.476
	22.00	17.566	-0.34	0.464
	24.00	17.579	-0.35	0.451
	26.00	17.592	-0.36	0.438
	28.00	17.598	-0.37	0.432
	30.00	17.617	-0.39	0.413
	32.00	17.63	-0.40	0.4
	34.00	17.643	-0.41	0.387
	36.00	17.662	-0.43	0.368

MW-2D LOGGER DATA

Elapsed Time	INPUT 1	correction:		0.8
		Δs	(FT)	
38.00	17.668	-0.44	0.362	
40.00	17.681	-0.45	0.349	
42.00	17.694	-0.46	0.336	
44.00	17.706	-0.48	0.324	
46.00	17.719	-0.49	0.311	
48.00	17.725	-0.50	0.305	
50.00	17.732	-0.50	0.298	
52.00	17.744	-0.51	0.286	
54.00	17.757	-0.53	0.273	
56.00	17.757	-0.53	0.273	
58.00	17.763	-0.53	0.267	
60.00	17.782	-0.55	0.248	
62.00	17.782	-0.55	0.248	
64.00	17.789	-0.56	0.241	



SLUGCOMP.XLS

S.J. Rossello, March 1988

Modified 6/10/92

Converted to EXCEL April, 1996

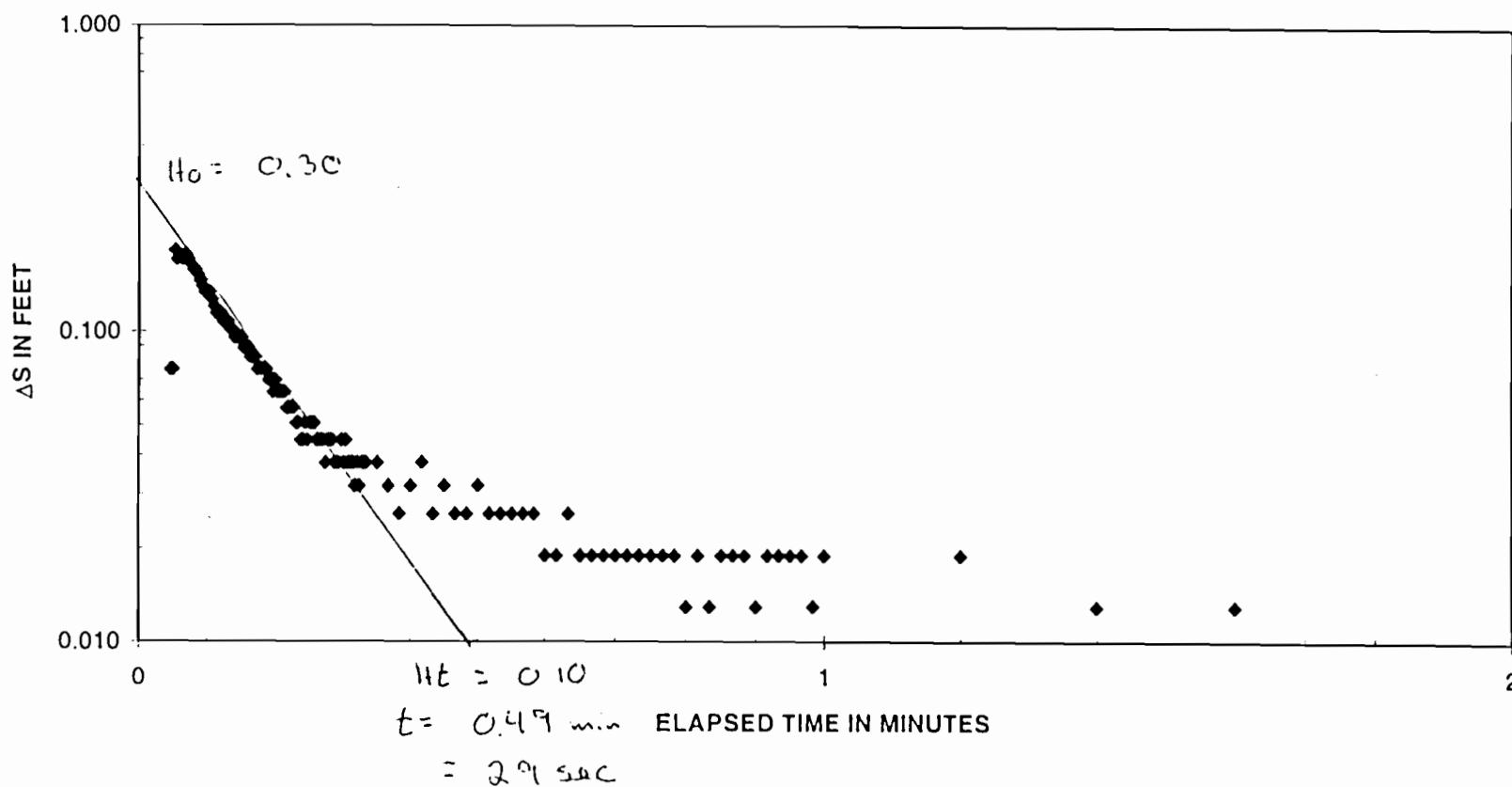
Project: NYSDEC - VALLEY FALLS				
Project No.: 728726.01000				
Well No.: MW-3S				
Test Date: 4/10/96				
Formation Tested: overburden				
Rising (R) or Falling (F) Head Test: rising				
Parameter	Units	Value	unit conversion (cm)	Slug test variables
Stickup	ft	0.00	0.00	
Static Water Level	ft	5.74	174.96	174.96 SW
Depth to bottom of screen (from ground level)	ft	8.00	243.84	68.88 H
Boring Diameter	in	12.00	30.48	91.44 Ts
Casing Diameter	in	4.00	10.16	5.08 Rw
Screen Diameter	in	4.00	10.16	5.08 Rc
Screen Length	ft	5.00	152.40	10.16 DS
Depth to Boundary	ft	23.00	701.04	68.88 L
Delta H at time 0 (Y0)	ft	0.30	9.14	9.14 H0 (Y0)
Delta H at Time t (Yt)	ft	0.10	3.05	3.05 Ht (Yt)
Time	sec	29		29.00 t
Ratio Kh/Kv		1		1.00 M
Porosity of Filter Pack		0.3		0.30 P
RESULTS		cm/sec	m/sec	ft/day
K (Bouwer-Rice)		1.4E-03	1.36E-05	3.9

REFERENCES:

- Herman Bouwer, 1989. "The Bouwer and Rice Slug Test - An Update". Ground Water vol. 27, no. 3, May-June 1989.
- H. Bouwer, and R.C. Rice. 1976. A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers Completely or Partially Penetrating Wells". Water Resources Research, vol 12, no. 3, June 1976.
- M.J. Hvorslev. 1951. Time lag and soil permeability in groundwater observations. U.S. Army Corps Engineers Waterways Station, Vicksburg, MS. Bulletin 36.

NYSDEC - VALLEY FALLS

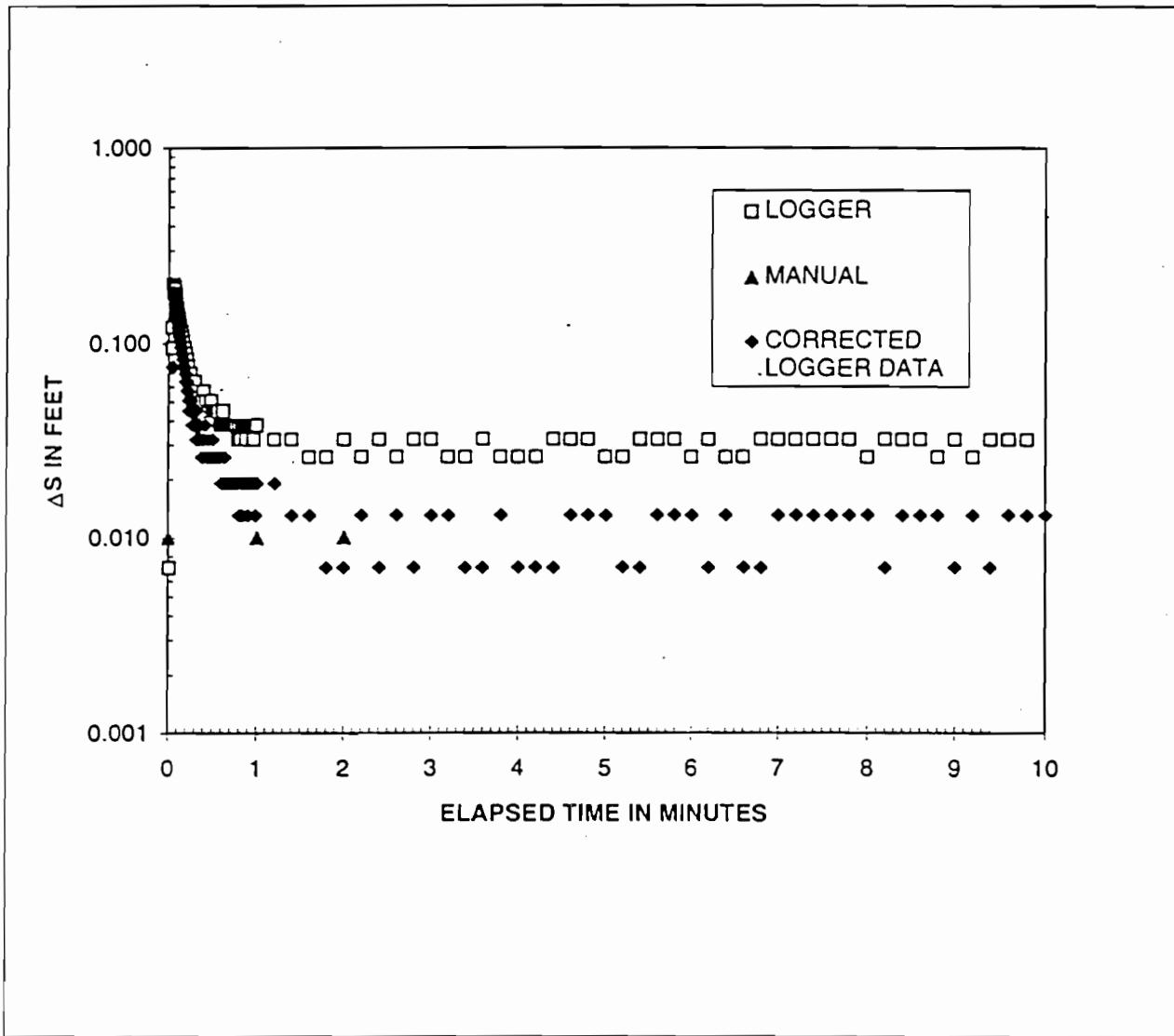
MW-3S
CORRECTED LOGGER DATA



NYSDEC - VALLEY FALLS

MW-3S
MANUAL READINGS

MIN	SEC	DEPTH TO WATER (FT)	ELAPSED TIME (MIN)	ΔS (FT)
00	00	5.74	0.00	0.00
00	30	5.75	0.50	0.01
00	45	5.74	0.75	0.00
01	00	5.74	1.00	0.00
02	00	5.73	2.00	0.01
05	00	5.73	5.00	0.01
10	00	5.74	10.00	0.00



Client: NVSDEC
Location: VALLEY FALLS

AQUIFER TEST DATA FORM Well No.: MW 35 Job No.:

Measuring Point (+/- LS) 11.

Data Logger Test No. 2

Depth - Total (TOC) 8.5

Casing Diameter in.

Data Logger Input No. 1

Depth to Screen Top (STC) (in)

Borehole Diameter in.

Depth to Screen Bottom (TOC) ft.

Depth to Transducer (TOC)

OBSERVATION WELLS

YR	Month	Day	HR	MN	SC	Depth to Water (TOC)	(gpm)	s	COMMENTS
96	04	10	12	35	00	5.74			
			13	00	00	5.74			Start
					30	5.75			
					45	5.74			
			01	00	5.74				
					75				
					80				
					45				
			2	00	5.78				
			5	00	5.73				
			10	00	5.74				STOP TEST

Client: NYSDEC
Location: VALLEY FALLS

AQUIFER TEST DATA FORM Well No.: *MV3D* Job No.: _____

Measuring Point (+/- LS) _____ ft.

Data Logger Test No. 7

Depth - Total (TOC) 8 ft.

Casing Diameter: in

Data Logger Input No. 1

Depth to Screen Top (TOC) 6.

Borehole Diameter: in.

Depth to Screen Bottom (TOC) _____ ft.

Depth to Transducer (TOC)

OBSERVATION WELLS

SE1000C
Environmental Logger
04/11 12:34

Unit# 00549 Test 2

Setups: INPUT 1

Type Level (F)
Mode TOC
I.D. 00032

Reference 5.74
Linearity 0.010
Scale factor 20.140
Offset 0.010
Delay mSEC 50.000

Step 0 04/11 08:56:29

MW-3S LOGGER DATA

Elapsed Time	INPUT 1	ΔS	(FT)	correction: -0.019	CORRECTED ΔS
0.00	5.733	0.00	-0.019		
0.00	5.733	0.00	-0.019		
0.01	5.733	0.00	-0.019		
0.01	5.733	0.00	-0.019		
0.02	5.74	0.01			
0.02	5.733	0.00	-0.019		
0.02	5.733	0.00	-0.019		
0.03	5.733	0.00	-0.019		
0.03	5.733	0.00	-0.019		
0.03	5.733	0.00	-0.019		
0.04	5.733	0.00	-0.019		
0.04	5.733	0.00	-0.019		
0.04	5.854	0.12			
0.05	5.828	0.10	0.076		
0.05	5.828	0.10	0.076		
0.05	5.936	0.20	0.184		
0.06	5.924	0.19	0.172		
0.06	5.93	0.20	0.178		
0.06	5.924	0.19	0.172		
0.07	5.924	0.19	0.172		
0.07	5.93	0.20	0.178		
0.07	5.924	0.19	0.172		

MW-3S LOGGER DATA

correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.08	5.917	0.18	0.165
0.08	5.911	0.18	0.159
0.08	5.911	0.18	0.159
0.09	5.905	0.17	0.153
0.09	5.898	0.17	0.146
0.09	5.892	0.16	0.14
0.10	5.886	0.15	0.134
0.10	5.886	0.15	0.134
0.10	5.886	0.15	0.134
0.11	5.879	0.15	0.127
0.11	5.873	0.14	0.121
0.11	5.867	0.13	0.115
0.12	5.867	0.13	0.115
0.12	5.867	0.13	0.115
0.12	5.86	0.13	0.108
0.13	5.86	0.13	0.108
0.13	5.86	0.13	0.108
0.13	5.854	0.12	0.102
0.14	5.854	0.12	0.102
0.14	5.848	0.12	0.096
0.14	5.848	0.12	0.096
0.15	5.848	0.12	0.096
0.15	5.848	0.12	0.096
0.15	5.841	0.11	0.089
0.16	5.841	0.11	0.089
0.16	5.841	0.11	0.089
0.16	5.835	0.10	0.083
0.17	5.835	0.10	0.083
0.17	5.835	0.10	0.083
0.17	5.828	0.10	0.076
0.18	5.828	0.10	0.076
0.18	5.828	0.10	0.076
0.18	5.828	0.10	0.076
0.19	5.828	0.10	0.076
0.19	5.822	0.09	0.07
0.19	5.822	0.09	0.07
0.20	5.816	0.08	0.064
0.20	5.822	0.09	0.07
0.20	5.816	0.08	0.064
0.21	5.816	0.08	0.064
0.21	5.816	0.08	0.064
0.21	5.816	0.08	0.064
0.22	5.809	0.08	0.057
0.22	5.809	0.08	0.057

MW-3S LOGGER DATA

correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.22	5.809	0.08	0.057
0.23	5.809	0.08	0.057
0.23	5.803	0.07	0.051
0.23	5.803	0.07	0.051
0.24	5.797	0.06	0.045
0.24	5.797	0.06	0.045
0.24	5.803	0.07	0.051
0.25	5.797	0.06	0.045
0.25	5.803	0.07	0.051
0.25	5.797	0.06	0.045
0.26	5.803	0.07	0.051
0.26	5.797	0.06	0.045
0.27	5.797	0.06	0.045
0.27	5.797	0.06	0.045
0.27	5.79	0.06	0.038
0.28	5.797	0.06	0.045
0.28	5.797	0.06	0.045
0.28	5.797	0.06	0.045
0.29	5.79	0.06	0.038
0.29	5.79	0.06	0.038
0.29	5.79	0.06	0.038
0.30	5.797	0.06	0.045
0.30	5.79	0.06	0.038
0.30	5.797	0.06	0.045
0.31	5.79	0.06	0.038
0.31	5.79	0.06	0.038
0.31	5.79	0.06	0.038
0.32	5.784	0.05	0.032
0.32	5.79	0.06	0.038
0.32	5.784	0.05	0.032
0.33	5.79	0.06	0.038
0.33	5.79	0.06	0.038
0.33	5.79	0.06	0.038
0.35	5.79	0.06	0.038
0.37	5.784	0.05	0.032
0.38	5.778	0.04	0.026
0.40	5.784	0.05	0.032
0.42	5.79	0.06	0.038
0.43	5.778	0.04	0.026
0.45	5.784	0.05	0.032
0.47	5.778	0.04	0.026
0.48	5.778	0.04	0.026
0.50	5.784	0.05	0.032

MW-3S LOGGER DATA

correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.52	5.778	0.04	0.026
0.53	5.778	0.04	0.026
0.55	5.778	0.04	0.026
0.57	5.778	0.04	0.026
0.58	5.778	0.04	0.026
0.60	5.771	0.04	0.019
0.62	5.771	0.04	0.019
0.63	5.778	0.04	0.026
0.65	5.771	0.04	0.019
0.67	5.771	0.04	0.019
0.68	5.771	0.04	0.019
0.70	5.771	0.04	0.019
0.72	5.771	0.04	0.019
0.73	5.771	0.04	0.019
0.75	5.771	0.04	0.019
0.77	5.771	0.04	0.019
0.78	5.771	0.04	0.019
0.80	5.765	0.03	0.013
0.82	5.771	0.04	0.019
0.83	5.765	0.03	0.013
0.85	5.771	0.04	0.019
0.87	5.771	0.04	0.019
0.88	5.771	0.04	0.019
0.90	5.765	0.03	0.013
0.92	5.771	0.04	0.019
0.93	5.771	0.04	0.019
0.95	5.771	0.04	0.019
0.97	5.771	0.04	0.019
0.98	5.765	0.03	0.013
1.00	5.771	0.04	0.019
1.20	5.771	0.04	0.019
1.40	5.765	0.03	0.013
1.60	5.765	0.03	0.013
1.80	5.759	0.03	0.007
2.00	5.759	0.03	0.007
2.20	5.765	0.03	0.013
2.40	5.759	0.03	0.007
2.60	5.765	0.03	0.013
2.80	5.759	0.03	0.007
3.00	5.765	0.03	0.013
3.20	5.765	0.03	0.013
3.40	5.759	0.03	0.007
3.60	5.759	0.03	0.007
3.80	5.765	0.03	0.013

MW-3S LOGGER DATA

correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
4.00	5.759	0.03	0.007
4.20	5.759	0.03	0.007
4.40	5.759	0.03	0.007
4.60	5.765	0.03	0.013
4.80	5.765	0.03	0.013
5.00	5.765	0.03	0.013
5.20	5.759	0.03	0.007
5.40	5.759	0.03	0.007
5.60	5.765	0.03	0.013
5.80	5.765	0.03	0.013
6.00	5.765	0.03	0.013
6.20	5.759	0.03	0.007
6.40	5.765	0.03	0.013
6.60	5.759	0.03	0.007
6.80	5.759	0.03	0.007
7.00	5.765	0.03	0.013
7.20	5.765	0.03	0.013
7.40	5.765	0.03	0.013
7.60	5.765	0.03	0.013
7.80	5.765	0.03	0.013
8.00	5.765	0.03	0.013
8.20	5.759	0.03	0.007
8.40	5.765	0.03	0.013
8.60	5.765	0.03	0.013
8.80	5.765	0.03	0.013
9.00	5.759	0.03	0.007
9.20	5.765	0.03	0.013
9.40	5.759	0.03	0.007
9.60	5.765	0.03	0.013
9.80	5.765	0.03	0.013
10.00	5.765	0.03	0.013



SLUGCOMP.XLS

S.J. Rossello, March 1988

Modified 6/10/92

Converted to EXCEL April, 1996

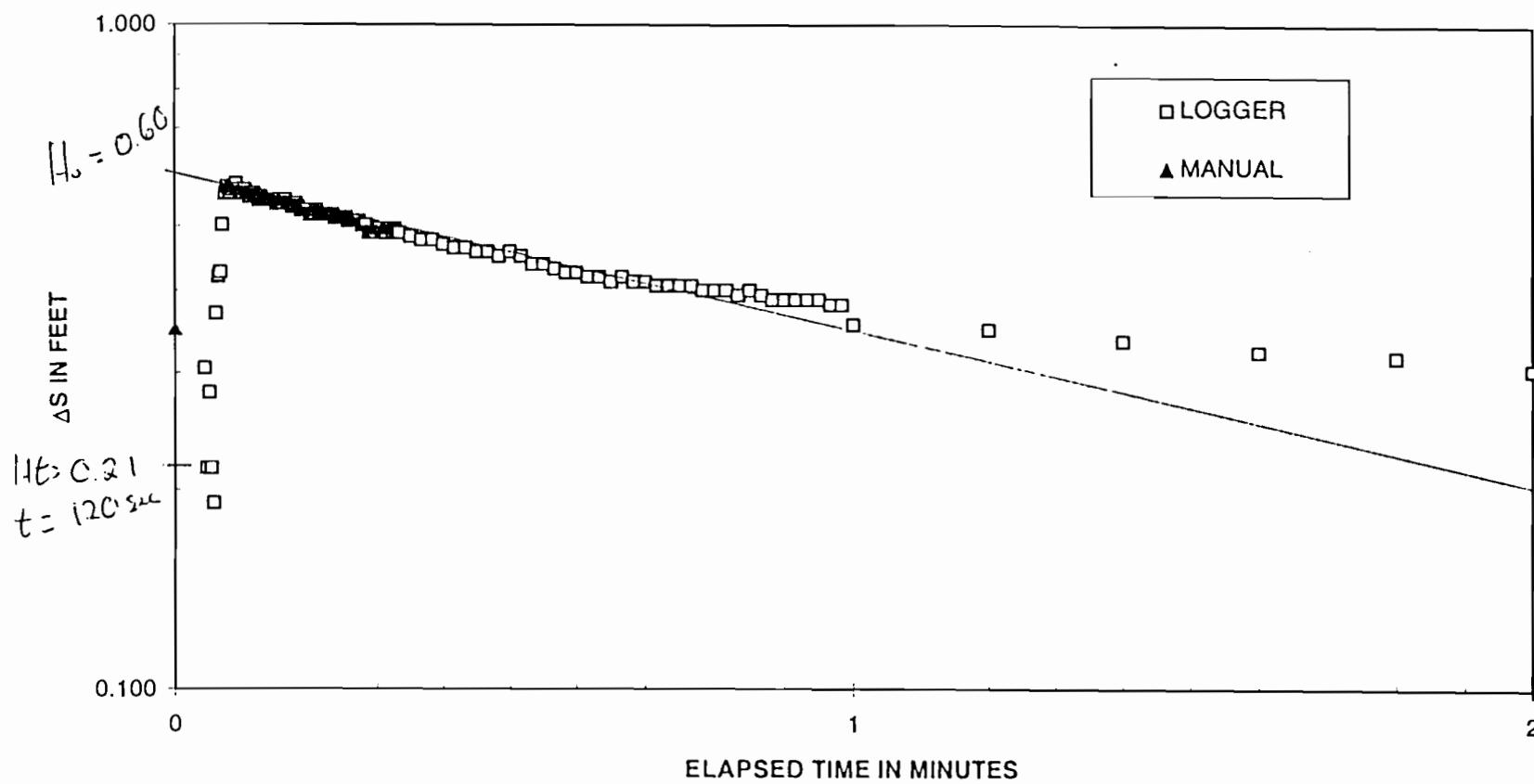
Project: NYSDEC - VALLEY FALLS Project No.: 728726.01000 Well No.: MW-4S Test Date: 4/10/96 Formation Tested: overburden Rising (R) or Falling (F) Head Test: rising				
Parameter	Units	Value	unit conversion (cm)	Slug test variables
Stickup	ft	0.00	0.00	
Static Water Level	ft	5.82	177.39	177.39 SW
Depth to bottom of screen (from ground level)	ft	11.00	335.28	157.89 H
Boring Diameter	in	12.00	30.48	5.08 Rw
Casing Diameter	in	4.00	10.16	5.08 Rc
Screen Diameter	in	4.00	10.16	10.16 DS
Screen Length	ft	5.00	152.40	152.40 L
Depth to Boundary	ft	28.00	853.44	676.05 D
Delta H at time 0 (Y0)	ft	0.60	18.29	18.29 H0 (Y0)
Delta H at Time t (Yt)	ft	0.21	6.40	6.40 Ht (Yt)
Time	sec	120		120.00 t
Ratio Kh/Kv		1		1.00 M
Porosity of Filter Pack		0.3		0.30 P
RESULTS		cm/sec	m/sec	ft/day
K (Bouwer-Rice)		1.5E-04	1.54E-06	0.4

REFERENCES:

- Herman Bouwer, 1989. "The Bouwer and Rice Slug Test - An Update". Ground Water vol. 27, no. 3, May-June 1989.
- H. Bouwer, and R.C. Rice. 1976. A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers Completely or Partially Penetrating Wells". Water Resources Research. vol 12, no. 3, June 1976.
- M.J. Hvorslev, 1951. Time lag and soil permeability in groundwater observations. U.S. Army Corps Engineers Waterways Station, Vicksburg, MS. Bulletin 36.

NYSDEC - VALLEY FALLS

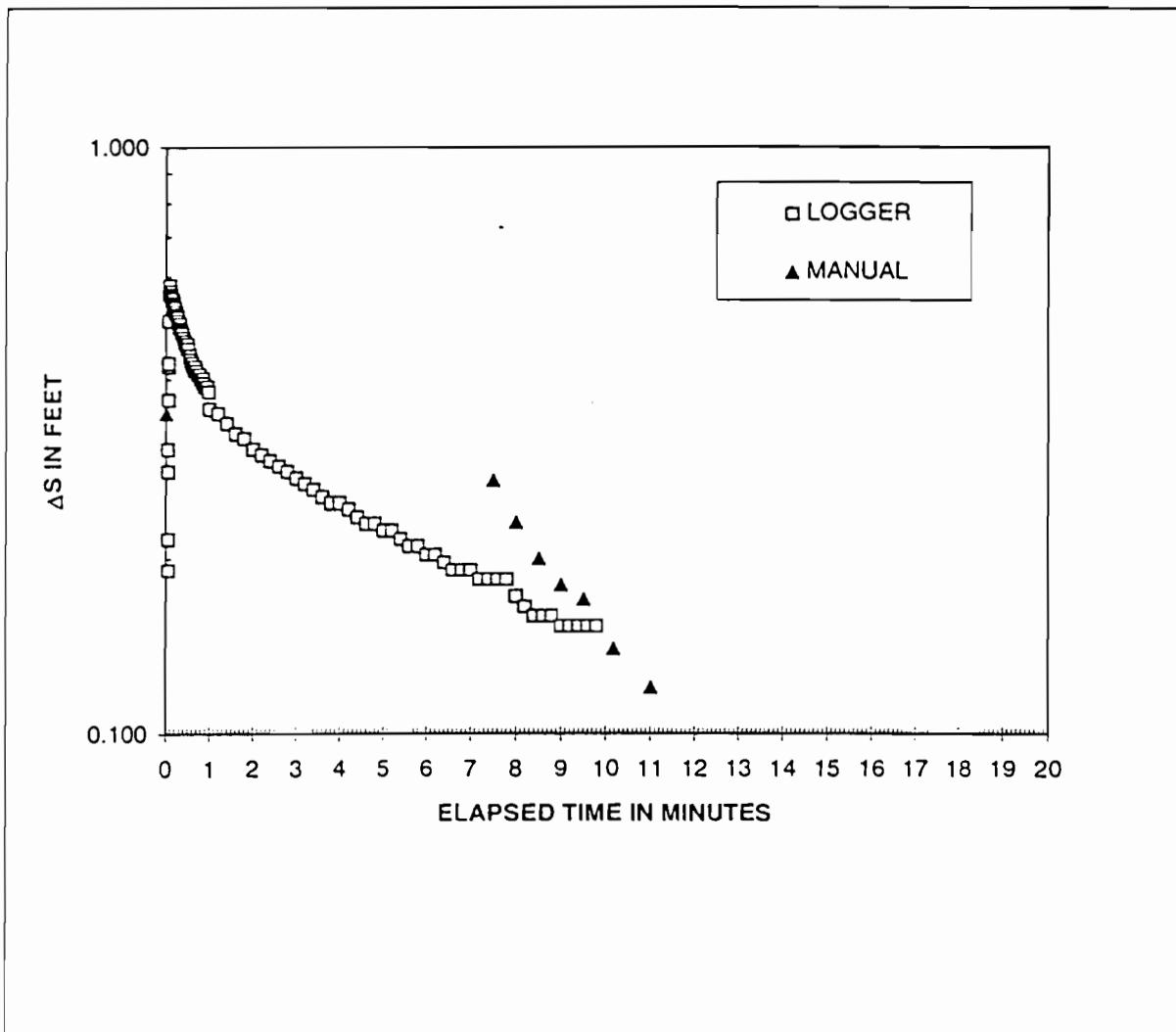
MW-4S
LOGGER DATA



NYSDEC - VALLEY FALLS

MW-4S
MANUAL READINGS

MIN	SEC	DEPTH TO WATER (FT)	ELAPSED TIME (MIN)	ΔS (FT)
00	00	5.82	0.00	0.00
07	30	6.17	7.50	0.35
08	00	6.09	8.00	0.27
08	30	6.05	8.50	0.23
09	00	6.02	9.00	0.20
09	30	6.00	9.50	0.18
10	10	5.99	10.17	0.17
11	00	5.96	11.00	0.14
12	00	5.94	12.00	0.12
15	00	5.90	15.00	0.08
20	00	5.86	20.00	0.04
30	00	5.84	30.00	0.02
40	00	5.82	40.00	0.00



ENGINEERING-SCIENCE, INC.
290 ELWOOD DAVIS ROAD
SUITE 312
LIVERPOOL, NY 13088

Client: NYSE
Location: VALLEY FALLS

AQUIFER TEST DATA FORM Well No.: MW4S Job No.: _____

Measuring Point (+/- LS) _____ ft.

Data Logger Test No. 4

Depth - Total (TOC) 11 ft.

Casing Diameter: in

Data Logger; Input No.

Depth to Screen Top (TOC) _____ ft.

Kerchisel Diameter: _____ in.

Depth to Screen Bottom (TOC) _____ ft.

Depth to Transducer (TOC) _____ ft.

OBSERVATION WELLS

SE1000C
Environmental Logger
04/11 12:34

Unit# 00549 Test 4

Setups: INPUT 1

Type Level (F)
Mode TOC
I.D. 00032

Reference 5.82
Linearity 0.010
Scale factor 20.140
Offset 0.010
Delay mSEC 50.000

Step 0 04/11 08:56:29 .

MW-4S LOGGER DATA

Elapsed Time	INPUT 1	ΔS	(FT)	correction: -0.019	CORRECTED ΔS
0.00	5.813	0.00	-0.019		
0.00	5.82	0.01	-0.012		
0.01	5.82	0.01	-0.012		
0.01	5.813	0.00	-0.019		
0.01	5.82	0.01	-0.012		
0.02	5.82	0.01			
0.02	5.82	0.01	-0.012		
0.02	5.781	-0.03	-0.051		
0.03	5.807	-0.01	-0.025		
0.03	5.8	-0.01	-0.032		
0.03	5.807	-0.01	-0.025		
0.04	5.794	-0.02	-0.038		
0.04	5.781	-0.03	-0.051		
0.04	5.762	-0.05			
0.05	6.118	0.31	0.286		
0.05	6.029	0.22	0.197		
0.05	6.093	0.28	0.261		
0.06	6.029	0.22	0.197		
0.06	6.004	0.19	0.172		
0.06	6.182	0.37	0.35		
0.07	6.233	0.42	0.401		
0.07	6.239	0.43	0.407		
0.07	6.315	0.50	0.483		

MW-4S LOGGER DATA

correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.08	6.372	0.56	0.54
0.08	6.385	0.57	0.553
0.08	6.372	0.56	0.54
0.09	6.379	0.57	0.547
0.09	6.385	0.57	0.553
0.09	6.391	0.58	0.559
0.10	6.379	0.57	0.547
0.10	6.372	0.56	0.54
0.10	6.372	0.56	0.54
0.11	6.379	0.57	0.547
0.11	6.372	0.56	0.54
0.11	6.366	0.55	0.534
0.12	6.372	0.56	0.54
0.12	6.372	0.56	0.54
0.12	6.366	0.55	0.534
0.13	6.36	0.55	0.528
0.13	6.366	0.55	0.534
0.13	6.36	0.55	0.528
0.14	6.36	0.55	0.528
0.14	6.36	0.55	0.528
0.14	6.36	0.55	0.528
0.15	6.36	0.55	0.528
0.15	6.36	0.55	0.528
0.15	6.353	0.54	0.521
0.16	6.353	0.54	0.521
0.16	6.353	0.54	0.521
0.16	6.353	0.54	0.521
0.17	6.36	0.55	0.528
0.17	6.353	0.54	0.521
0.17	6.353	0.54	0.521
0.18	6.347	0.53	0.515
0.18	6.347	0.53	0.515
0.18	6.353	0.54	0.521
0.19	6.347	0.53	0.515
0.19	6.341	0.53	0.509
0.19	6.341	0.53	0.509
0.20	6.341	0.53	0.509
0.20	6.341	0.53	0.509
0.20	6.334	0.52	0.502
0.21	6.334	0.52	0.502
0.21	6.334	0.52	0.502
0.21	6.341	0.53	0.509
0.22	6.334	0.52	0.502
0.22	6.334	0.52	0.502

MW-4S LOGGER DATA

correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.22	6.334	0.52	0.502
0.23	6.334	0.52	0.502
0.23	6.334	0.52	0.502
0.23	6.334	0.52	0.502
0.24	6.334	0.52	0.502
0.24	6.328	0.52	0.496
0.24	6.328	0.52	0.496
0.25	6.328	0.52	0.496
0.25	6.328	0.52	0.496
0.25	6.328	0.52	0.496
0.26	6.328	0.52	0.496
0.26	6.322	0.51	0.49
0.26	6.322	0.51	0.49
0.27	6.322	0.51	0.49
0.27	6.322	0.51	0.49
0.27	6.322	0.51	0.49
0.28	6.322	0.51	0.49
0.28	6.315	0.50	0.483
0.28	6.315	0.50	0.483
0.29	6.315	0.50	0.483
0.29	6.302	0.49	0.47
0.29	6.302	0.49	0.47
0.30	6.302	0.49	0.47
0.30	6.302	0.49	0.47
0.30	6.309	0.50	0.477
0.31	6.309	0.50	0.477
0.31	6.302	0.49	0.47
0.31	6.302	0.49	0.47
0.32	6.302	0.49	0.47
0.32	6.309	0.50	0.477
0.32	6.309	0.50	0.477
0.33	6.302	0.49	0.47
0.33	6.309	0.50	0.477
0.33	6.302	0.49	0.47
0.35	6.302	0.49	0.47
0.37	6.296	0.48	0.464
0.38	6.29	0.48	0.458
0.40	6.29	0.48	0.458
0.42	6.283	0.47	0.451
0.43	6.277	0.46	0.445
0.45	6.277	0.46	0.445
0.47	6.271	0.46	0.439
0.48	6.271	0.46	0.439
0.50	6.264	0.45	0.432

MW-4S LOGGER DATA

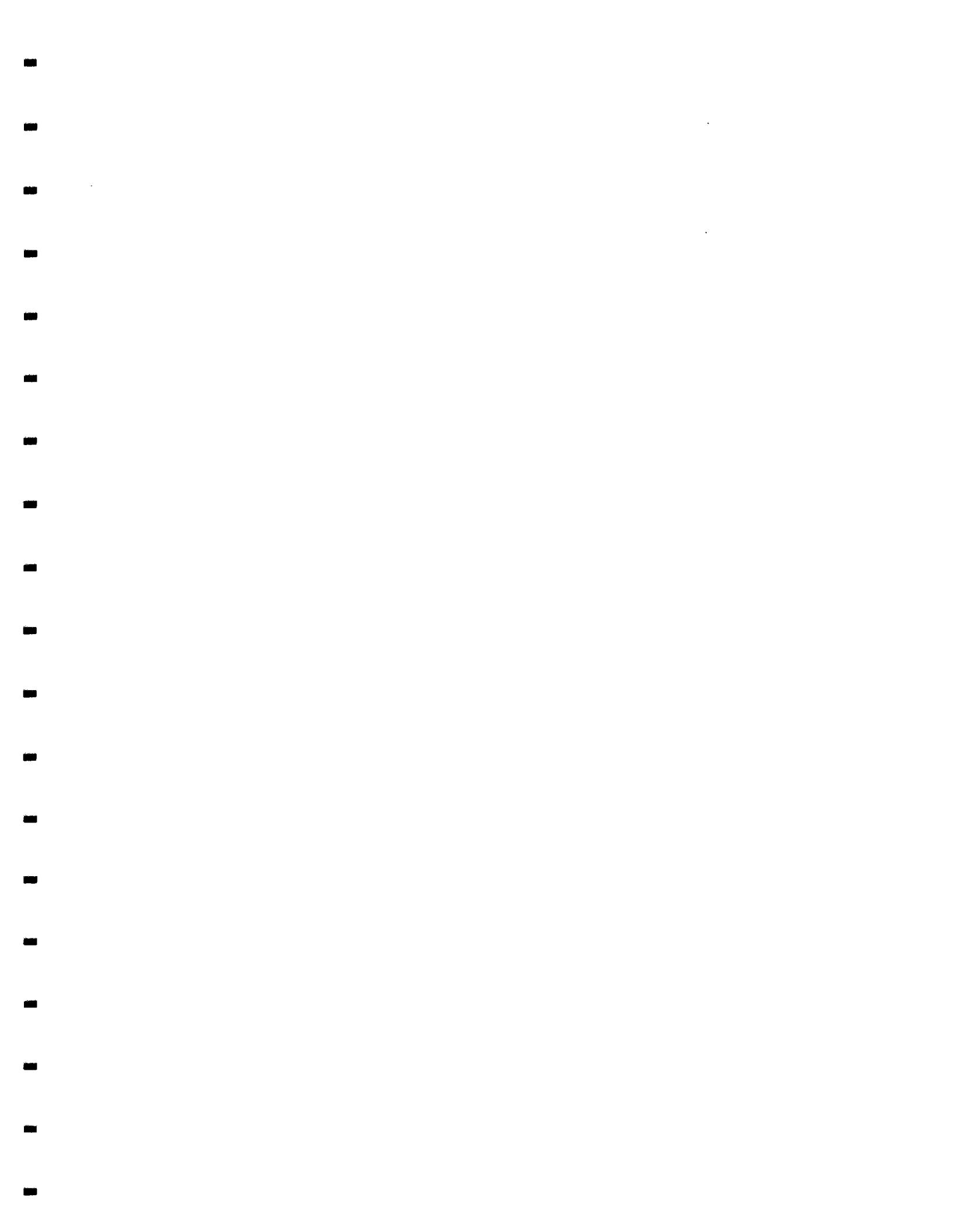
correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.52	6.271	0.46	0.439
0.53	6.264	0.45	0.432
0.55	6.252	0.44	0.42
0.57	6.252	0.44	0.42
0.58	6.245	0.43	0.413
0.60	6.239	0.43	0.407
0.62	6.239	0.43	0.407
0.63	6.233	0.42	0.401
0.65	6.233	0.42	0.401
0.67	6.226	0.41	0.394
0.68	6.233	0.42	0.401
0.70	6.226	0.41	0.394
0.72	6.226	0.41	0.394
0.73	6.22	0.41	0.388
0.75	6.22	0.41	0.388
0.77	6.22	0.41	0.388
0.78	6.22	0.41	0.388
0.80	6.214	0.40	0.382
0.82	6.214	0.40	0.382
0.83	6.214	0.40	0.382
0.85	6.207	0.39	0.375
0.87	6.214	0.40	0.382
0.88	6.207	0.39	0.375
0.90	6.201	0.39	0.369
0.92	6.201	0.39	0.369
0.93	6.201	0.39	0.369
0.95	6.201	0.39	0.369
0.97	6.201	0.39	0.369
0.98	6.194	0.38	0.362
1.00	6.194	0.38	0.362
1.20	6.169	0.36	0.337
1.40	6.163	0.35	0.331
1.60	6.15	0.34	0.318
1.80	6.137	0.32	0.305
2.00	6.131	0.32	0.299
2.20	6.118	0.31	0.286
2.40	6.112	0.30	0.28
2.60	6.105	0.29	0.273
2.80	6.099	0.29	0.267
3.00	6.093	0.28	0.261
3.20	6.086	0.27	0.254
3.40	6.08	0.27	0.248
3.60	6.074	0.26	0.242
3.80	6.067	0.25	0.235

MW-4S LOGGER DATA

correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
4.00	6.061	0.25	0.229
4.20	6.061	0.25	0.229
4.40	6.055	0.24	0.223
4.60	6.048	0.24	0.216
4.80	6.042	0.23	0.21
5.00	6.042	0.23	0.21
5.20	6.036	0.22	0.204
5.40	6.036	0.22	0.204
5.60	6.029	0.22	0.197
5.80	6.023	0.21	0.191
6.00	6.023	0.21	0.191
6.20	6.016	0.20	0.184
6.40	6.016	0.20	0.184
6.60	6.01	0.20	0.178
6.80	6.004	0.19	0.172
7.00	6.004	0.19	0.172
7.20	6.004	0.19	0.172
7.40	5.997	0.18	0.165
7.60	5.997	0.18	0.165
7.80	5.997	0.18	0.165
8.00	5.997	0.18	0.165
8.20	5.985	0.17	0.153
8.40	5.978	0.17	0.146
8.60	5.972	0.16	0.14
8.80	5.972	0.16	0.14
9.00	5.972	0.16	0.14
9.20	5.966	0.15	0.134
9.40	5.966	0.15	0.134
9.60	5.966	0.15	0.134
9.80	5.966	0.15	0.134
10.00	5.966	0.15	0.134
12.00	5.953	0.14	0.121
14.00	5.934	0.12	0.102
16.00	5.934	0.12	0.102
18.00	5.928	0.12	0.096
20.00	5.928	0.12	0.096
22.00	5.921	0.11	0.089
24.00	5.915	0.10	0.083
26.00	5.915	0.10	0.083
28.00	5.915	0.10	0.083
30.00	5.915	0.10	0.083
32.00	5.915	0.10	0.083
34.00	5.915	0.10	0.083
36.00	5.908	0.10	0.076



SLUGCOMP.XLS

S.J. Rossello, March 1988

Modified 6/10/92

Converted to EXCEL April, 1996

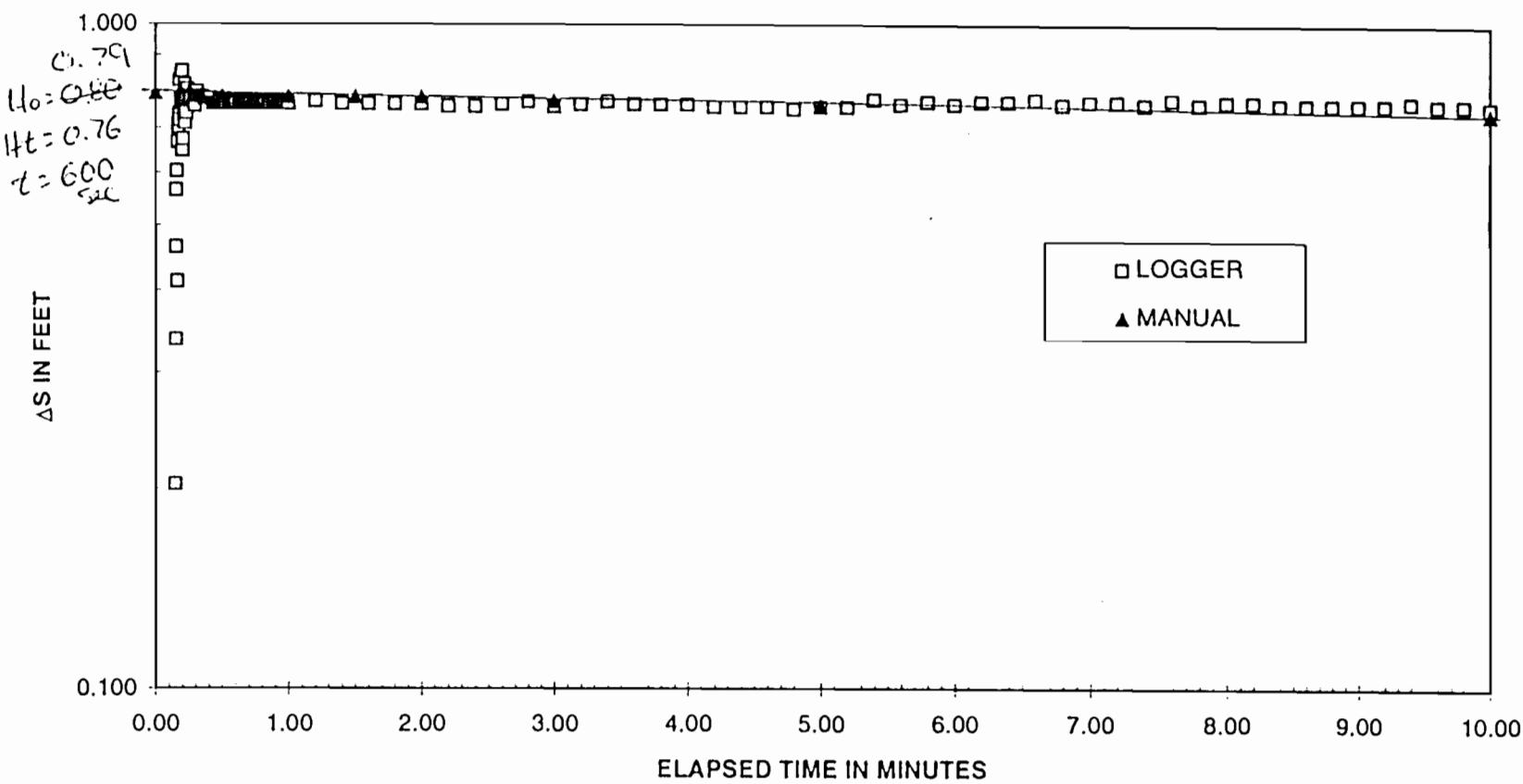
Project: NYSDEC - VALLEY FALLS Project No.: 728726.01000 Well No.: MW-4D Test Date: 4/10/96 Formation Tested: rock Rising (R) or Falling (F) Head Test: rising				
Parameter	Units	Value	unit conversion (cm)	Slug test variables
Stickup	ft	0.00	0.00	
Static Water Level	ft	33.96	1035.10	1035.10 SW
Depth to bottom of screen (from ground level)	ft	59.00	1798.32	763.22 H
Boring Diameter	in	4.00	10.16	5.08 Rw
Casing Diameter	in	4.00	10.16	5.08 Rc
Screen Diameter	in	4.00	10.16	10.16 DS
Screen Length	ft	28.00	853.44	763.22 L
Depth to Boundary	ft	59.00	1798.32	763.22 D
Delta H at time 0 (Y0)	ft	0.79	24.08	24.08 H0 (Y0)
Delta H at Time t (Yt)	ft	0.76	23.16	23.16 Ht (Yt)
Time	sec	600		600.00 t
Ratio Kh/Kv		1		1.00 M
Porosity of Filter Pack				0.00 P
RESULTS	cm/sec	m/sec		ft/day
K (Bouwer-Rice)	4.3E-06	4.26E-08		1.21E-02

REFERENCES:

- Herman Bouwer, 1989. "The Bouwer and Rice Slug Test - An Update". Ground Water vol. 27, no. 3, May-June 1989.
- H. Bouwer, and R.C. Rice. 1976. A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers Completely or Partially Penetrating Wells". Water Resources Research. vol 12, no. 3, June 1976.
- M.J. Hvorslev. 1951. Time lag and soil permeability in groundwater observations. U.S. Army Corps Engineers Waterways Station, Vikburg, MS. Bulletin 36.

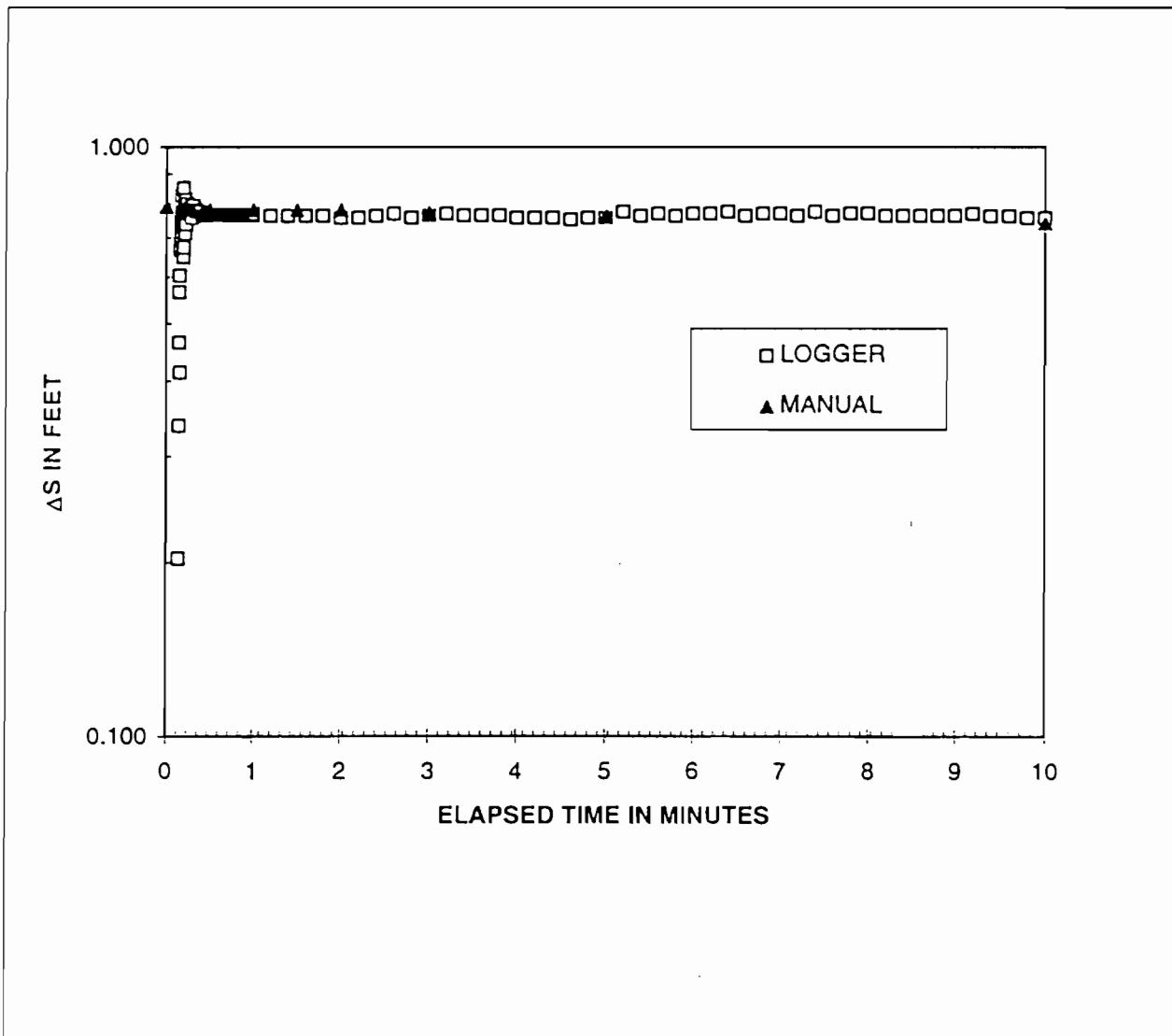
NYSDEC - VALLEY FALLS

MW-4D
LOGGER DATA



MW-4D
MANUAL READINGS

MIN	SEC	DEPTH TO WATER (FT)	ELAPSED TIME (MIN)	ΔS (FT)
00	00	33.96	0.00	0.00
00	30	33.17	0.50	0.79
01	00	33.18	1.00	0.78
01	30	33.18	1.50	0.78
02	00	33.18	2.00	0.78
03	00	33.18	3.00	0.78
05	00	33.19	5.00	0.77
10	00	33.20	10.00	0.76
30	00	33.22	30.00	0.74
60	00	33.27	60.00	0.69



Client: NYSDEC
Location: JANNEY EACS

AQUIFER TEST DATA FORM

Well No.: Merle D Job No.:

Measuring Point (+/- LS) ft.

Data Logger Test No. 5

Depth - Total (TOC) ft.

Casing Diameter in

Data Logger Input No. 1

Depth to Screen Top (TCC) 1.

Morchole Diameter: in.

Depth to Screen Bottom (TOC) ft.

Depth to Transducer (TOC)

OBSERVATION WELLS

SE1000C
Environmental Logger
04/11 12:34

Unit# 00549 Test 5

Setups: INPUT 1

Type Level (F)
Mode TOC
I.D. 00032

Reference 33.96
Linearity 0.010
Scale factor 20.140
Offset 0.010
Delay mSEC 50.000

Step 0 04/11 08:56:29

MW-4D LOGGER DATA

Elapsed Time	INPUT 1	ΔS (FT)	correction: -0.019	CORRECTED ΔS
0.00	33.953	0.00	-0.019	
0.00	33.953	0.00	-0.019	
0.01	33.953	0.00	-0.019	
0.01	33.953	0.00	-0.019	
0.01	33.953	0.00	-0.019	
0.02	33.953	0.00		
0.02	33.953	0.00	-0.019	
0.02	33.953	0.00	-0.019	
0.03	33.953	0.00	-0.019	
0.03	33.953	0.00	-0.019	
0.03	33.953	0.00	-0.019	
0.04	33.96	-0.01	-0.026	
0.04	33.953	0.00	-0.019	
0.04	33.953	0.00		
0.05	33.953	0.00	-0.019	
0.05	33.953	0.00	-0.019	
0.05	33.953	0.00	-0.019	
0.06	33.953	0.00	-0.019	
0.06	33.96	-0.01	-0.026	
0.06	33.953	0.00	-0.019	
0.07	33.953	0.00	-0.019	
0.07	33.96	-0.01	-0.026	
0.07	33.953	0.00	-0.019	

MW-4D LOGGER DATA

correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.08	33.96	-0.01	-0.026
0.08	33.953	0.00	-0.019
0.08	33.953	0.00	-0.019
0.09	33.953	0.00	-0.019
0.09	33.953	0.00	-0.019
0.09	33.96	-0.01	-0.026
0.10	33.953	0.00	-0.019
0.10	33.96	-0.01	-0.026
0.10	33.953	0.00	-0.019
0.11	33.96	-0.01	-0.026
0.11	33.953	0.00	-0.019
0.11	33.953	0.00	-0.019
0.12	33.953	0.00	-0.019
0.12	33.953	0.00	-0.019
0.13	33.953	0.00	-0.019
0.13	33.953	0.00	-0.019
0.13	33.953	0.00	-0.019
0.14	33.953	0.00	-0.019
0.14	33.953	0.00	-0.019
0.14	33.953	0.00	-0.019
0.15	33.75	0.20	0.184
0.15	33.616	0.34	0.318
0.15	33.489	0.46	0.445
0.16	33.388	0.57	0.546
0.16	33.35	0.60	0.584
0.16	33.54	0.41	0.394
0.17	33.286	0.67	0.648
0.17	33.241	0.71	0.693
0.17	33.254	0.70	0.68
0.18	33.216	0.74	0.718
0.18	33.127	0.83	0.807
0.18	33.235	0.72	0.699
0.19	33.191	0.76	0.743
0.19	33.184	0.77	0.75
0.19	33.178	0.78	0.756
0.20	33.184	0.77	0.75
0.20	33.102	0.85	0.832
0.20	33.305	0.65	0.629
0.21	33.28	0.67	0.654
0.21	33.191	0.76	0.743
0.21	33.172	0.78	0.762
0.22	33.222	0.73	0.712
0.22	33.14	0.81	0.794

MW-4D LOGGER DATA

correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.22	33.241	0.71	0.693
0.23	33.203	0.75	0.731
0.23	33.184	0.77	0.75
0.23	33.216	0.74	0.718
0.24	33.153	0.80	0.781
0.24	33.153	0.80	0.781
0.24	33.153	0.80	0.781
0.25	33.184	0.77	0.75
0.25	33.172	0.78	0.762
0.25	33.178	0.78	0.756
0.26	33.172	0.78	0.762
0.26	33.184	0.77	0.75
0.26	33.178	0.78	0.756
0.27	33.184	0.77	0.75
0.27	33.172	0.78	0.762
0.27	33.184	0.77	0.75
0.28	33.172	0.78	0.762
0.28	33.184	0.77	0.75
0.28	33.172	0.78	0.762
0.29	33.165	0.79	0.769
0.29	33.165	0.79	0.769
0.29	33.165	0.79	0.769
0.30	33.197	0.76	0.737
0.30	33.172	0.78	0.762
0.30	33.159	0.79	0.775
0.31	33.172	0.78	0.762
0.31	33.172	0.78	0.762
0.31	33.159	0.79	0.775
0.32	33.172	0.78	0.762
0.32	33.172	0.78	0.762
0.32	33.172	0.78	0.762
0.33	33.172	0.78	0.762
0.33	33.172	0.78	0.762
0.33	33.172	0.78	0.762
0.35	33.172	0.78	0.762
0.37	33.178	0.78	0.756
0.38	33.178	0.78	0.756
0.40	33.178	0.78	0.756
0.42	33.178	0.78	0.756
0.43	33.191	0.76	0.743
0.45	33.191	0.76	0.743
0.47	33.191	0.76	0.743
0.48	33.184	0.77	0.75
0.50	33.191	0.76	0.743

MW-4D LOGGER DATA

correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
0.52	33.184	0.77	0.75
0.53	33.191	0.76	0.743
0.55	33.184	0.77	0.75
0.57	33.184	0.77	0.75
0.58	33.184	0.77	0.75
0.60	33.184	0.77	0.75
0.62	33.184	0.77	0.75
0.63	33.191	0.76	0.743
0.65	33.184	0.77	0.75
0.67	33.184	0.77	0.75
0.68	33.184	0.77	0.75
0.70	33.184	0.77	0.75
0.72	33.184	0.77	0.75
0.73	33.191	0.76	0.743
0.75	33.184	0.77	0.75
0.77	33.184	0.77	0.75
0.78	33.191	0.76	0.743
0.80	33.184	0.77	0.75
0.82	33.191	0.76	0.743
0.83	33.184	0.77	0.75
0.85	33.184	0.77	0.75
0.87	33.191	0.76	0.743
0.88	33.191	0.76	0.743
0.90	33.184	0.77	0.75
0.92	33.191	0.76	0.743
0.93	33.191	0.76	0.743
0.95	33.184	0.77	0.75
0.97	33.191	0.76	0.743
0.98	33.184	0.77	0.75
1.00	33.191	0.76	0.743
1.20	33.184	0.77	0.75
1.40	33.191	0.76	0.743
1.60	33.191	0.76	0.743
1.80	33.191	0.76	0.743
2.00	33.191	0.76	0.743
2.20	33.197	0.76	0.737
2.40	33.197	0.76	0.737
2.60	33.191	0.76	0.743
2.80	33.184	0.77	0.75
3.00	33.197	0.76	0.737
3.20	33.191	0.76	0.743
3.40	33.184	0.77	0.75
3.60	33.191	0.76	0.743
3.80	33.191	0.76	0.743

MW-4D LOGGER DATA

correction: -0.019

Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
4.00	33.191	0.76	0.743
4.20	33.197	0.76	0.737
4.40	33.197	0.76	0.737
4.60	33.197	0.76	0.737
4.80	33.203	0.75	0.731
5.00	33.197	0.76	0.737
5.20	33.197	0.76	0.737
5.40	33.178	0.78	0.756
5.60	33.191	0.76	0.743
5.80	33.184	0.77	0.75
6.00	33.191	0.76	0.743
6.20	33.184	0.77	0.75
6.40	33.184	0.77	0.75
6.60	33.178	0.78	0.756
6.80	33.191	0.76	0.743
7.00	33.184	0.77	0.75
7.20	33.184	0.77	0.75
7.40	33.191	0.76	0.743
7.60	33.178	0.78	0.756
7.80	33.191	0.76	0.743
8.00	33.184	0.77	0.75
8.20	33.184	0.77	0.75
8.40	33.191	0.76	0.743
8.60	33.191	0.76	0.743
8.80	33.191	0.76	0.743
9.00	33.191	0.76	0.743
9.20	33.191	0.76	0.743
9.40	33.184	0.77	0.75
9.60	33.191	0.76	0.743
9.80	33.191	0.76	0.743
10.00	33.197	0.76	0.737
12.00	33.197	0.76	0.737
14.00	33.197	0.76	0.737
16.00	33.203	0.75	0.731
18.00	33.216	0.74	0.718
20.00	33.21	0.74	0.724
22.00	33.216	0.74	0.718
24.00	33.216	0.74	0.718
26.00	33.222	0.73	0.712
28.00	33.229	0.72	0.705
30.00	33.229	0.72	0.705
32.00	33.229	0.72	0.705
34.00	33.235	0.72	0.699
36.00	33.229	0.72	0.705

MW-4D LOGGER DATA

correction: -0.019

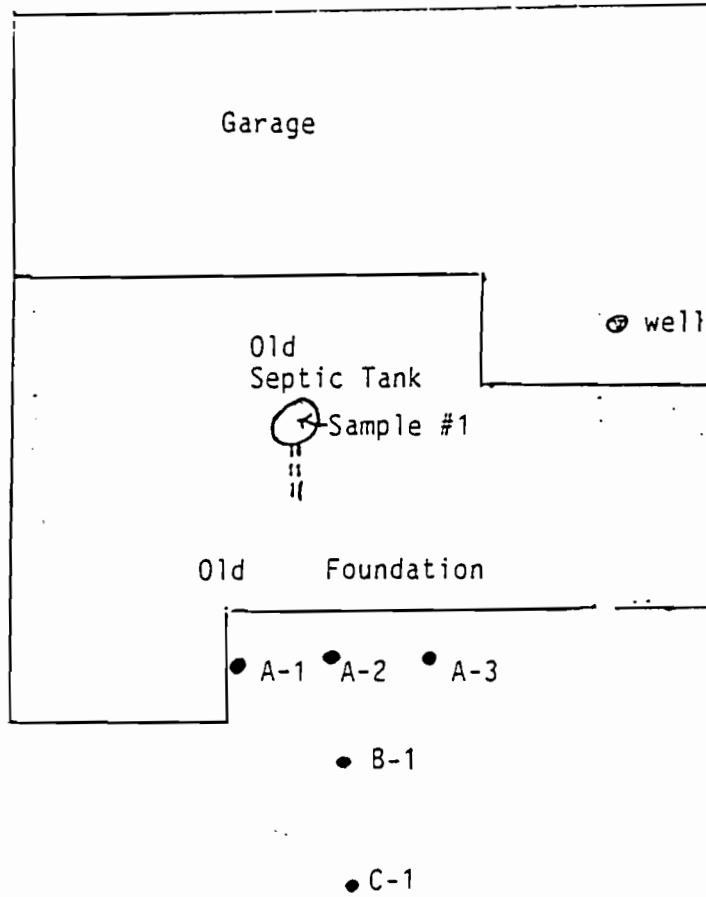
Elapsed Time	INPUT 1	ΔS (FT)	CORRECTED ΔS
38.00	33.229	0.72	0.705
40.00	33.235	0.72	0.699
42.00	33.241	0.71	0.693
44.00	33.248	0.71	0.686
46.00	33.248	0.71	0.686
48.00	33.248	0.71	0.686
50.00	33.254	0.70	0.68
52.00	33.261	0.69	0.673
54.00	33.261	0.69	0.673
56.00	33.261	0.69	0.673
58.00	33.261	0.69	0.673
60.00	33.261	0.69	0.673

Appendix F

Laboratory Data Sheets

Preliminary Sampling
Surface Soil
&
Grab Sample From Old Septic Tank
September 1995

Valley Falls Dry Cleaner
Site No. 442028



Summary of Analytical Results
(taken 9/18/95)

Water

Sample #1 - PCE - 8 ppb
TCE - 2 (j)ppb
CIS-1,2, dichloroethene 1 (j)ppb

Soil

A-1 - PCE - 18 ppb
B-1 - PCE - 58 ppb
C-1 - PCE - 3 (j)ppb
A-2 - PCE - 27 ppb
A-3 - PCE - 36 ppb

FIGURE 8: VALLEY FALLS SAMPLING RESULTS
SEPTEMBER 18, 1995

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRYCLEANERS

FIELD ID: UMA #1 GRAB

SITE CODE: 442028

PERCENT SOLIDS: NA

SAMPLE NUMBER: 495-262-01

MATRIX: WATER

SUBMISSION DATE: 09/19/95

ARCHIVE NO.: U26201

ANALYSIS DATE: 09/19/95

DATA FILE NO.: 95048U7A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	1.0		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbon tetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	2.0		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	8		
Dibromoethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND		ND = LESS THAN 5 PPB
Styrene	ND		
Bromoform	ND		ALL CONCENTRATIONS LESS THAN
1,1,2-Tetrachloroethane	ND		5 PPB ARE ESTIMATES
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRYCLEANERS

FIELD ID: 1A - 10.25HRS

SITE CODE: 442028

PERCENT SOLIDS: 94%

SAMPLE NUMBER: 495-262-102

MATRIX: SOIL

SUBMISSION DATE: 09/19/95

ARCHIVE NO.: U26202

ANALYSIS DATE: 09/21/95

DATA FILE NO.: 9504822A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	18		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND		ND = LESS THAN 5 PPB
Styrene	ND		
Bromoform	ND		ALL CONCENTRATIONS LESS THAN
1122Tetrachloroethane	ND		5 PPB ARE ESTIMATES
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRYCLEANERS

FIELD ID: 81 - 10.40HRS

SITE CODE: 442028

PERCENT SOLIDS: 96%

SAMPLE NUMBER: 495-262-03

MATRIX: SOIL

SUBMISSION DATE: 09/19/95

ARCHIVE NO.: U26203

ANALYSIS DATE: 09/21/95

DATA FILE NO.: 9504823A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethane	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	58		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND	NO = LESS THAN 5 PPB	
Styrene	ND		
Bromoform	ND	ALL CONCENTRATIONS LESS THAN	
1,1,2-Tetrachloroethane	ND	5 PPB ARE ESTIMATES	
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRYCLEANERS

FIELD ID: C1 - 10.50HRS

SITE CODE: 442028

PERCENT SOLIDS: 95%

SAMPLE NUMBER: 495-262-04

MATRIX: SOIL

SUBMISSION DATE: 09/19/95

ARCHIVE NO.: U26204

ANALYSIS DATE: 09/21/95

DATA FILE NO.: 9504824A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pantanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	3.0		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND	ND = LESS THAN 5 PPB	
Styrene	ND		
Bromoform	ND	ALL CONCENTRATIONS LESS THAN	
1122Tetrachloroethane	ND	5 PPB ARE ESTIMATES	
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRYCLEANERS

FIELD ID: 2A - 10.55HRS

SITE CODE: 442028

PERCENT SOLIDS: 94%

SAMPLE NUMBER: 445-262-05

MATRIX: SOIL

SUBMISSION DATE: 09/19/95

ARCHIVE NO.: 026205

ANALYSIS DATE: 09/22/95

DATA FILE NO.: 9504828A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbon tetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	27		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND		NO = LESS THAN 5 PPB
Styrene	ND		
Bromoform	ND		ALL CONCENTRATIONS LESS THAN
1122Tetrachloroethane	ND		5 PPB ARE ESTIMATES
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRYCLEANERS

FIELD ID: 3A - 11.05HR3

SITE CODE: 447029

PERCENT SOLIDS: 96%

SAMPLE NUMBER: 495-262-06

MATRIX: SOIL

SUBMISSION DATE: 09/19/95

ARCHIVE NO.: U26206

ANALYSIS DATE: 09/22/95

DATA FILE NO.: 9504829A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	36		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND		NO = LESS THAN 5 PPB
Styrene	ND		
Bromoform	ND		ALL CONCENTRATIONS LESS THAN
1122Tetrachloroethane	ND		5 PPB ARE ESTIMATES
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRYCLEANERS

FIELD ID: TRIP BLANK

SITE CODE: 442029

PERCENT SOLIDS: NA

SAMPLE NUMBER: 495-262-07

MATRIX: WATER

SUBMISSION DATE: 09/19/95

ARCHIVE NO.: U26207

ANALYSIS DATE: 09/19/95

DATA FILE NO.: 9504B02A.D

COMPOUND	CONC (PPB)		COMPOUND	CONC (PPB)
Vinyl Chloride	ND		4 - Chlorotoluene	ND
Bromomethane	ND		1,3 - Dichlorobenzene	ND
Chloroethane	ND		1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND		1,2 - Dichlorobenzene	ND
Acetone	ND		1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND		1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND			
Methylene Chloride	ND			
trans-1,2-Dichloroethene	ND			
1,1-Dichloroethane	ND			
Vinyl Acetate	ND			
2-Butanone	ND			
cis-1,2-Dichloroethene	ND			
Chloroform	ND			
1,1,1-Trichloroethane	ND			
Carbon tetrachloride	ND			
1,2-Dichloroethane	ND			
Benzene	ND			
Trichloroethene	ND			
1,2-Dichloropropane	ND			
Bromodichloromethane	ND			
4-Methyl-2-Pentanone	ND			
cis-1,3-Dichloropropene	ND			
Toluene	ND			
trans-1,3-Dichloropropene	ND			
1,1,2-Trichloroethane	ND			
2-Hexanone	ND			
Tetrachloroethene	ND			
Dibromochloromethane	ND			
Chlorobenzene	ND			
Ethylbenzene	ND			
M,P-Xylene	ND			
O-Xylene	ND		ND = LESS THAN 5 PPB	
Styrene	ND			
Bromoform	ND		ALL CONCENTRATIONS LESS THAN	
1122Tetrachloroethane	ND		5 PPB ARE ESTIMATES	
2-Chlorotoluene	ND			

Three Core Samples From
Soil Gas Hot Spots

December 1995

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: SS2

SITE CODE: 442028

PERCENT SOLIDS: 94%

SAMPLE NUMBER: 495-348-02

MATRIX: SOIL

SUBMISSION DATE: 12/14/95

ARCHIVE NO.: U34802

ANALYSIS DATE: 12/15/95

DATA FILE NO.: 9506885A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	22		
Bromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND		ND = LESS THAN 6 PPB
Styrene	ND		
Chloroform	ND		
1122Tetrachloroethane	ND		ALL CONCENTRATIONS LESS THAN
2-Chlorotoluene	ND		6 PPB ARE ESTIMATES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: S63

SITE CODE: 442028

PERCENT SOLIDS: 86%

SAMPLE NUMBER: 495-348-03

MATRIX: SOIL

SUBMISSION DATE: 12/14/95

ARCHIVE NO.: U34803

ANALYSIS DATE: 12/15/95

DATA FILE NO.: 9506B86A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbon tetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	6		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	28		
Bromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
1,3-Xylylene	ND		
1,4-Xylylene	ND		
Styrene	ND		
Chloroform	ND		
1,1,2-Tetrachloroethane	ND		
1-Chlorotoluene	ND		
		ND = LESS THAN 6 PPB	
		ALL CONCENTRATIONS LESS THAN	
		6 PPB ARE ESTIMATED	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: SSI (GP49)

SITE CODE: 442028

PERCENT SOLIDS: 90%

SAMPLE NUMBER: 495-348-01

MATRIX: SOIL

SUBMISSION DATE: 12/14/95

ARCHIVE NO.: U34801

ANALYSIS DATE: 12/15/95

DATA FILE NO.: 9506884A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethane	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
cis-1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbon tetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromo-dichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	28		
Chloromethylbenzene	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
m,p-Xylenes	ND		
o-Xylene	ND		
Styrene	ND		
Bromotform	ND		
1100Tetrachloroethane	ND		
2-Chlorotoluene	ND		
		ND = LESS THAN 5 PPB	
		ALL CONCENTRATIONS LESS THAN	
		5 PPB ARE ESTIMATES	

Soil Gas Results

December 1995

PARSONS ENGINEERING SCIENCE, INC.

290 Elwood Davis Road, Suite 312 • Liverpool, New York 13088 • (315) 451-9560 • Fax (315) 451-9570

MAR 11 1996

LETTER OF TRANSMITTAL

To: N.Y.S. Department of Environmental Conservation
50 Wolf Road, Room 228
Albany, N.Y. 12233-7010

Attn: Ms. Kathryn Eastman

Date: March 7, 1996
File No: 728726(6)
Subject: Valley Falls RI
NYSDEC Site No. 442028

Please find enclosed the following items:

- 1 Copy, Soil Gas Survey Data Package.
- 1 Copy, Field Sketch of Sample Locations.

These are transmitted as checked below:

For Your Information For Your Use Approved as Noted
 As Requested For Approval For Review

Remarks: _____

Signed: D. Chaffin
David Chaffin
Project Manager

Summarized Results of Groundwater Sapis Analysis
Persons ES
Valley Falls, NY

Sample ID	TCE (ug)	TCE (ppmv)	PCE (ug)	PCE (ppmv)	DCE (ug)	NON-TARGET VOCs (Total Area Count)
BLANK	ND	ND	ND	ND	ND	12.9
SYRINGE	ND	ND	ND	ND	ND	ND
10:1 DIL	1.465	27.25	1.823	23.87	1.443	166
5:1 DIL	2.93	54.50	3.245	47.75	2.996	336
2:1 DIL	7.325	136.25	8.115	119.37	7.215	477
BLANK	ND	ND	ND	ND	ND	19
GP-1	ND	ND	0.21	3.09	ND	ND
GP-2	ND	ND	0.17	2.50	ND	ND
GP-3	ND	ND	0.61	8.97	ND	ND
GP-4	ND	ND	0.47	6.91	ND	ND
GP-5	ND	ND	0.26	3.82	ND	ND
GP-6	ND	ND	0.05	0.74	ND	ND
GP-7	ND	ND	ND	ND	ND	ND
BLANK	ND	ND	ND	ND	ND	ND
GP-8	ND	ND	ND	ND	ND	ND
GP-9	ND	ND	ND	ND	ND	ND
GP-11	ND	ND	ND	ND	ND	ND
STD	0.25	4.65	1.58	23.24	NA	176
BLANK	ND	ND	ND	ND	ND	ND
GP-12	ND	ND	ND	ND	ND	ND
GP-13	ND	ND	ND	ND	ND	ND
GP-14	ND	ND	ND	ND	ND	ND
GP-15	NS	ND	NS	NS	NS	NS
GP-16	ND	ND	0.004	0.06	ND	17.2
GP-17	ND	ND	0.006	0.09	ND	ND
GP-18	ND	ND	0.002	0.03	ND	ND
GP-19	ND	ND	ND	ND	ND	ND
GP-20	0.008	0.11	0.066	1.27	ND	31
GP-21	NS	NS	NS	NS	NS	NS
GP-22	ND	ND	0.004	0.06	ND	ND
GP-23	ND	ND	ND	ND	ND	ND
GP-24	ND	ND	ND	ND	ND	ND
GP-25	ND	ND	ND	ND	ND	ND
GP-26	ND	ND	ND	ND	ND	ND
GP-27	ND	ND	ND	ND	ND	ND
GP-28	ND	ND	ND	ND	ND	ND
BLANK	ND	ND	ND	ND	ND	ND
GP-29	0.004	0.07	0.116	1.74	ND	ND
GP-30	ND	ND	0.032	0.47	ND	ND
GP-31	NS	NS	NS	NS	NS	NS
GP-32	NS	NS	NS	NS	NS	NS
GP-33	0.002	0.04	0.062	0.91	ND	ND
GP-33D	0.004	0.07	0.064	1.24	ND	ND
GP-34	NS	NS	NS	NS	NS	NS
GP-35	ND	ND	0.006	0.09	ND	ND
STD	0.57	10.60	5.66	83.26	ND	ND
BLANK	ND	ND	ND	ND	ND	ND
GP-36	ND	ND	0.006	0.09	ND	ND
GP-45	ND	ND	0.01	0.15	ND	ND
GP-47	ND	ND	0.03	0.44	ND	ND
GP-50	0.02	0.37	0.238	3.50	ND	ND
GP-49	0.026	0.48	0.69	13.09	ND	ND
GP-51	ND	ND	0.008	0.12	ND	ND
GP-46	ND	ND	0.006	0.12	ND	ND
GP-53	ND	ND	0.006	0.09	ND	ND
GP-55	ND	ND	0.006	0.12	ND	ND
GP-48	ND	ND	0.004	0.06	ND	ND
GP-52	ND	ND	0.076	1.12	ND	ND
GP-56	ND	ND	0.002	0.03	ND	ND
GP-54	ND	ND	0.048	0.71	ND	ND
GP-37	ND	ND	0.002	0.03	ND	ND
GP-39	ND	ND	0.004	0.06	ND	ND
GP-40	ND	ND	0.01	0.15	ND	ND
GP-41	ND	ND	0.002	0.03	ND	ND
GP-42	ND	ND	0.004	0.06	ND	ND
GP-43	ND	ND	ND	ND	ND	ND
GP-44	ND	ND	ND	ND	ND	ND

Note:

Calculation

Rein Basis

on Volume of

sample used
in injection.

See ATTACH.

Also, my report

on chromatogram

may not correlate

w/ that index

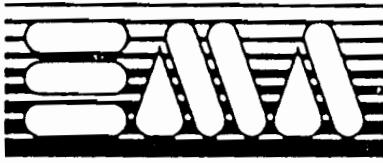
in table due to

convoluted mass

to account for

of injection

R	E	C	E	I	V	E	D
DL							
JAN : : 1996							
ES SYRACUSE							



ENVIRONMENTAL MANAGEMENT ASSOCIATES, INC.

Conversion from ug to ppm₄:

@ 25°C & 1 atm -

$$\text{Conc. (ppm}_4) = \frac{\text{Mg}}{4.1 \times 10^{-8} \times (\text{MW}) \times (H_{41})}$$

$$\text{Conc. ppm}_4 = \frac{\text{ug Result from Chromatogram}}{1,000,000 \text{ ug/g}}$$

$$4.1 \times 10^{-8} \times (\text{MW}) \times (0.05L)$$

Volume of
INJECTION.

$$\text{Conc. ppm}_4 = \frac{487.8 \times \text{RESULT}}{\text{MW}}$$

$$\therefore \text{For TCE} \quad \text{Conc. ppm}_4 = \frac{487.8}{131.1} \times \text{RESULT}$$

$$\text{TCE}_{\text{ppm}_4} = \frac{3.72 \times \text{RESULT}}{}$$

Similarly for PCE

$$\text{Conc. PCE}_{\text{ppm}_4} = \frac{2.95 \times \text{RESULT}}{}$$

PARSONS ENGINEERING SCIENCE, INC.

290 Elwood Davis Road, Suite 312 • Liverpool, New York 13088 • (315) 451-9560 • Fax (315) 451-9570

LETTER OF TRANSMITTAL

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Attn: Ms. Kathryn Eastman

Date: March 7, 1996
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NYSDEC Site No. 442028

Please find enclosed the following items:

- 1 Copy, Soil Gas Survey Data Package.
- 1 Copy, Field Sketch of Sample Locations.

These are transmitted as checked below:

For Your Information For Your Use
 As Requested For Approval

Approved as Noted
 For Review

Post-It™ brand fax transmittal memo 7671 # of pages 1

To	CLAUDINE	From	EASTMAN
Co.	NYSDOT	Co.	DEC
Dept.		Phone #	957-5677
Fax #	458-6372	Fax #	

Signed: David Chaffin
David Chaffin
Project Manager

Environmental Management Associates, Inc.
Mobile Laboratory
Sample Log

Job Site: Parsons ES - Valley Falls, NY

Sample No.	Sample ID	Date Collected	Time Collected	Time Analyzed	Description	Notes
1	INST BLANK	12/11/95	0955	0955		10cc inc
2	AIR BLANK	12/11/95	1024	1024		
3	10:1 Diluted	12/11/95	1127	1127		
4	5:1 Diluted	12/11/95	1127	1156		
5	2:1 Diluted	12/11/95	1127	12:23		
6	AIR BLANK	12/11/95	1250	1250		
7	GP-1	12/11/95	0900	135		ELCO nor work
8	GP-2	12/11/95	0920	1338		
9	GP-3	12/11/95	0940	1403		
10	GP-4	12/11/95	0950	1427		
11	GP-5	12/11/95	1008	1450		
12	GP-6	12/11/95	1017	1512		
13	GP-7	12/11/95	1045	1545		
14	BLANK	12/11/95	1526	1526		
15	GP-7	12/11/95	1028	1549		
16	GP-8	12/11/95	1036	1625		
17	GP-9	12/11/95		1644		
18	GP-11	12/11/95	1115	1704		
19	GP-12	12/11/95	1115	1704		
20	CK50	12/11/95	0955	1725		
21	BLANK	12/11/95	1744	1744		
22	GP-12	12/11/95	1420	1802		
23	GP-13	12/11/95	1220	1822		
24	GP-14	12/11/95	1237	1840		vv 20cc
25	GP-15	No Sample	/	/		
26	GP-16	12/11/95	1245	1857		50cc sample
27	GP-17	12/11/95	1303	1921		50cc "
28	GP-18	12/11/95	1318	1940		50cc
29	GP-19	12/11/95	1327	1959		50cc
30	GP-20	12/11/95	/	2034		50cc
31	GP-21	No Sample	-	-		50cc
32	GP-22	12/11/95	-	2054		50cc
33	GP-23	12/11/95	1416	2112		50cc
34	GP-24	12/11/95	-	2150		50cc
35	GP-25	12/11/95	1454	2148		50cc
36	GP-26	12/11/95	1458	2207		50cc
37	GP-27	12/11/95	1458	2225		50cc
	GP-28	12/11/95		2243		50cc

10:00-11:00 am

Environmental Management Associates, Inc.
Mobile Laboratory
Sample Log

Job Site: Parsons ES - Valley Falls, NY

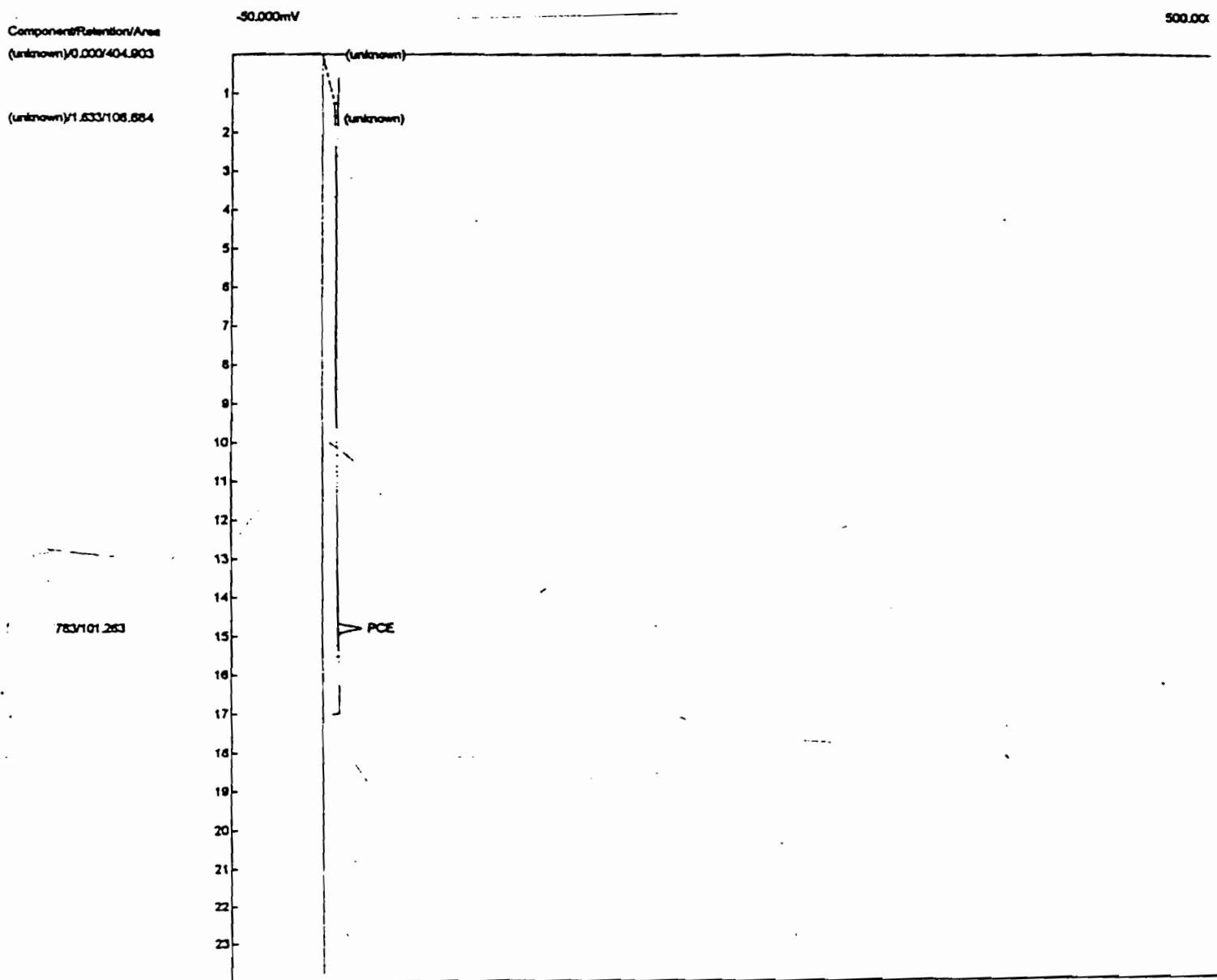
Sample No.	Sample ID	Date Collected	Time Collected	Time Analyzed	Description	Notes
1	BLANK	12/12/95	0800	0806	Syr. Blank	-
2	GP-30	12/12/95	1555	0835	50ml	50cc
3	GP-29	12/12/95	1540	0903		
4	GP-33	12/12/95	1605			
5	GP-33A	12/12/95	1630	0227	Duplicate	↓
6	GP-35	12/12/95	1650	1022		50cc
7	10:1 Dilution	12/12/95	1030	1042		10cc
8	4C1XCL	ACCURO FOR ECDO		- REINSTALLED		
9	Z:1 Dil	12/12/95	1030	1148		
10	BLONIL	12/12/95	1205	1207	BLONIL	
11	GP-36	12/12/95	-	1227	50cc	50cc
12	GP-45	12/12/95	1120	1248		
13	GP-47	12/12/95	-	1308		
14	GP-50	12/12/95	1330	1332		
15	GP-49	12/12/95	1320	1402		↓
16	GP-51	12/12/95	1400	1420		
17	GP-46	12/12/95	1233	1437		
18	GO-53	12/12/95	1443	1458		↓
19	GO-55	12/12/95	1455	1516		
20	GO-48	12/12/95	1500	1535		
21	GP-52	12/12/95	1412	1557		↓
22	GP-52	12/12/95	1600	1616		
23	GP-54	12/12/95	1645	16:37		↓
24	GP-37	12/12/95	0950	16:56		↓
25	GO-39	12/12/95	1030	1715		
26	GP-40	12/12/95	1035	1734		
27	GP-41	12/12/95	1040	1753		
28	GP-42	12/12/95	1100	1813		
29	GP-43	12/12/95	1115	1830		
30	GP-44	12/12/95	1130	1848		↓
31						
32						
33						
34						
35						
36						
37						

No Samples GP-31 & GP-32

SAMPLE GP-34 - LEAD IN PLASTER BOX. RECOLLECT IF NECESSARY

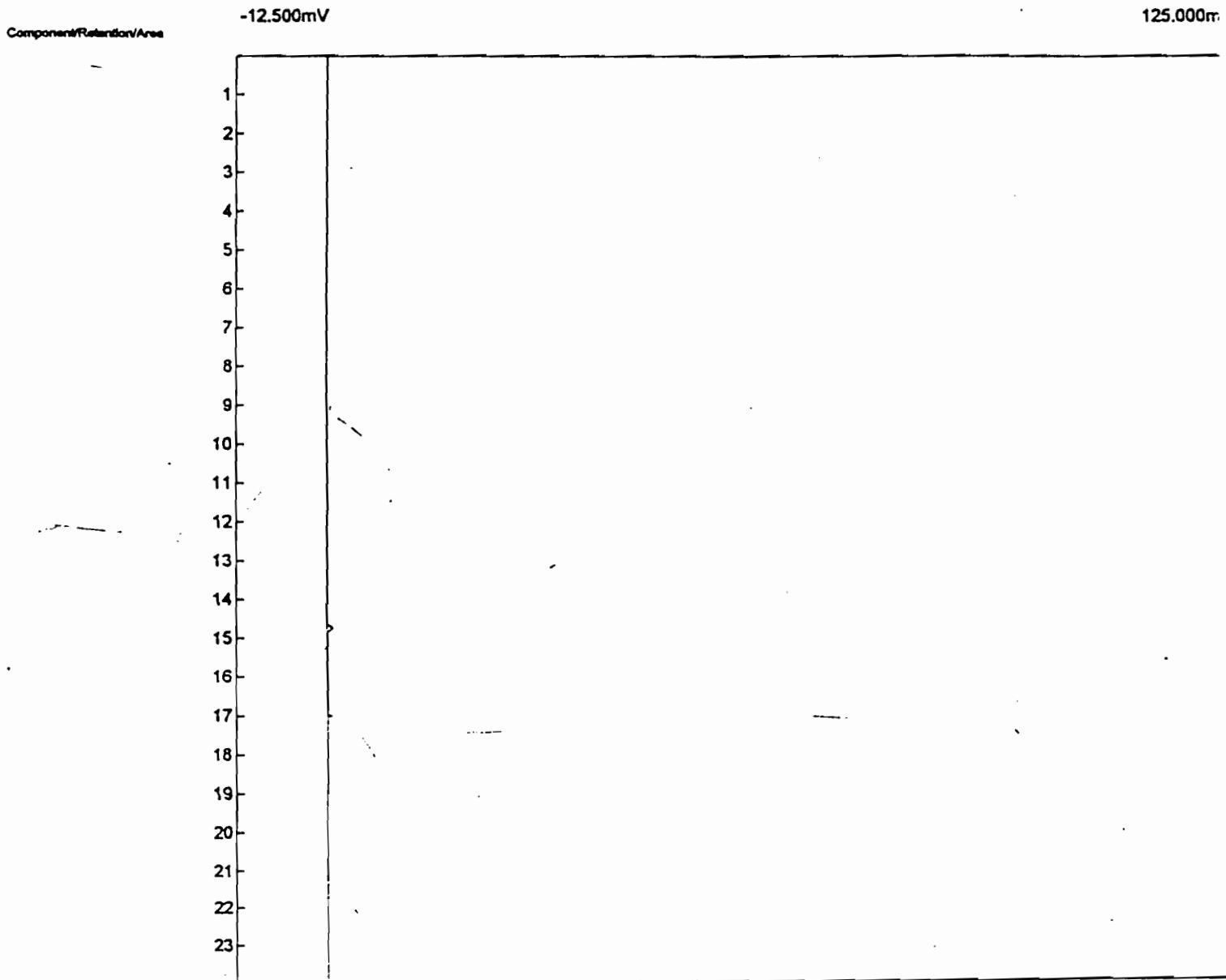
Client ID: -44
Analysis date: 12/12/1995 18:48:50

Description: DELCD
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: ELCD57.CHR 0



Component	Retention Area	External	Units
(unknown)	0.000	404.903	0.00
(unknown)	1.633	108.684	0.00
PCE	14.783	101.263	0.02 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb

Client ID: GP-44
Analysis date: 12/12/1995 18:48:50
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID66.CHR 0

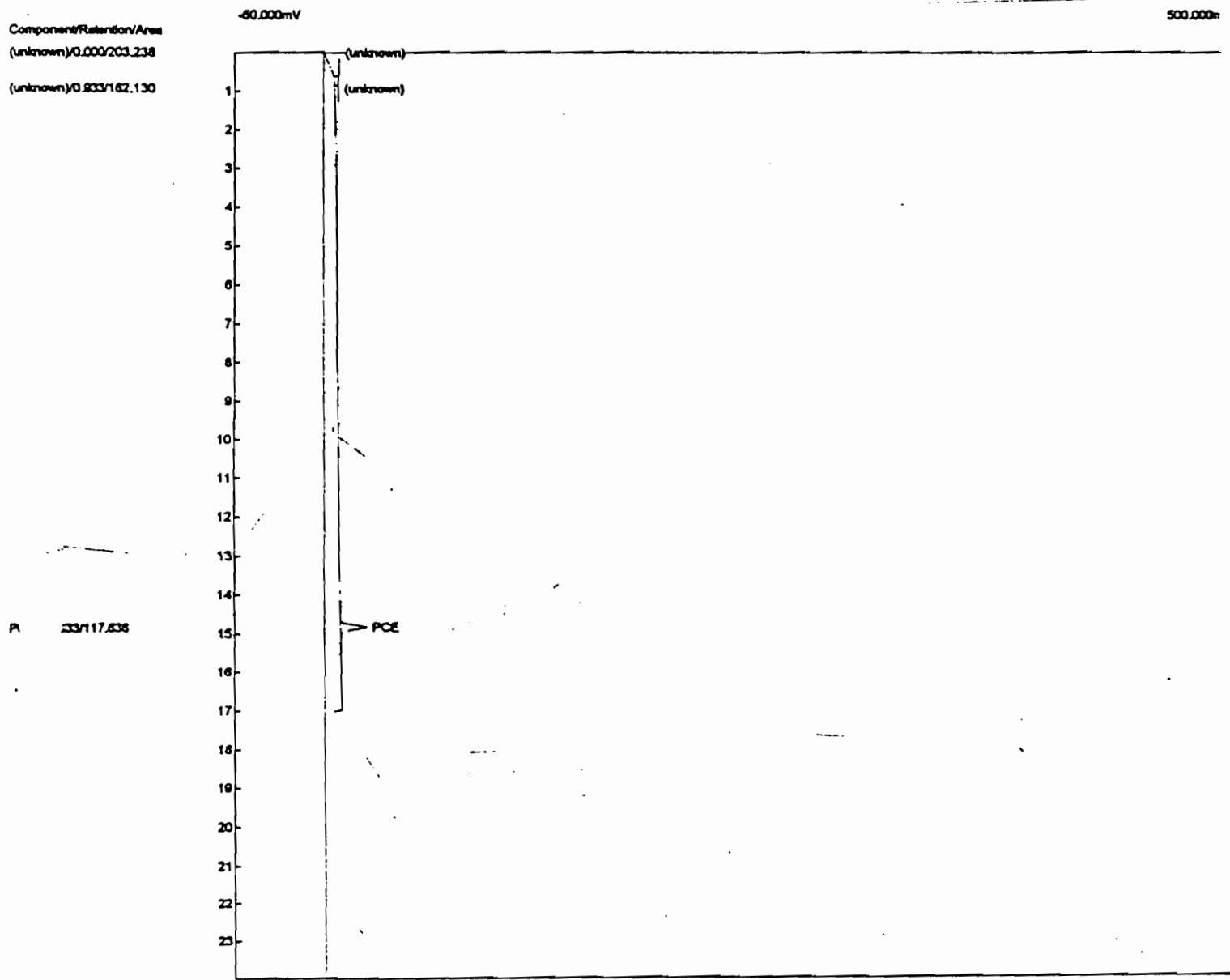


Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

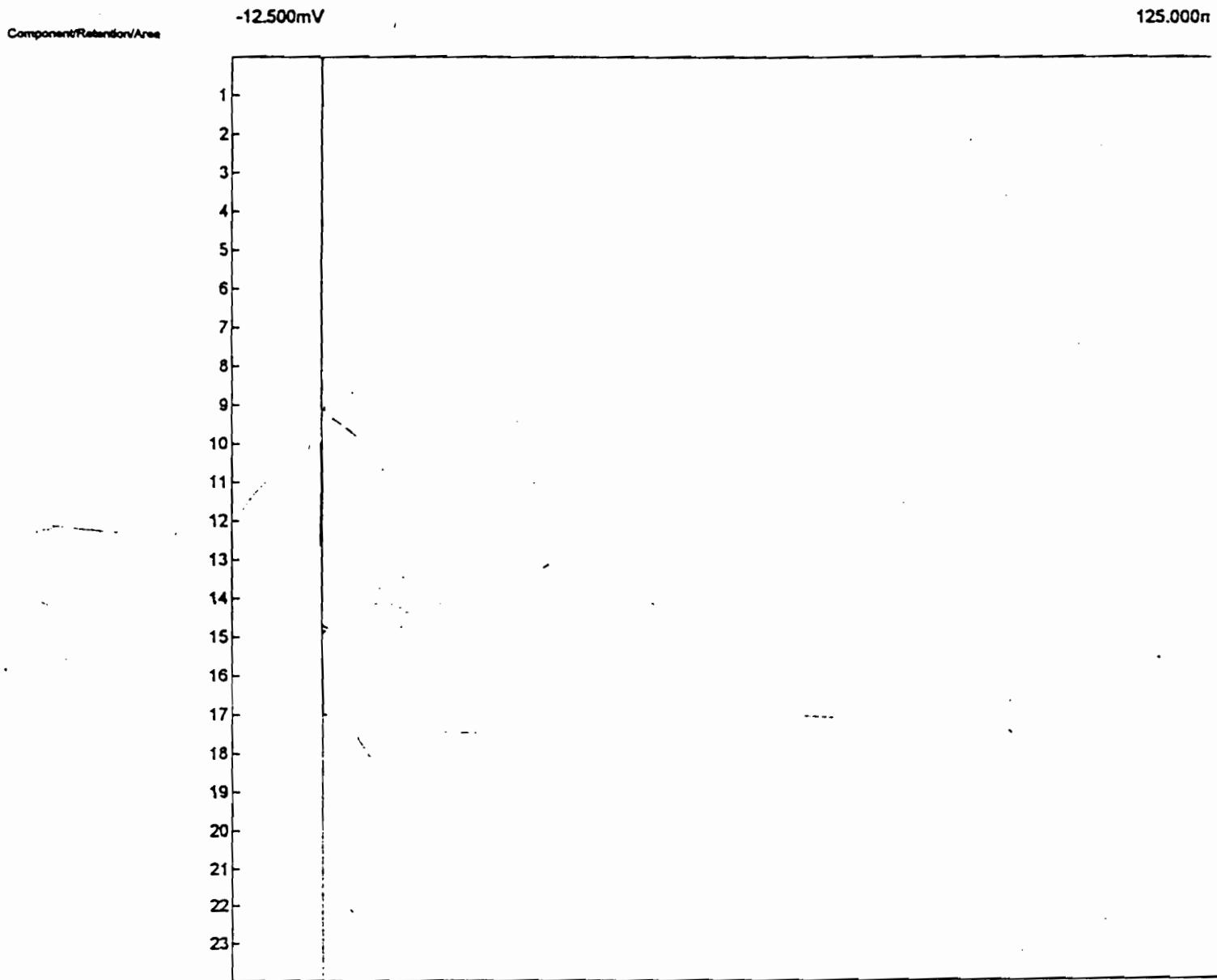
Client ID: GP
Analysis date: 12/12/1995 18:30:37

Description: DELCD
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: ELCD58.CHR 0



Component	Retention Area	External	Units
(unknown)	0.000	203.238	0.00
(unknown)	0.933	162.130	0.00
PCE	14.833	117.638	0.02 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ug

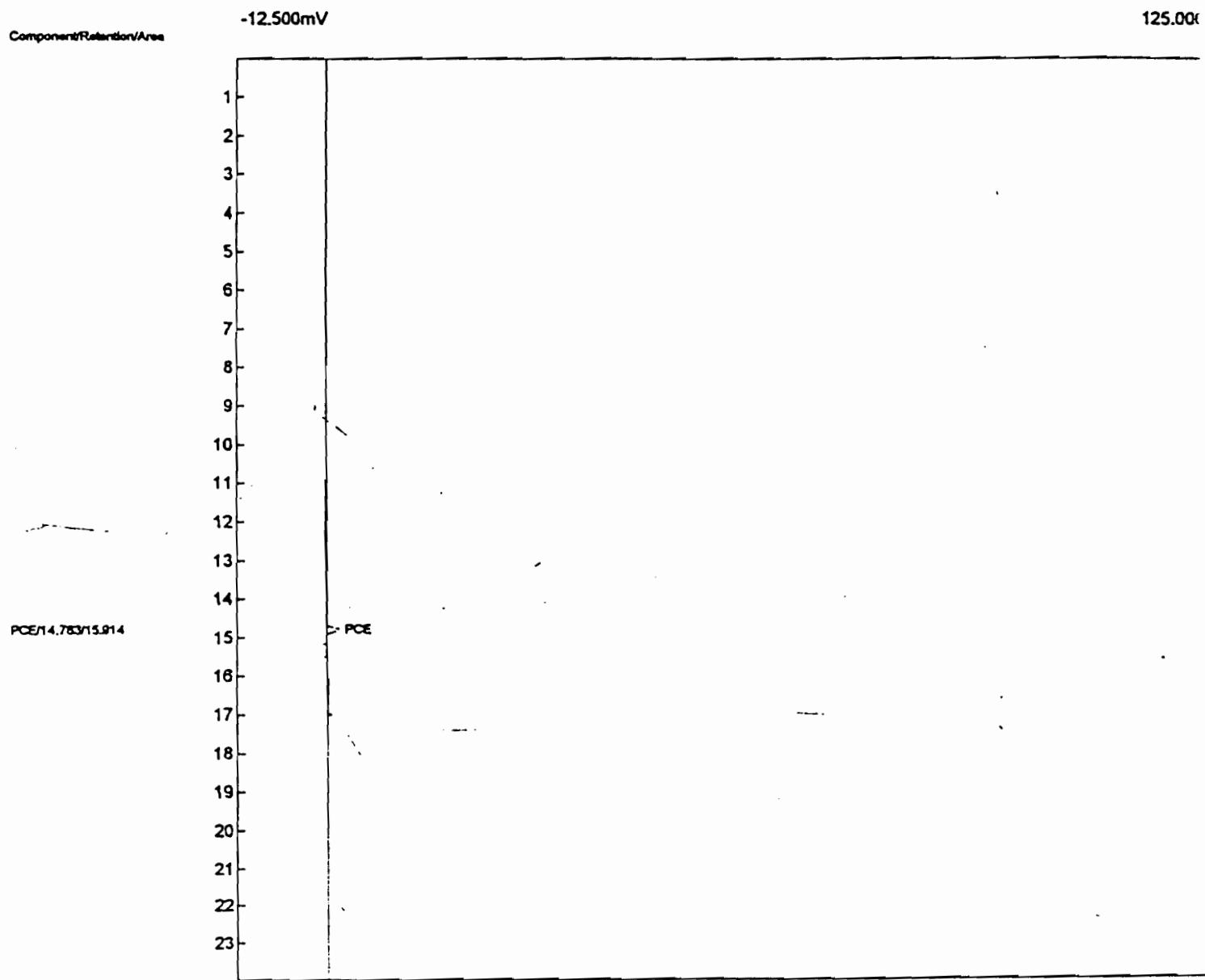
Client: Parsons ES
Client ID: GP-43
Analysis date: 12/12/1995 18:30:37
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID65.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

Analysis date: 12/12/1995 18:12:26
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID64.CHR 0



Component	Retention Area	External	Units
PCE	14.783	15.914	0.02 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

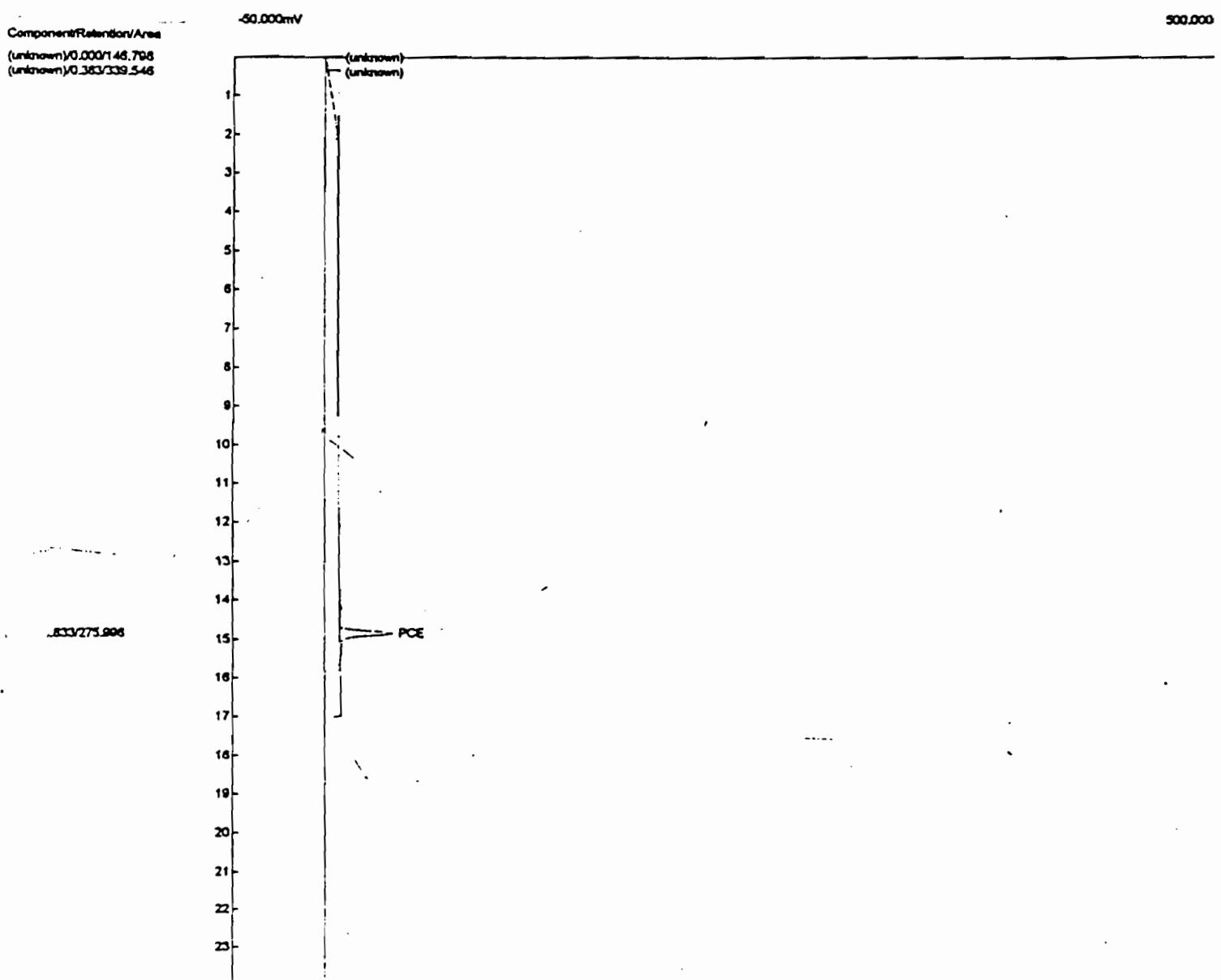
Analysis date: 12/12/1995 18:12:28

Description: DELCD

Column: RESTEK 1SMETER MXT-1

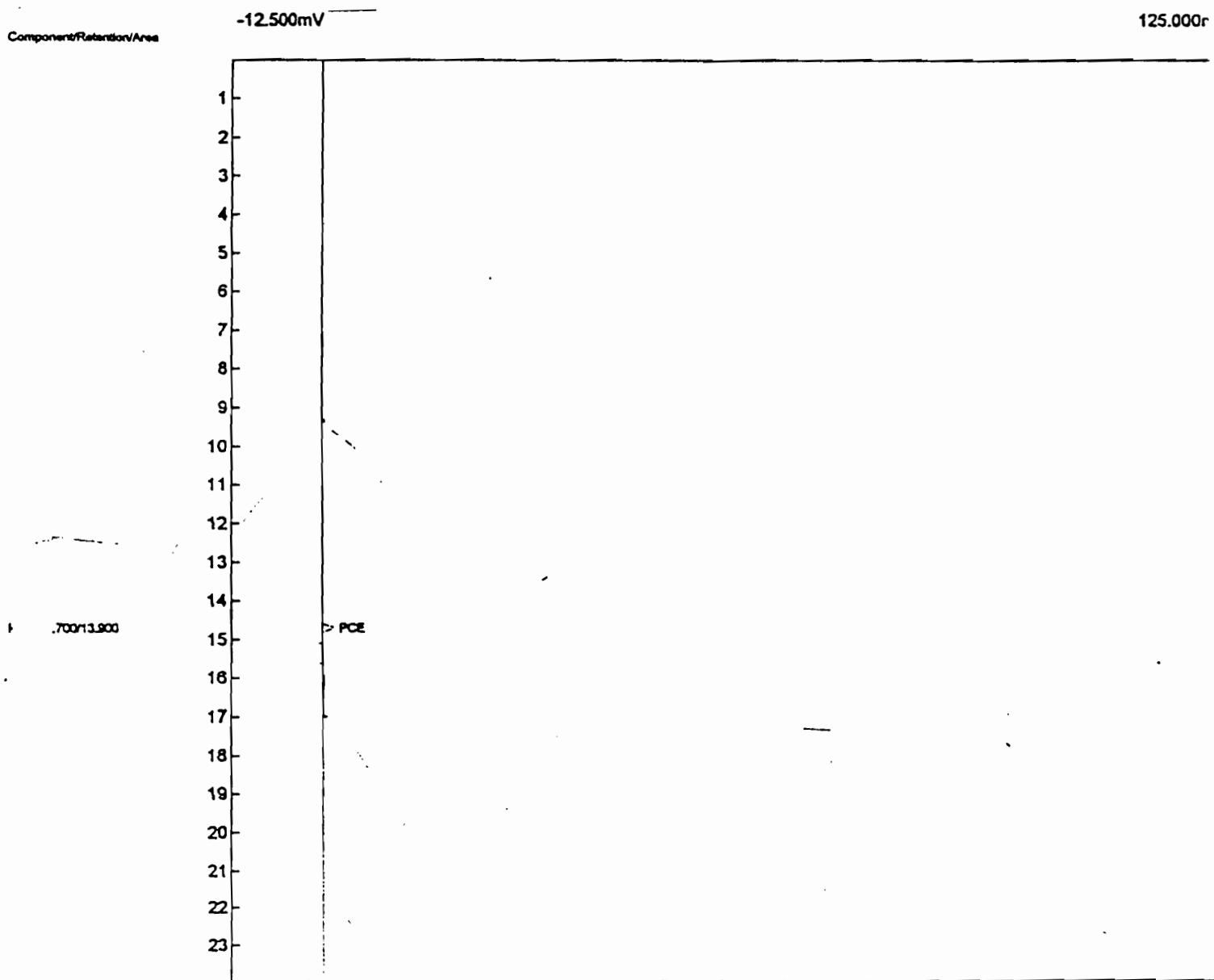
Carrier: HELIUM AT 400 ON DIAL

Data file: ELCDSS.CHR 0



Component	Retention Area	External	Units
(unknown)	0.000	146.798	0.00
(unknown)	0.383	339.546	0.00
PCE	14.833	275.996	0.05 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ug

Analysis date: 12/12/1995 17:53:28
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID63.CHR 0



Component	Retention Area	External	Units
PCE	14.700	13.900	0.01 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

14 0

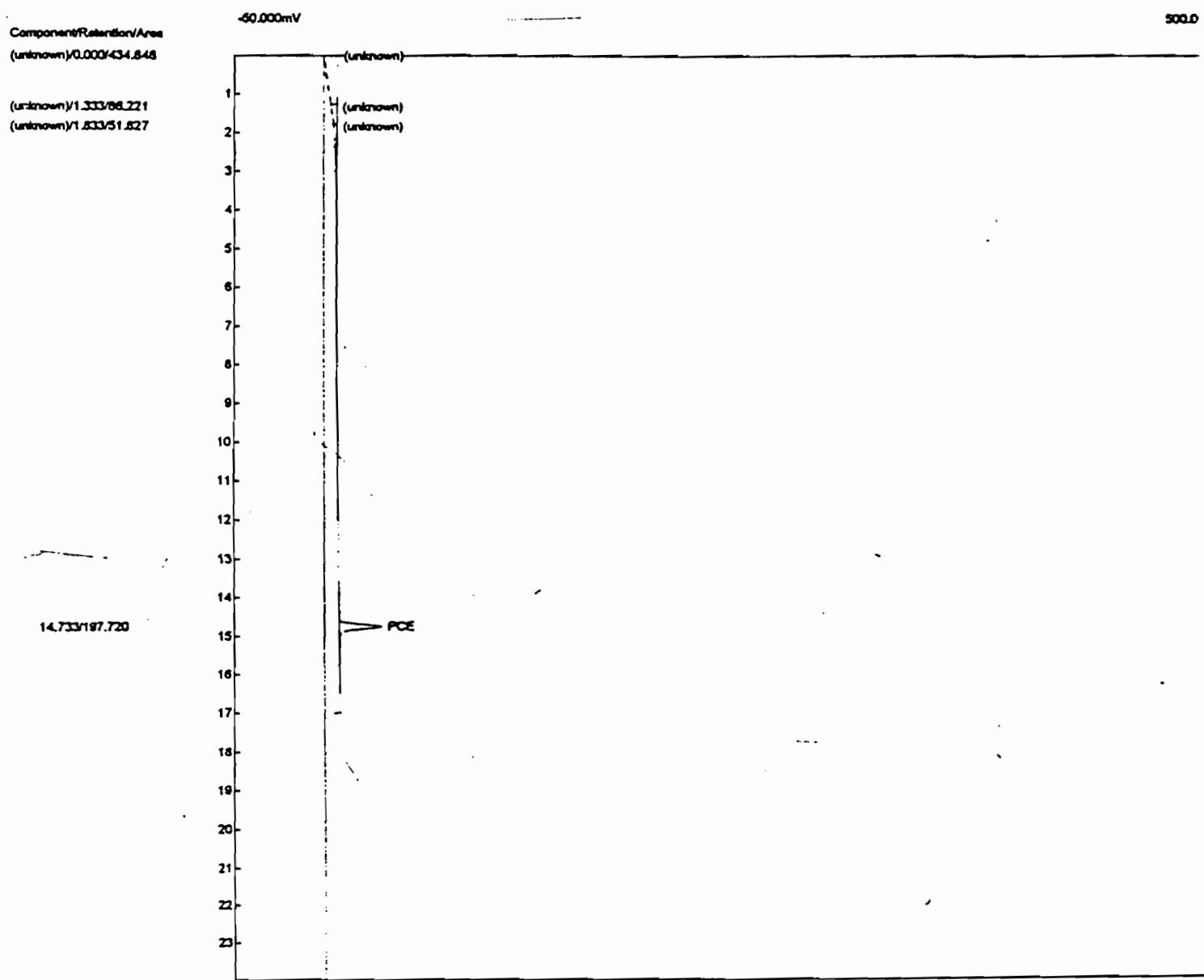
Analysis date: 12/12/1995 17:53:28

Description: DELCD

Column: RESTEK 15METER MXT-1

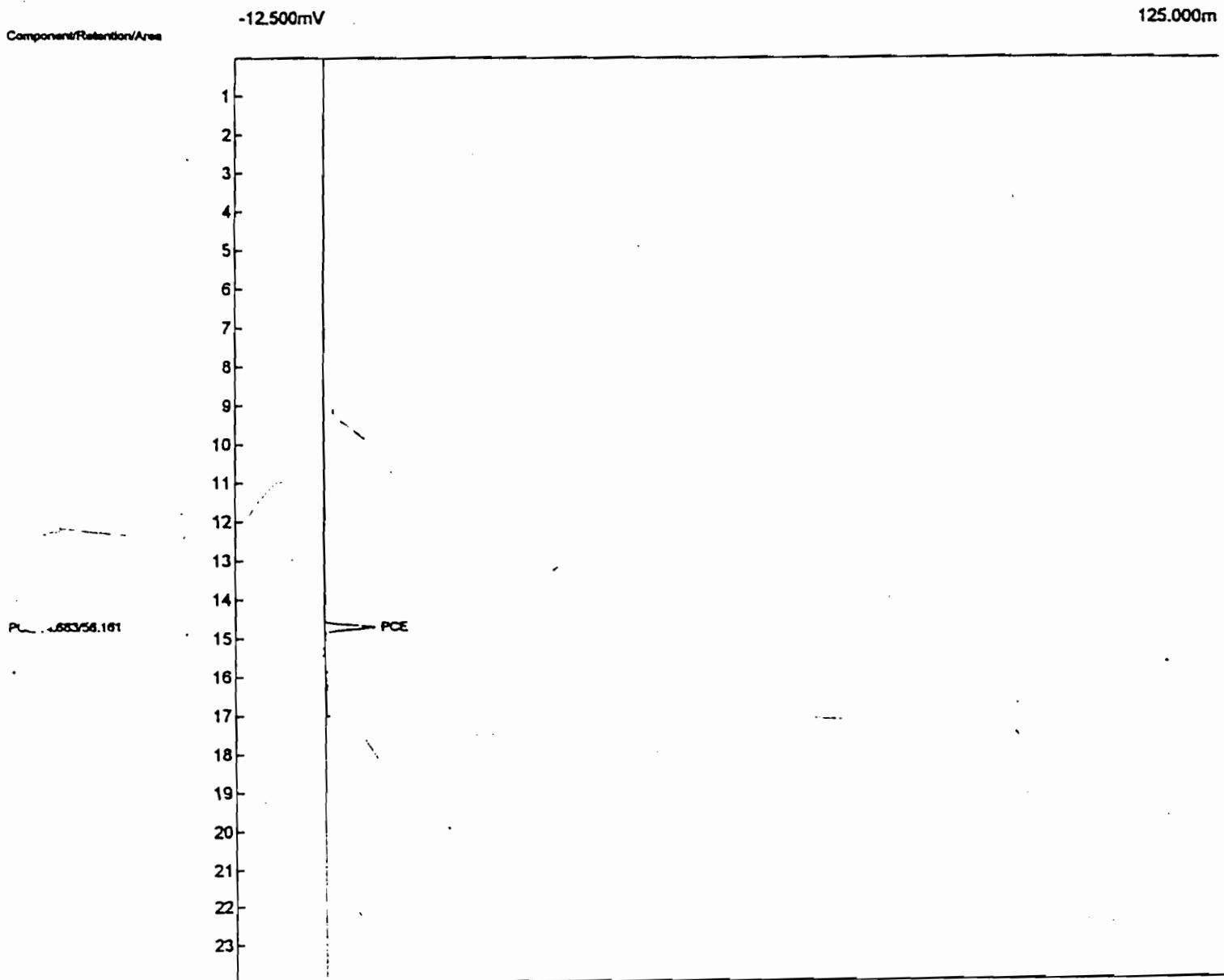
Carrier: HELIUM AT 400 ON DIAL

Data file: ELCD54.CHR 0



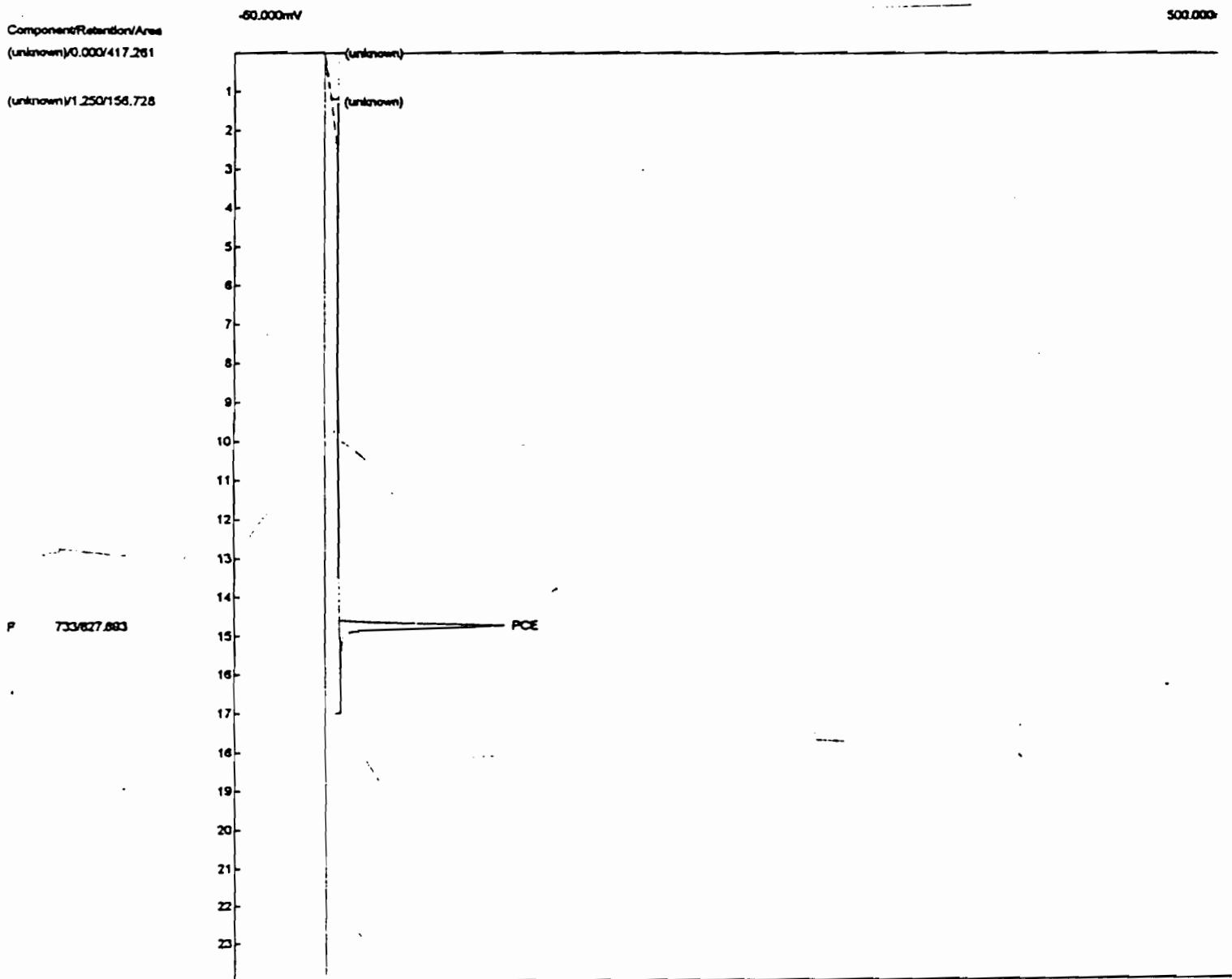
Component	Retention Area	External	Units
(unknown)	0.000	434.848	0.00
(unknown)	1.333	86.221	0.00
(unknown)	1.833	51.827	0.00
PCE	14.733	197.720	0.04 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ug

Analysis date: 12/12/1995 17:34:34
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID62.CHR 0



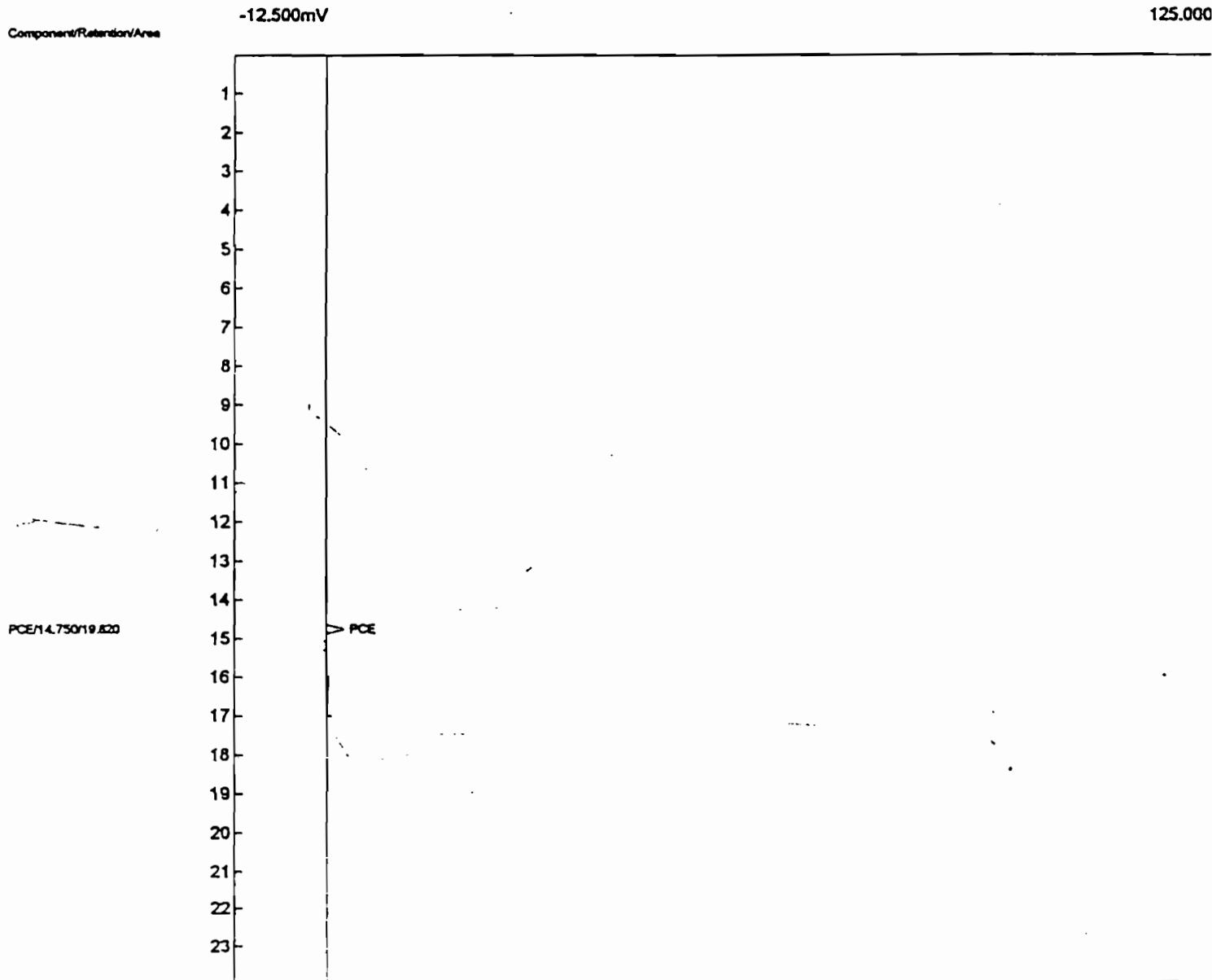
Component	Retention Area	External	Units
PCE	14.683	56.161	0.05 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

Version Parsons ES
Client ID: GP-40
Analysis date: 12/12/1995 17:34:34
Description: DELCD
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: ELCD53.CHR 0



Component	Retention Area	External Units
(unknown)	0.000	417.261 0.00
(unknown)	1.250	156.728 0.00
PCE	14.733	827.893 0.16 ug
Vinyl Chloride	0.000	0.00 ppb
1,2-DCE	0.000	0.00 ppb
TCE	0.000	0.00 ug

Method ID: GP-39
Analysis date: 12/12/1995 17:15:17
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID61.CHR 0



Component	Retention Area	External	Units
PCE	14.750	19.820	0.02 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

20 0

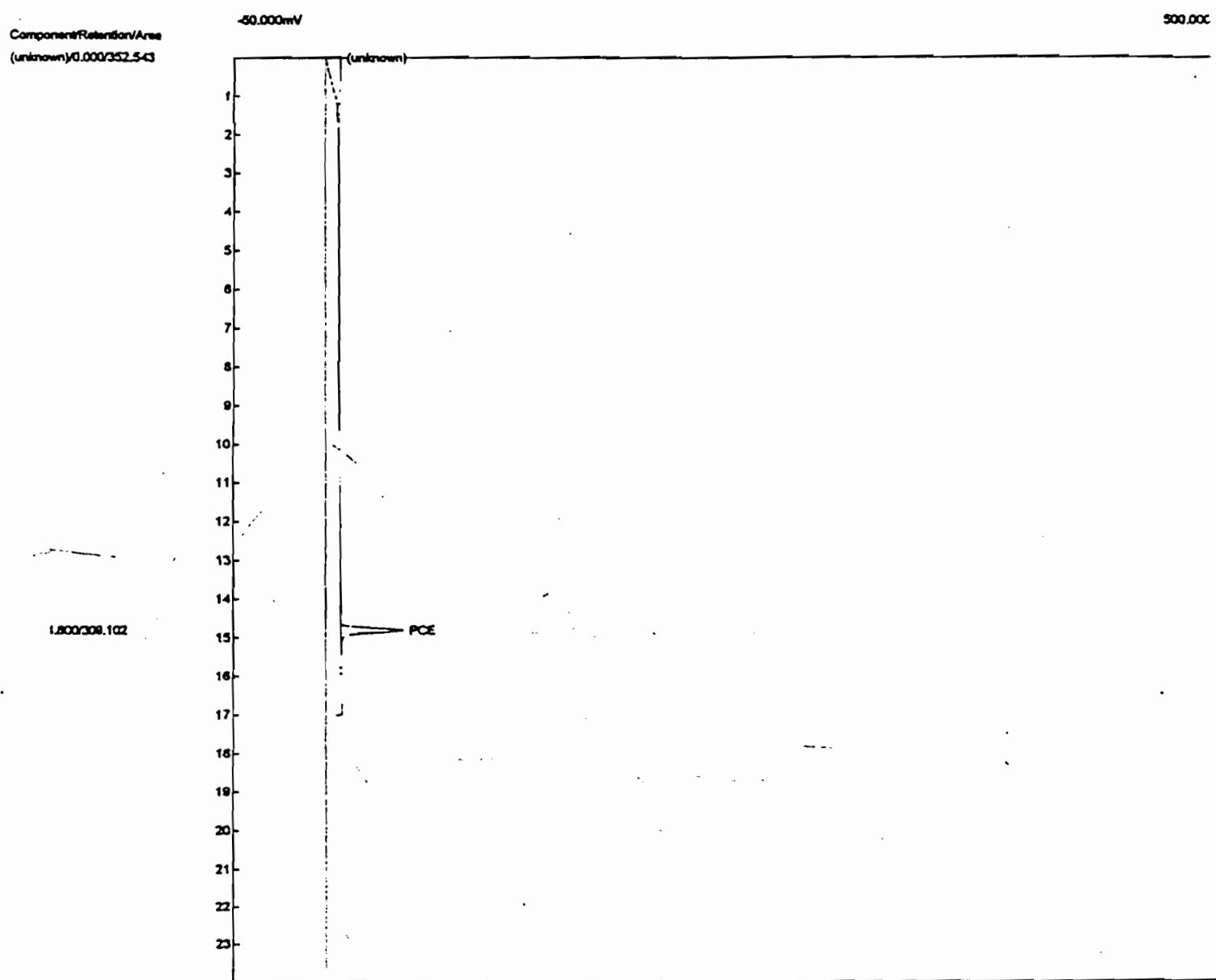
Analysis date: 12/12/1995 17:15:17

Description: DELCD

Column: RESTEK 15METER MXT-1

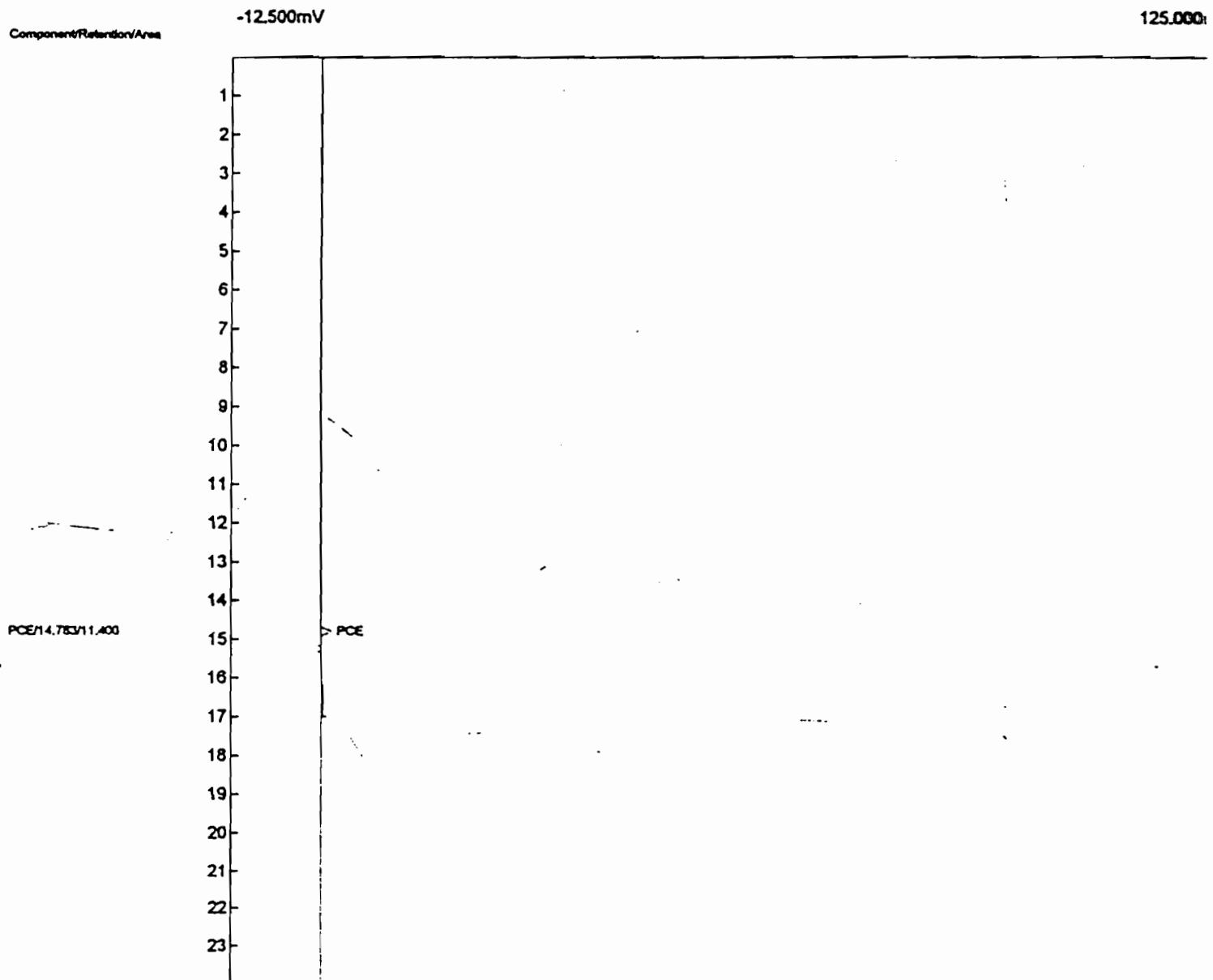
Carrier: HELIUM AT 400 ON DIAL

Data file: ELCD52.CHR 0



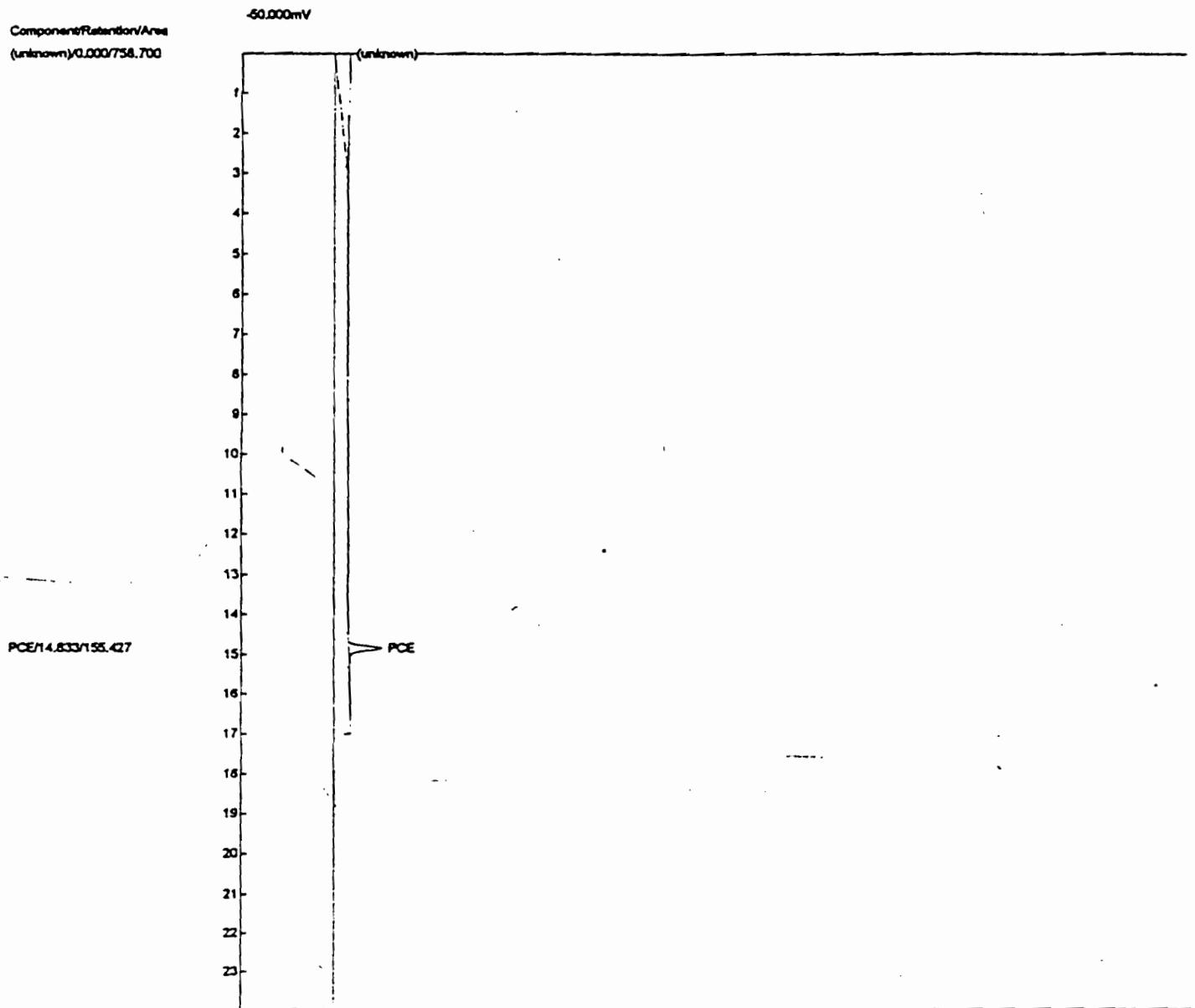
Component	Retention Area	External	Units
(unknown)	0.000	352.543	0.00
PCE	14.800	309.102	0.06 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ug

Client: Parsons ES
Client ID: GP-37
Analysis date: 12/12/1995 16:58:31
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID60.CHR 0



Component	Retention Area	External	Units
PCE	14.783	11.400	0.01 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

Version ES
OpID: GP370A
Analysis date: 12/12/1995 16:56:31
Description: DELCD
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: ELCD51.CHR 0



Component	Retention Area	External Units
(unknown)	0.000	758.700
PCE	14.833	155.427
Vinyl Chloride	0.000	0.00 ug
1,2-DCE	0.000	0.00 ppb
TCE	0.000	0.00 ug

Chrom. GP-54

Analysis date: 12/12/1995 16:37:38

Method: Purge & Trap

Description: PID

Column: RESTEK 15METER MXT-1

Carrier: HELIUM AT 400 ON DIAL

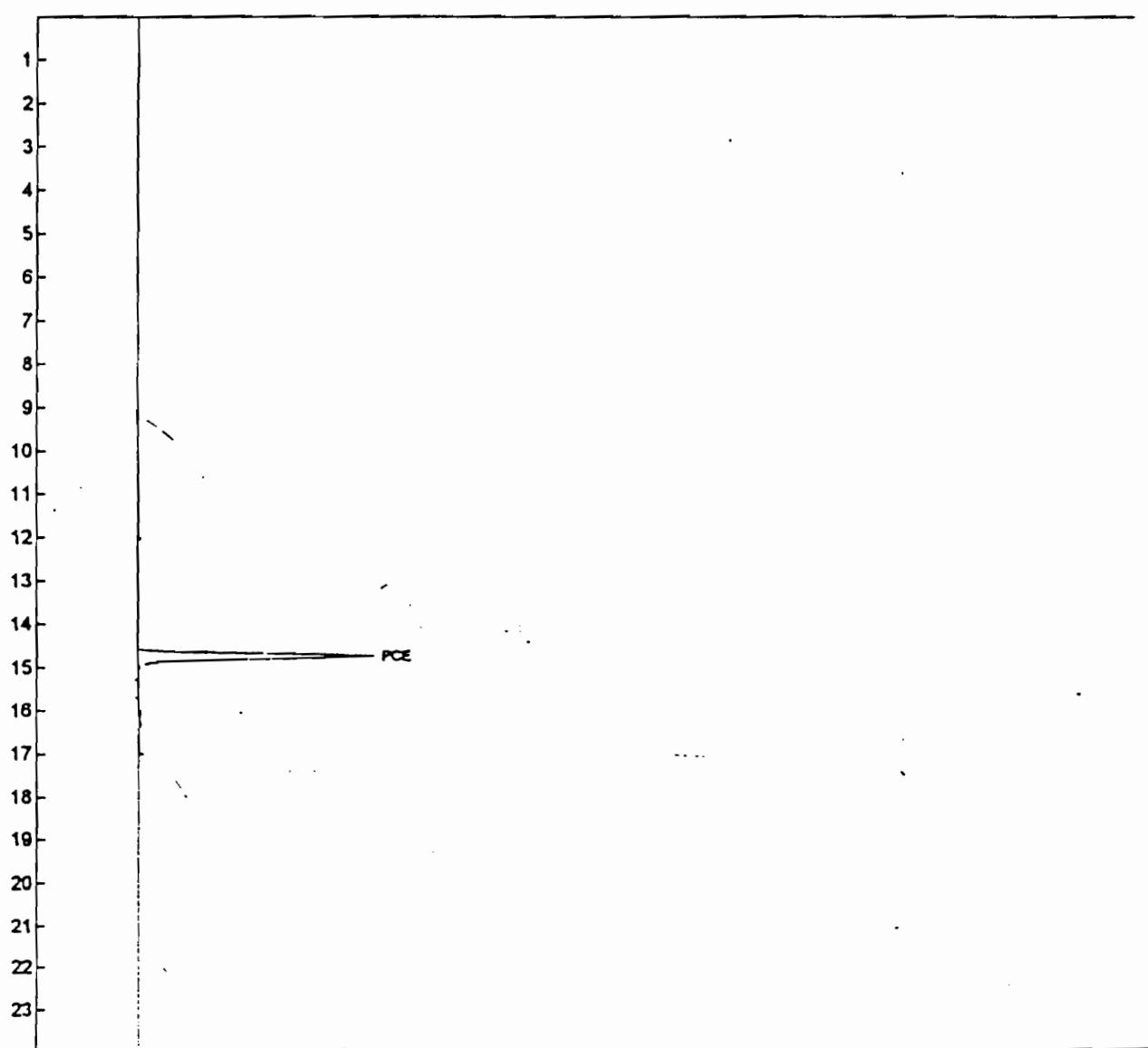
Data file: C:\PEAKWIN\PID59.CHR 0

Component/Retention/Area

-12.500mV

125.000

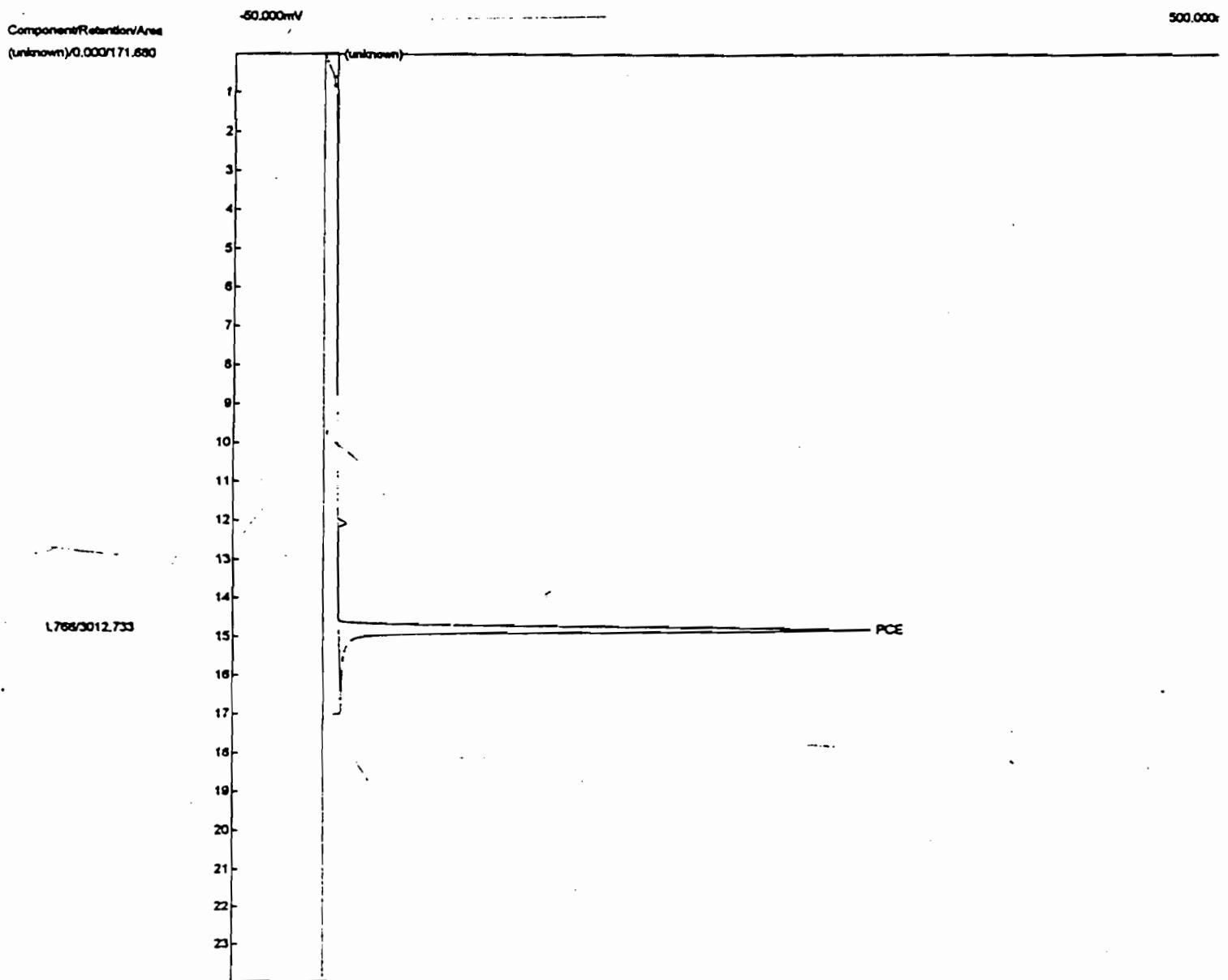
PCE/14.733/250.417



Component	Retention Area	External	Units
PCE	14.733	250.417	0.24 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

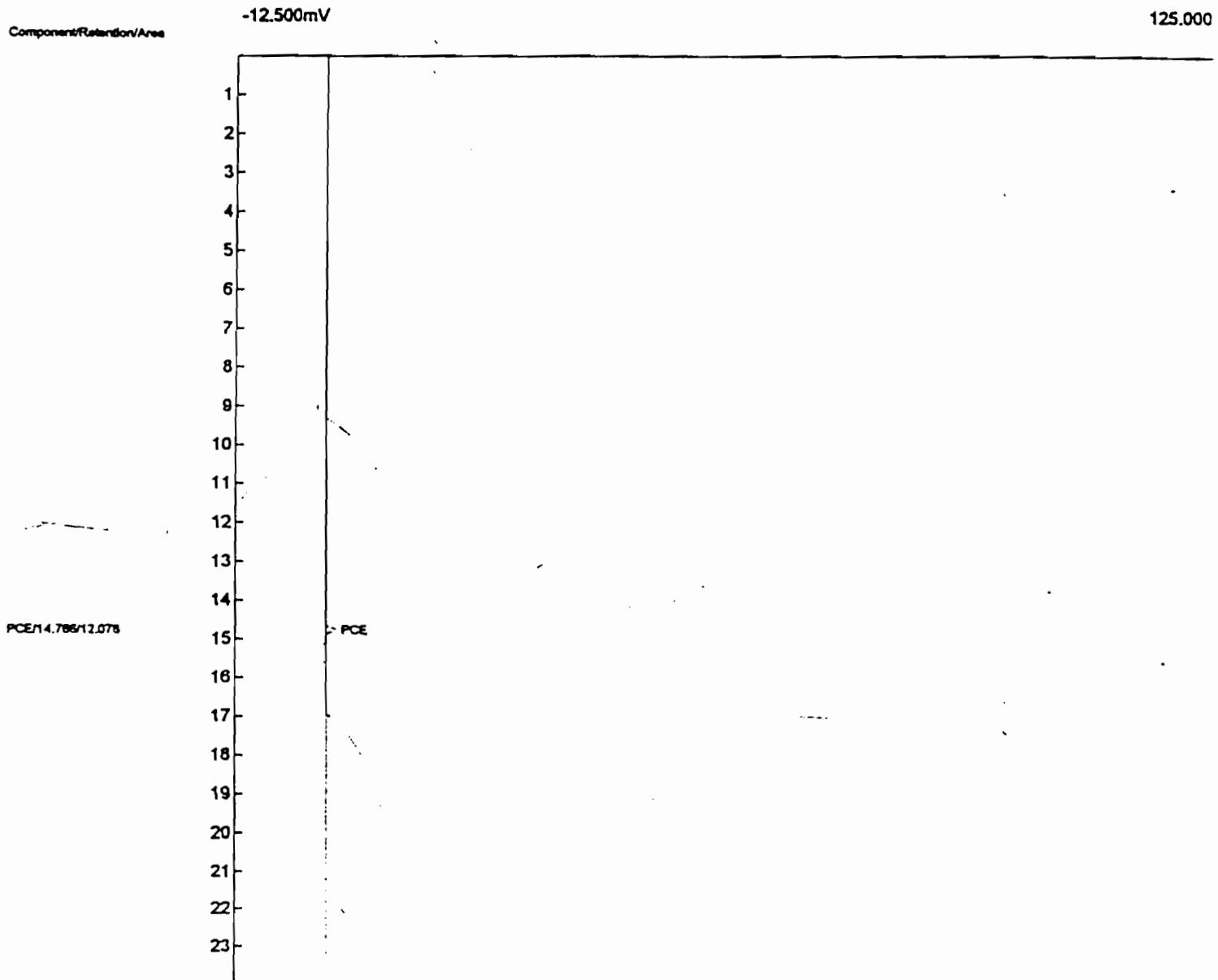
250 0

Client ID: GP-54
Analysis date: 12/12/1995 16:37:38
Description: DELCD
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: ELCD50.CHR 0



Component	Retention Area	External	Units
(unknown)	0.000	171.680	0.00
PCE	14.766	3012.733	0.57 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ug

Analysis date: 12/12/1995 16:16:15
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID58.CHR 0



Component	Retention Area	External	Units
PCE	14.766	12.078	0.01 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

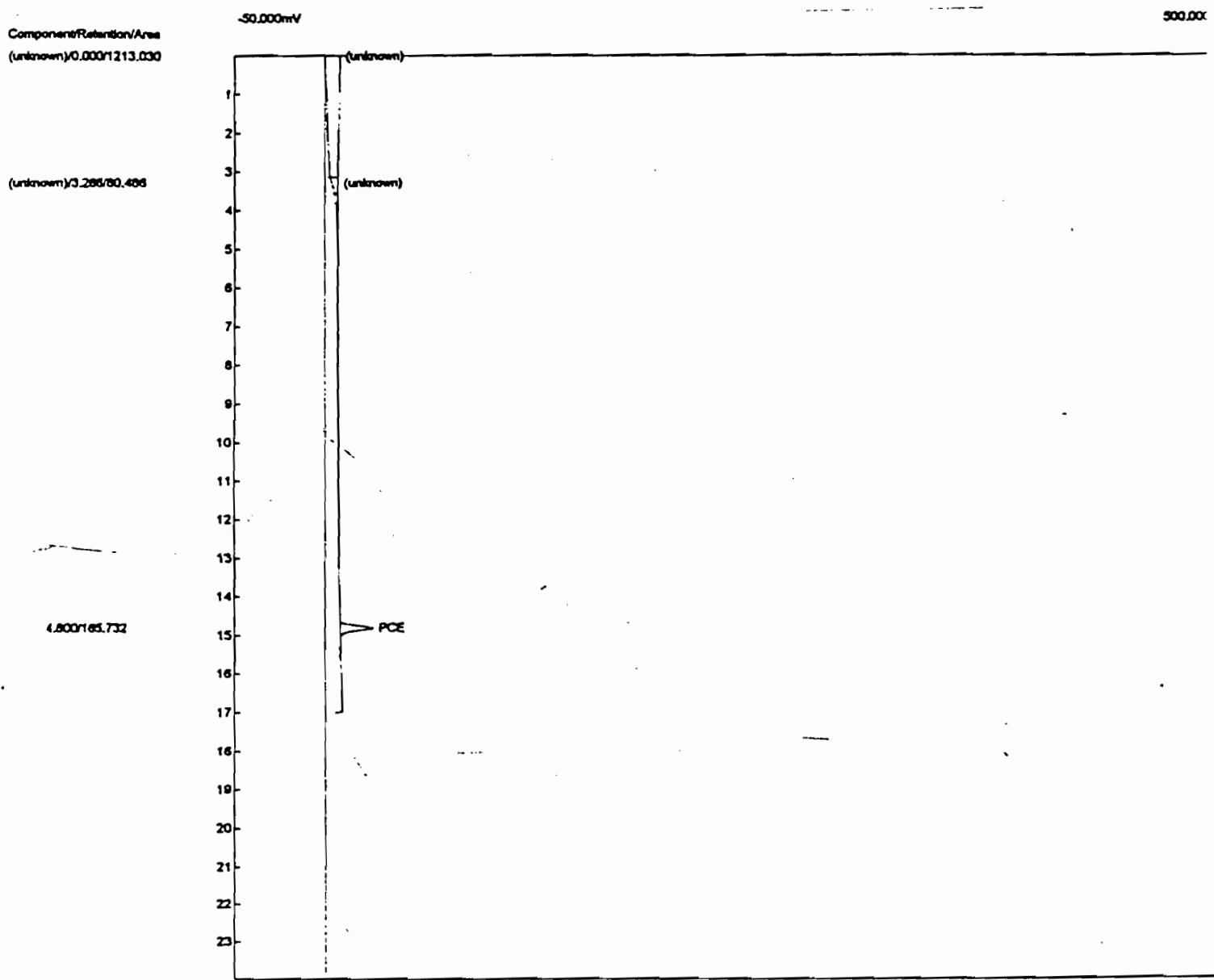
Analysis date: 12/12/1995 16:16:15

Description: DELCD

Column: RESTEK 15METER MXT-1

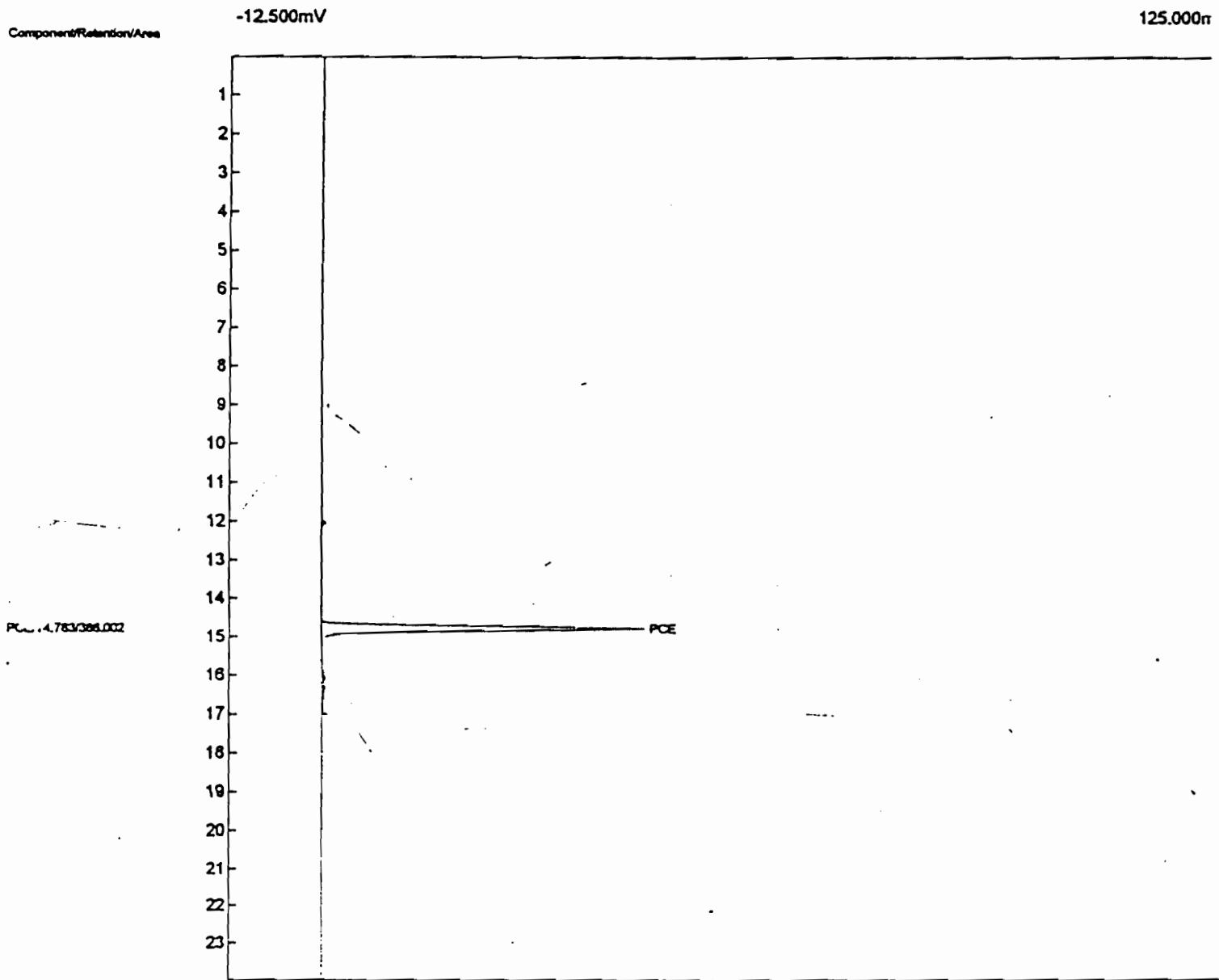
Carrier: HELIUM AT 400 ON DIAL

Data file: ELCD49.CHR 0



Component	Retention Area	External	Units
(unknown)	0.000	1213.030	0.00
(unknown)	3.266	80.486	0.00
PCE	14.800	165.732	0.03 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ug

Client ID: G-~~52~~
Analysis date: 12/12/1995 15:57:28
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID57.CHR 0



Component	Retention Area	External	Units
PCE	14.783	386.002	0.38 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

386 0

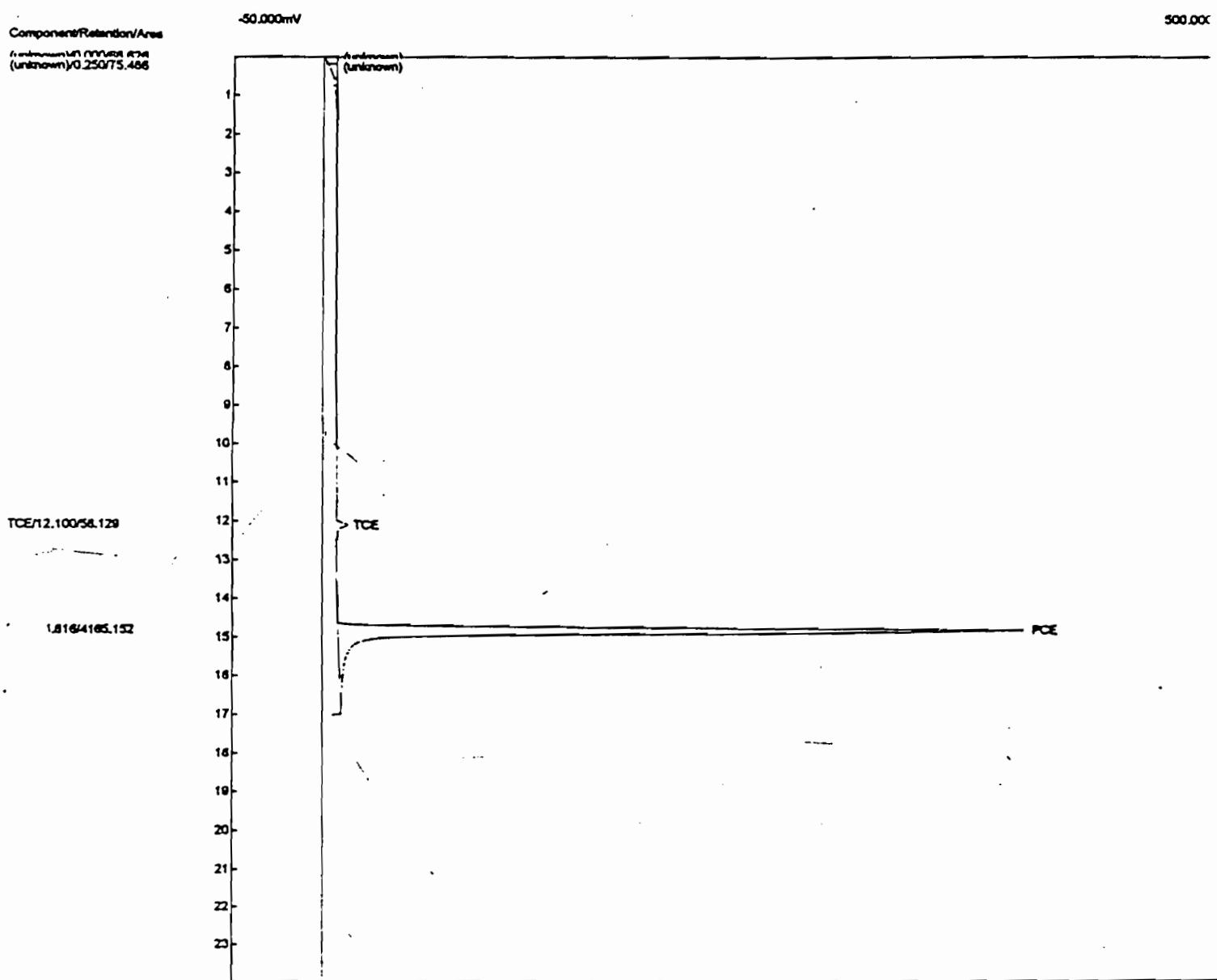
Analysis date: 12/12/1995 15:57:28

Description: DELCD

Column: RESTEK 15METER MXT-1

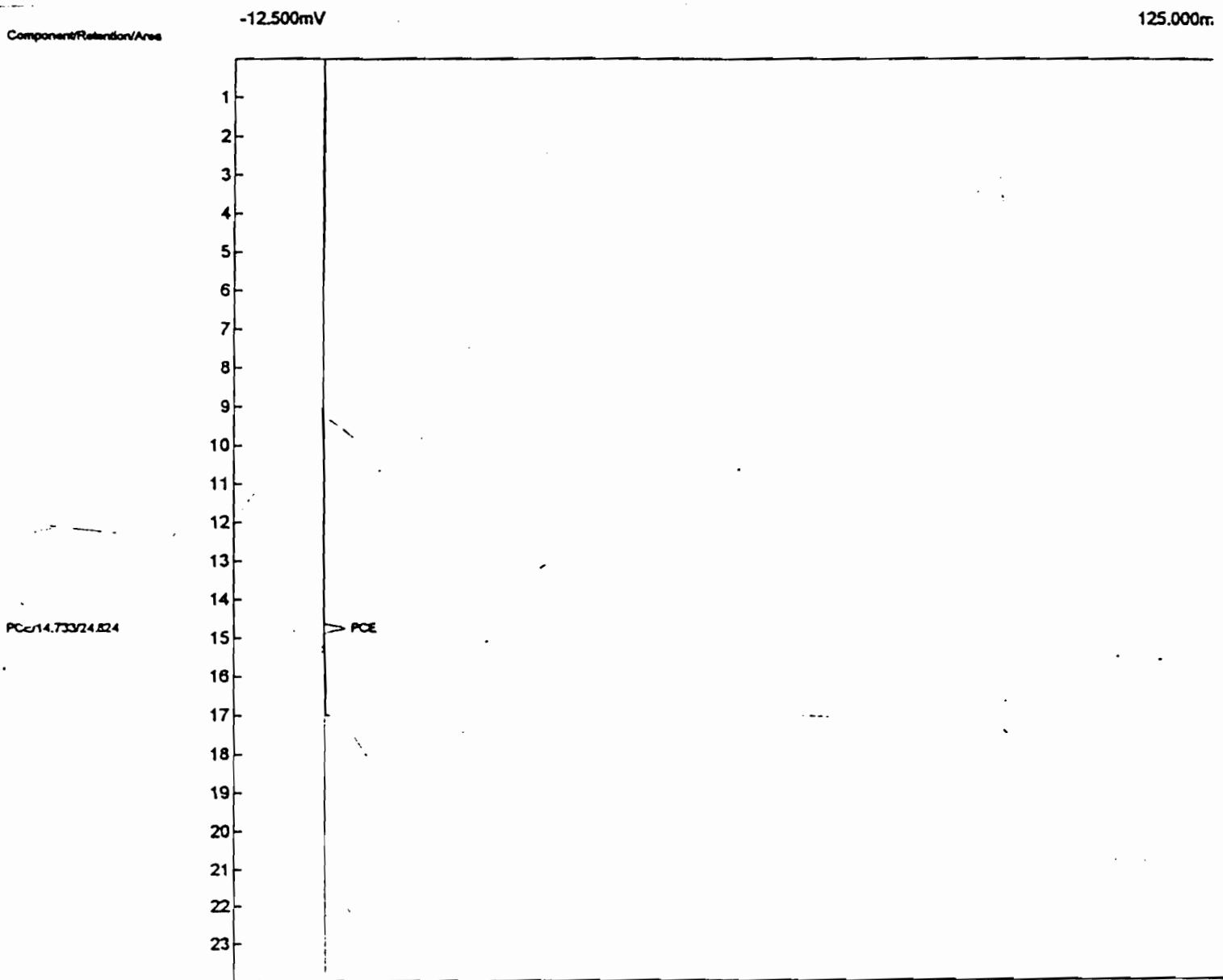
Carrier: HELIUM AT 400 ON DIAL

Data file: ELCD48.CHR 0



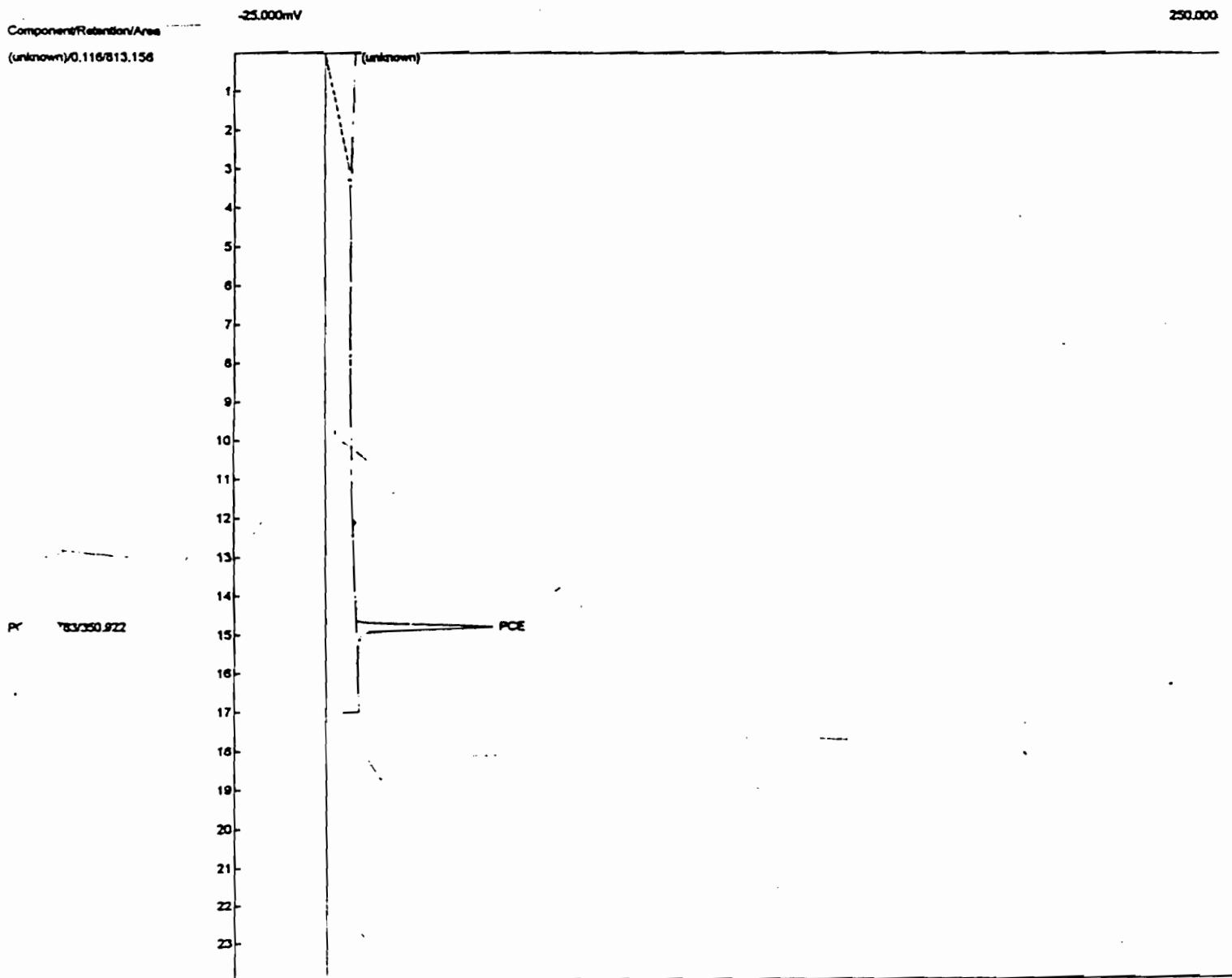
Component	Retention Area	External	Units
(unknown)	0.000	68.626	0.00
(unknown)	0.250	75.486	0.00
TCE	12.100	58.129	0.01 ug
PCE	14.816	4165.152	0.79 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb

Analysis date: 12/12/1995 15:35:13
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID56.CHR 0



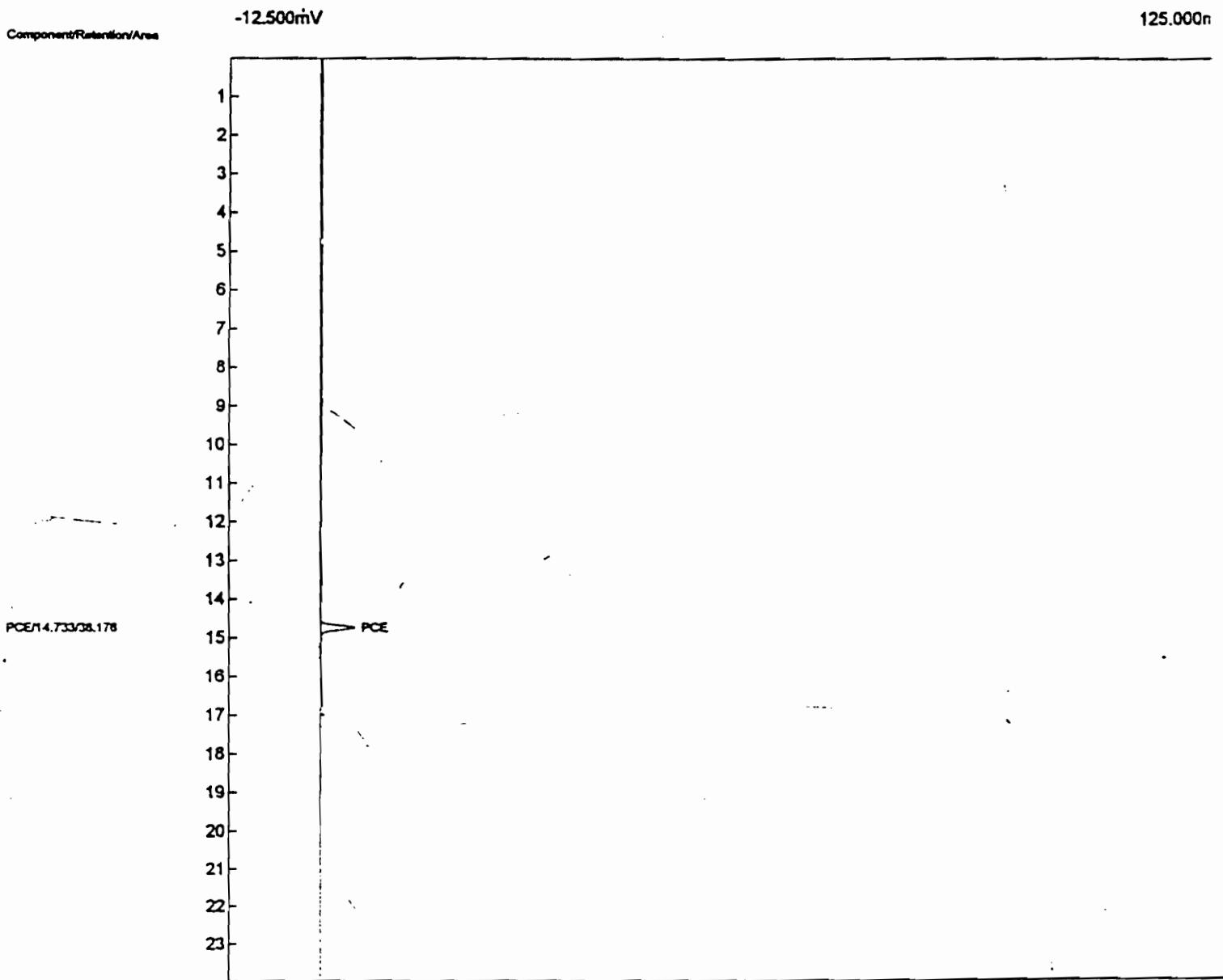
Component	Retention Area	External	Units
PCE	14.733	24.824	0.02 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

Client ID: GP-48
Analysis date: 12/12/1995 15:35:13
Description: DELCD
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: ELCD47.CHR 0



Component	Retention Area	External	Units
(unknown)	0.116	813.156	0.00
PCE	14.783	350.922	0.07 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ug

Client ID: GP-5J
Analysis date: 12/12/1995 15:18:23
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID55.CHR 0



Component	Retention Area	External	Units
PCE	14.733	38.176	0.04 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

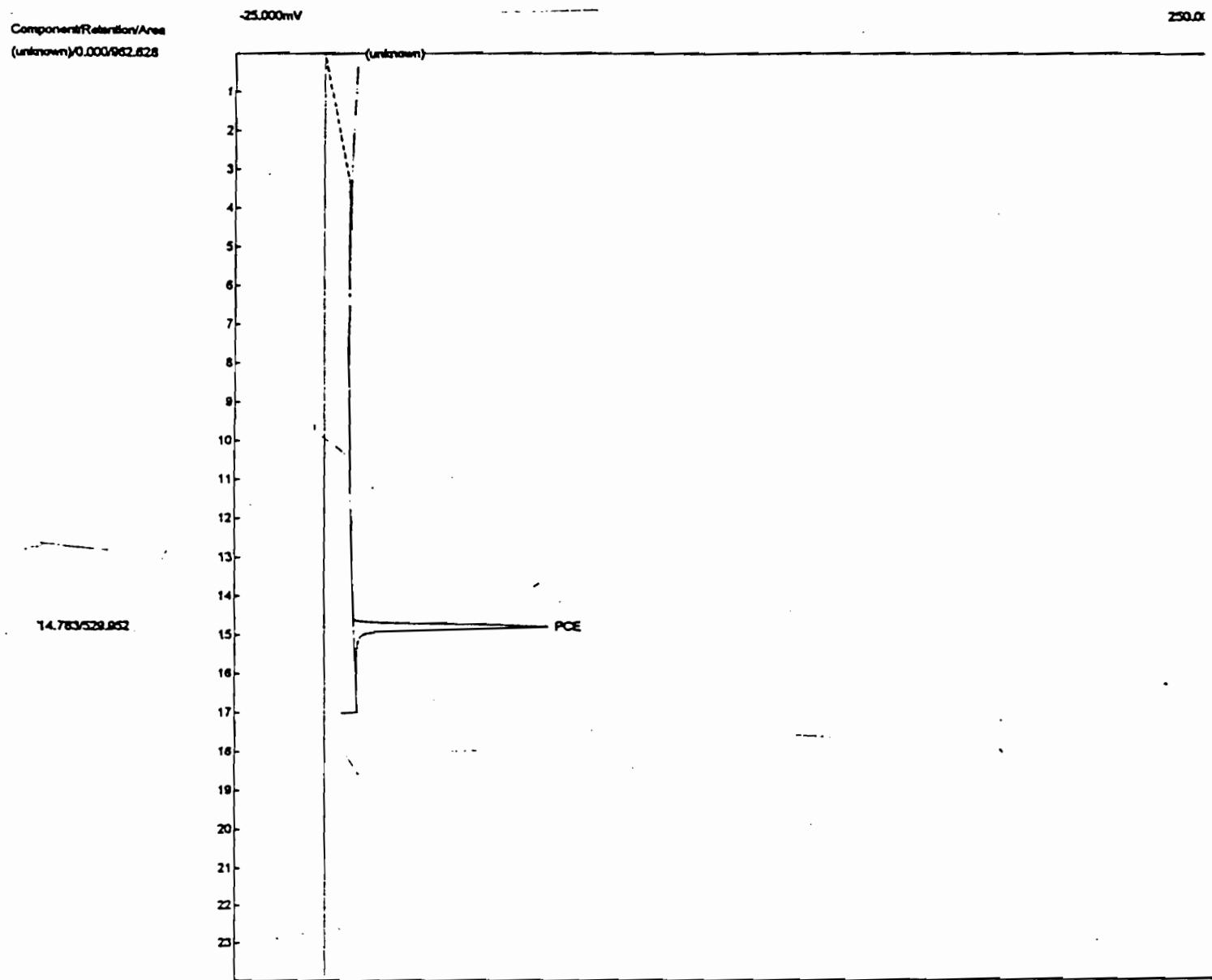
Analysis date: 12/12/1995 15:16:23

Description: DELCD

Column: RESTEK 15METER MXT-1

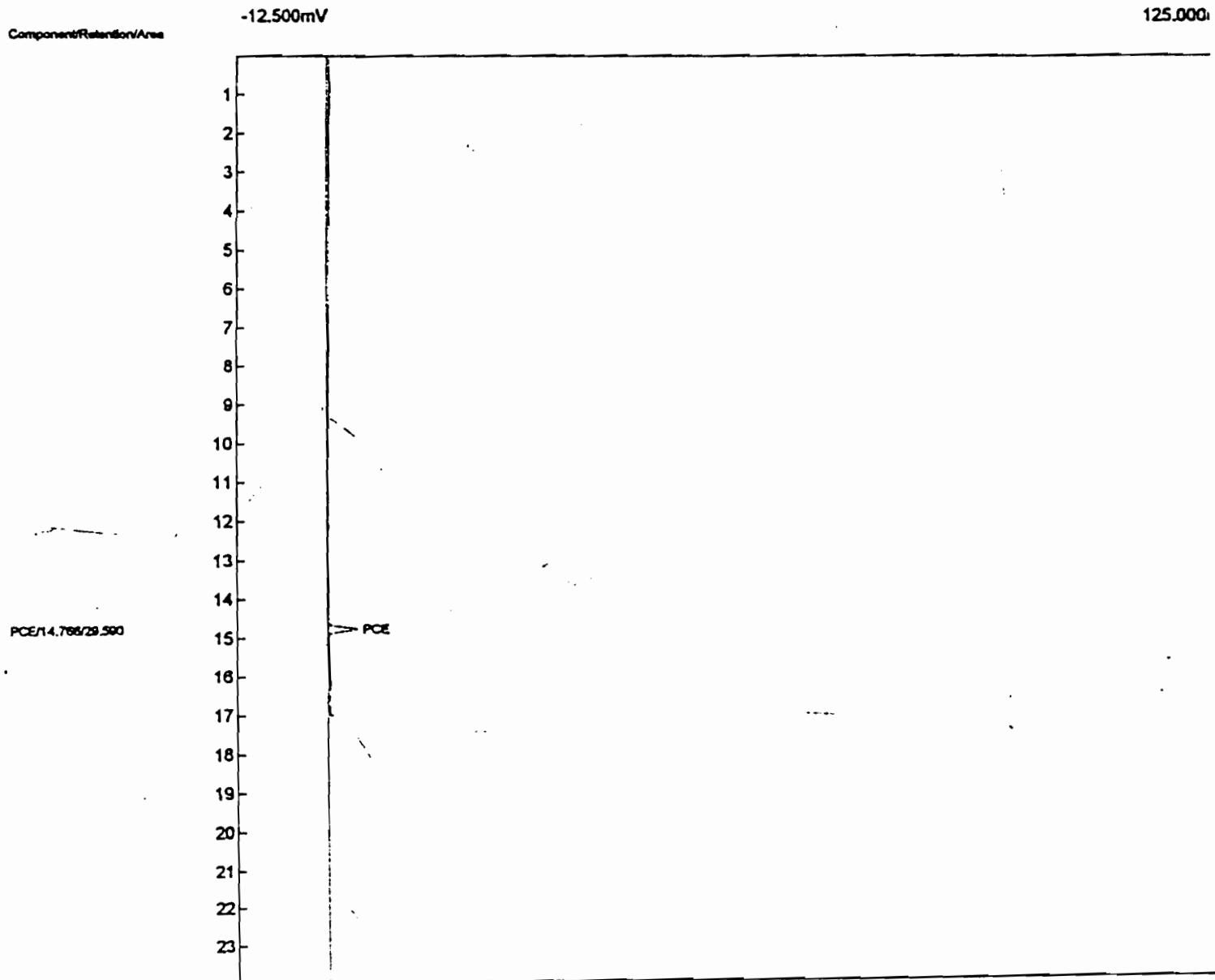
Carrier: HELIUM AT 400 ON DIAL

Data file: ELCD46.CHR 0



Component	Retention Area	External	Units
(unknown)	0.000	962.628	0.00
PCE	14.783	529.952	0.10 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ug

Client ID: GP-53
Analysis date: 12/12/1995 14:58:17
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PIDS4.CHR 0



Component	Retention Area	External	Units
PCE	14.766	29.590	0.03 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

JAN. 1996
JAN. 1996 GP-5.

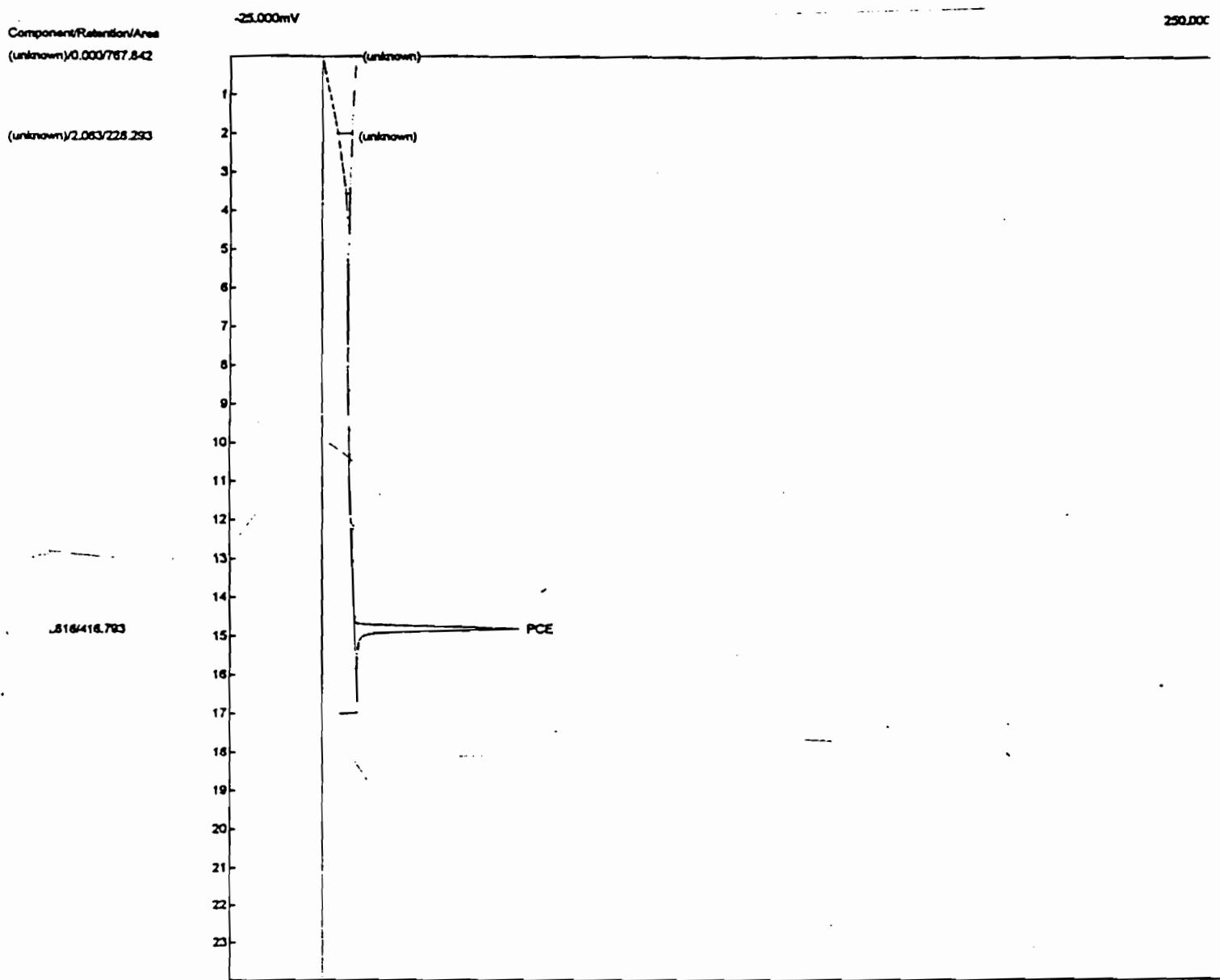
Analysis date: 12/12/1995 14:58:17

Description: DELCD

Column: RESTEK 15METER MXT-1

Carrier: HELIUM AT 400 ON DIAL

Data file: ELCD45.CHR 0



Component	Retention Area	External	Units
(unknown)	0.000	767.842	0.00
(unknown)	2.083	228.293	0.00
PCE	14.816	416.793	0.08 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ug

Client:

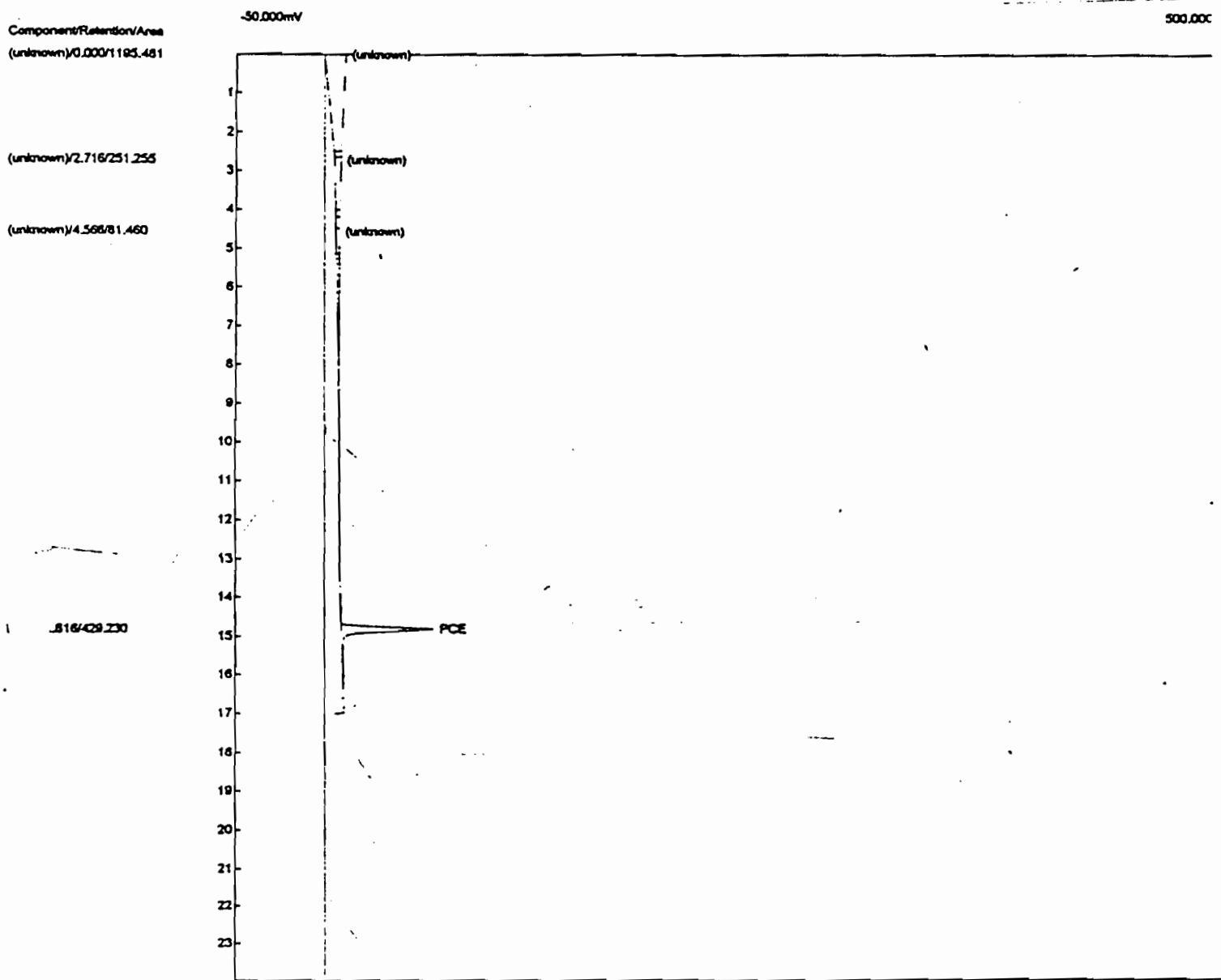
Analysis date: 12/12/1995 14:39:08

Description: DELCD

Column: RESTEK 1SMETER MXT-1

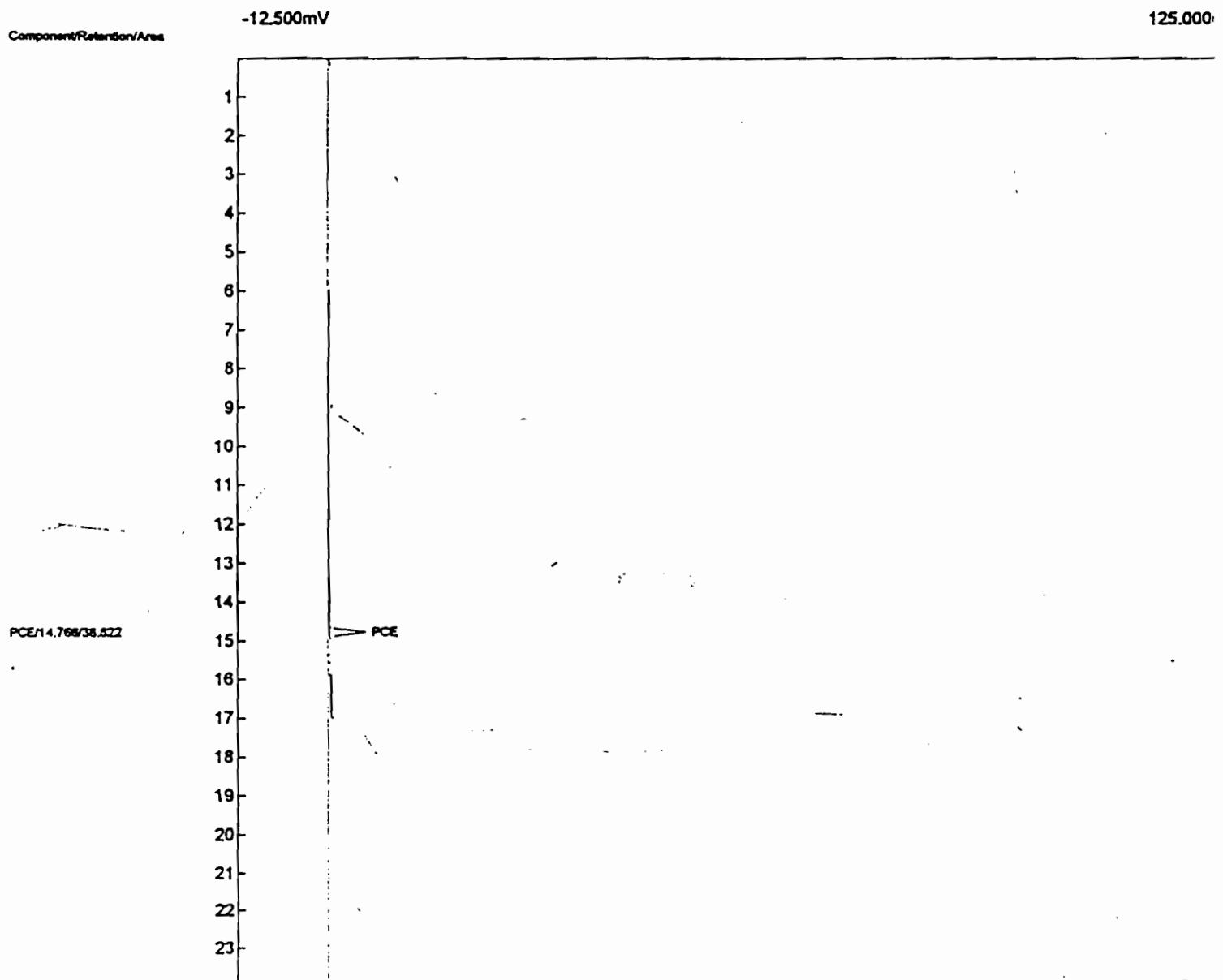
Carrier: HELIUM AT 400 ON DIAL

Data file: ELCD44.CHR 0

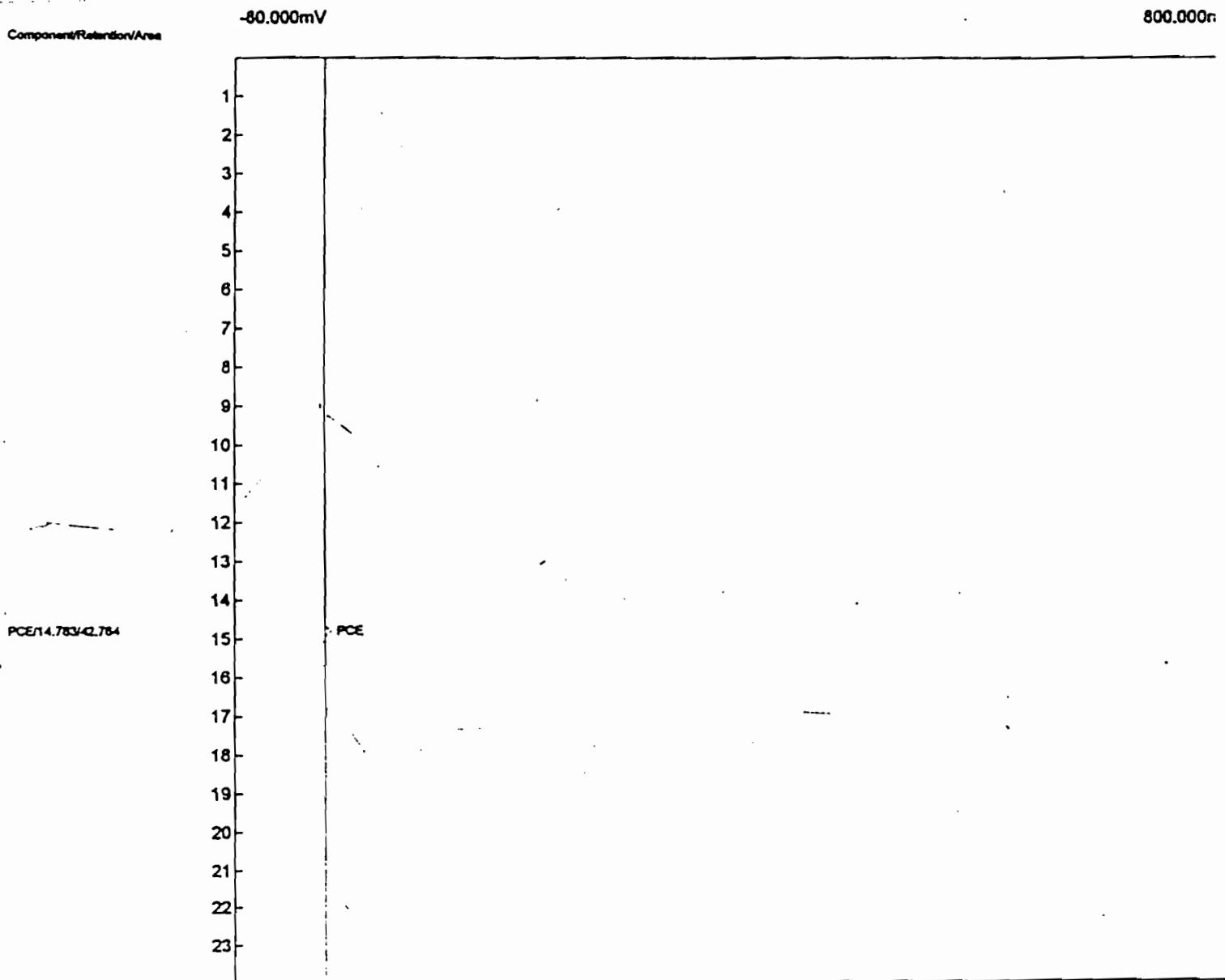


Component	Retention Area	External Units
(unknown)	0.000	1195.481 0.00
(unknown)	2.716	251.255 0.00
(unknown)	4.566	81.460 0.00
PCE	14.816	429.230 0.08 ug
Vinyl Chloride	0.000	0.00 ppb
1,2-DCE	0.000	0.00 ppb
TCE	0.000	0.00 ug

Client: Parsons ES
Client ID: GP-46
Analysis date: 12/12/1995 14:39:08
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID53.CHR 0



Analysis date: 12/12/1995 14:20:36
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID52.CHR 0



Component	Retention Area	External	Units
PCE	14.783	42.784	0.04 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

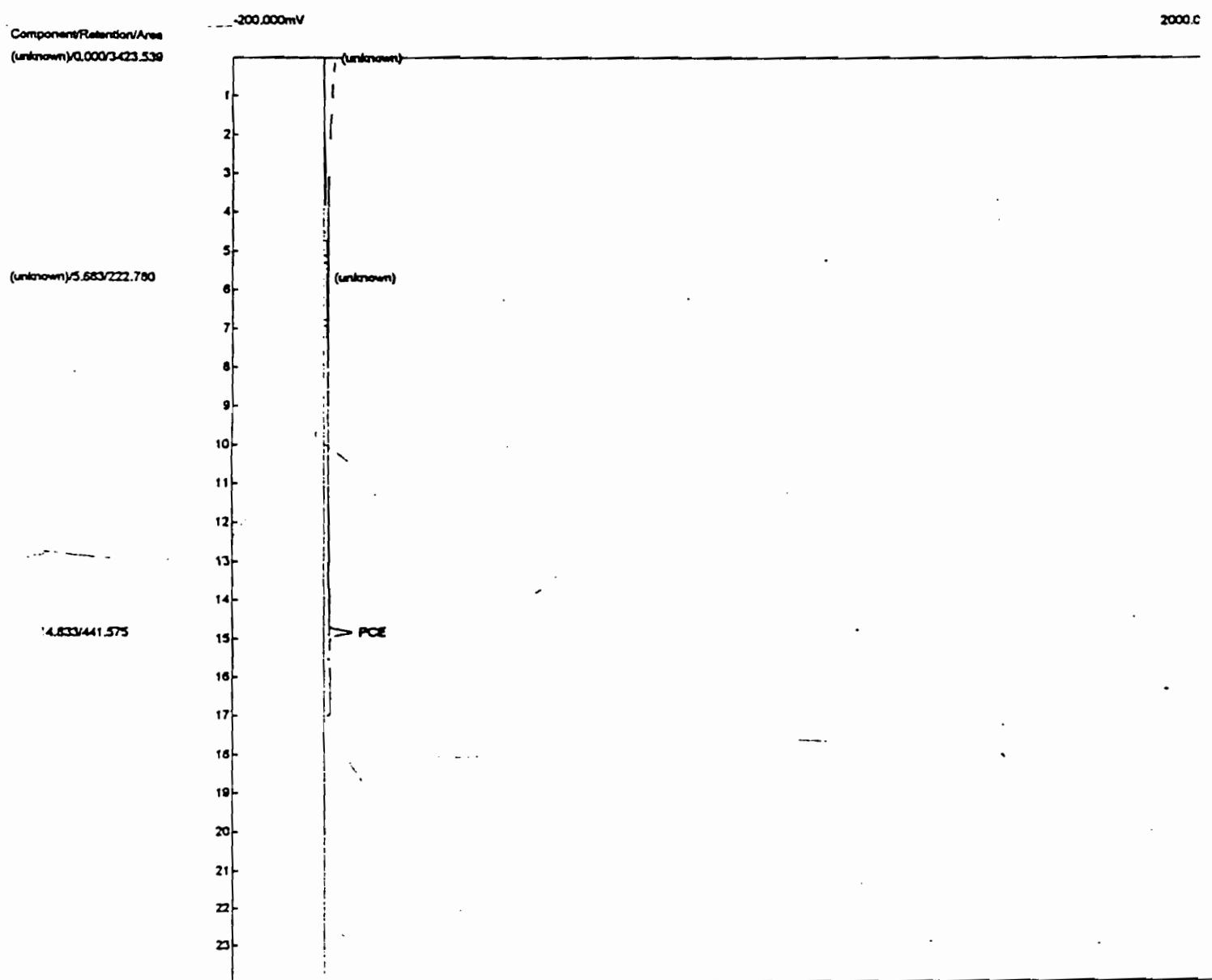
Analysis date: 1_12/1995 14:20:36

Description: DELCD

Column: RESTEK 15METER MXT-1

Carrier: HELIUM AT 400 ON DIAL

Data file: ELCD43.CHR 0

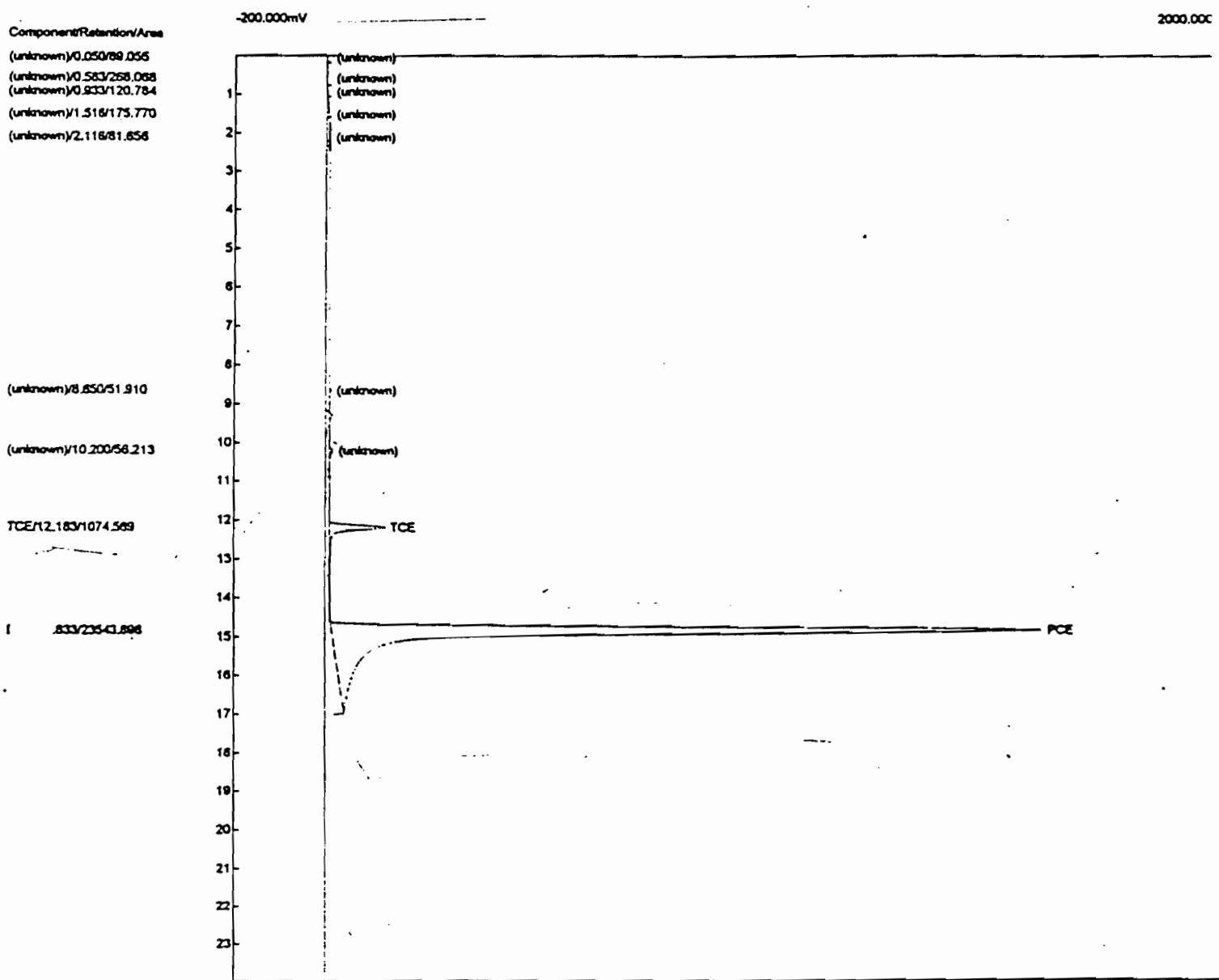


Component	Retention Area	External	Units
(unknown)	0.000	3423.539	0.00
(unknown)	5.683	222.780	0.00
PCE	14.833	441.575	0.08 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ug

ES

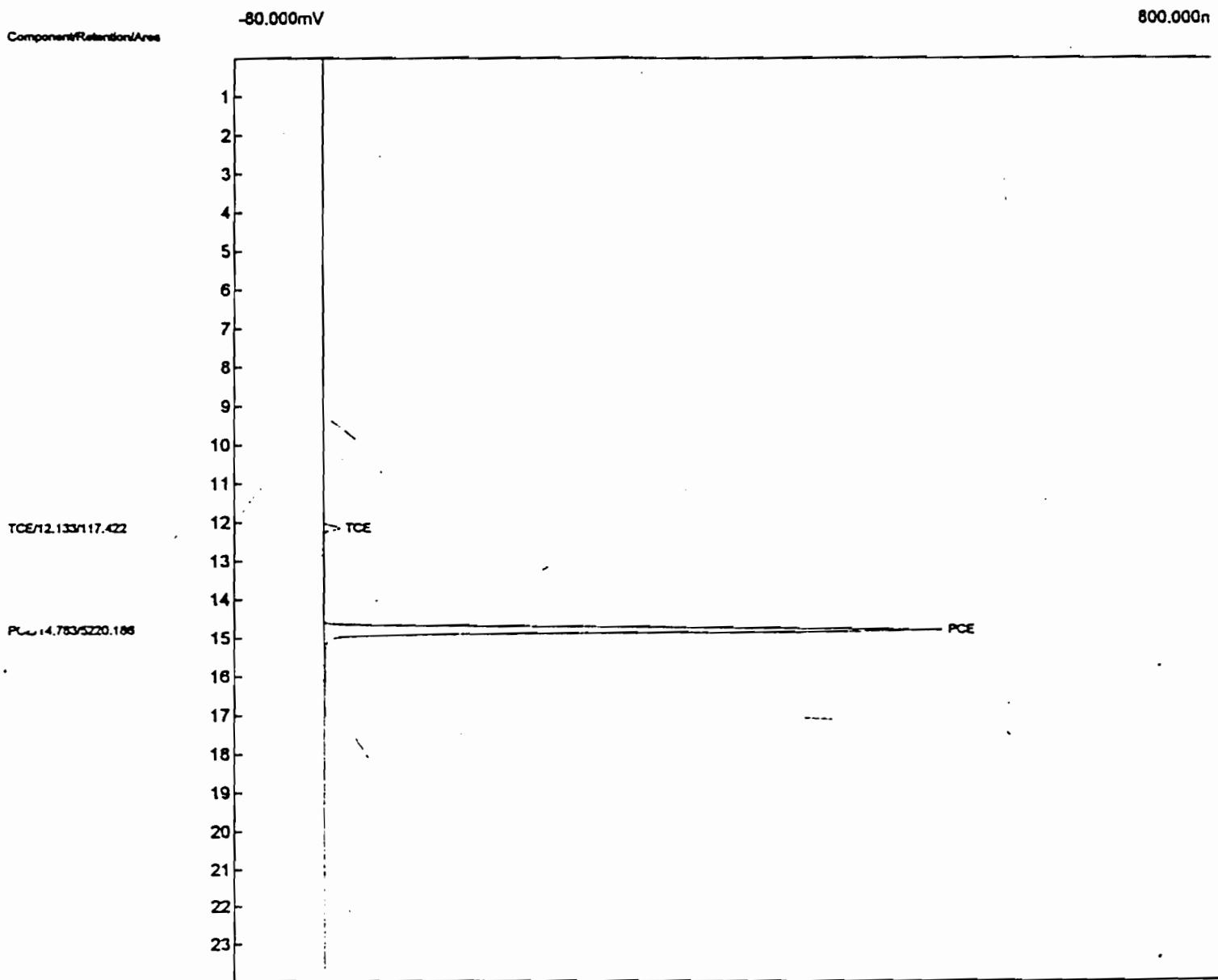
Client ID: GP-49
Analysis date: 12/12/1995 14:02:01

Description: DELCD
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: ELCD42.CHR ()



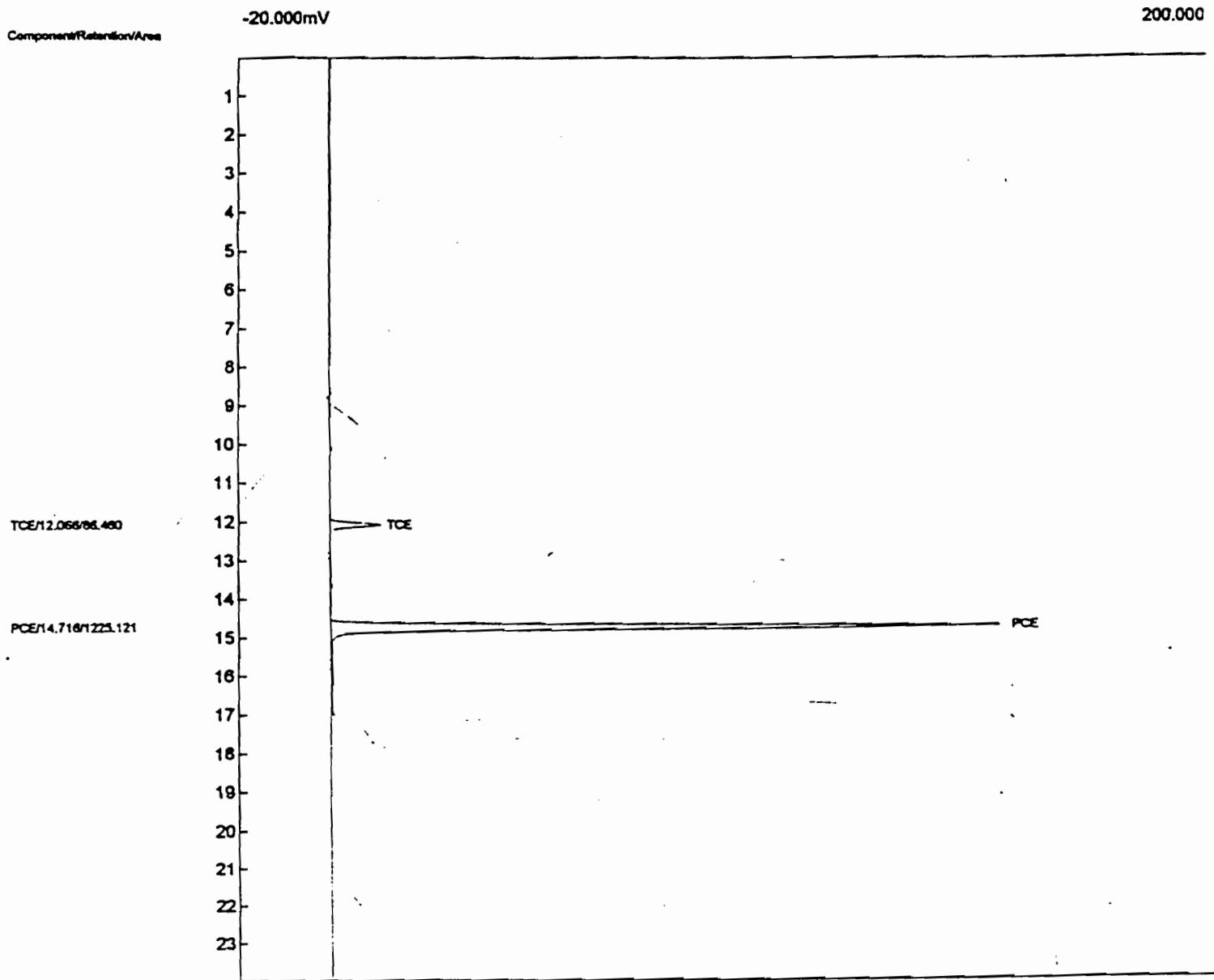
Component	Retention Area	External	Units
(unknown)	0.050	89.055	0.00
(unknown)	0.583	268.068	0.00
(unknown)	0.933	120.784	0.00
(unknown)	1.516	175.770	0.00
(unknown)	2.116	81.656	0.00
(unknown)	8.650	51.910	0.00
(unknown)	10.200	56.213	0.00
TCE	12.183	1074.569	0.13 ug
PCE	14.833	23543.898	4.45 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb

Analysis date: 12/12/1995 14:02:01
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID51.CHR 0



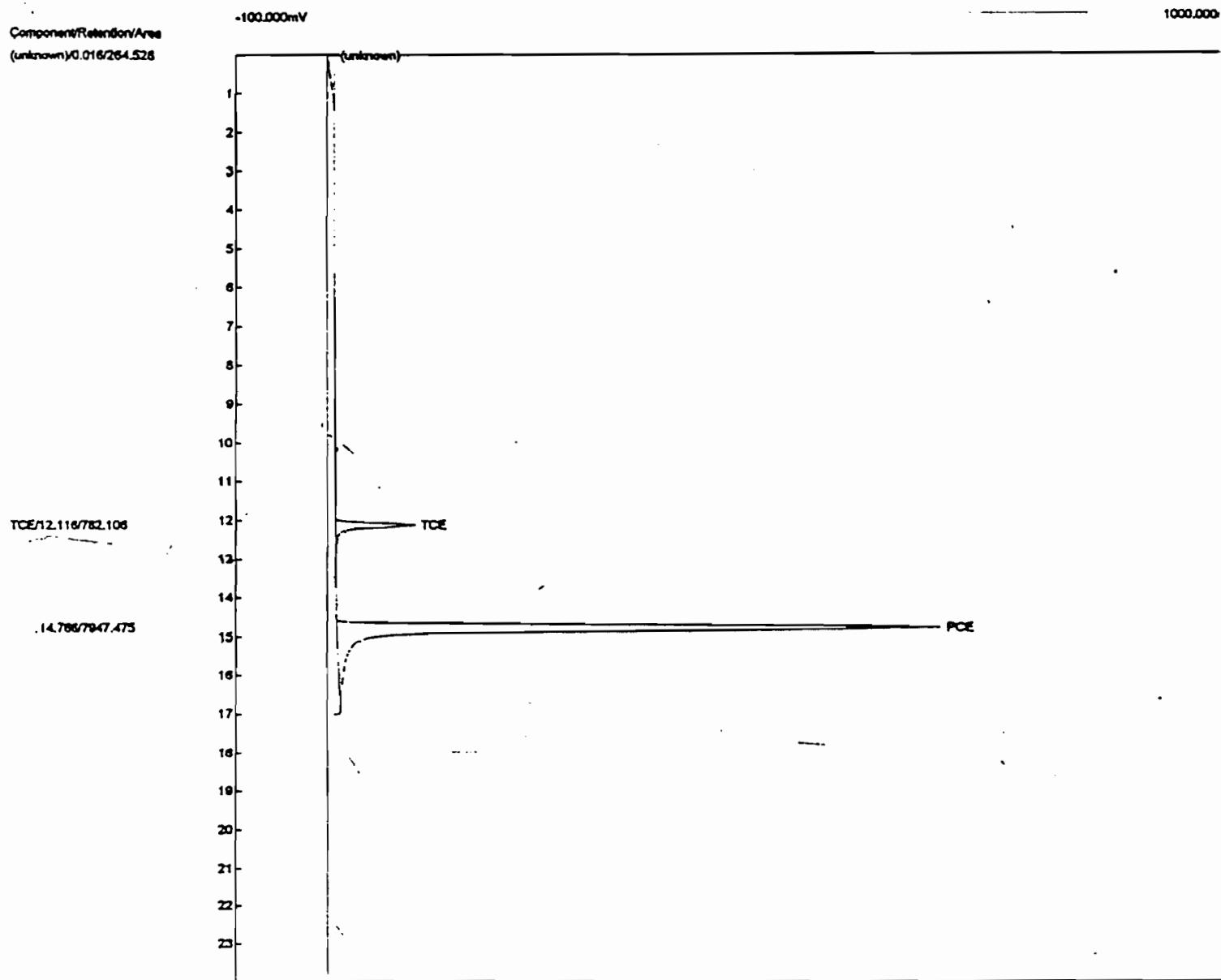
Component	Retention Area	External	Units
TCE	12.133	117.422	0.13 ug
PCE	14.783	5220.186	9.16 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1_2-DCE	0.000	0.000	0.00 ug

Client: F. J. Cohn ES
Client ID: GP-50
Analysis date: 12/12/1995 13:32:58
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID50.CHR (0)



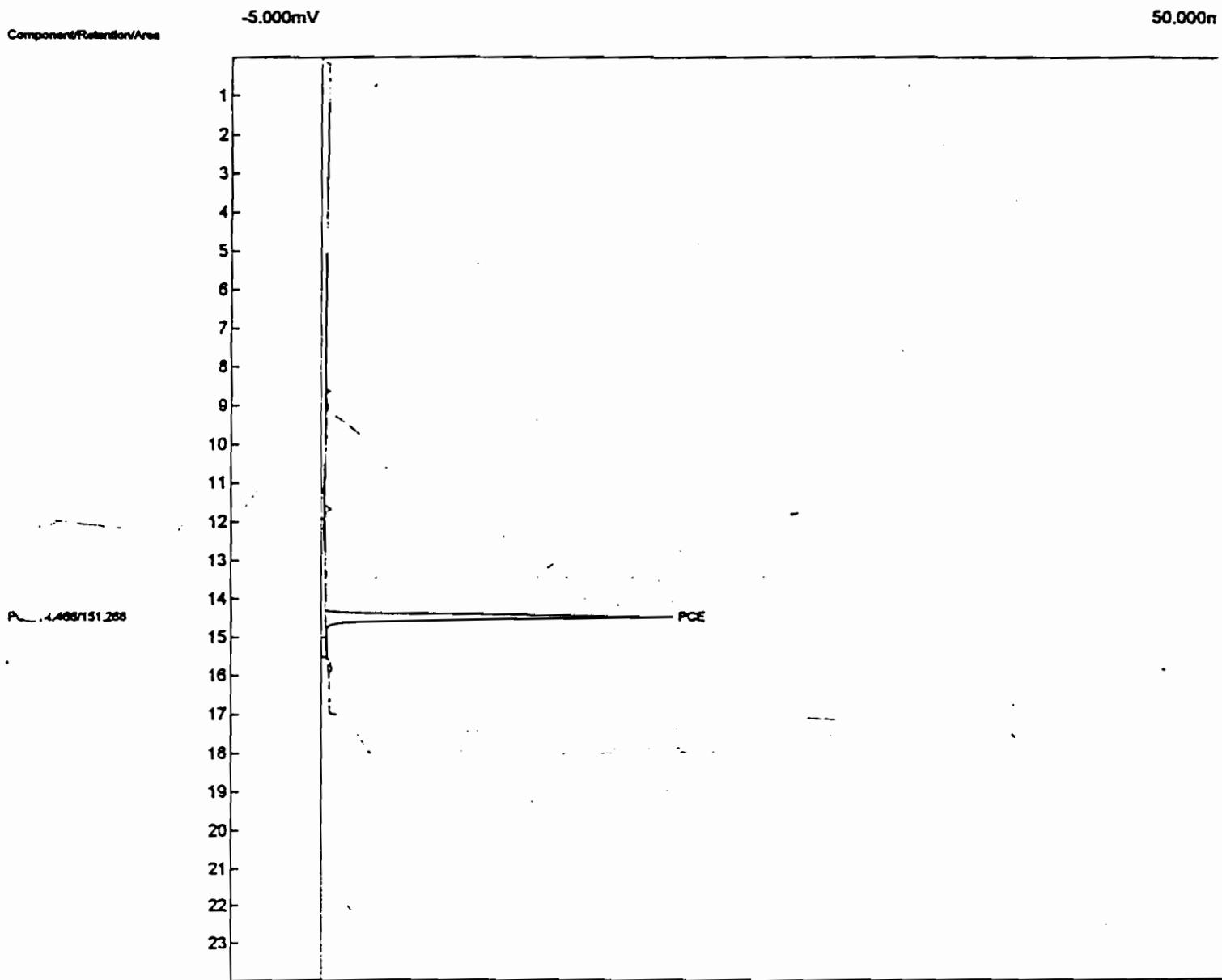
Component	Retention Area	External	Units
TCE	12.066	86.460	0.10 ug
PCE	14.716	1225.121	1.19 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	-0.000	0.00 ug

Client: ES
Client ID: GP-5J
Analysis date: 12/12/1995 13:32:58
Description: DELCD
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: ELCD41.CHR 0



Component	Retention Area	External Units
(unknown)	0.016	284.528
TCE	12.116	782.106
PCE	14.766	7947.475
Vinyl Chloride	0.000	0.00 ppb
1,2-DCE	0.000	0.00 ppb

Analysis date: 12/12/1995 13:08:37
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID49.CHR 0



Component	Retention Area	External	Units
PCE	14.466	151.268	0.15 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

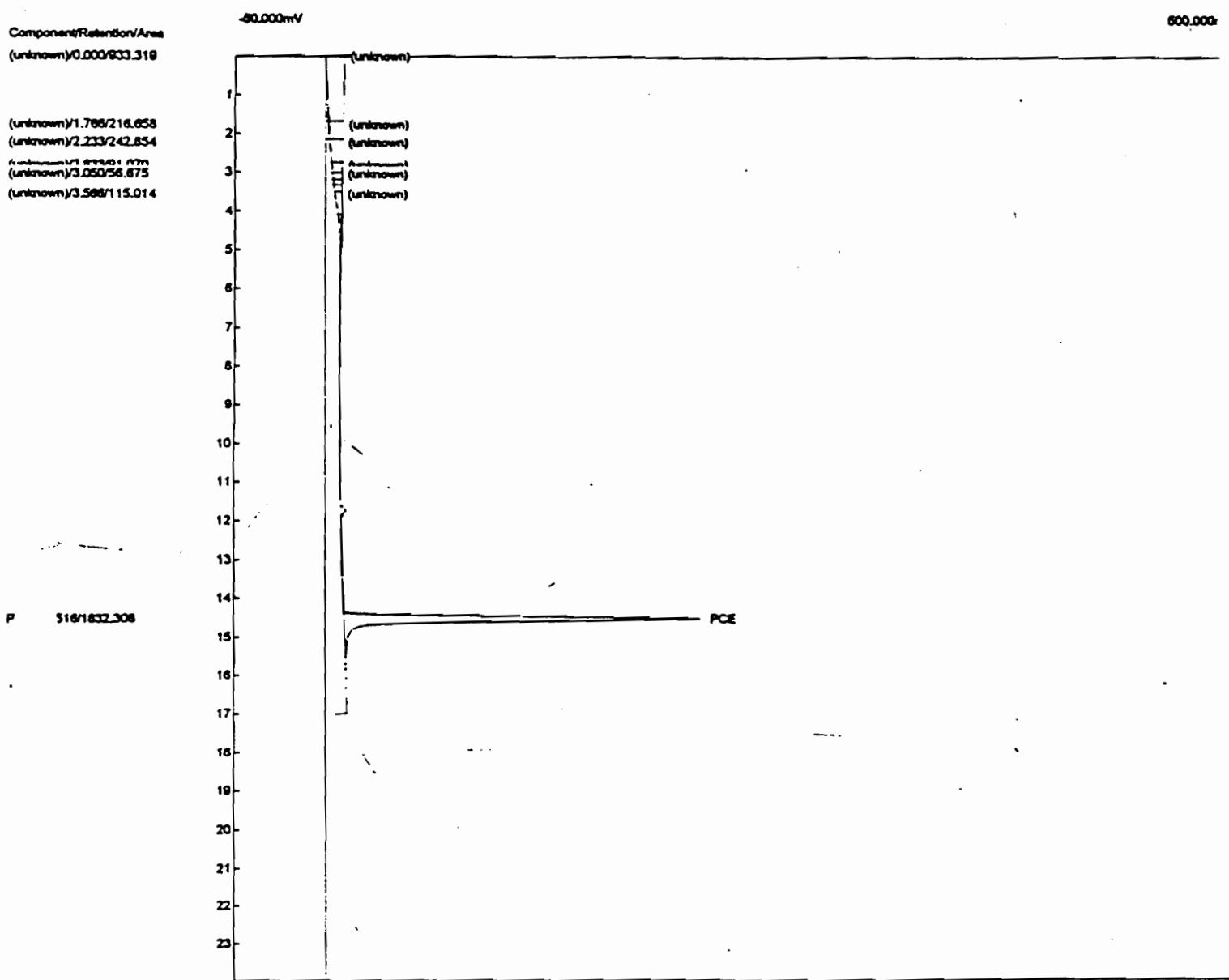
Analysis date: 12/12/1995 13:08:37

Description: DELCD

Column: RESTEK 15METER MXT-1

Carrier: HELIUM AT 400 ON DIAL

Data file: ELCD40.CHR 0



Component	Retention Area	External Units
(unknown)	0.000	933.319
(unknown)	1.766	216.658
(unknown)	2.233	242.854
(unknown)	2.833	91.070
(unknown)	3.050	56.675
(unknown)	3.566	115.014
PCE	14.518	1832.308
Vinyl Chloride	0.000	0.00 ug
1,2-DCE	0.000	0.00 ppb
TCE	0.000	0.00 ug

Analyses E:

Client ID: GP-45
Analysis date: 12/12/18 14:48:41

Method: Purge &

Description: PID

Column: RESTEK METER MXT-1

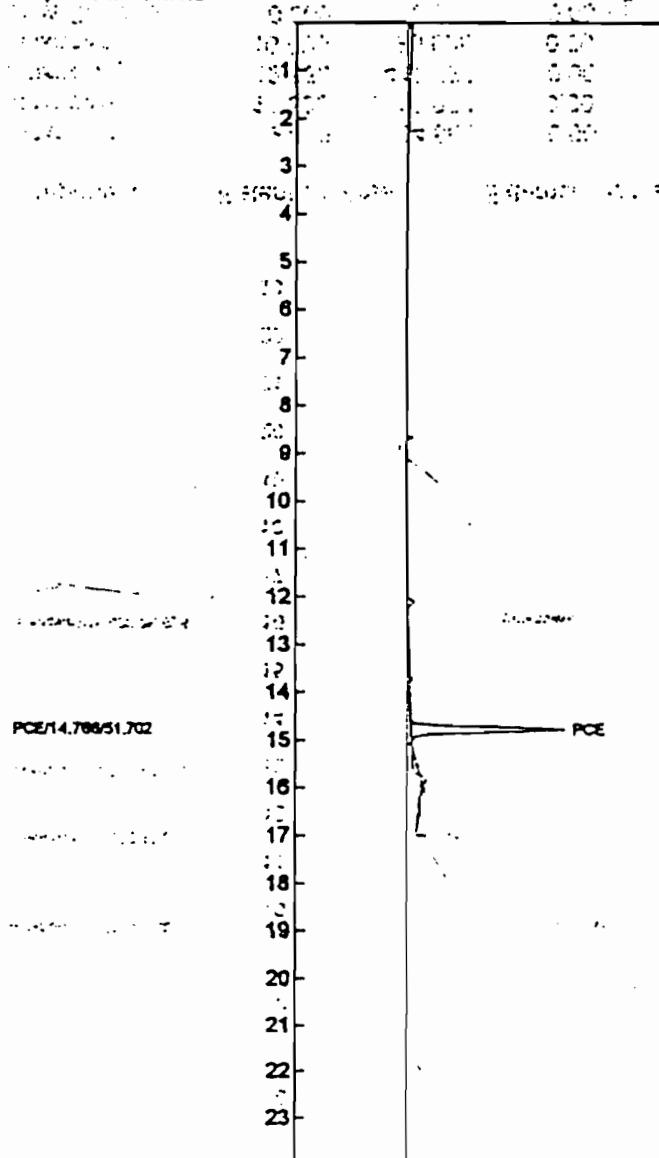
Carrier: HELIUM A, 400 ON DIAL

Data file: C:\PEAKWIN\PID48.CHR 0

0.000 0.000 0.000
0.000 0.000 0.000
0.000 -5.000mV 0.000
0.000 0.000 0.000

50.000r

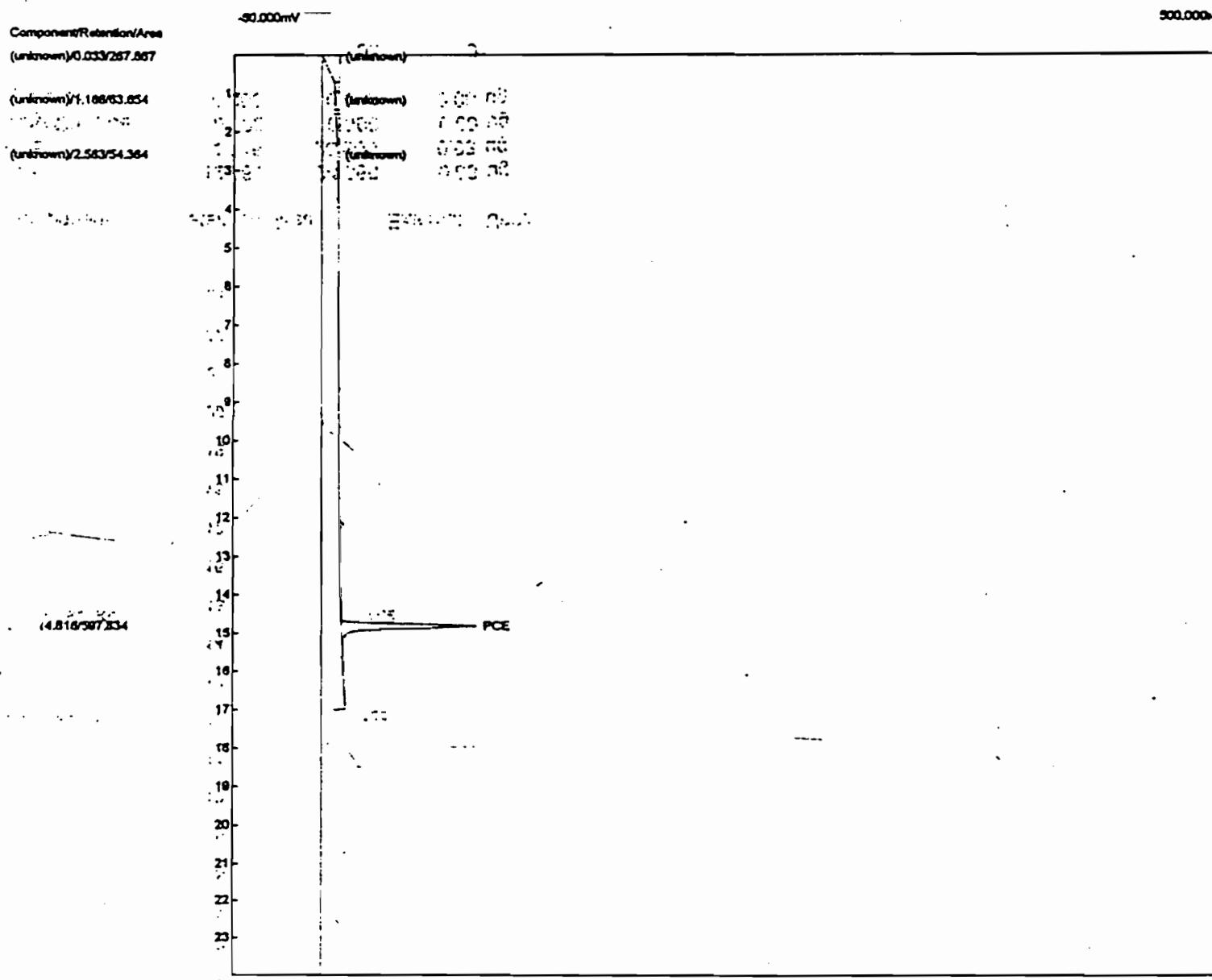
Component/Retention/Area



Component	Retention Area	External	Units
PCE	14.766	51.702	0.05 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

52 0

Client ID: GP-4.
Analysis date: 12/12/1995 12:48:41
Description: DELCD
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: ELCD39.CHR 0

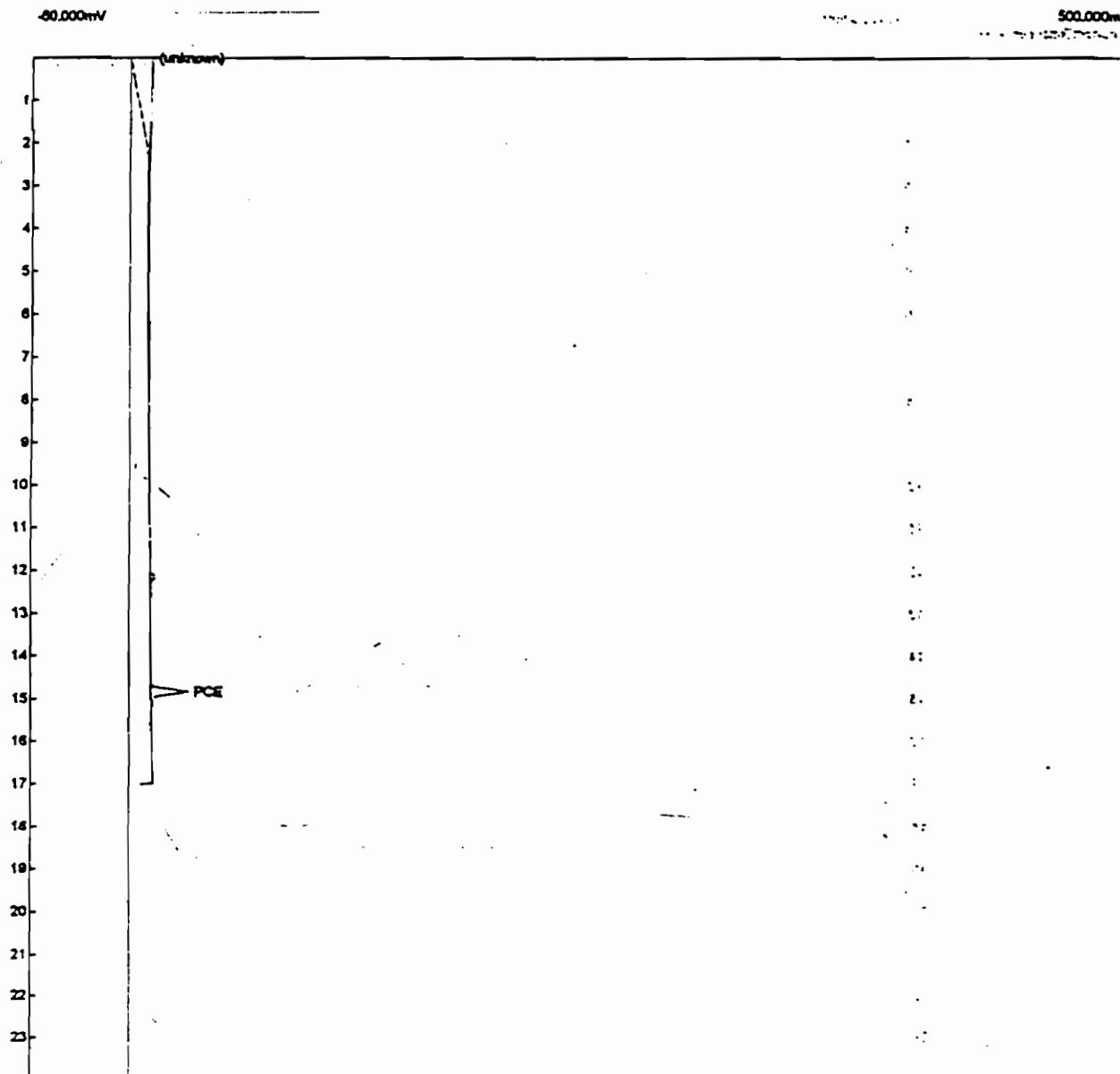


Component	Retention Area	External Units
(unknown)	0.033	267.867
(unknown)	1.166	63.654
(unknown)	2.583	54.364
PCE	14.816	597.834
Vinyl Chloride	0.000	0.00 ppb
1,2-DCE	0.000	0.00 ppb
TCE	0.000	0.00 ug

Cl.
Client ID: C-36
Analysis date: 12/12/1995 12:27:49

Description: DELCD
Column: RESTEK 1SMETER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: ELCD38.CHR 0

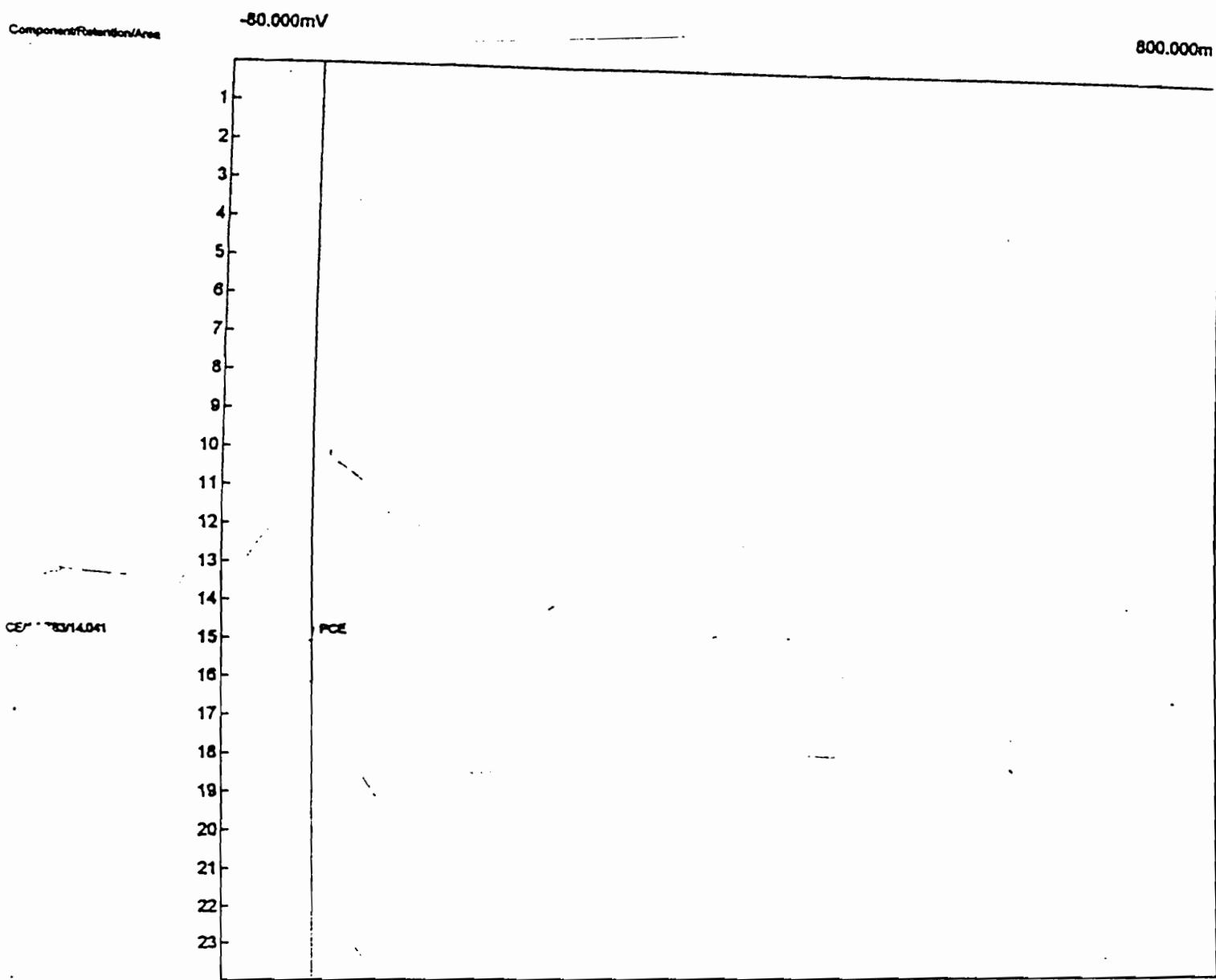
100.000mV
500.000mV
-50.000mV
Component Retention/Area
(Unknown) 0.000/813.755



Component	Retention Area	External Units	Units
(Unknown)	0.000	813.755	0.00
PCE	14.833	169.206	0.03 ug
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ug

12/27/98
PID & Trap

Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID47.CHR 0



Component	Retention	Area	External	Units
CE	14.783	14.041	0.01	ug
1,1-Dimethyl Chloride	0.000	0.000	0.00	ug
2,2-DCE	0.000	0.000	0.00	ug
DE	0.000	0.000	0.00	ug

Analysis date: 12/12/1995 10:22:10

Method: Purge & Trap

Description: PID

Column: RESTEK 15METER MXT-1

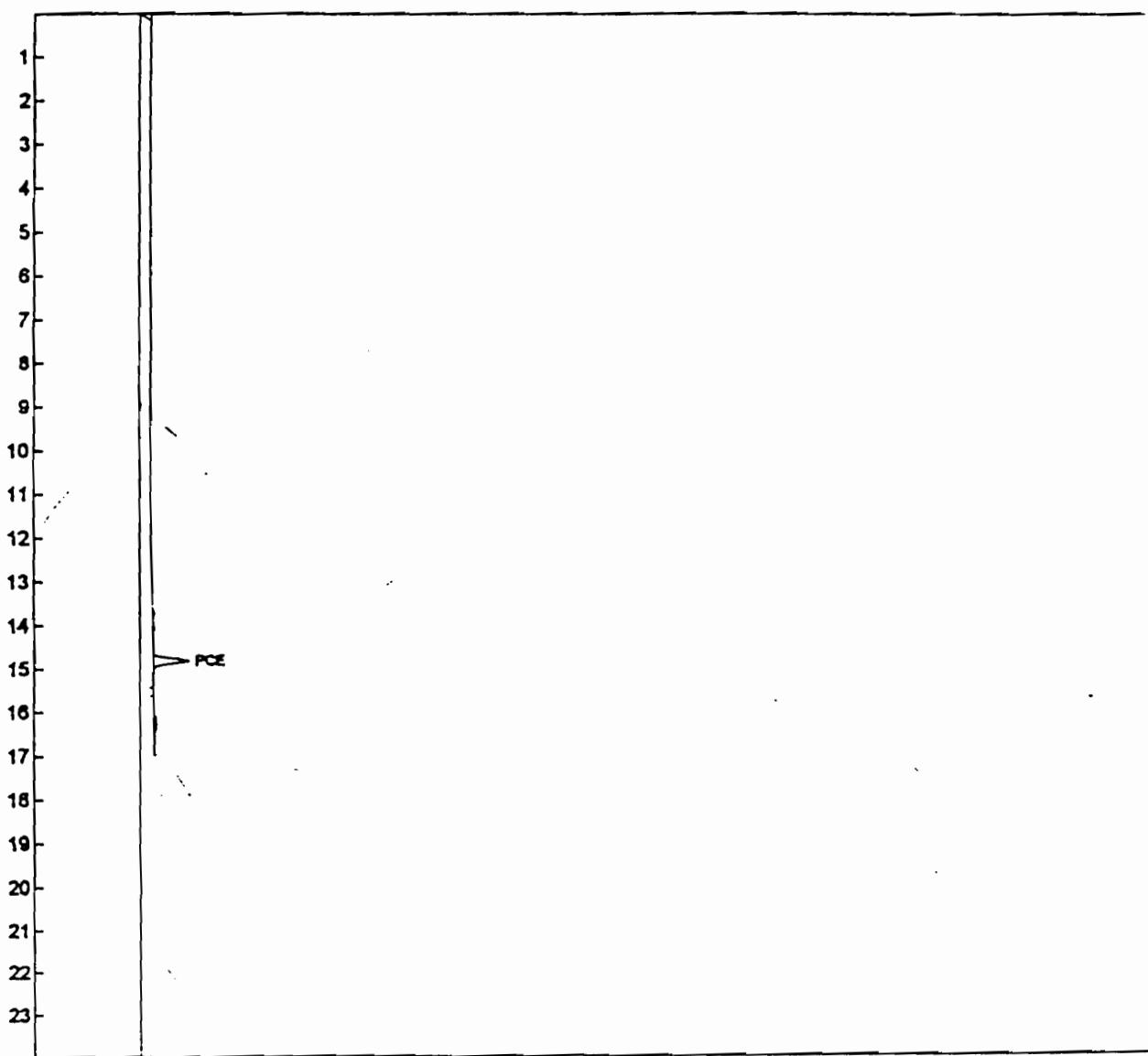
Carrier: HELIUM AT 400 ON DIAL

Data file: C:\PEAKWIN\PID41.CHR 0

-10.000mV

100.000r

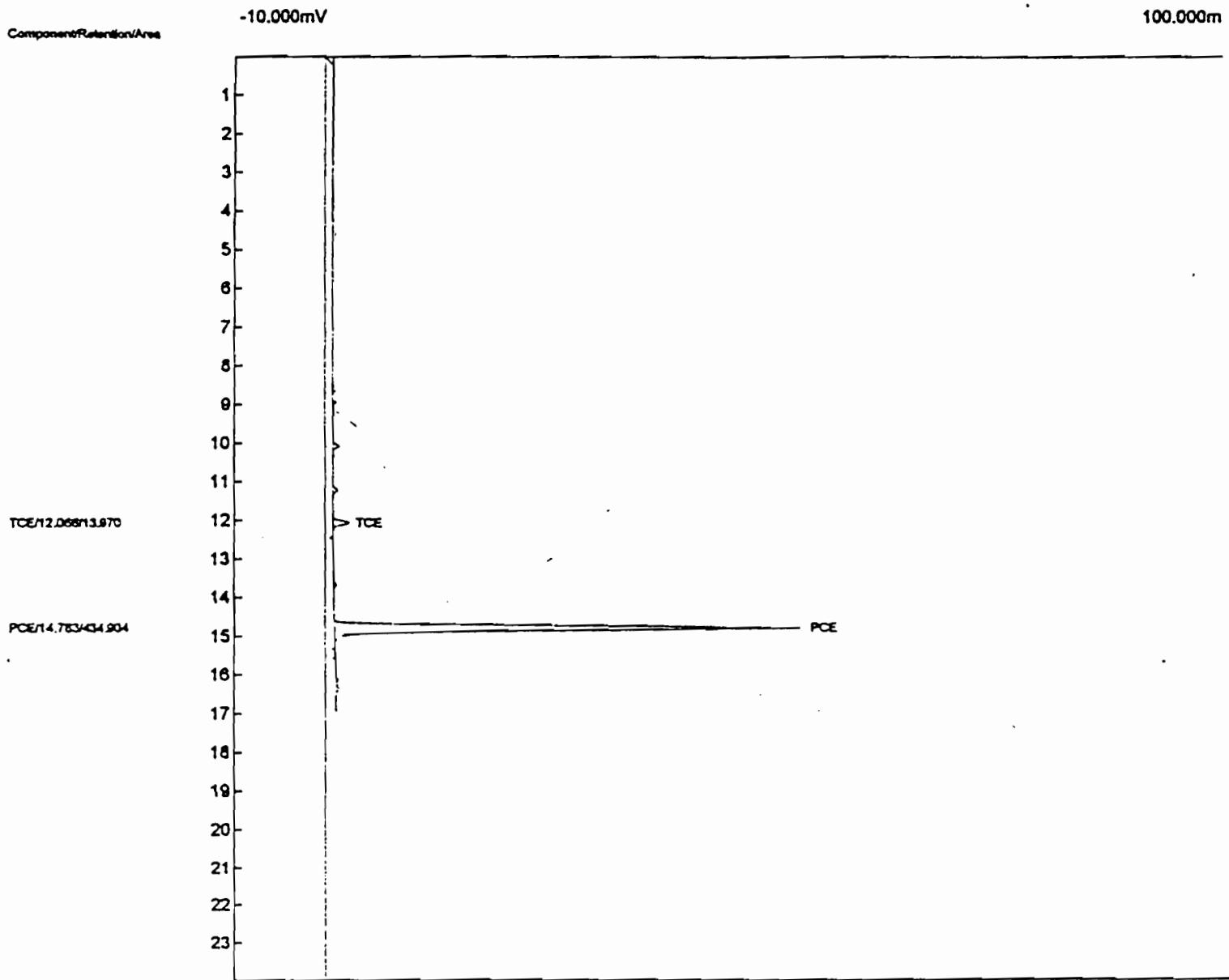
Component/Retention/Area



PCE/14.816/28.152

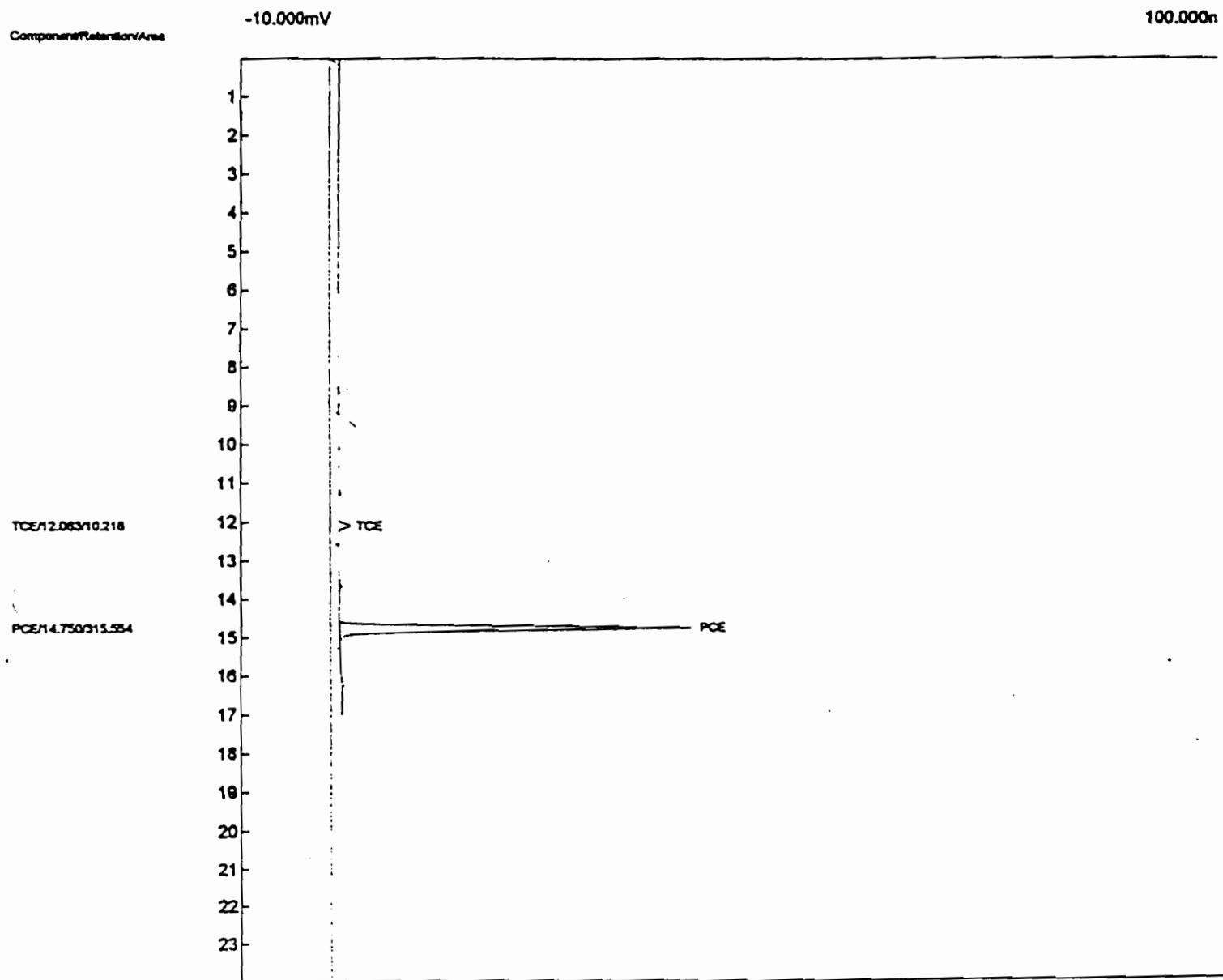
Component	Retention Area	External	Units
PCE	14.816	28.152	0.03 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

Client ID: GP-
Analysis date: 12/12/1995 10:02:03
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID40.CHR 0



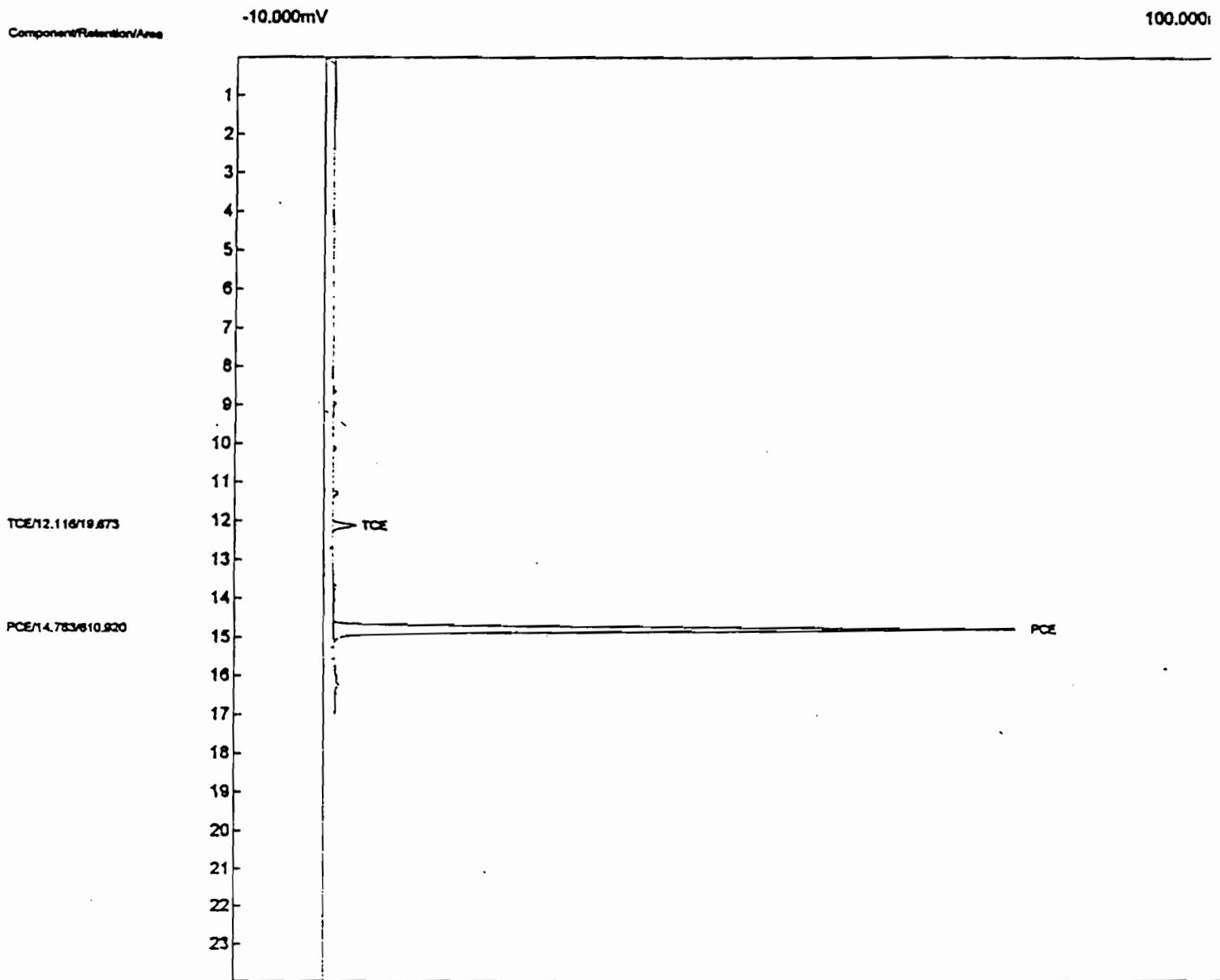
Component	Retention Area	External	Units
TCE	12.066	13.970	0.02 ug
PCE	14.783	434.904	0.42 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug

Analysis ES
Client ID: GP-33
Analysis date: 12/12/1991 27:56
Method: Purge & Trap
Description: PID
Column: RESTEK METER MXT-1
Carrier: HELIUM 400 ON DIAL
Data file: C:\PEAKV\NPID39.CHR



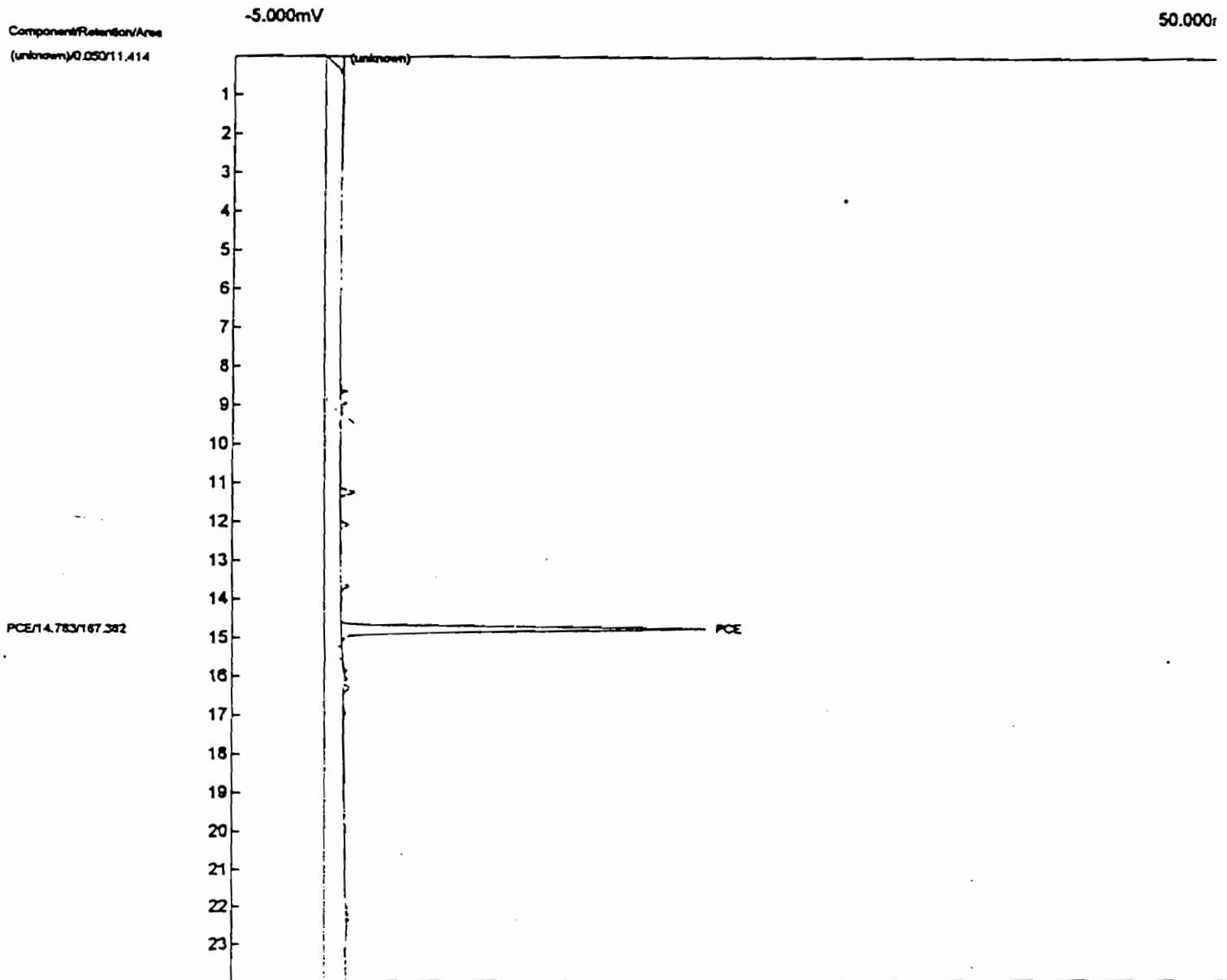
Component	Retention Area	External	Units
TCE	12.083	10.218	0.01 ug
PCE	14.750	315.554	0.31 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug

Analysis date: 12/1. 1995 09:03:42
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID38.CHR 0



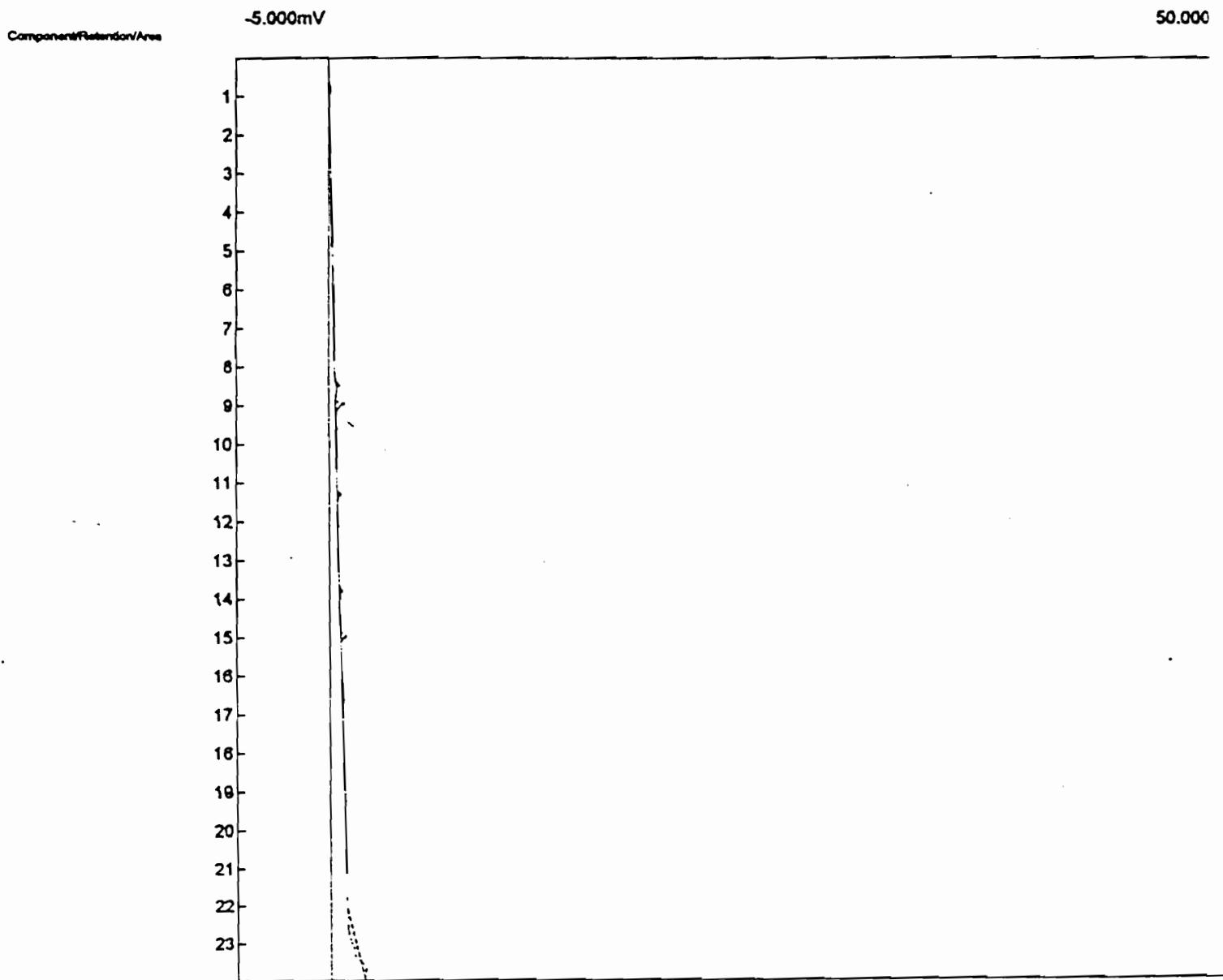
Component	Retention	Area	External	Units
TCE	12.116	19.673	0.02	ug
PCE	14.783	610.920	0.59	ug
Vinyl Chloride	0.000	0.000	0.00	ug
1,2-DCE	0.000	0.000	0.00	ug

Run ID: GR-
Analysis date: 12/12/1995 08:35:13
Method: Purge & Trap
Description: PID
Column: RESTEK 1SMETER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID37.CHR 0



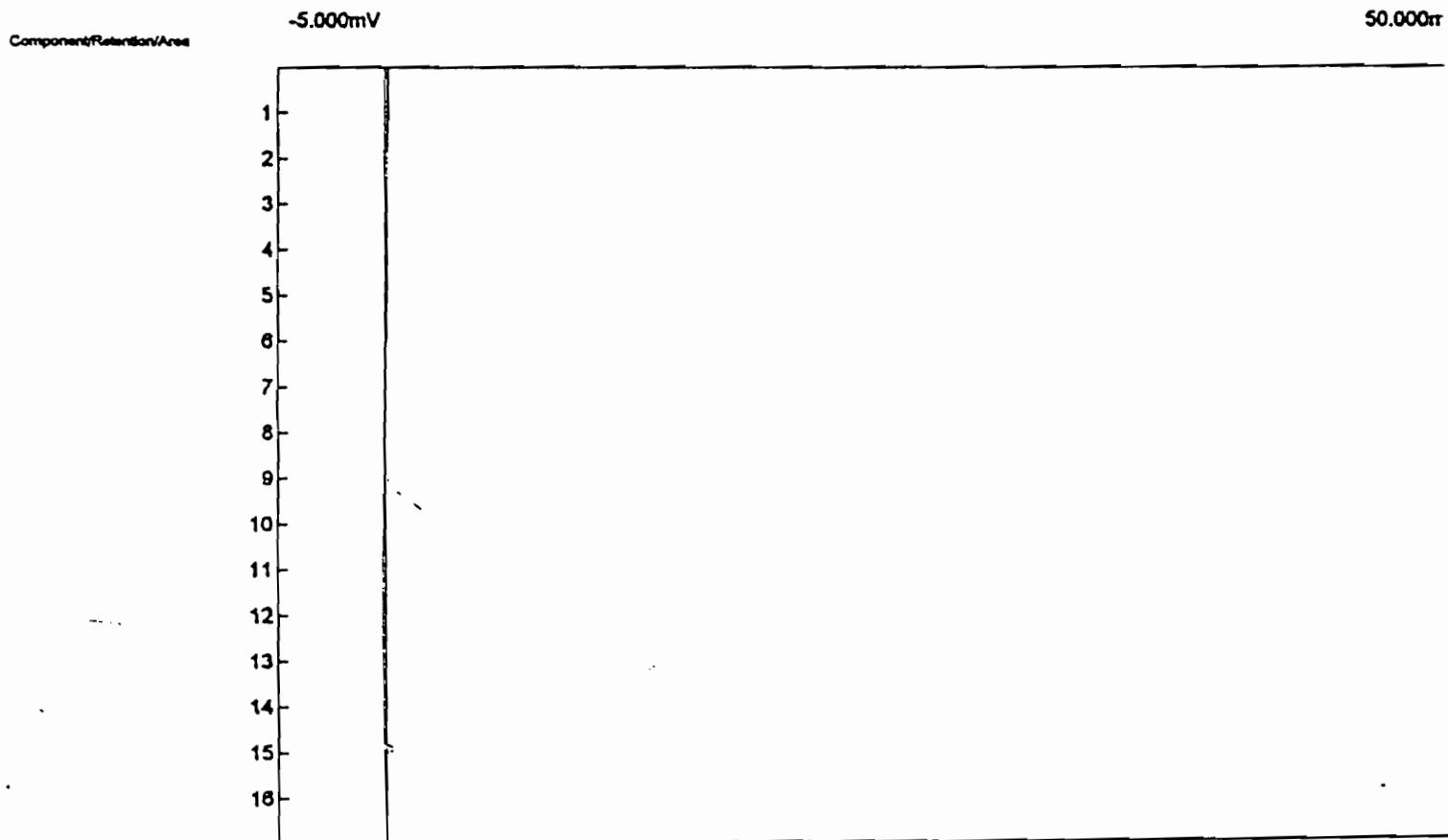
Component	Retention Area	External	Units
(unknown)	0.050	11.414	0.00
PCE	14.783	167.382	0.16 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

Client ID: BURK
Analysis date: 12/12/1995 08:06:40
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: C:\PEAKWIN\PID36.CHR(0)



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

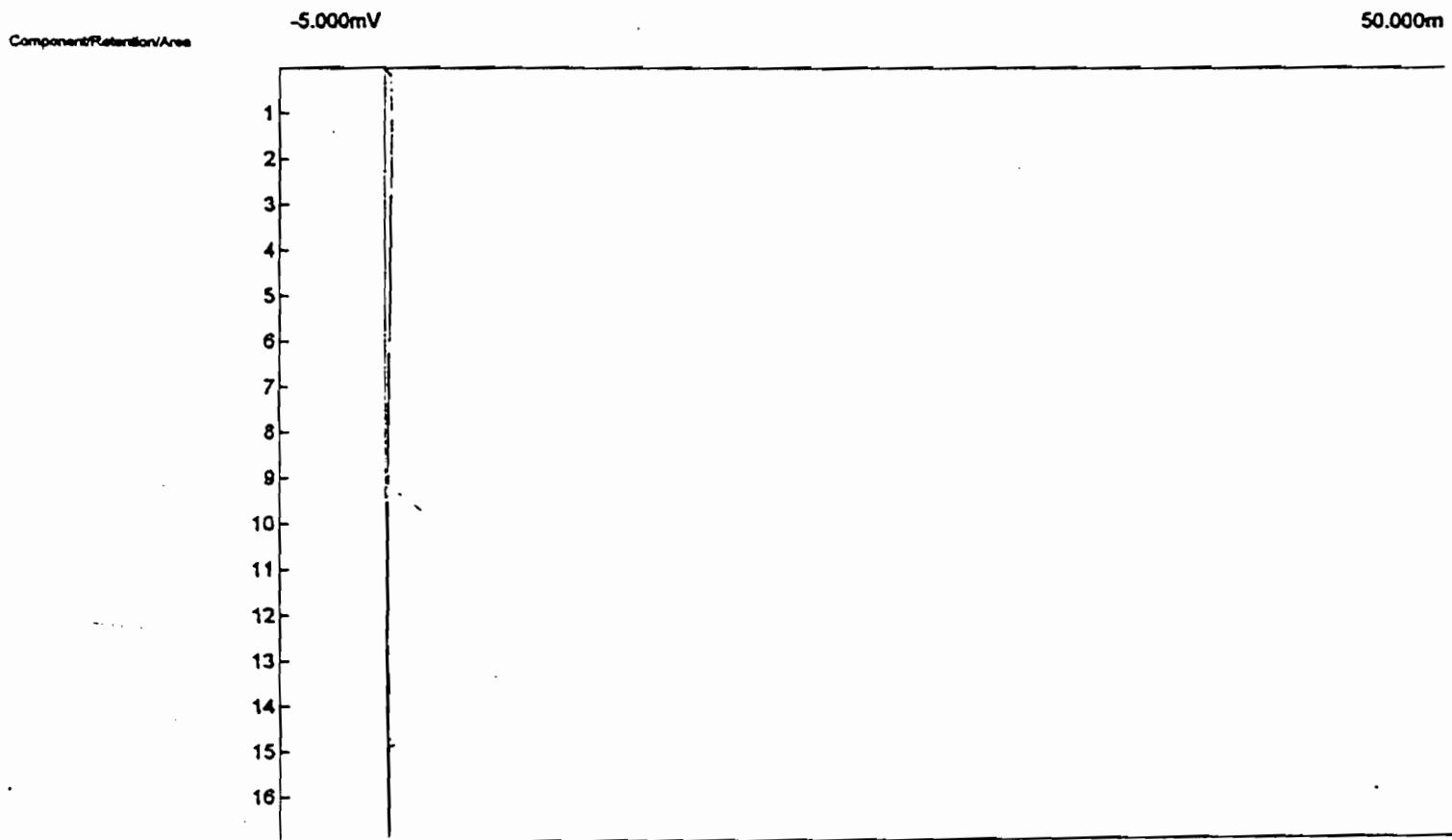
Analysis date: 12/11/1995 22:43:38
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID35.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

Client ID: 51-27
Analysis date: 12/11/1995 22:25:11
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID34.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

Analysis date: 12/11/1995 22:06:58

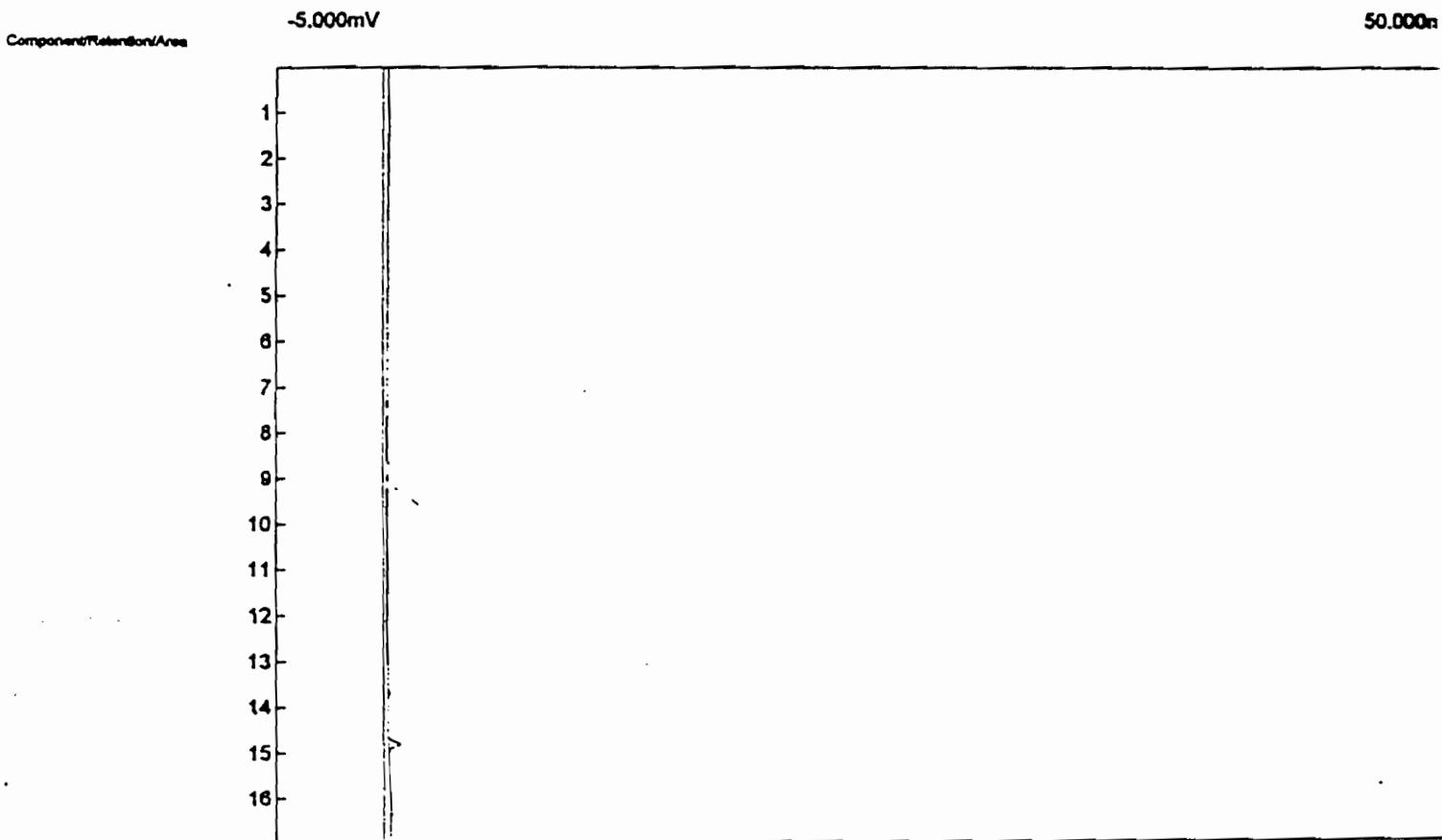
Method: Purge & Trap

Description: PID

Column: RESTEK 15METER MXT-1

Carrier: HELIUM AT 400 ON DIAL

Data file: PID33.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

alysis date: 12/11/1995 21:47:50

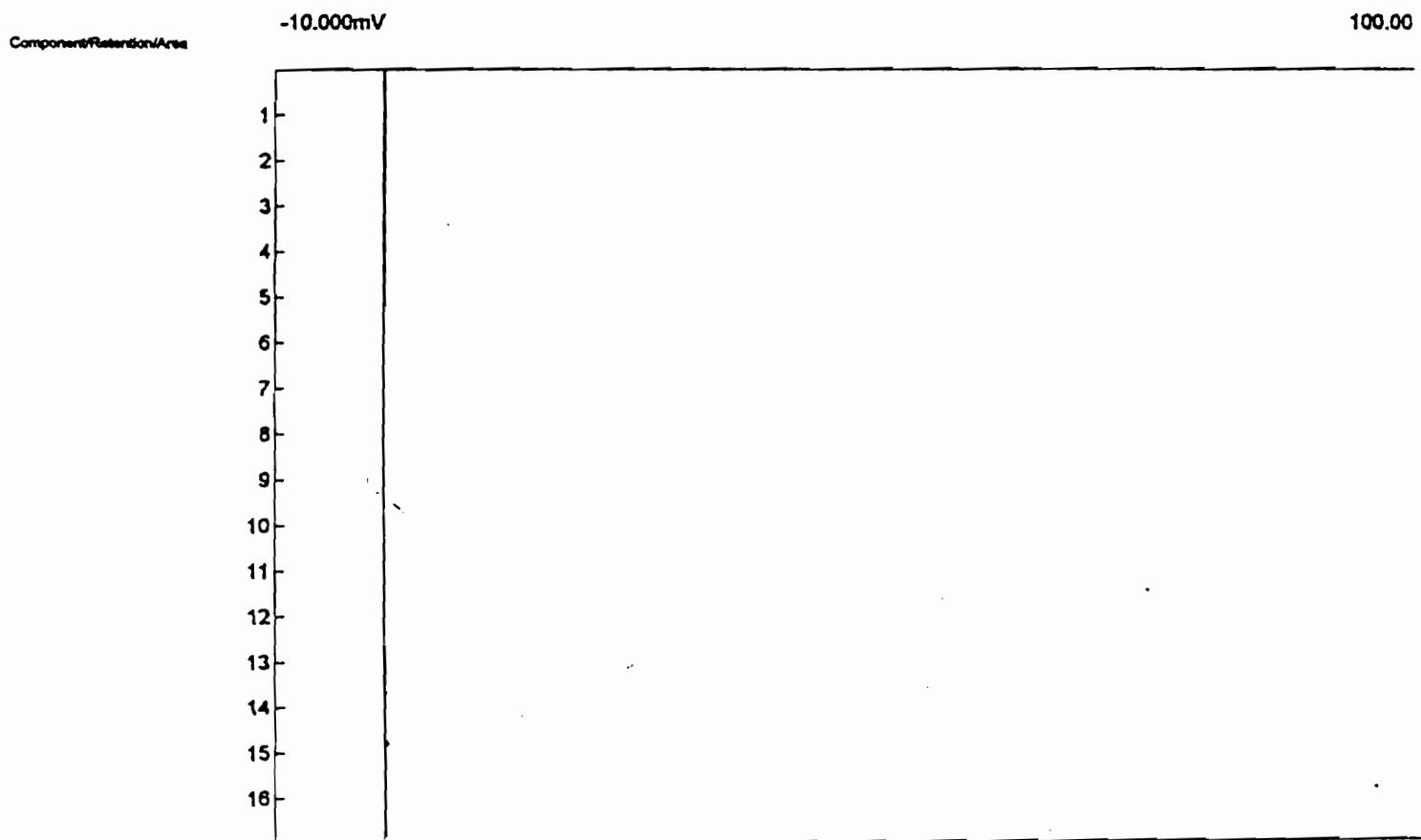
Method: Purge & Trap

Description: PID

Column: RESTEK 15METER MXT-1

Carrier: HELIUM AT 400 ON DIAL

Data file: PID32.CHR 0

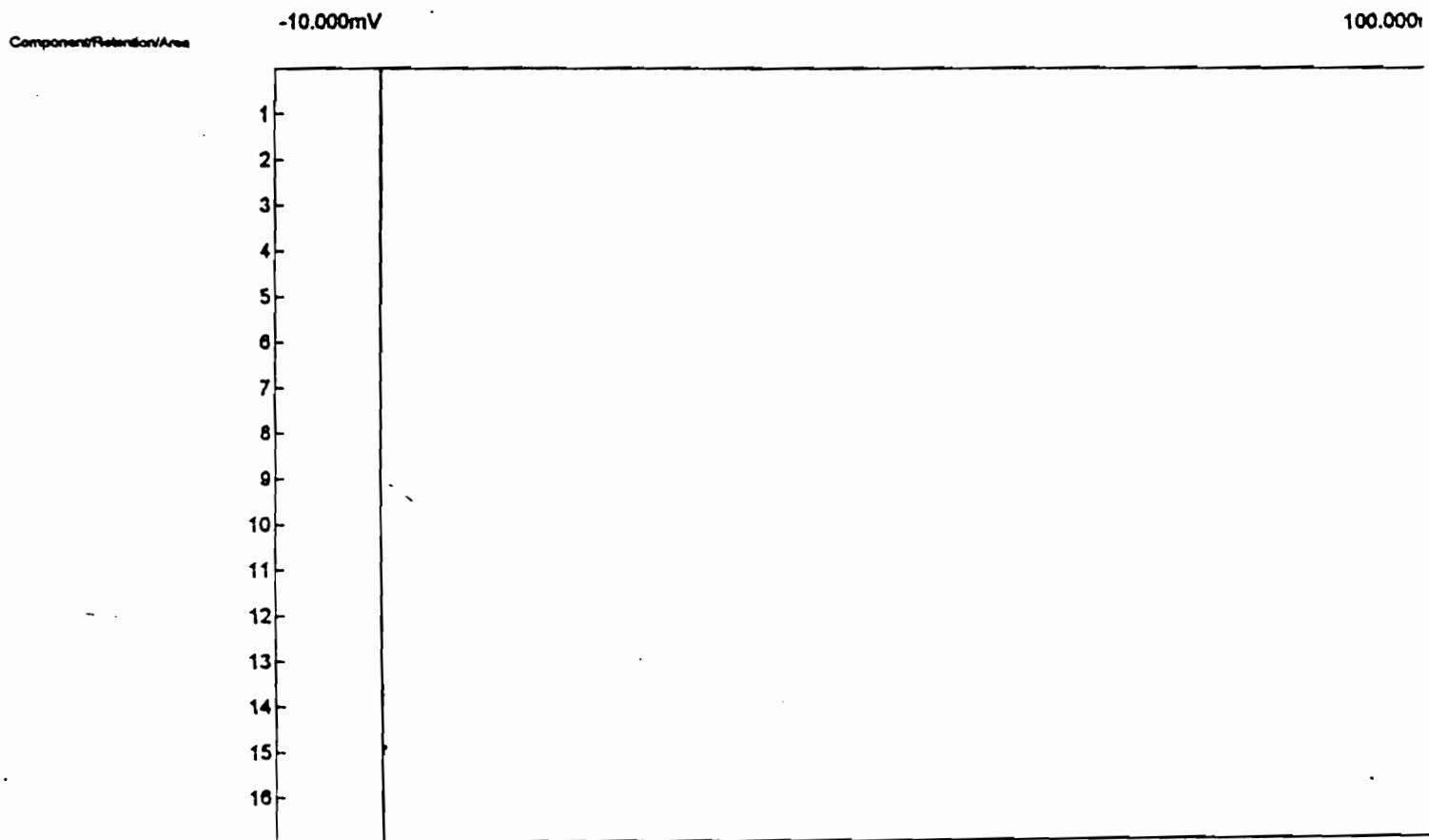


Component	Retention Area	External	Units
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Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

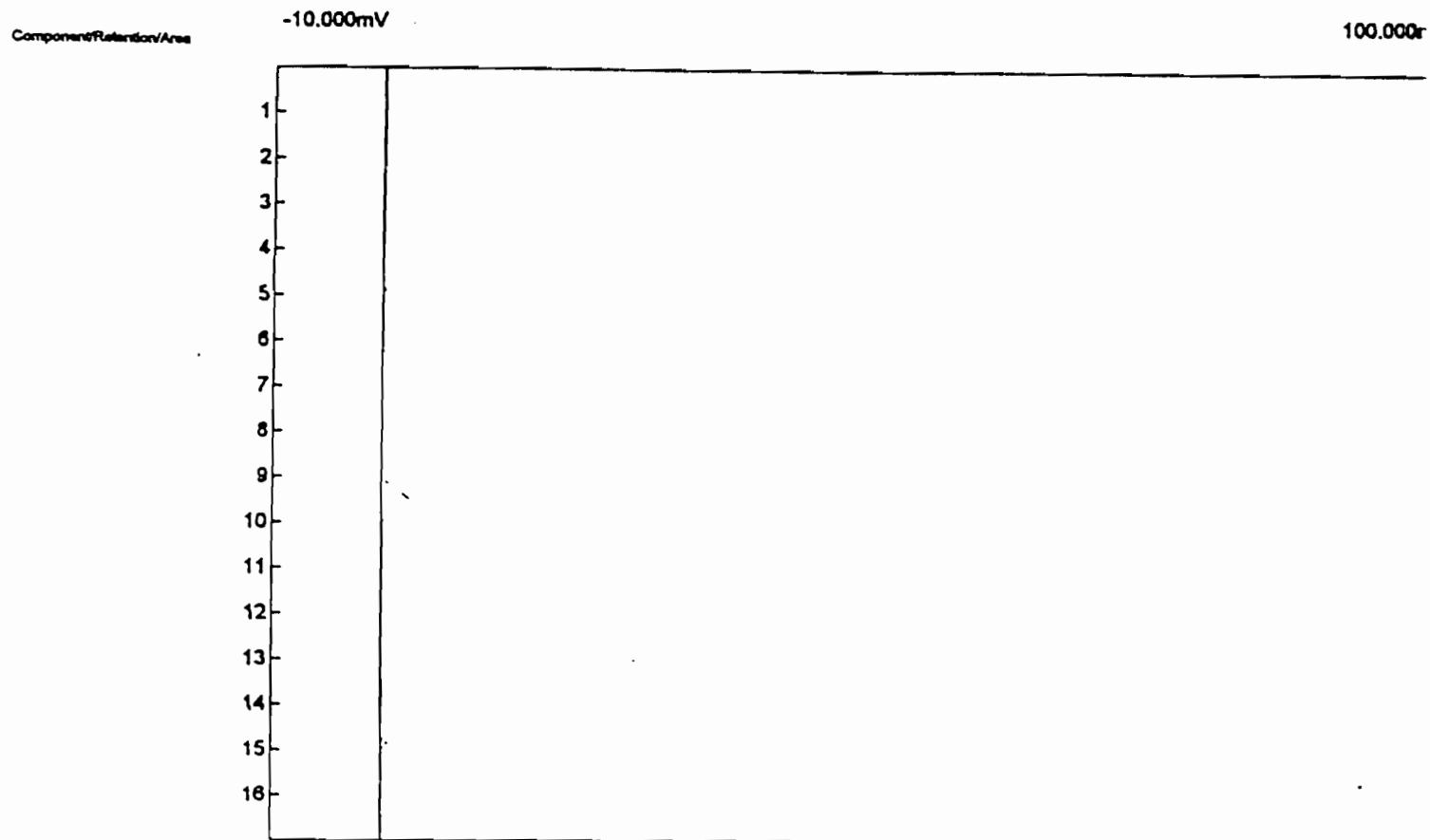
0 0

Client ID: GP-24
Analysis date: 12/11/1995 21:30:03
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID31.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug
	0	0	

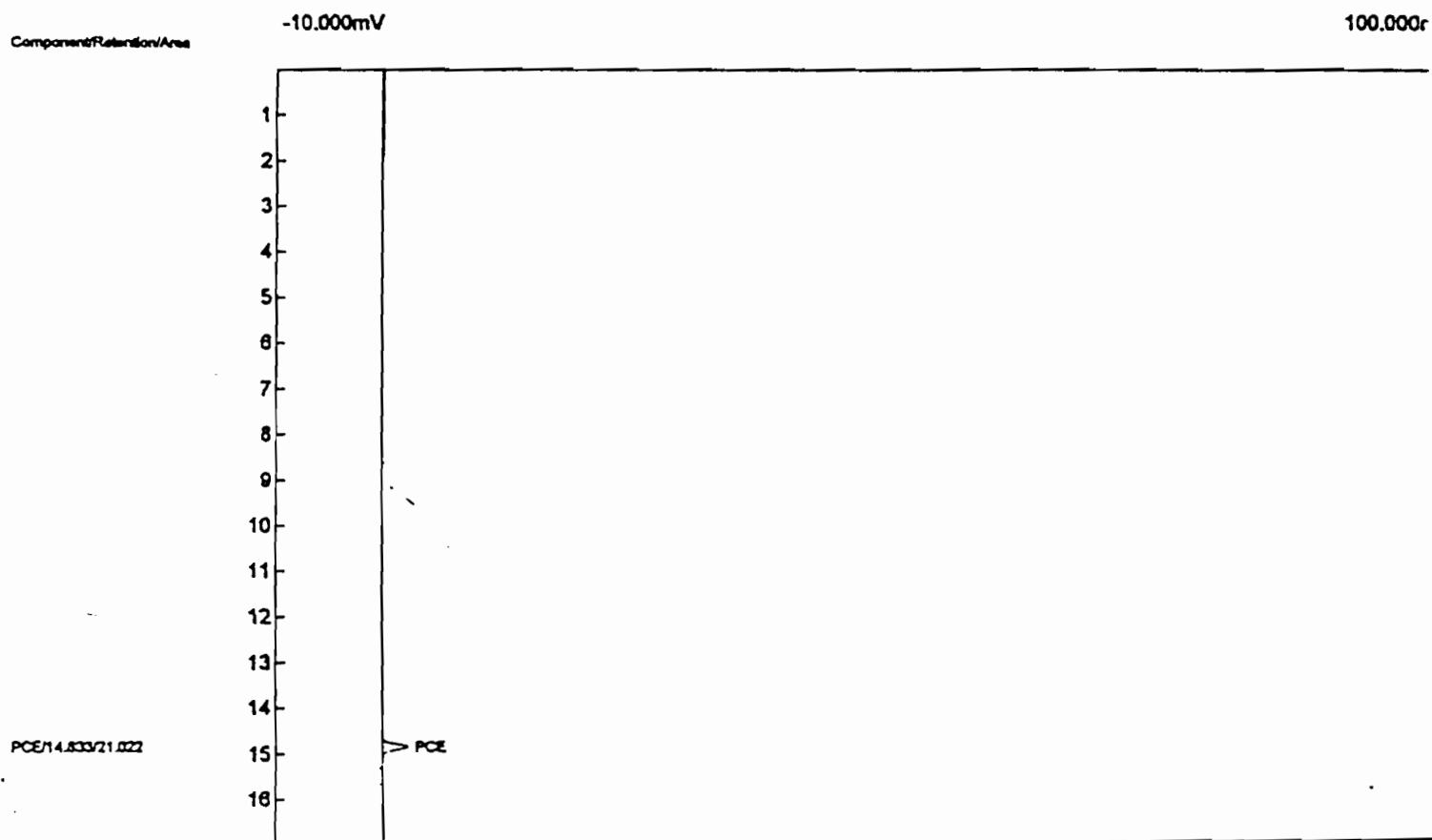
Client ID: GP-Z3
Analysis date: 12/11/1995 21:12:21
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID30.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

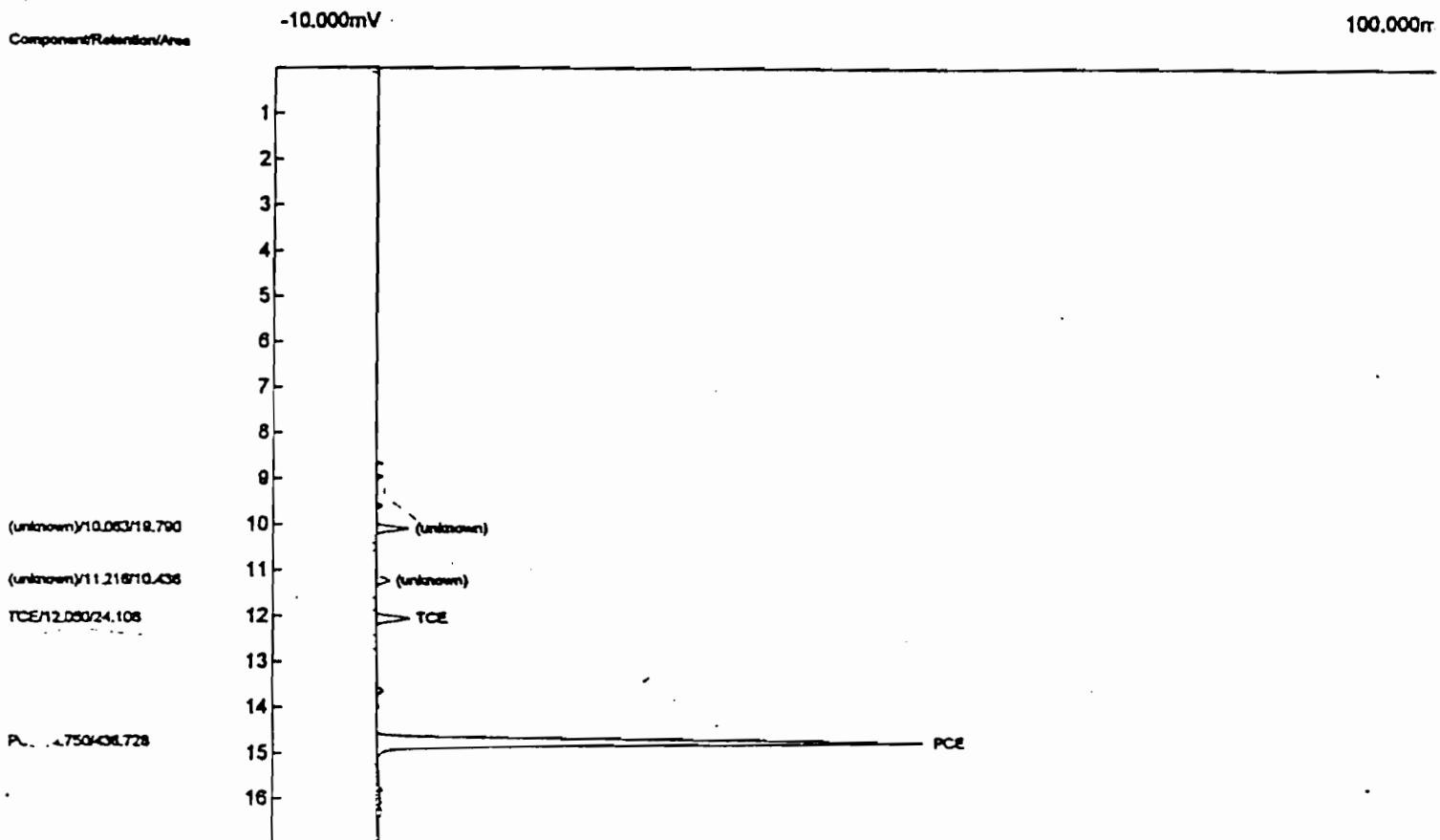
Client ID: Gr 2
Analysis date: 12/11/1995 20:54:24
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID29.CHR 0



Component	Retention Area	External	Units
PCE	14.833	21.022	0.02 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

21 0

Analysis date: 12/11/1995 20:34:37
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID28.CHR 0



Component	Retention Area	External Units
(unknown)	10.083	19.790 0.00
(unknown)	11.216	10.436 0.00
TCE	12.050	24.108 0.03 ug
PCE	14.750	436.728 0.43 ug
Vinyl Chloride	0.000	0.00 ug
1,2-DCE	0.000	0.00 ug

Site: 00000000
Analysis date: 12/11/1995 19:59:16

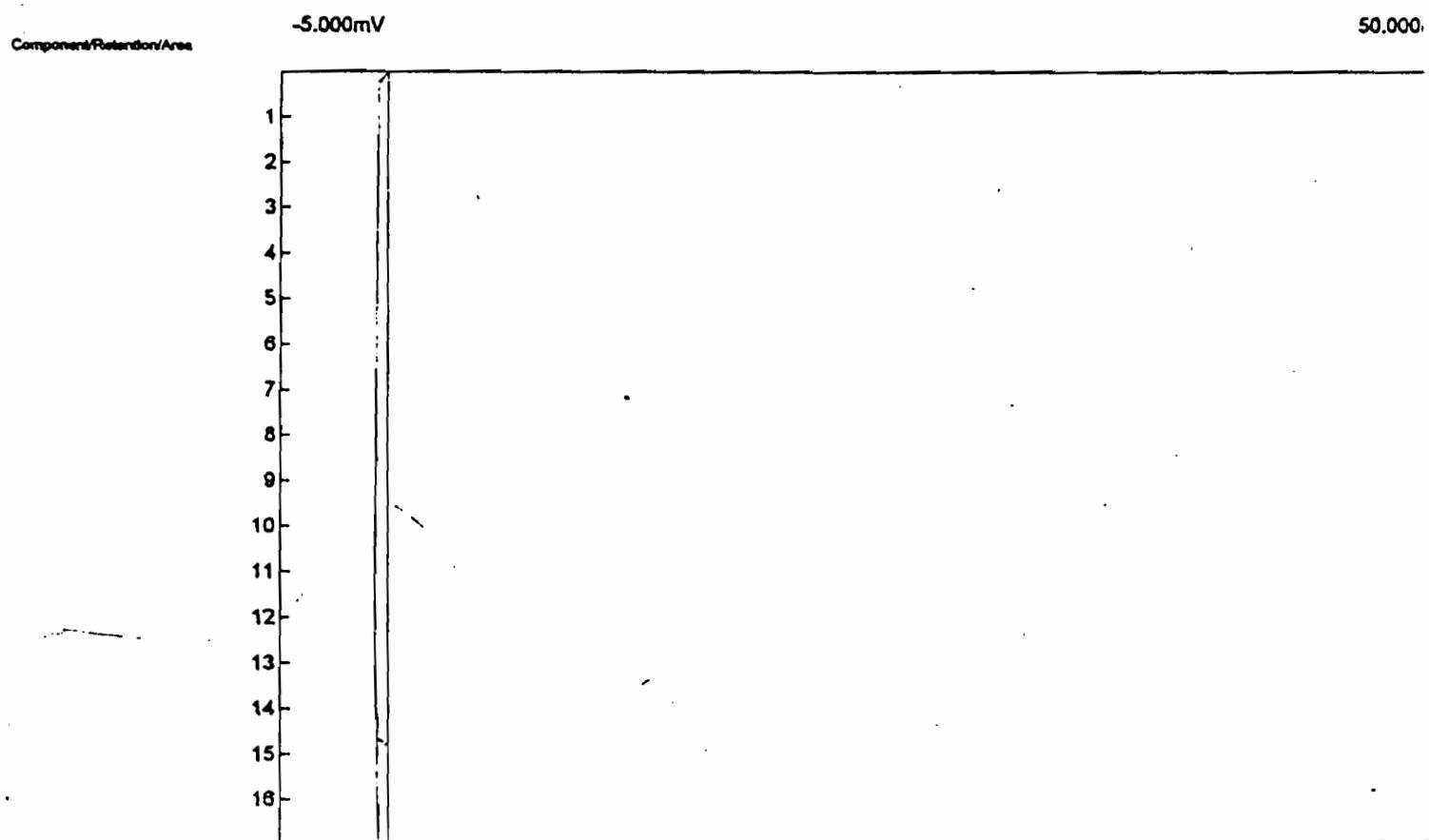
Method: Purge & Trap

Description: PID

Column: RESTEK 1SMETER MXT-1

Carrier: HELIUM AT 400 ON DIAL

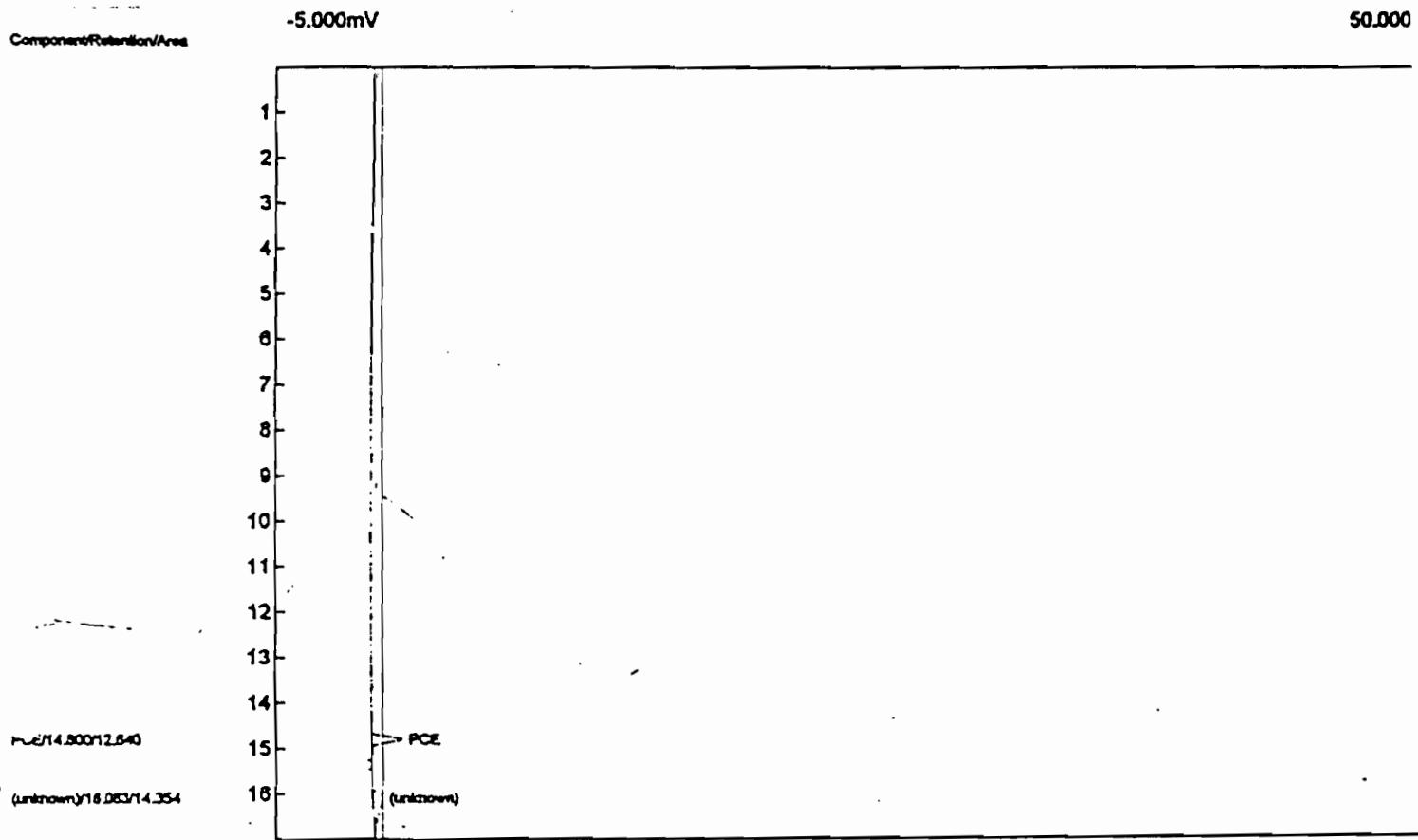
Data file: PID27.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

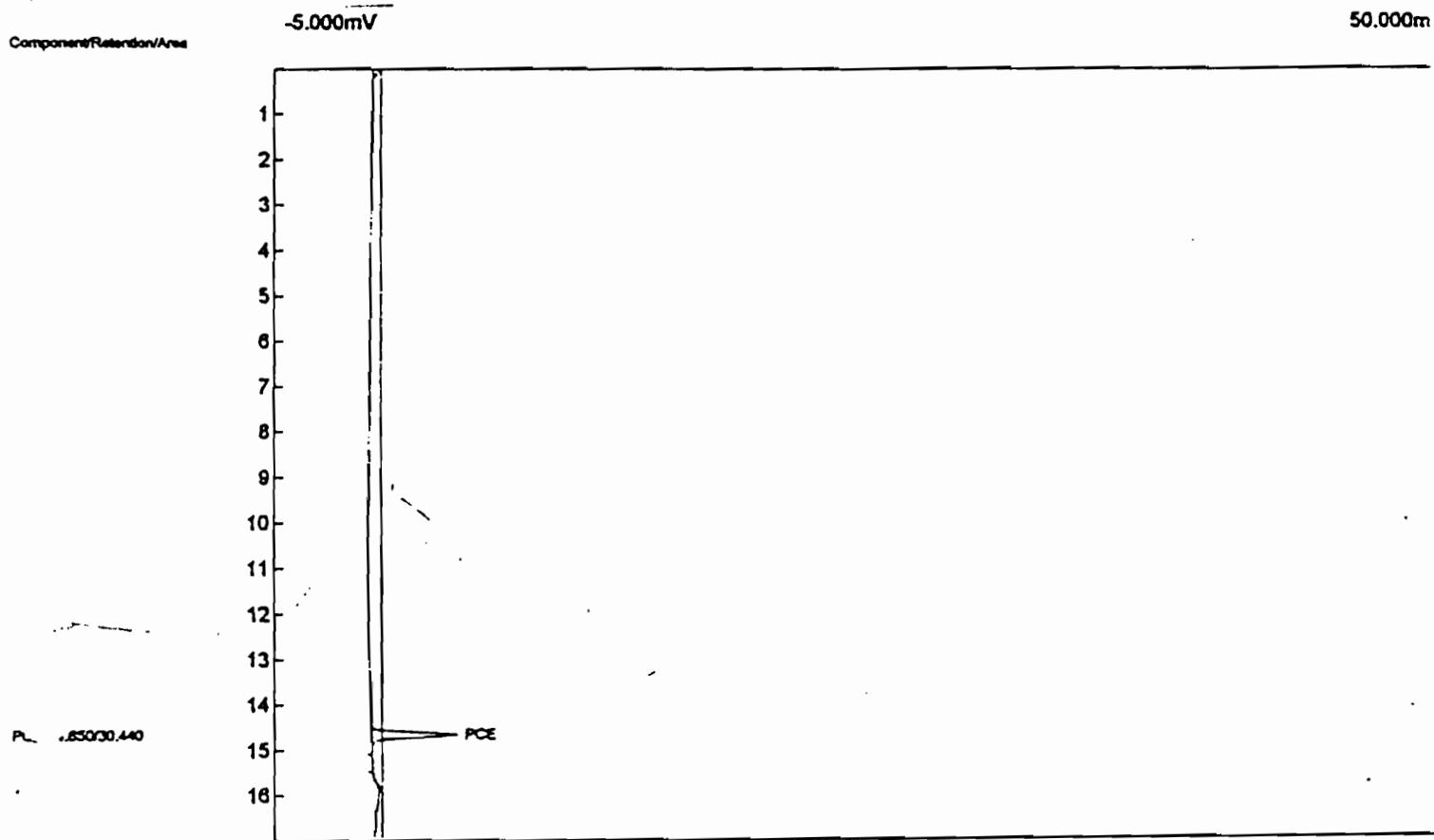
0 0

Cle. J. G.
Analysis date: 12/11/1995 19:41:03
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID26.CHR 0



Component	Retention Area	External Units
PCE	14.800	12.640 0.01 ug
(unknown)	16.083	14.354 0.00
Vinyl Chloride	0.000	0.000 0.00 ug
1,2-DCE	0.000	0.000 0.00 ug
TCE	0.000	0.000 0.00 ug

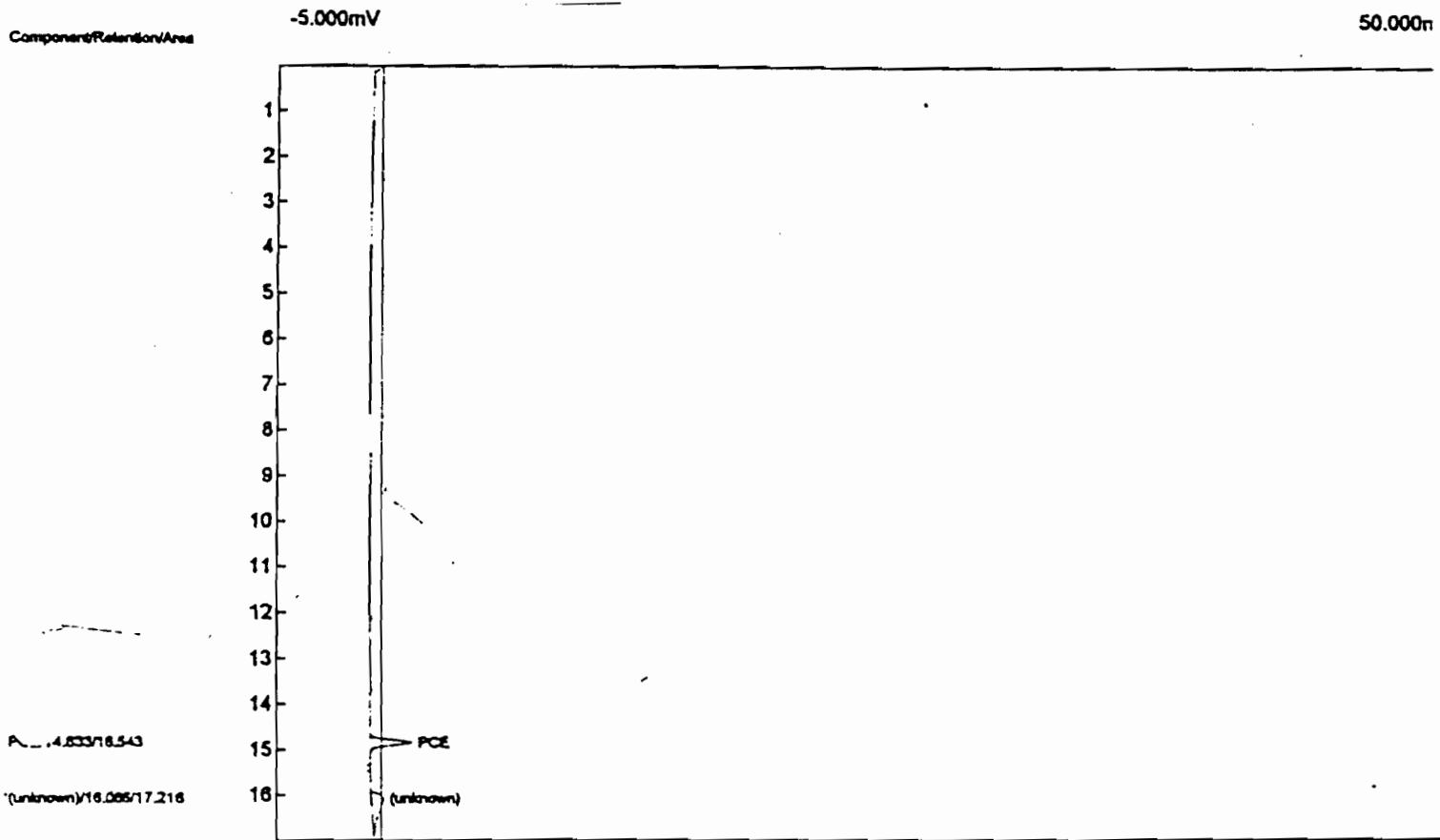
Analysis date: 12/11/95 19:21:37
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID25.CHR 0



Component	Retention Area	External	Units
PCE	14.650	30.440	0.03 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

30 0

Analysis date: 12/11/1995 19:01:38
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID24.CHR 0

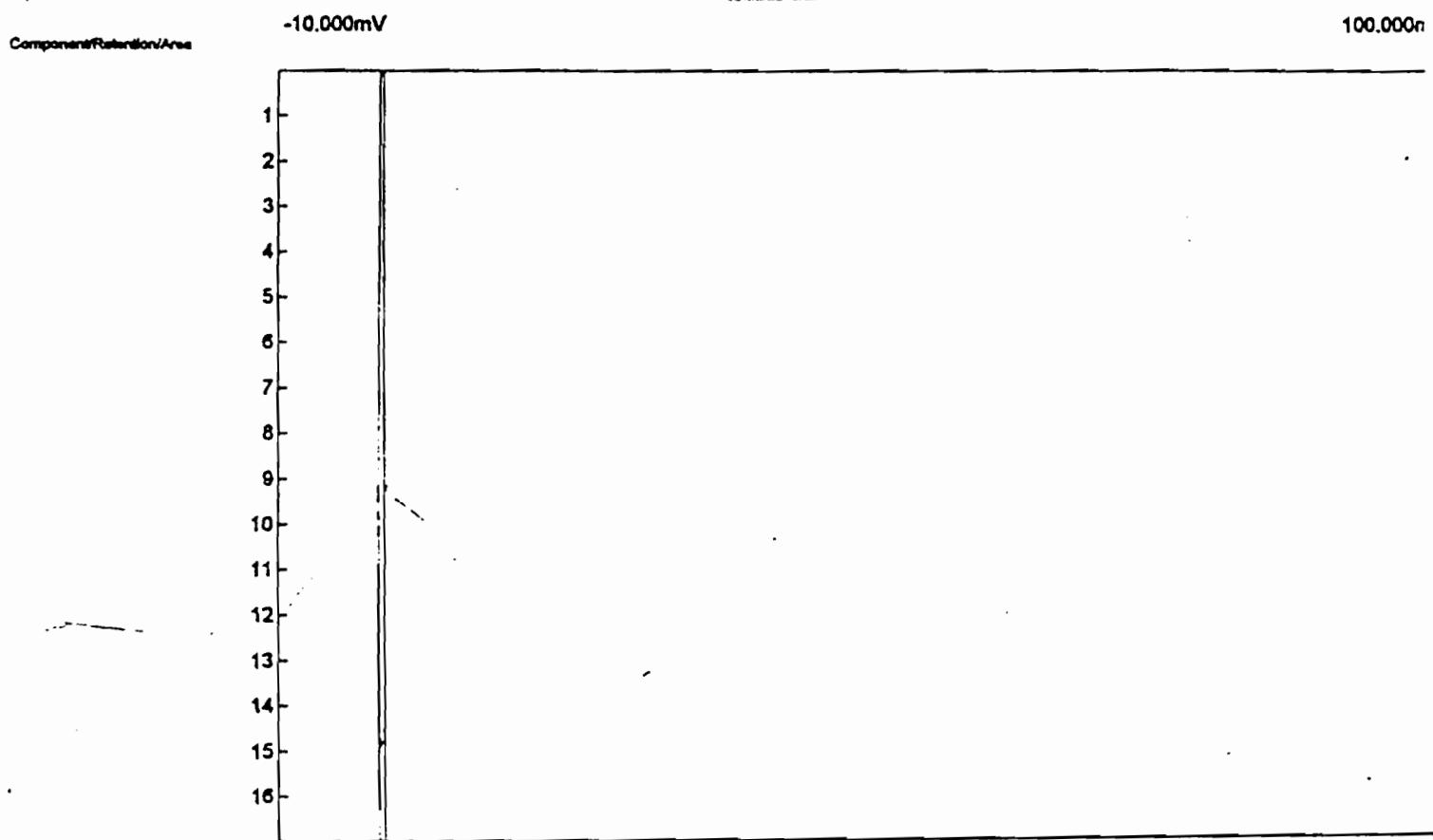


Component	Retention Area	External	Units
PCE	14.833	16.543	0.02 ug
(unknown)	16.066	17.218	0.00
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

34 -1

50 CC

Run Date: 12/11/1995 18:40:58
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID23.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

Analysis date: 12/11/1995 18:22:09

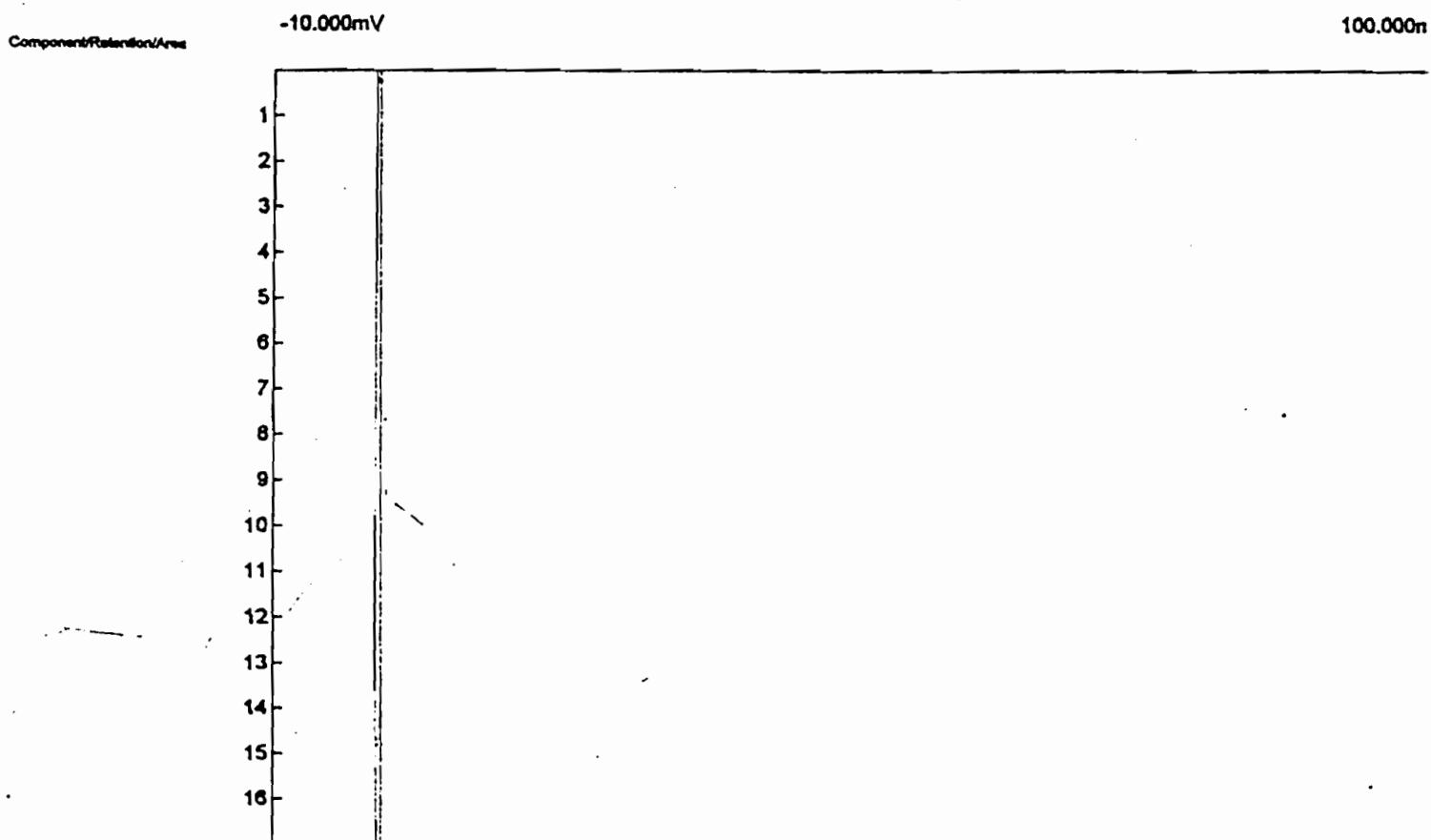
Method: Purge & Trap

Description: PID

Column: RESTEK 15METER MXT-1

Carrier: HELIUM AT 400 ON DIAL

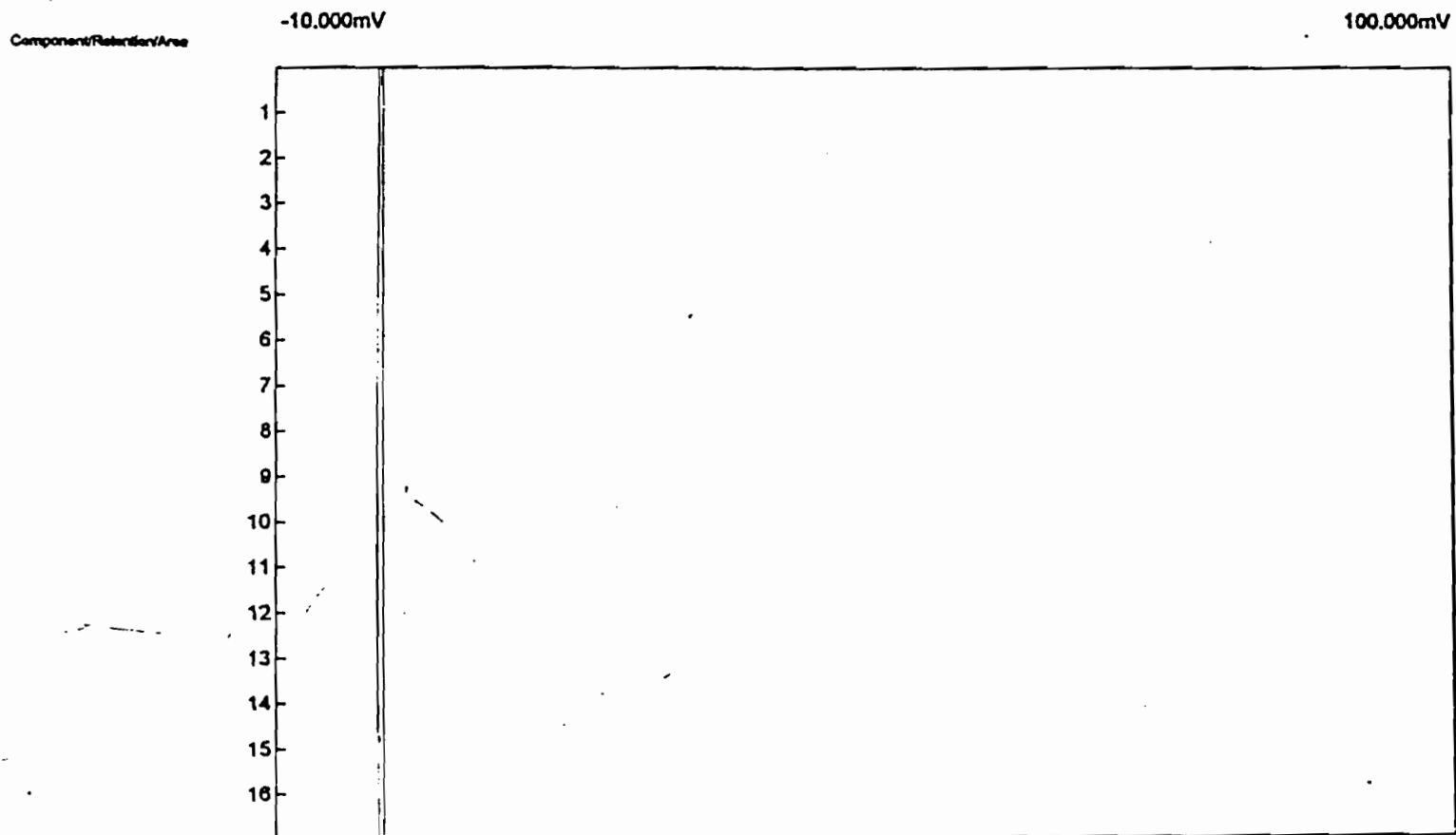
Data file: PID22.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

Unit ID: GP-12
Analysis date: 12/11/1995 16:07:49
Method: Purge & Trap
Description: PID
Column: RESTEK 15M XER MXT-1
Carrier: HELIUM AT 40 ON DIAL
Data file: PID21.CHR 0



Component	Retention Area	External Units
Vinyl Chloride	0.000	0.00 ug
1,2-DCE	0.000	0.00 ug
TCE	0.000	0.00 ug
PCE	0.000	0.00 ug

0 0

Analysis date: 12/11/1995 17:44:05

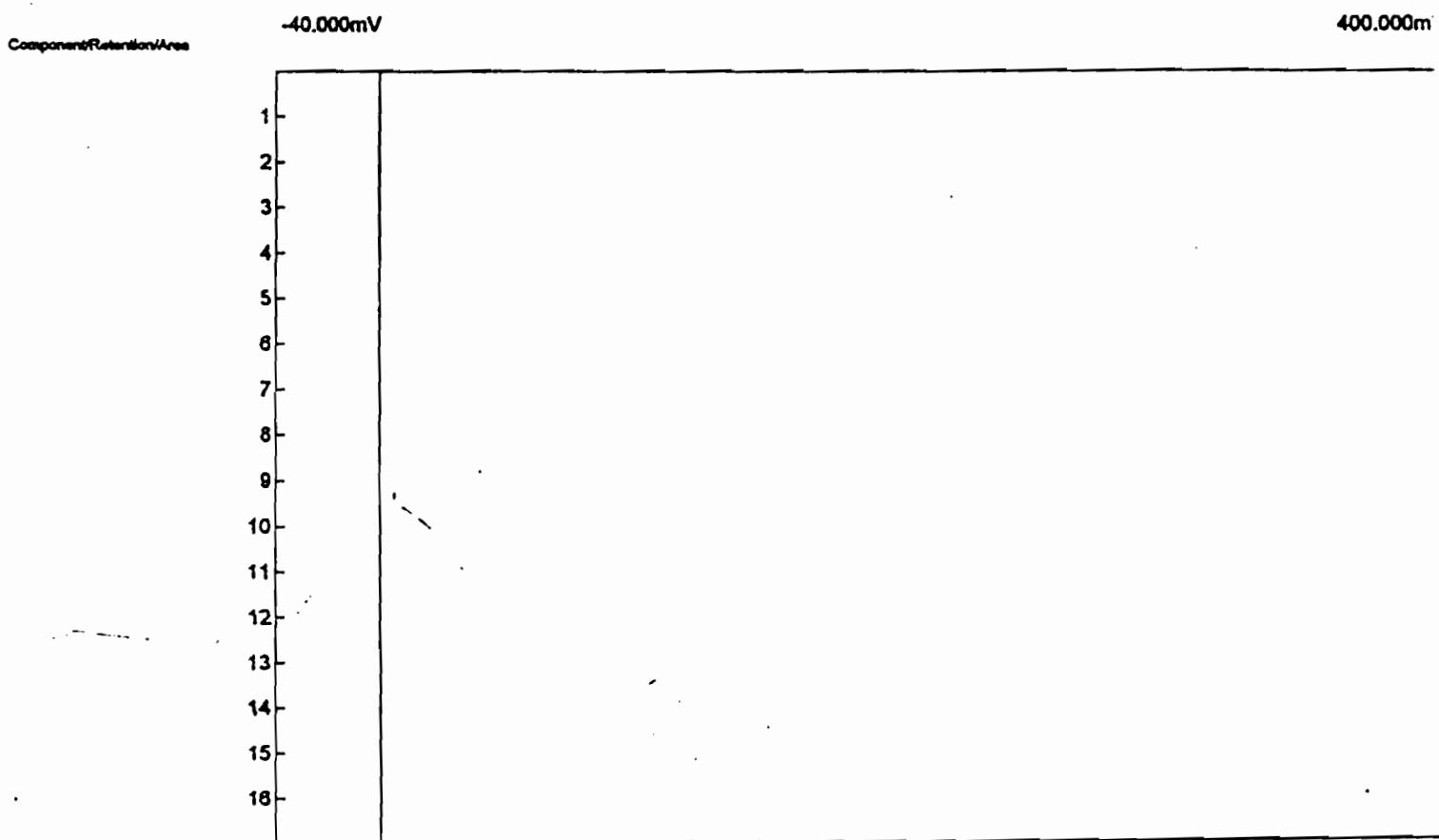
Method: Purge & Trap

Description: PID

Column: RESTEK 1SMETER MXT-1

Carrier: HELIUM AT 400 ON DIAL

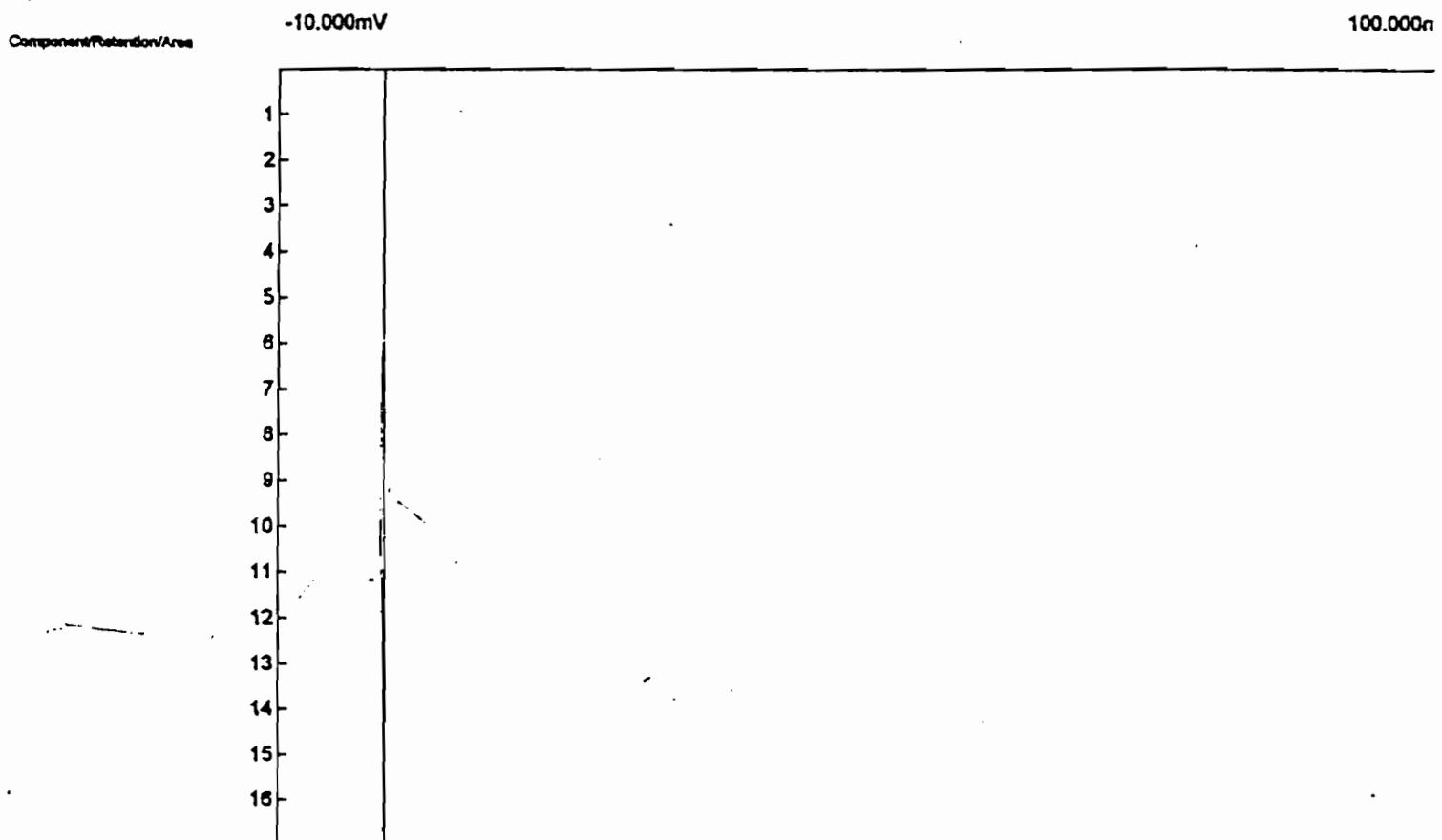
Data file: PID20.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

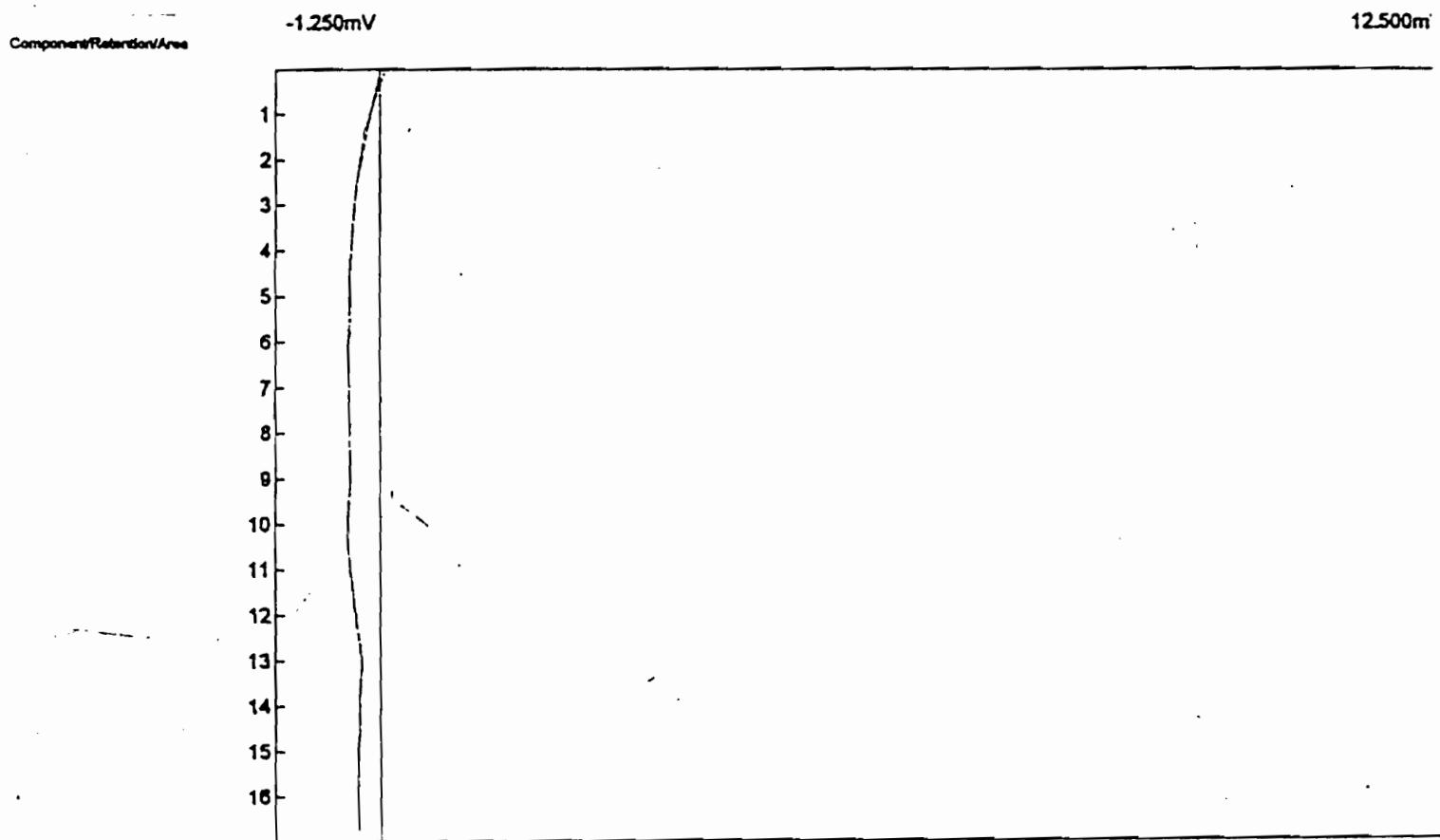
Analysis date: 12/11/1995 17:04:00
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID18.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

Run date: 12/11/1995 16:44:13
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID17.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

1995 16:25:57

Method: Purge & Trap

Description: PID

Column: RESTEK 15METER MXT-1

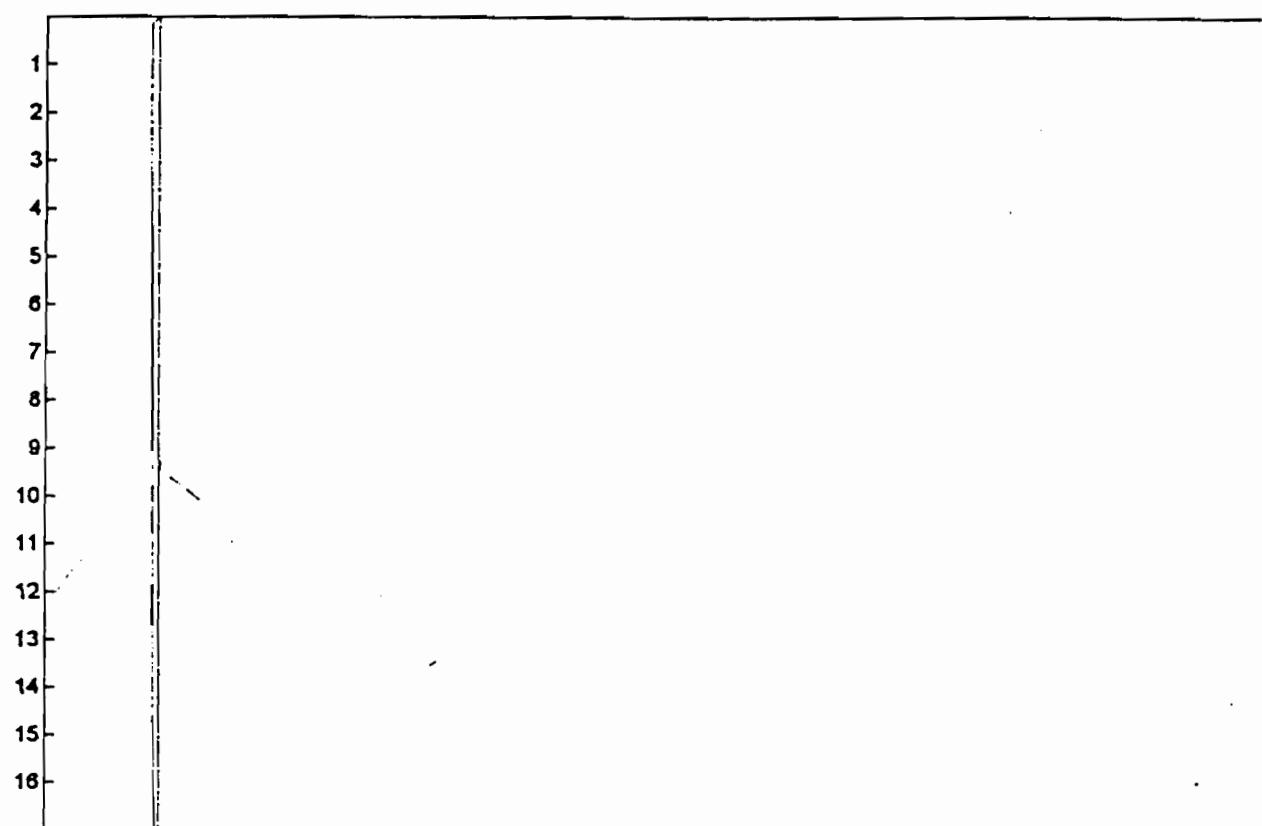
Carrier: HELIUM AT 400 ON DIAL

Data file: PID16.CHR 0

-10.000mV

100.000n

Component/Retention/Area

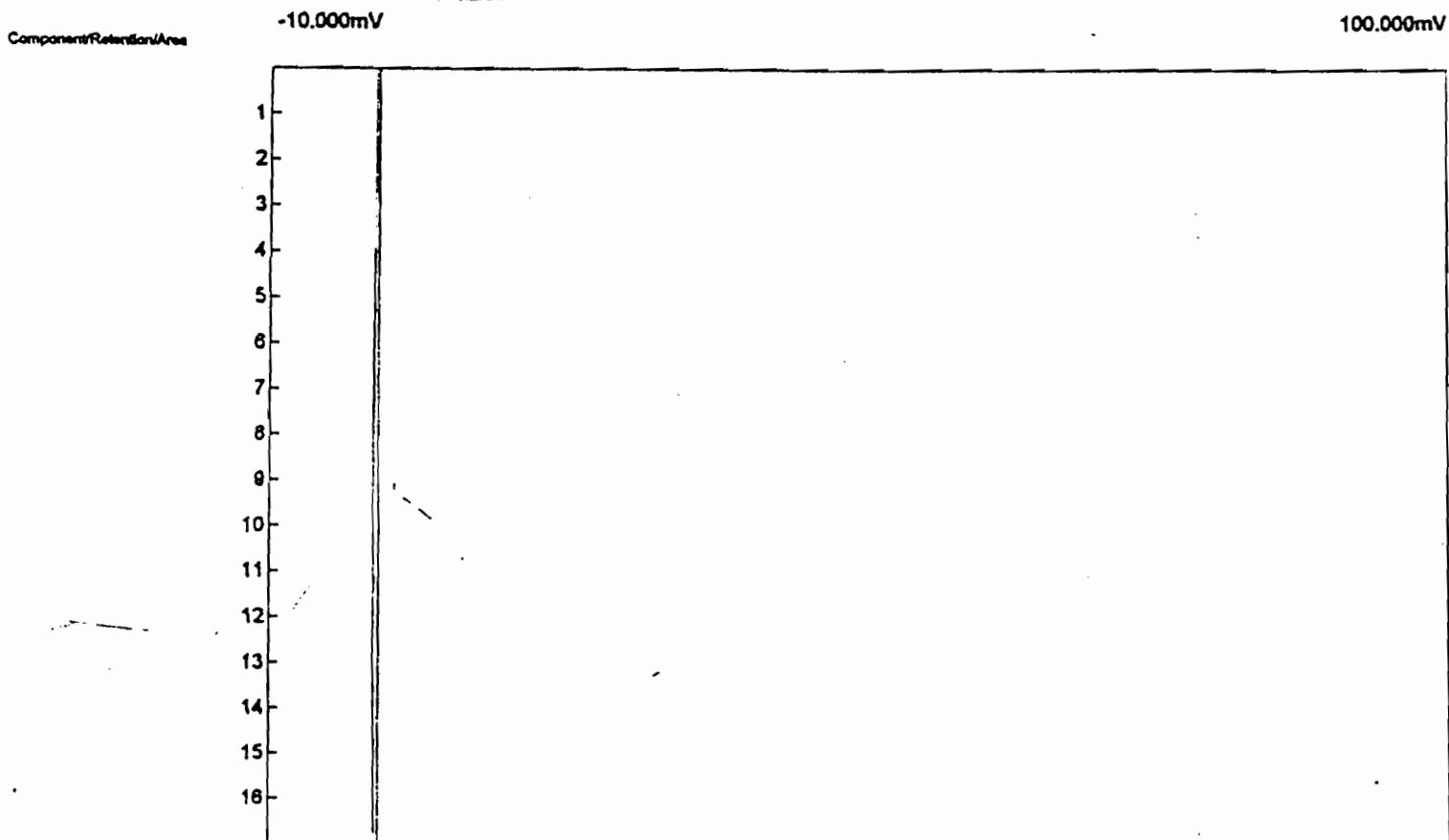


Component	Retention Area	External	Units
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Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

Clemco Parsons Co.
Client ID: Blank 1526
Analysis date: 12/11/1995 15:31:14
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID14.CHR 0

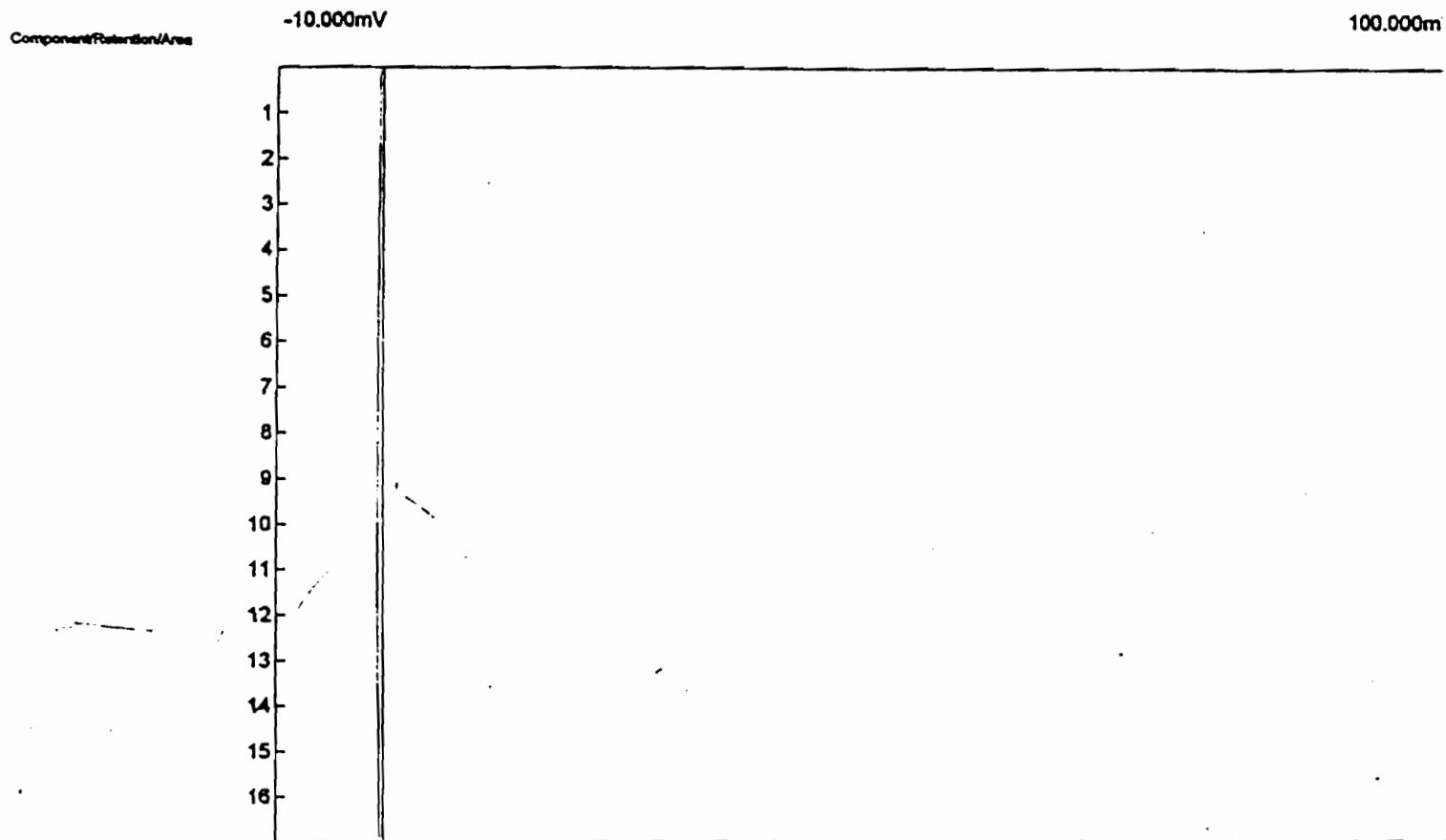


Component Retention Area External Units

Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

User: Gr-7
Analysis date: 12/11/1995 15:49:20
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID15.CHR 0



Component	Retention Area	External	Units
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug
PCE	0.000	0.000	0.00 ug

0 0

Analysis date: 12/11/95 15:12:21

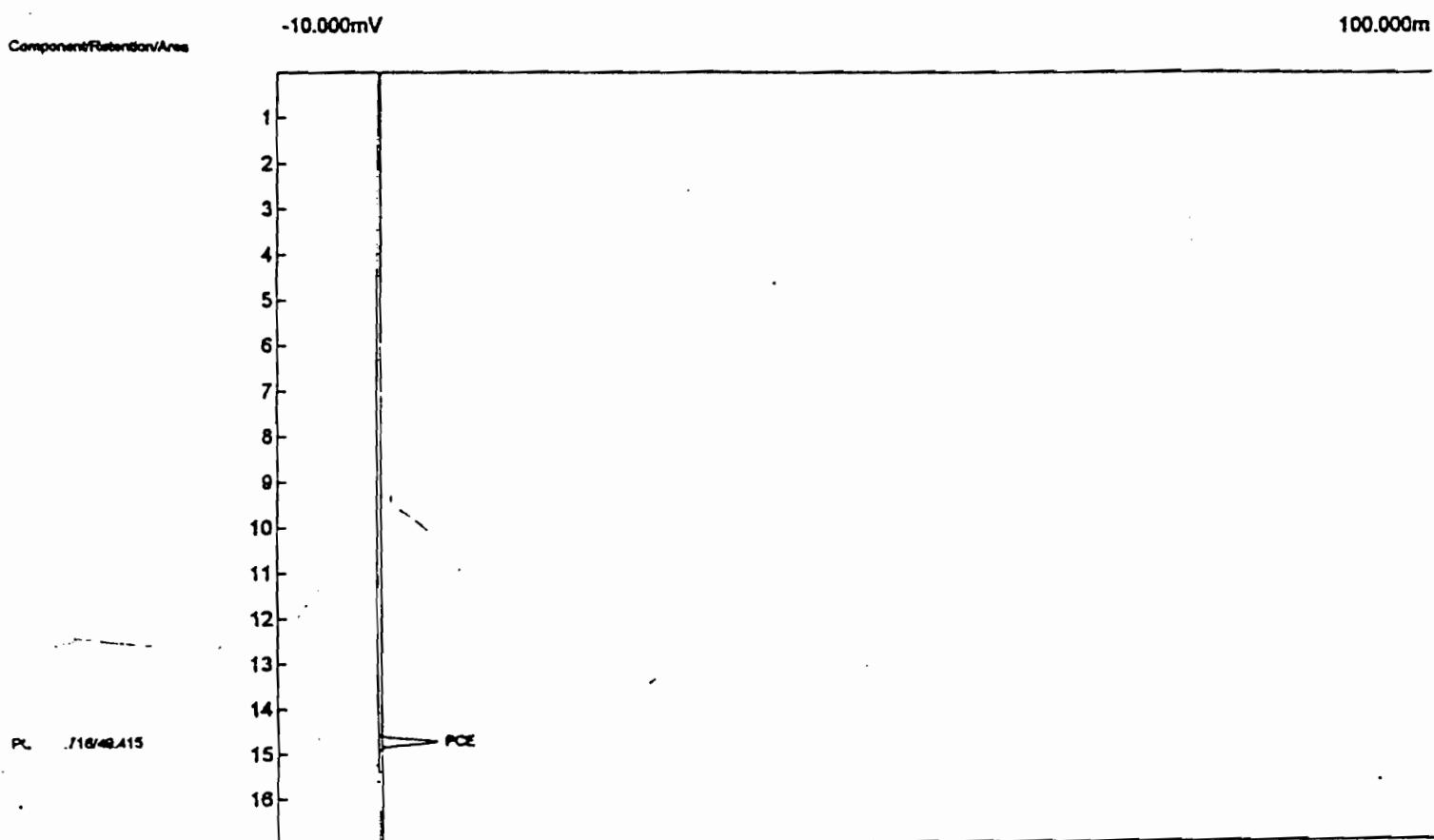
Method: Purge & Trap

Description: PID

Column: RESTEK 1SMETER MXT-1

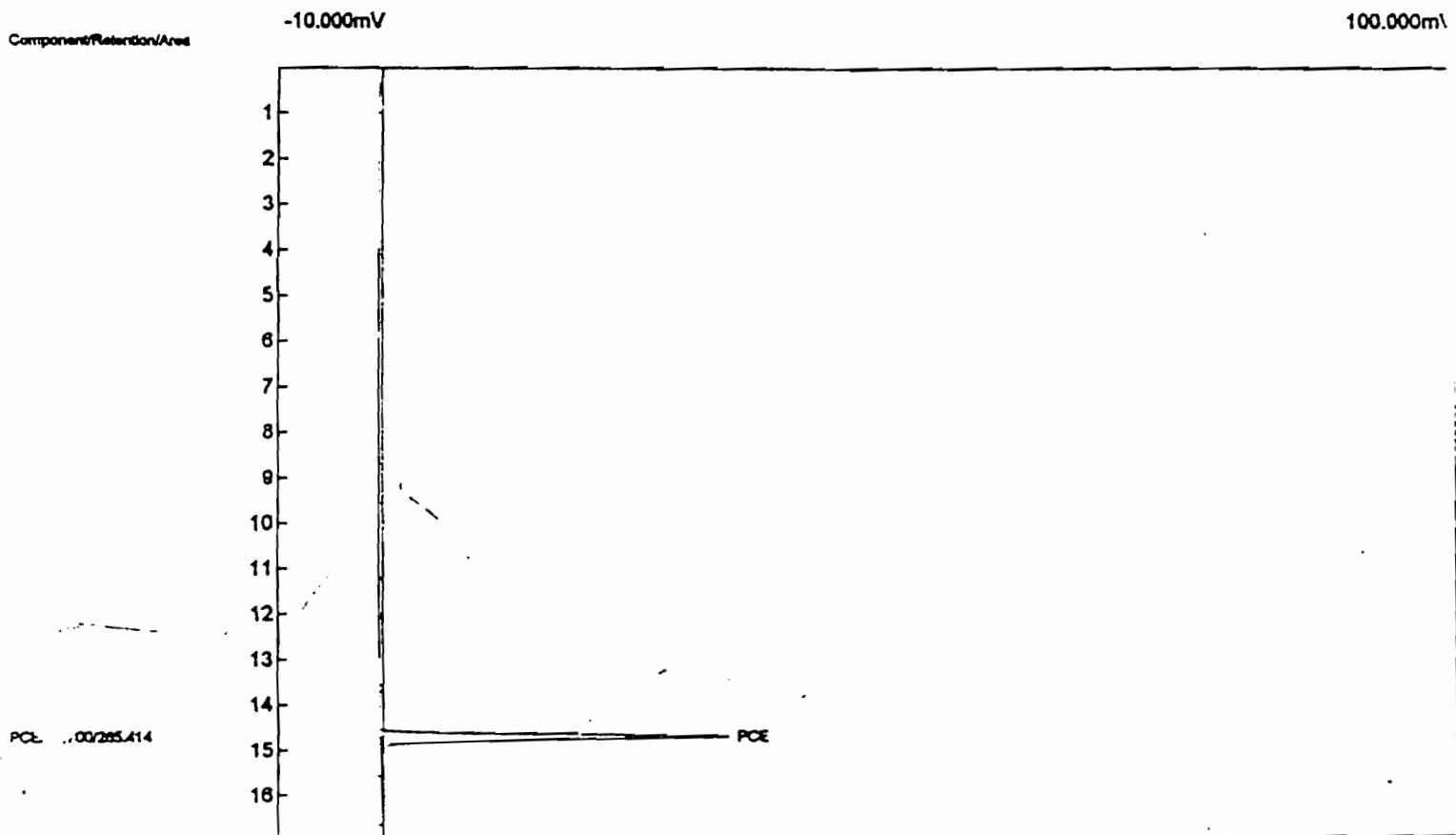
Carrier: HELIUM AT 400 ON DIAL

Data file: PID13.CHR 0



Component	Retention Area	External	Units
PCE	14.716	49.415	0.05 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

Client ID: GP4
Analysis date: 12/11/1995 14:50:17
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID12.CHR 0

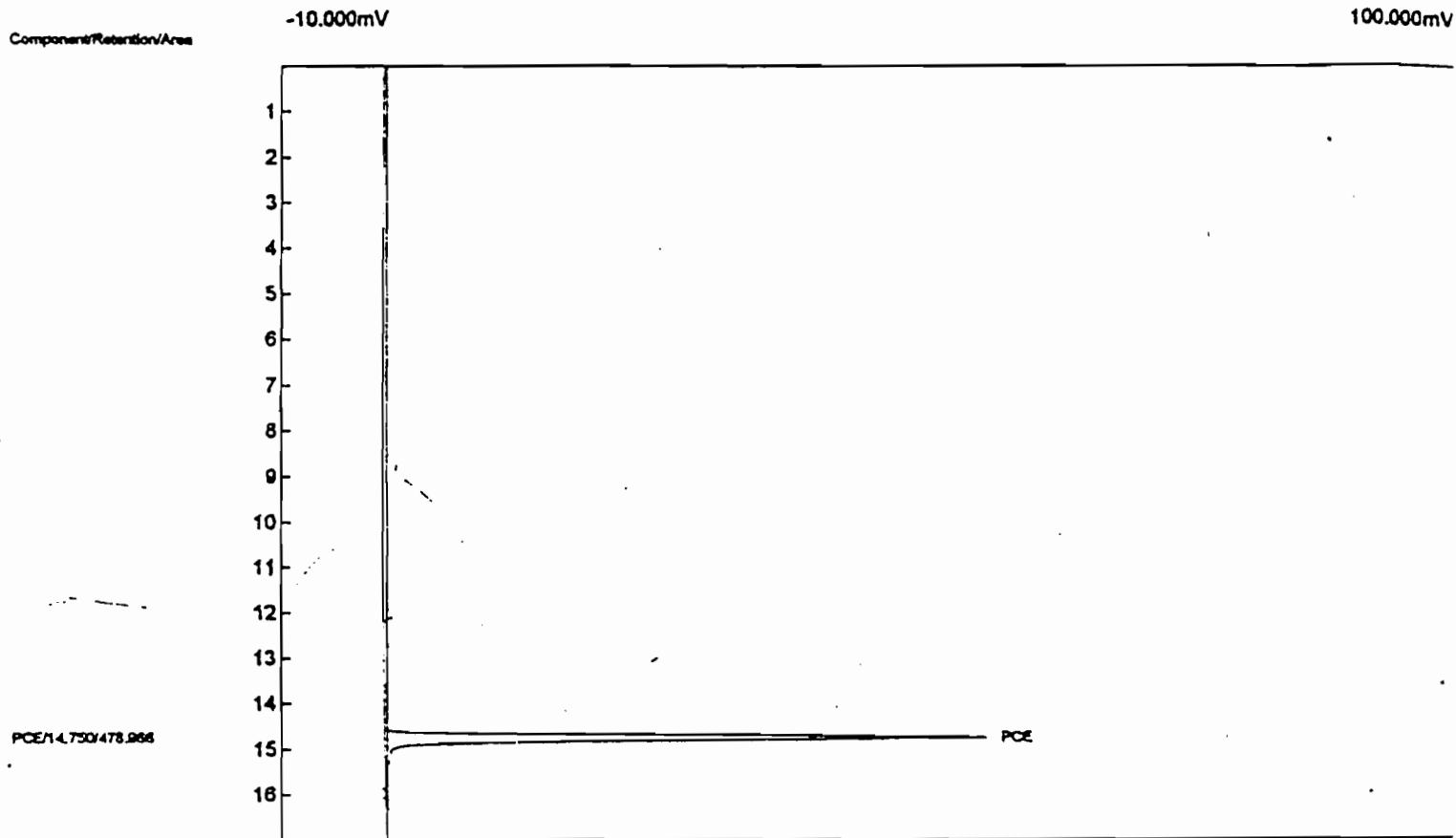


Component Retention Area External Units

Component	Retention	Area	External	Units
PCE	14.700	265.414	0.26	ug
Vinyl Chloride	0.000	0.000	0.00	ug
1,2-DCE	0.000	0.000	0.00	ug
TCE	0.000	0.000	0.00	ug

265 0

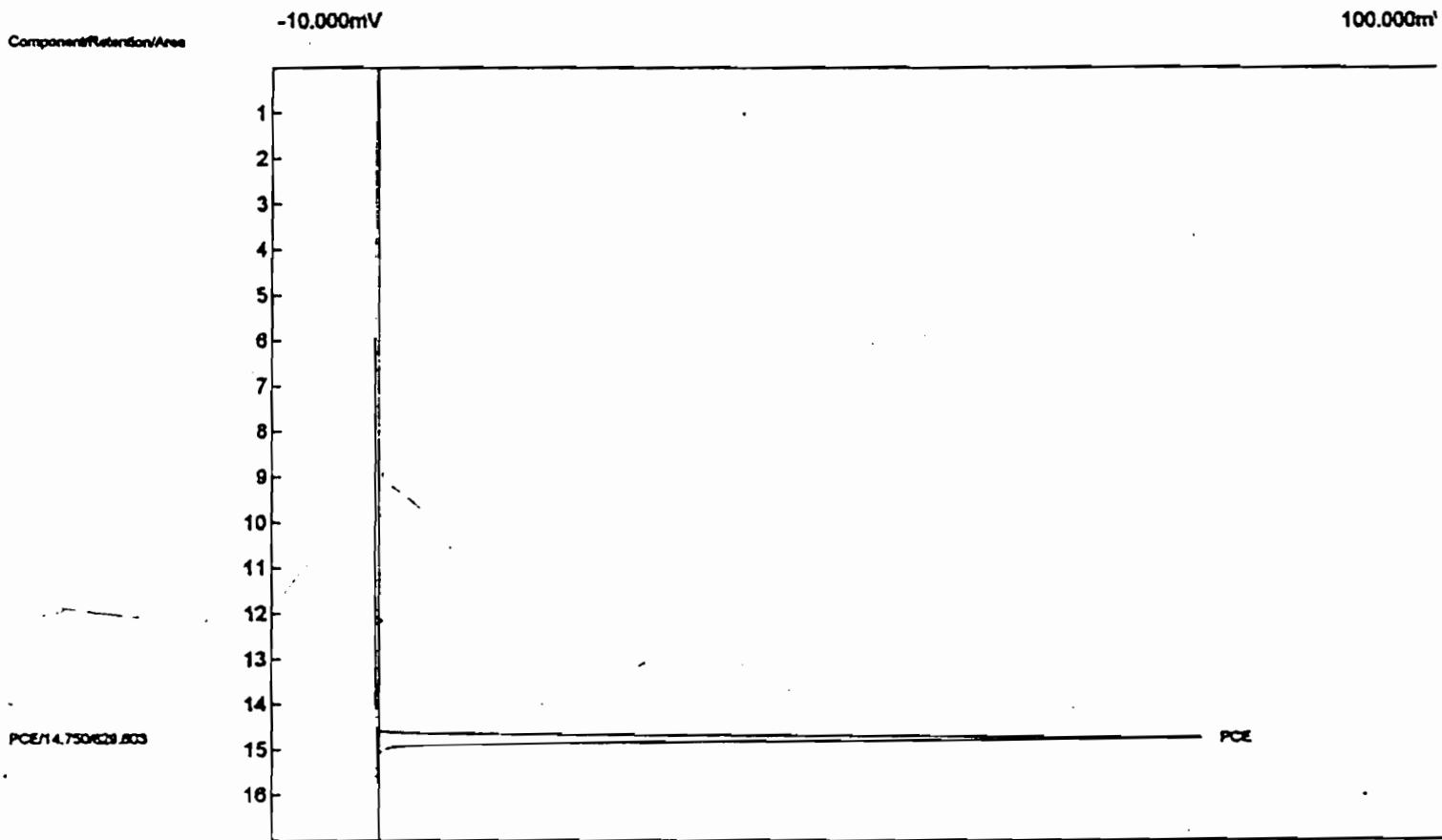
Instrument ID: GP-4
Analysis date: 12/11/1995 14:27:07
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID11.CHR 0



Component	Retention Area	External	Units
PCE	14.750	478.966	0.47 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

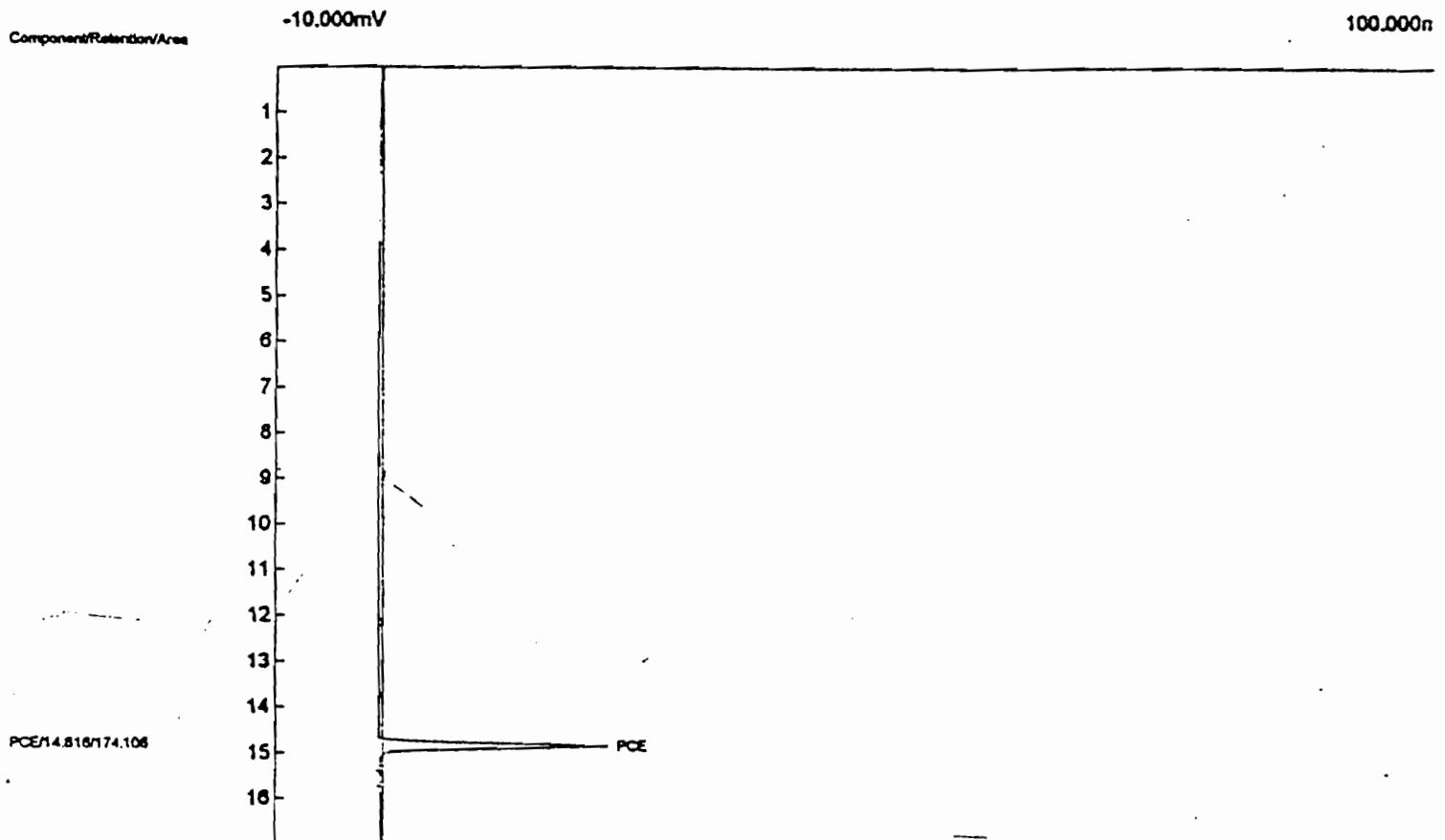
479 0

Client ID: C
Analysis date: 12/11/1995 14:03:08
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID10.CHR 0



Component	Retention Area	External	Units
PCE	14.750	629.603	0.61 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

Client: Parsons ES
Client ID: GP-2
Analysis date: 12/11/1995 13:38:46
Method: Purge & Trap
Description: PID
Column: RESTEK 1SMETER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID9.CHR 0



Component	Retention Area	External	Units
PCE	14.816	174.106	0.17 ug
Vinyl Chloride	0.000	0.000	0.00 ug
1,2-DCE	0.000	0.000	0.00 ug
TCE	0.000	0.000	0.00 ug

174 0

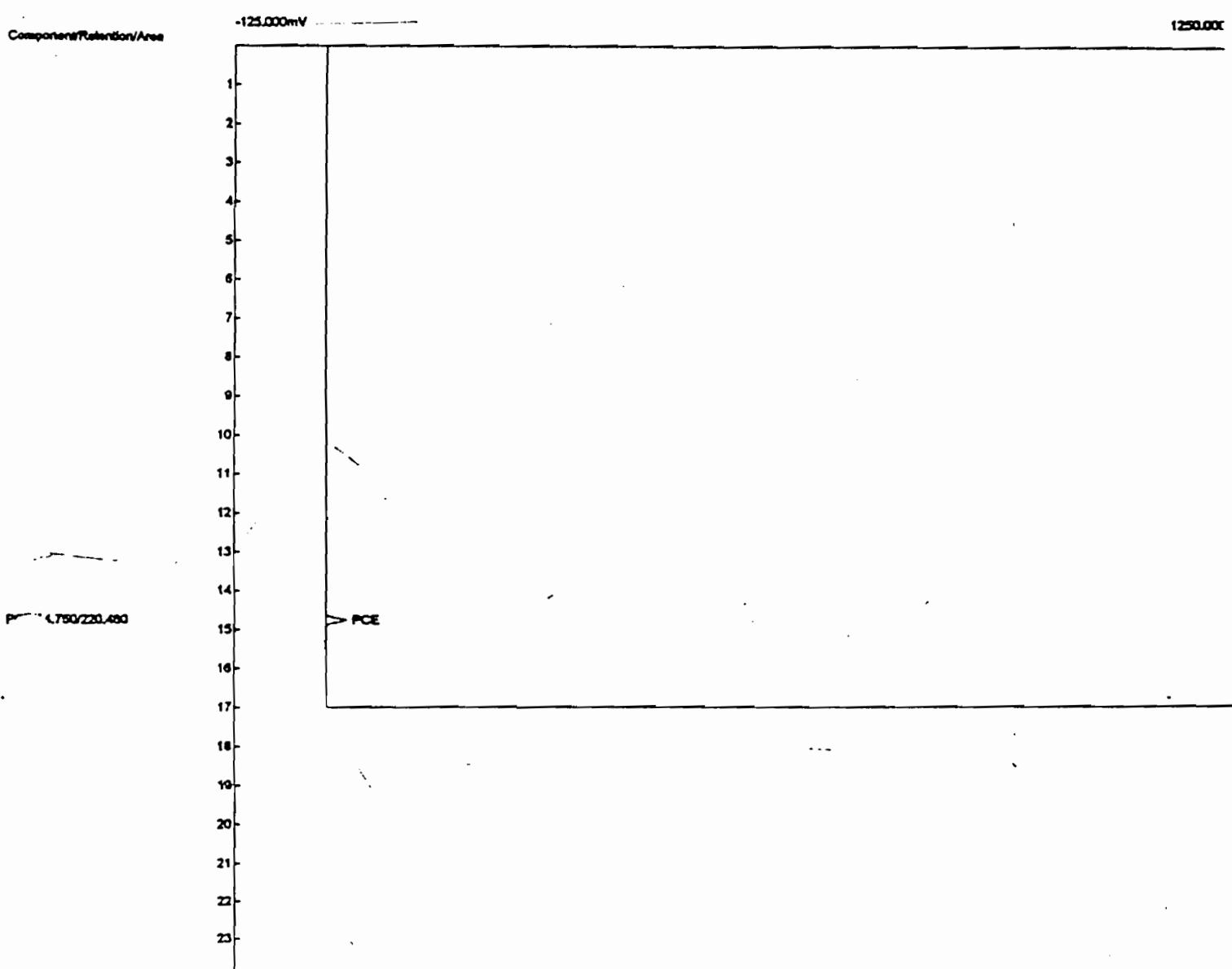
Analysis date: 12/11/1995 13:15:37

Description: PID

Column: RESTEK 15METER MXT-1

Carrier: HELIUM AT 400 ON DIAL

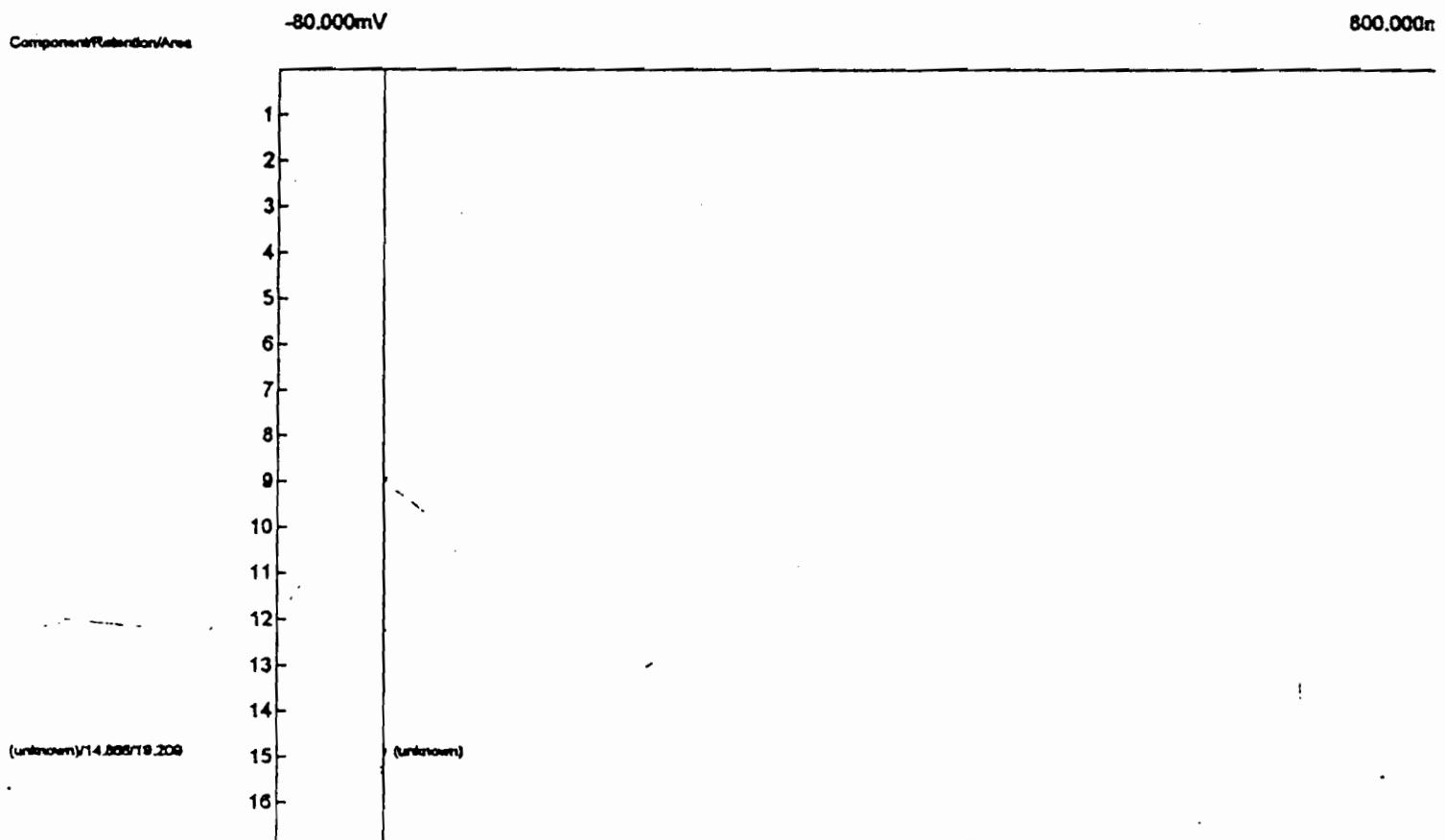
Data file: PID8.CHR 0



Component	Retention Area	External Units
PCE	14.750	220.480
Vinyl Chloride	0.000	0.00 ug
1,2-DCE	0.000	0.00 ug
TCE	0.000	0.00 ug

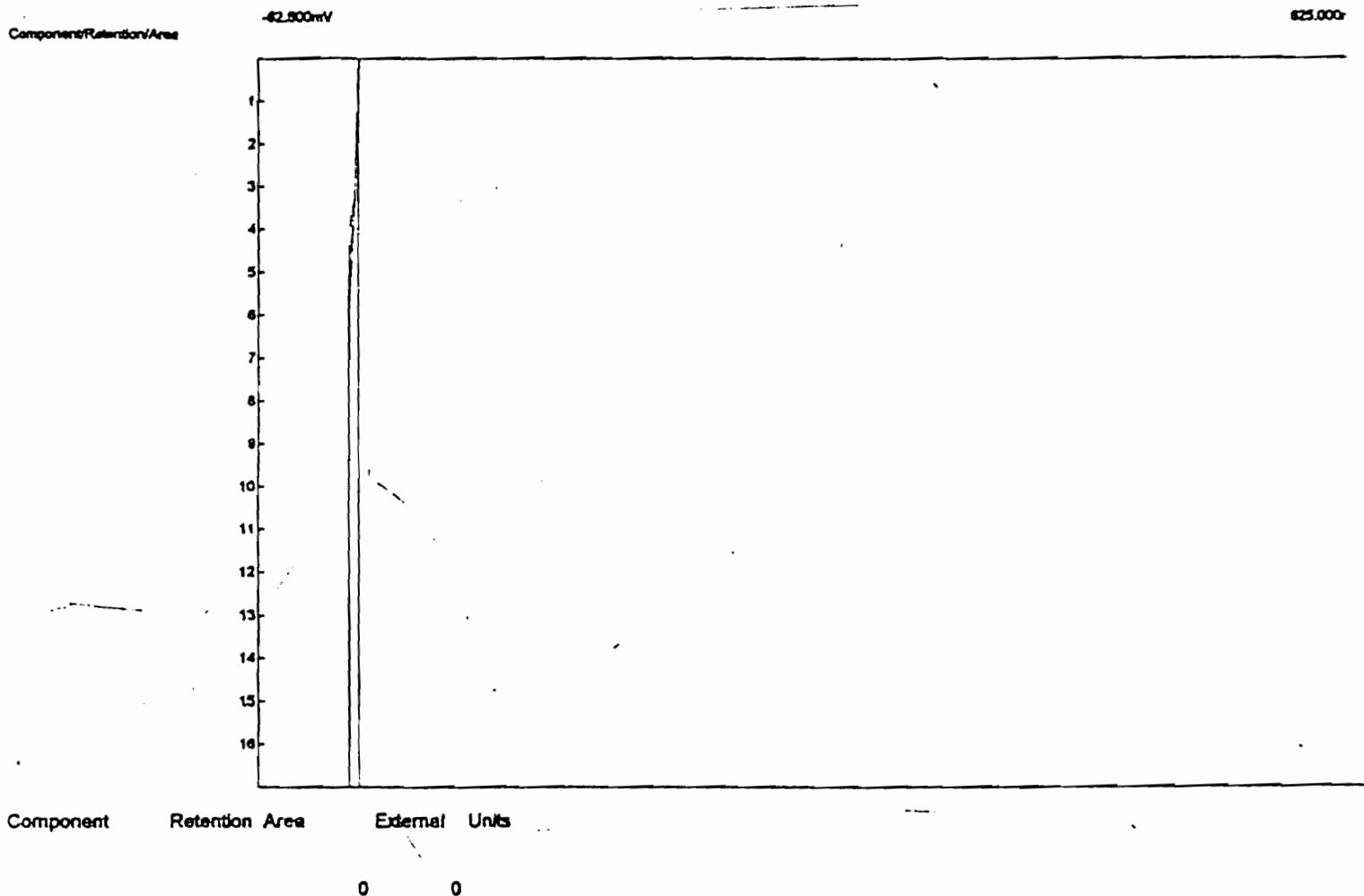
220 0

Lab.: J. Blank 1
Analysis date: 12/11/1995 12:50:15
Method: Purge & Trap
Description: PID
Column: RESTEK 15METER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: PID7.CHR 0



Component	Retention Area	External	Units
(unknown)	14.866	19.209	0.00
Vinyl Chloride	0.000	0.000	0.00 ppb
1,2-DCE	0.000	0.000	0.00 ppb
TCE	0.000	0.000	0.00 ppb
PCE	0.000	0.000	0.00 ppb

Instrument: Parsons ES
Client ID: Blank 1
Analysis date: 12/11/1995 12:50:15
Description: DELCD
Column: RESTEK 1SMETER MXT-1
Carrier: HELIUM AT 400 ON DIAL
Data file: elcd7.CHR 0



ES

Inst blank

Analysis date: 12/11/1995 1024:22 Syringe Blank

Description: DELCD

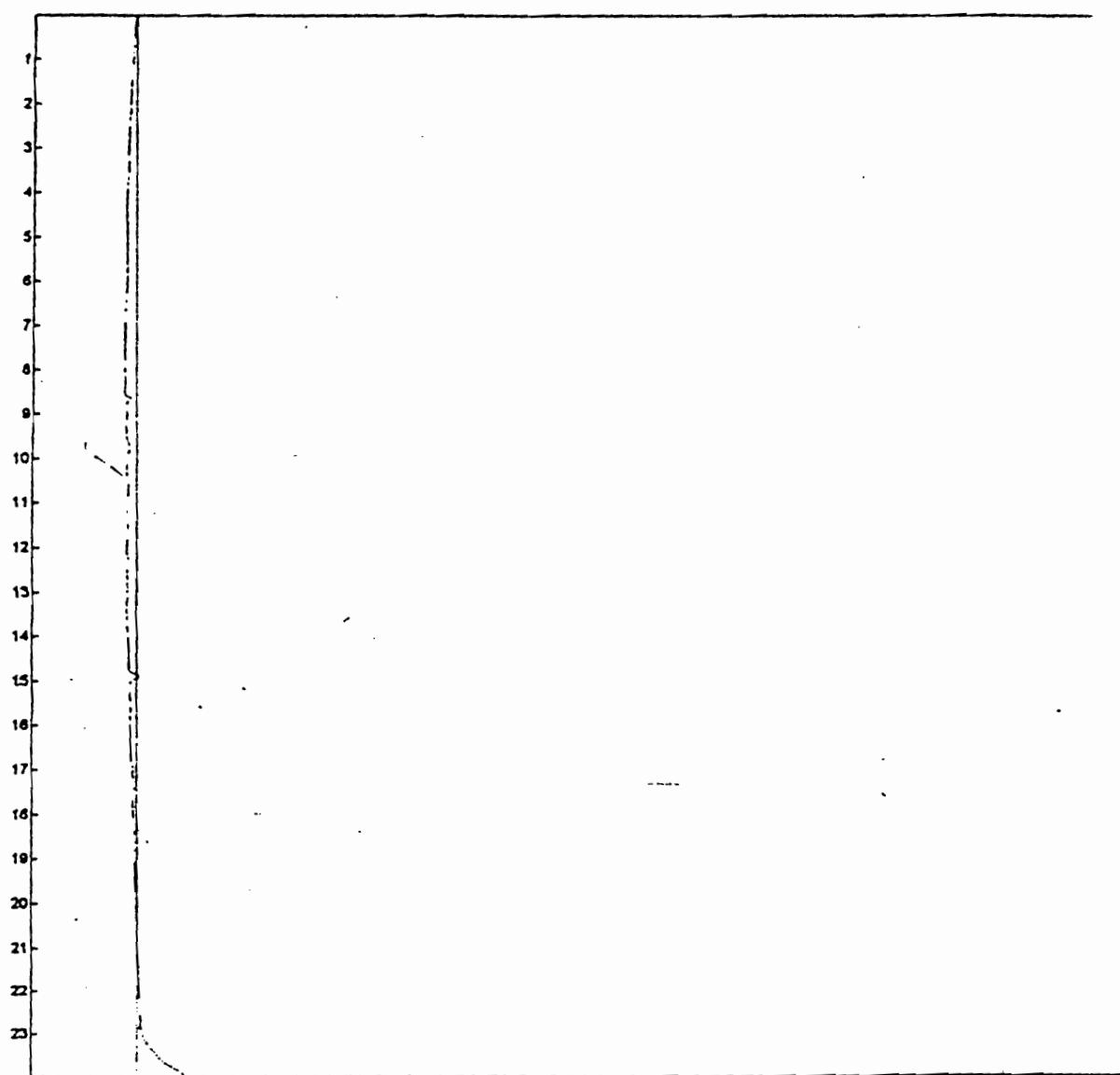
Column: RESTEK 15METER MXT-1

Carrier: HELIUM AT 400 ON DIAL

Data file: elcd3.CHR 0

-10.000mV

Component/Retention/Area



Component	Retention Area	External Units	Units
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0	0		
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Analysis date: 12/11/1995 10:24:22

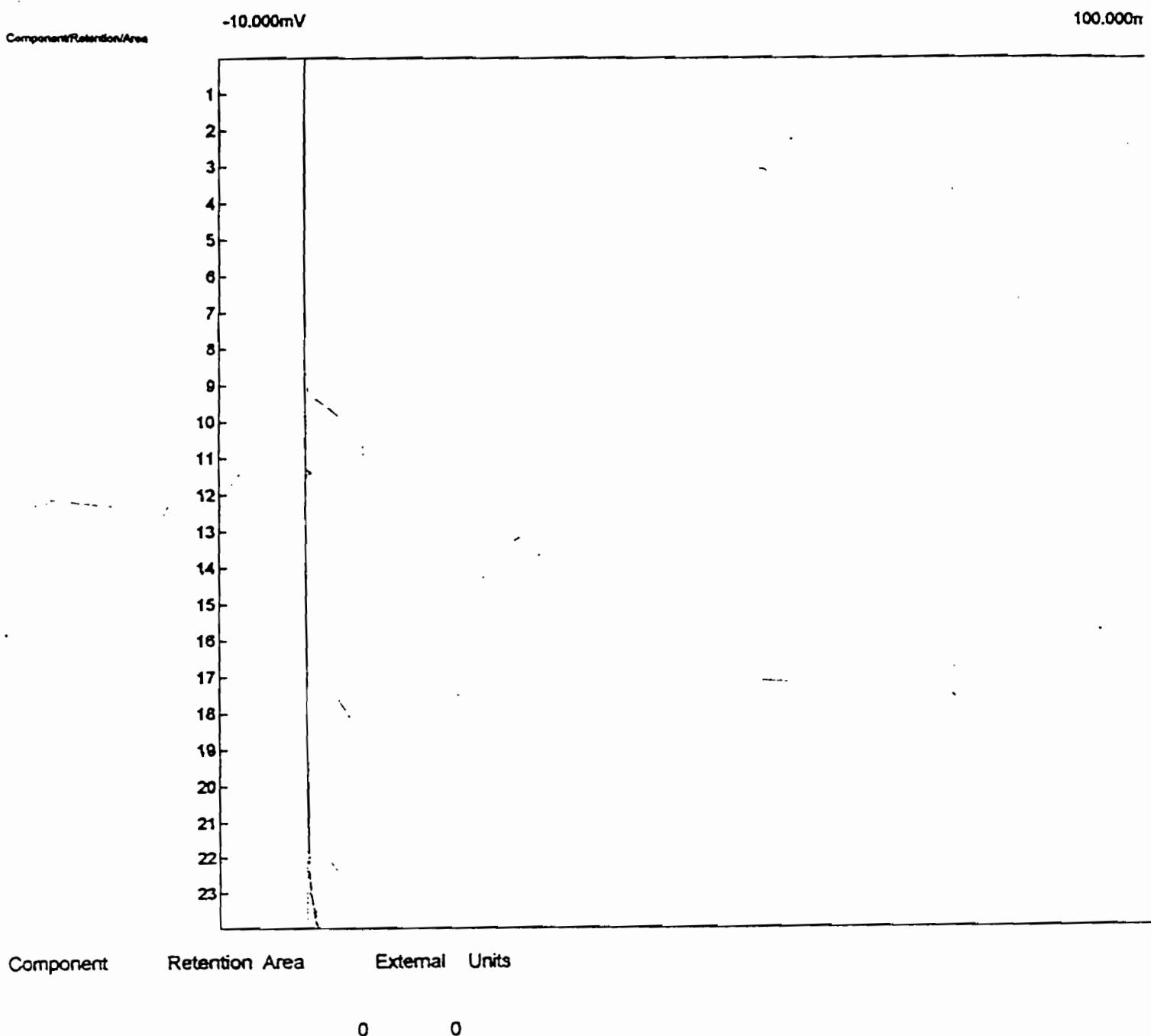
Method: Purge & Trap

Description: PID

Column: RESTEK 15METER MXT-1

Carrier: HELIUM AT 400 ON DIAL

Data file: PID3.CHR 0



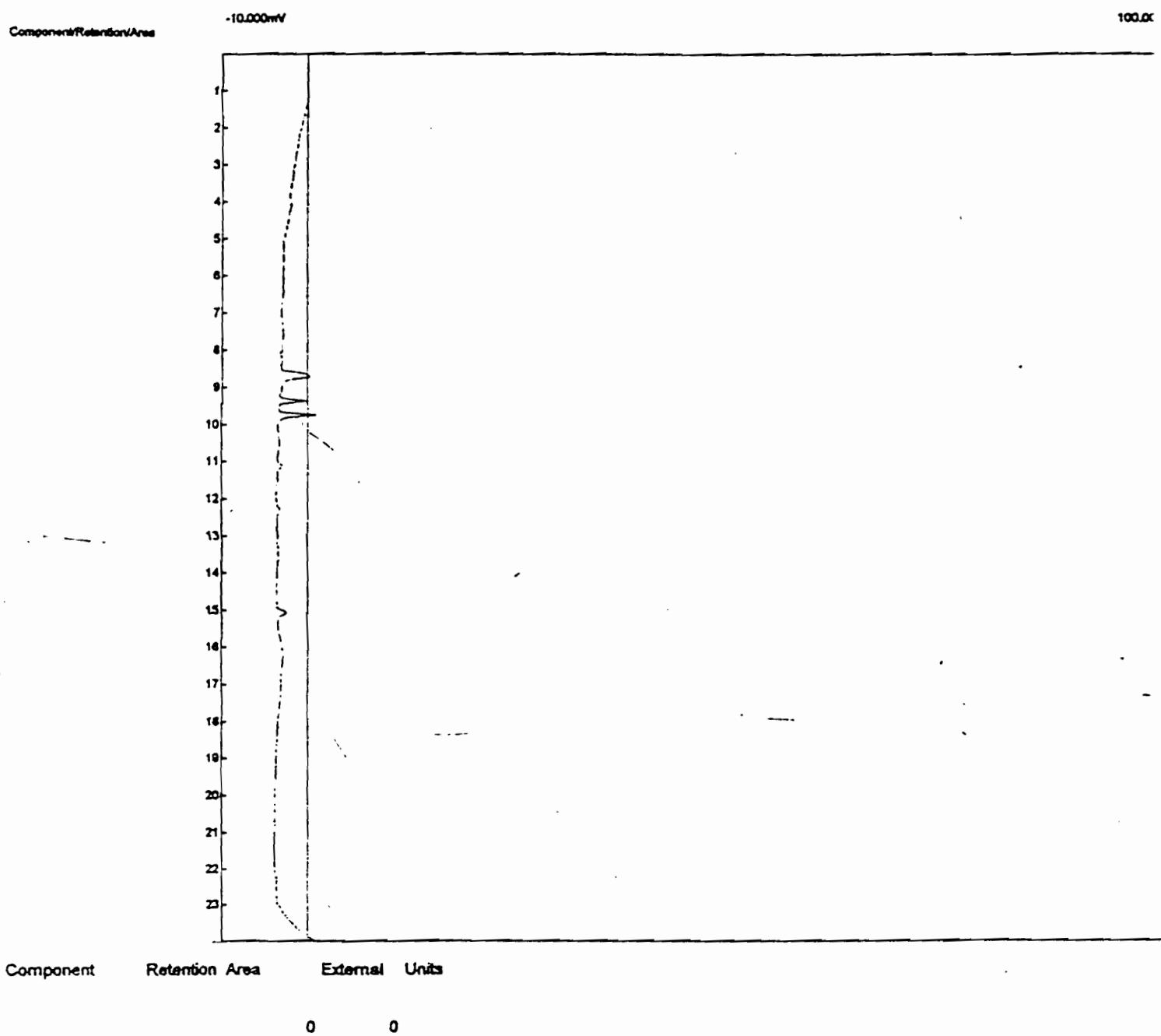
Analysis date: 12/11/1995 09:55:23

Description: DELCO

Column: RESTEK 1SMETER MXT-1

Carrier: HELIUM AT 400 ON DIAL

Data file: elcd2.CHR 0



.../AB C:\...\ 12/1/01 09:55:23

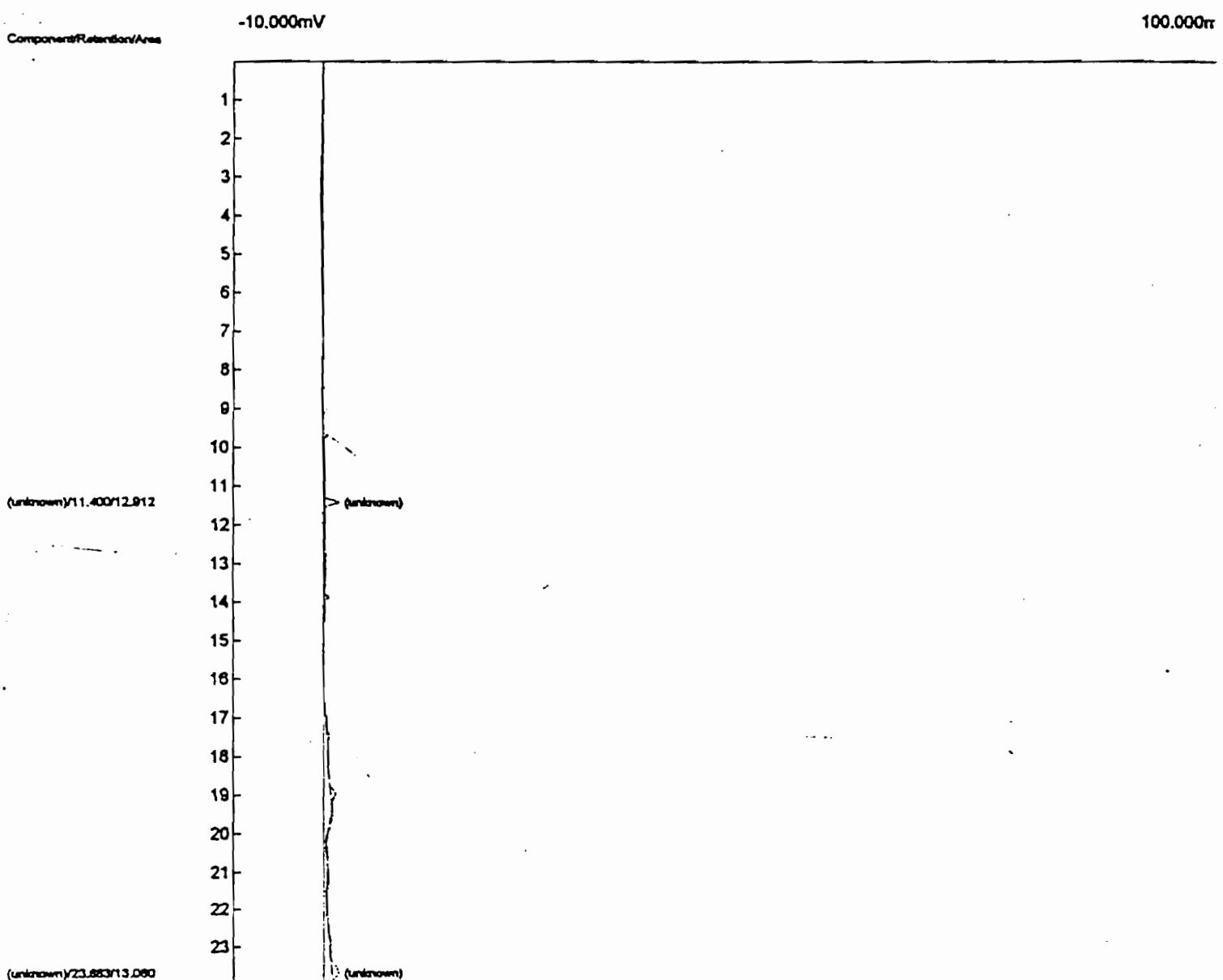
Method: Purge & Trap

Description: PID

Column: RESTEK 15METER MXT-1

Carrier: HELIUM AT 400 ON DIAL

Data file: PiD2.CHR 0



Component	Retention Area	External	Units
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(unknown)	11.400	12.912	0.00
(unknown)	23.683	13.060	0.00

NYSDEC Analysis

Soil & Sediment Sampling

April, 1996

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: DRY WELL #1

SITE CODE: 442028

PERCENT SOLIDS: 83%

SAMPLE NUMBER: 496-100-01

MATRIX: SEDIMENT

SUBMISSION DATE: 04/09/96

ARCHIVE NO.: U10001

ANALYSIS DATE: 04/09/96

DATA FILE NO.: 9600C90A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	90		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND	ND = LESS THAN 6 PPB	
Styrene	ND		
Bromoform	ND	ALL CONCENTRATIONS LESS THAN	
1122Tetrachloroethane	ND	6 PPB ARE ESTIMATES	
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
---- MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: MW #3 CUTTINGS

SITE CODE: 442028

PERCENT SOLIDS: 75%

SAMPLE NUMBER: 496-100-05

MATRIX: SOIL

SUBMISSION DATE: 04/09/96

ARCHIVE NO.: U10005

ANALYSIS DATE: 04/09/96

DATA FILE NO.: 9600C88A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	13	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	NO		
Vinyl Acetate	ND		
2-Butanone	NO		
cis-1,2-Dichloroethene	ND		
Chloroform	NO		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	NO		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	NO		
trans-1,3-Dichloropropene	NO		
1,1,2-Trichloroethane	NO		
2-Hexanone	NO		
Tetrachloroethene	NO		
Dibromochloromethane	NO		
Chlorobenzene	NO		
Ethylbenzene	NO		
m,p-Xylene	NO		
c-Xylene	NO		NO = LESS THAN 7 PPB
Styrene	NO		
Bromoform	NO		
1,1,2-Tetrachloroethane	NO		ALL CONCENTRATIONS LESS THAN
2-Chlorotoluene	NO		7 PPB ARE ESTIMATES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: MW #4 CUTTINGS

SITE CODE: 442028

PERCENT SOLIDS: 88%

SAMPLE NUMBER: 496-100-06

MATRIX: SOIL

SUBMISSION DATE: 04/09/96

ARCHIVE NO.: V10006

ANALYSIS DATE: 04/09/96

DATA FILE NO.: 9600C89A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	4 J	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	2 J		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	4 J		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	2 J		
M,P-Xylene	5 J		
O-Xylene	ND	ND = LESS THAN 6 PPB	
Styrene	ND		
Bromoform	ND		
1122Tetrachloroethane	ND	ALL CONCENTRATIONS LESS THAN	
2-Chlorotoluene	ND	6 PPB ARE ESTIMATES	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: TP #3 WATER

SITE CODE: 442028

PERCENT SOLIDS: NA%

SAMPLE NUMBER: 496-100-07

MATRIX: WATER

SUBMISSION DATE: 04/09/96

ARCHIVE NO.: U10007

ANALYSIS DATE: 04/10/96

DATA FILE NO.: 9601825A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbon tetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Ethoxochloromethane	ND		
4-Methyl-2-Fentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trihalo-1,2-diene	ND		
+ Heptane	ND		
Perchloroethane	PP		
Chlorodichloromethane	ND		
Dichlorobenzene	ND		
Ethylbenzene	ND		
m,p-Xylene	ND		
t,p-Xylene	ND		
Styrene	ND		
Phenol	ND		
2-Chlorotoluene	ND		
		ND = LESS THAN 5 PPB	
		ALL CONCENTRATIONS LESS THAN	
		5 PPB ARE ESTIMATES	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: FUEL TANK

SITE CODE: 442028

PERCENT SOLIDS: NA

SAMPLE NUMBER: 496-100-08

MATRIX: WATER

SUBMISSION DATE: 04/09/96

ARCHIVE NO.: U10008

ANALYSIS DATE: 04/10/96

DATA FILE NO.: 9601B26A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	110		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	180		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	ND		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	400		
O-Xylene	230		ND = LESS THAN 50 PPB
Styrene	ND		
Bromoform	ND		ALL CONCENTRATIONS LESS THAN
1,1,2-Tetrachloroethane	ND		50 PPB ARE ESTIMATES
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: MW25 7-9

SITE CODE: 442028

PERCENT SOLIDS: 89%

SAMPLE NUMBER: 496-102-01

MATRIX: SOIL

SUBMISSION DATE: 04/11/96

ARCHIVE NO.: U10201

ANALYSIS DATE: 04/15/96

DATA FILE NO.: 9601B46A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	NC		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	5 J		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND		ND = LESS THAN 6 PPB
Styrene	ND		
Bromoform	ND		ALL CONCENTRATIONS LESS THAN
1122Tetrachloroethane	ND		6 PPB ARE ESTIMATES
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: TEST PIT #3 SOIL

SITE CODE: 442028

PERCENT SOLIDS: 88%

SAMPLE NUMBER: 496-100-04

MATRIX: SOIL

SUBMISSION DATE: 04/09/96

ARCHIVE NO.: U10004

ANALYSIS DATE: 04/11/96

DATA FILE NO.: 9601832A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	ND		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
m,p-Xylene	ND		
o-Xylene	ND		
Styrene	ND		
Bromoform	ND		
1,1,2-Tetrachloroethane	ND		
2-Chlorotoluene	ND		
		ND = LESS THAN 5 PPB	
		ALL CONCENTRATIONS LESS THAN	
		5 PPB ARE ESTIMATES	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: DRY WELL SOIL #1

SITE CODE: 442028

PERCENT SOLIDS: 65%

SAMPLE NUMBER: 496-100-03

MATRIX: SOIL

SUBMISSION DATE: 04/09/96

ARCHIVE NO.: U10003

ANALYSIS DATE: 04/11/96

DATA FILE NO.: 9601831A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND	-----	
Methylene Chloride	ND	-----	
trans-1,2-Dichloroethene	ND	-----	
1,1-Dichloroethane	ND	-----	
Vinyl Acetate	ND	-----	
2-Butanone	ND	-----	
cis-1,2-Dichloroethene	ND	-----	
Chloroform	ND	-----	
1,1,1-Trichloroethane	ND	-----	
Carbontetrachloride	ND	-----	
1,2-Dichloroethane	ND	-----	
Benzene	ND	-----	
Trichloroethene	ND	-----	
1,2-Dichloropropane	ND	-----	
Bromodichloromethane	ND	-----	
4-Methyl-2-Pentanone	ND	-----	
cis-1,3-Dichloropropene	ND	-----	
Toluene	ND	-----	
trans-1,3-Dichloropropene	ND	-----	
1,1,2-Trichloroethane	ND	-----	
2-Hexanone	ND	-----	
Tetrachloroethene	470	-----	
Dibromochloromethane	ND	-----	
Chlorobenzene	ND	-----	
Ethylbenzene	ND	-----	
M,P-Xylene	ND	-----	
O-Xylene	ND	-----	
Styrene	ND	-----	
Bromoform	ND	-----	
1122Tetrachloroethane	ND	-----	
2-Chlorotoluene	ND	-----	
		NO = LESS THAN 8 PPB	
		ALL CONCENTRATIONS LESS THAN	
		8 PPB ARE ESTIMATES	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: DRY WELL #2

SITE CODE: 442028

PERCENT SOLIDS: 81%

SAMPLE NUMBER: 496-100-02

MATRIX: SEDIMENT

SUBMISSION DATE: 04/09/96

ARCHIVE NO.: U10002

ANALYSIS DATE: 04/11/96

DATA FILE NO.: 9601830A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	160		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND		ND = LESS THAN 6 PPB
Styrene	ND		
Bromoform	ND		ALL CONCENTRATIONS LESS THAN
1122Tetrachloroethane	ND		6 PPB ARE ESTIMATES
2-Chlorotoluene	ND		

NYSDOH Analysis
Soil & Sediment Sampling
April, 1996

0001

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

AGE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683072 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
 PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
 SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
 POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
 LATITUDE: LONGITUDE: Z DIRECTION:
 LOCATION: #442028 VALLEY FALLS DRY CLEANERS
 DESCRIPTION: 11 LYONS ST., VALLEY FALLS, DRY WELL SEDIMENT #1
 REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAI
 TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
 SAMPLE TYPE: 610:SEDIMENT
 TIME OF SAMPLING: 96/04/08 14:39 DATE REPORTED: 96/05/14
 CASE: RA096 SDG: 0408 CUST. NO.: SED1

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
 DATE REPORTED: 96/05/14 REPORT MAILED OUT

-----PARAMETER-----

-----RESULT-----

CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	240. MCG/KG [J]
ACETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
1,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	< 1400. MCG/KG
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	230. MCG/KG [J]
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

***** CONTINUED ON NEXT PAGE *****

COPIES SENT TO: CO(1), RO(), LPHE(), FED(), INFO-P(), INFO-L()

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SUBMITTED BY: K EASTMAN

0002

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683072 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/08 14:39 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: SED1

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE

< 1400. MCG/KG

ETHYLBENZENE

< 1400. MCG/KG

STYRENE

< 1400. MCG/KG

TOTAL XYLENES

< 1400. MCG/KG

***** END OF REPORT *****

0001

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

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GE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 983073 SAMPLE RECEIVED: 96/04/10 CHARGE: 10.00
 PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
 SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
 POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
 LATITUDE: . LONGITUDE: . Z DIRECTION:
 LOCATION: #442028 VALLEY FALLS DRY CLEANERS
 DESCRIPTION: 11 LYONS ST., VALLEY FALLS, DRY WELL SEDIMENT #2
 REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
 TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
 SAMPLE TYPE: 610:SEDIMENT
 TIME OF SAMPLING: 96/04/08 14:47 DATE REPORTED: 96/05/14
 CASE: RA096 SDG: 0408 CUST. NO.: SED2
 ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
 DATE REPORTED: 96/05/14 REPORT MAILED OUT

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
DATE REPORTED: 96/05/14 REPORT MAILED OUT

PARAMETER	RESULT
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	370. MCG/KG [J]
ACETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	< 1400. MCG/KG
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	330. MCG/KG [J]
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

***** CONTINUED ON NEXT PAGE *****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683073 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/08 14:47 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: SED2

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE	< 1400. MCG/KG
ETHYLBENZENE	< 1400. MCG/KG
STYRENE	< 1400. MCG/KG
TOTAL XYLENES	< 1400. MCG/KG

***** END OF REPORT *****

GE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683074 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
 PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
 SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
 POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
 LATITUDE: LONGITUDE: Z DIRECTION:
 LOCATION: #442028 VALLEY FALLS DRY CLEANERS
 DESCRIPTION: 11 LYONS ST., VALLEY FALLS, MW2-SOIL 6-8' DEEP
 REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAE
 TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
 SAMPLE TYPE: 600:SOIL, SAND
 TIME OF SAMPLING: 96/04/09 08:03 DATE REPORTED: 96/05/14
 CASE: RA096 SDG: 0408 CUST. NO.: MW2SA

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
 DATE REPORTED: 96/05/14 REPORT MAILED OUT

PARAMETER	RESULT
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	71. MCG/KG [J]
ACETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	< 1400. MCG/KG
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	43. MCG/KG [J]
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

PAGE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683074 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/09 08:03 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: MW2SA

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE < 1400. MCG/KG
ETHYLBENZENE < 1400. MCG/KG
STYRENE < 1400. MCG/KG
TOTAL XYLENES < 1400. MCG/KG

***** END OF REPORT *****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683075 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
 PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
 SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
 POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
 LATITUDE: LONGITUDE: Z DIRECTION:
 LOCATION: #442028 VALLEY FALLS DRY CLEANERS
 DESCRIPTION: 11 LYONS ST., VALLEY FALLS, MONITORING WELL 2 SOIL 8-10'
 REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
 TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
 SAMPLE TYPE: 600:SOIL, SAND
 TIME OF SAMPLING: 96/04/09 08:12 DATE REPORTED: 96/05/14
 CASE: RA096 SDG: 0408 CUST.NO.: MW2SB

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
 DATE REPORTED: 96/05/14 REPORT MAILED OUT

-----PARAMETER-----	-----RESULT-----
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	120. MCG/KG [J]
ACETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	45. MCG/KG [J]
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	650. MCG/KG [J]
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683075 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/09 08:12 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: MW2SB

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE
ETHYLBENZENE
STYRENE
TOTAL XYLENES

< 1400. MCG/KG
< 1400. MCG/KG
< 1400. MCG/KG
< 1400. MCG/KG

***** END OF REPORT *****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

AGE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683076 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
 PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
 SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
 POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
 LATITUDE: LONGITUDE: Z DIRECTION:
 LOCATION: #442028 VALLEY FALLS DRY CLEANERS
 DESCRIPTION: 11 LYONS ST., VALLEY FALLS, TRENCH #4A, UNDER CLAY PIPE
 REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
 TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
 SAMPLE TYPE: 600:SOIL, SAND
 TIME OF SAMPLING: 96/04/09 11:20 DATE REPORTED: 96/05/14
 CASE: RA096 SDG: 0408 CUST. NO.: T4A

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
 DATE REPORTED: 96/05/14 REPORT MAILED OUT

-----PARAMETER-----	-----RESULT-----
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	140. MCG/KG [J]
ACETONE	< 1400. MCG/KG
ARBON DISULFIDE	< 1400. MCG/KG
1,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	< 1400. MCG/KG
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	1800. MCG/KG
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683076 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/09 11:20 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: T4A

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE	< 1400. MCG/KG
ETHYLBENZENE	< 1400. MCG/KG
STYRENE	< 1400. MCG/KG
TOTAL XYLENES	< 1400. MCG/KG

***** END OF REPORT *****

0001

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

AGE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683077 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
 PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
 SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
 POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
 LATITUDE: LONGITUDE: Z DIRECTION:
 LOCATION: #442028 VALLEY FALLS DRY CLEANERS
 DESCRIPTION: 11 LYONS ST., VALLEY FALLS, TRENCH #4B, UNDER JOINT IN CLAY
 DESCRIPTION: PIPE
 REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAI
 TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
 SAMPLE TYPE: 600:SOIL, SAND
 TIME OF SAMPLING: 96/04/09 11:30 DATE REPORTED: 96/05/14
 CASE: RA096 SDG: 0408 CUST.NO.: T4B

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
 DATE REPORTED: 96/05/14 REPORT MAILED OUT

-----PARAMETER-----	-----RESULT-----
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	190. MCG/KG [J]
CETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
1,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	33. MCG/KG [J]
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	4100. MCG/KG
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

PAGE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683077 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/09 11:30 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: T4B

-----PARAMETER-----

-----RESULT-----

TOLUENE	< 1400. MCG/KG
CHLOROBENZENE	< 1400. MCG/KG
ETHYLBENZENE	< 1400. MCG/KG
STYRENE	< 1400. MCG/KG
TOTAL XYLENES	< 1400. MCG/KG

***** END OF REPORT *****

0001

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683068 SAMPLE RECEIVED: 96/04/10/ CHARGE: 1.20
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION: 11 LYON ST., VALLEY FALLS, BACKGROUND TEST PIT #1, 2-4' DEEP
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: 10-999:NON SPECIFIC TEST PATTERN
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/08 11:15 DATE REPORTED: 96/05/01
CASE: RA096 SDG: 0408 CUST. NO.: BTP1

***** ADDITIONAL PARAMETERS *****

-----PARAMETER-----	-----RESULT-----
ORGANIC CARBON BY THERMAL CONDUCTIVITY	4.0 PERCENT
SOLIDS, DRY	81. PERCENT

***** END OF REPORT *****

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WADSWORTH CENTER

AGE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683069 SAMPLE RECEIVED: 96/04/10/ CHARGE: 1.20
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION: 11 LYONS ST., VALLEY FALLS, BACKGROUND TEST PIT#2, 4-6' DEEP
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LA:
TEST PATTERN: 10-999:NON SPECIFIC TEST PATTERN
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/08 11:20 DATE REPORTED: 96/05/01
CASE: RA096 SDG: 0408 CUST. NO.: BTP2

***** ADDITIONAL PARAMETERS *****

-----PARAMETER-----	-----RESULT-----
ORGANIC CARBON BY THERMAL CONDUCTIVITY	2.9 PERCENT
SOLIDS, DRY	77. PERCENT

***** END OF REPORT *****

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AGE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683064 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION: 11 LYONS ST., VALLEY FALLS, BACKGROUND SURFACE SOIL #1
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAI
TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/08 10:26 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: BSS1

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
DATE REPORTED: 96/05/14 REPORT MAILED OUT

-----PARAMETER-----

-----RESULT-----

CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	110. MCG/KG [J]
ACETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
,,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	< 1400. MCG/KG
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	< 1400. MCG/KG
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

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SUBMITTED BY: K EASTMAN

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683064 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/08 10:26 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: BSS1

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE < 1400. MCG/KG
ETHYLBENZENE < 1400. MCG/KG
STYRENE < 1400. MCG/KG
TOTAL XYLENES < 1400. MCG/KG

***** END OF REPORT *****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

E 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683065 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION: 11 LYONS ST., VALLEY FALLS, BACKGROUND SURFACE SOIL #2
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/08 10:38 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: BSS2

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
DATE REPORTED: 96/05/14 REPORT MAILED OUT

PARAMETER	RESULT
CHLOROMETHANE	< 1300. MCG/KG
BROMOMETHANE	< 1300. MCG/KG
VINYL CHLORIDE	< 1300. MCG/KG
CHLOROETHANE	< 1300. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	170. MCG/KG [J]
ACETONE	< 1300. MCG/KG
CARBON DISULFIDE	< 1300. MCG/KG
1-DICHLOROETHENE	< 1300. MCG/KG
1,1-DICHLOROETHANE	< 1300. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1300. MCG/KG
CHLOROFORM	< 1300. MCG/KG
1,2-DICHLOROETHANE	< 1300. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1300. MCG/KG
1,1,1-TRICHLOROETHANE	< 1300. MCG/KG
CARBON TETRACHLORIDE	< 1300. MCG/KG
BROMODICHLOROMETHANE	< 1300. MCG/KG
1,2-DICHLOROPROPANE	< 1300. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1300. MCG/KG
TRICHLOROETHENE	< 1300. MCG/KG
DIBROMOCHLOROMETHANE	< 1300. MCG/KG
1,1,2-TRICHLOROETHANE	< 1300. MCG/KG
BENZENE	< 1300. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1300. MCG/KG
BROMOFORM	< 1300. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1300. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1300. MCG/KG
TETRACHLOROETHENE	< 1300. MCG/KG
1,1,2,2-TETRACHLOROETHANE	< 1300. MCG/KG
TOLUENE	< 1300. MCG/KG

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SUBMITTED BY: K EASTMAN

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

PAGE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683065 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/08 10:38 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: BSS2

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE

< 1300. MCG/KG

ETHYLBENZENE

< 1300. MCG/KG

STYRENE

< 1300. MCG/KG

TOTAL XYLENES

< 1300. MCG/KG

***** END OF REPORT *****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

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.GE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683072 SAMPLE RECEIVED:96/04/10/ CHARGE: 10.00
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:4122
POLITICAL SUBDIVISION:VALLEY FALLS V. COUNTY:RENSSELAER
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION:11 LYONS ST., VALLEY FALLS, DRY WELL SEDIMENT #1
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
SAMPLE TYPE: 610:SEDIMENT
TIME OF SAMPLING: 96/04/08 14:39 DATE REPORTED:96/05/14
CASE:RA096 SDG:0408 CUST.NO.:SED1

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
DATE REPORTED: 96/05/14 REPORT MAILED OUT

-----PARAMETER-----	-----RESULT-----
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	240. MCG/KG [J]
ACETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	< 1400. MCG/KG
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	230. MCG/KG [J]
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

***** CONTINUED ON NEXT PAGE *****

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SUBMITTED BY: K EASTMAN

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

.GE 2

RESULTS OF EXAMINATION

REPORT.MAILED OUT

SAMPLE ID: 9683072 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/08 14:39 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: SED1

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE	< 1400. MCG/KG
ETHYLBENZENE	< 1400. MCG/KG
STYRENE	< 1400. MCG/KG
TOTAL XYLENES	< 1400. MCG/KG

***** END OF REPORT *****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

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GE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683073 SAMPLE RECEIVED:96/04/10/ CHARGE: 10.00
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:4122
POLITICAL SUBDIVISION:VALLEY FALLS V. COUNTY:RENSSELAER
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION:11 LYONS ST., VALLEY FALLS, DRY WELL SEDIMENT #2
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
SAMPLE TYPE: 610:SEDIMENT
TIME OF SAMPLING: 96/04/08 14:47 DATE REPORTED:96/05/14
CASE:RA096 SDG:0408 CUST.NO.:SED2

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
DATE REPORTED: 96/05/14 REPORT MAILED OUT

PARAMETER	RESULT
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	370. MCG/KG [J]
ACETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
,,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	< 1400. MCG/KG
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	330. MCG/KG [J]
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

PAGE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683073 SAMPLE RECEIVED: 96/04/10 CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/08 14:47 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: SED2

-----PARAMETER-----

CHLOROBENZENE
ETHYLBENZENE
STYRENE
TOTAL XYLENES

-----RESULT-----

< 1400. MCG/KG
< 1400. MCG/KG
< 1400. MCG/KG
< 1400. MCG/KG

***** END OF REPORT *****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683074 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LATITUDE: . LONGITUDE: Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION: 11 LYONS ST., VALLEY FALLS, MW2-SOIL 6-8' DEEP
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/09 08:03 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: MW2SA

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
DATE REPORTED: 96/05/14 REPORT MAILED OUT

PARAMETER	RESULT
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	71. MCG/KG [J]
ACETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
1,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	< 1400. MCG/KG
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	43. MCG/KG [J]
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

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SUBMITTED BY: K EASTMAN

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 2

RESULTS OF EXAMINATION

REPORT.MAILED OUT

SAMPLE ID: 9683074 SAMPLE RECEIVED:96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION:VALLEY FALLS V. COUNTY:RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/09 08:03 DATE REPORTED:96/05/14
CASE:RA096 SDG:0408 CUST.NO.:MW2SA

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE < 1400. MCG/KG
ETHYLBENZENE < 1400. MCG/KG
STYRENE < 1400. MCG/KG
TOTAL XYLENES < 1400. MCG/KG

***** END OF REPORT *****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

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AGE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683075 SAMPLE RECEIVED:96/04/10/ CHARGE: 10.00
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:4122
POLITICAL SUBDIVISION:VALLEY FALLS V. COUNTY:RENSSELAER
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION:11 LYONS ST., VALLEY FALLS, MONITORING WELL 2 SOIL 8-10'
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAI
TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/09 08:12 DATE REPORTED:96/05/14
CASE:RA096 SDG:0408 CUST.NO.:MW2SB

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
DATE REPORTED: 96/05/14 REPORT MAILED OUT

PARAMETER	RESULT
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	120. MCG/KG [J]
ACETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
1,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	45. MCG/KG [J]
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	650. MCG/KG [J]
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

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The banner features a top row of 24 stars and a bottom row of 24 stars, with three additional stars positioned vertically on the left side and three vertically on the right side.

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

.GE 2

RESULTS OF EXAMINATION

REPORT.MAILED OUT

SAMPLE ID: 9683075 SAMPLE RECEIVED:96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION:VALLEY FALLS V. COUNTY:RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/09 08:12 DATE REPORTED:96/05/14
CASE:RA096 SDG:0408 CUST.NO.:MW2SB

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE
ETHYLBENZENE
STYRENE
TOTAL XYLENES

< 1400. MCG/KG
< 1400. MCG/KG
< 1400. MCG/KG
< 1400. MCG/KG

***** END OF REPORT *****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

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GE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683076 SAMPLE RECEIVED:96/04/10/ CHARGE: 10.00
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:4122
POLITICAL SUBDIVISION:VALLEY FALLS V. COUNTY:RENSSELAER
LATITUDE: . LONGITUDE: Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION:11 LYONS ST., VALLEY FALLS, TRENCH #4A, UNDER CLAY PIPE
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/09 11:20 DATE REPORTED:96/05/14
CASE:RA096 SDG:0408 CUST.NO.:T4A

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
DATE REPORTED: 96/05/14 REPORT MAILED OUT

PARAMETER	RESULT
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	140. MCG/KG [J]
ACETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
1,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	< 1400. MCG/KG
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	1800. MCG/KG
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

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WADSWORTH CENTER

.GE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683076 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/09 11:20 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: T4A

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE
ETHYLBENZENE
STYRENE
TOTAL XYLENES

< 1400. MCG/KG
< 1400. MCG/KG
< 1400. MCG/KG
< 1400. MCG/KG

***** END OF REPORT *****

0001

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683077 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION: 11 LYONS ST., VALLEY FALLS, TRENCH #4B, UNDER JOINT IN CLAY
DESCRIPTION: PIPE
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/09 11:30 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST.NO.: T4B

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS) DATE REPORTED: 96/05/14 REPORT MAILED OUT

-----PARAMETER-----	-----RESULT-----
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	190. MCG/KG [J]
'CETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
1,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	33. MCG/KG [J]
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	4100. MCG/KG
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG

***** CONTINUED ON NEXT PAGE *****

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SUBMITTED BY: K EASTMAN

0002

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683077 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/09 11:30 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: T4B

-----PARAMETER-----

-----RESULT-----

TOLUENE	< 1400. MCG/KG
CHLOROBENZENE	< 1400. MCG/KG
ETHYLBENZENE	< 1400. MCG/KG
STYRENE	< 1400. MCG/KG
TOTAL XYLENES	< 1400. MCG/KG

***** END OF REPORT *****

0001

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

.GE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683068 . SAMPLE RECEIVED:96/04/10/ CHARGE: 1.20
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:4122
POLITICAL SUBDIVISION:VALLEY FALLS V. COUNTY:RENSSELAER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION:11 LYON ST., VALLEY FALLS, BACKGROUND TEST PIT #1,2-4'DEEP
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: 10-999:NON SPECIFIC TEST PATTERN
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/08 11:15 DATE REPORTED:96/05/01
CASE:RA096 SDG:0408 CUST.NO.:BTP1

***** ADDITIONAL PARAMETERS *****

-----PARAMETER-----	-----RESULT-----
ORGANIC CARBON BY THERMAL CONDUCTIVITY	4.0 PERCENT
SOLIDS, DRY	81. PERCENT

***** END OF REPORT *****

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SUBMITTED BY:K EASTMAN

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

PAGE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683069 SAMPLE RECEIVED: 96/04/10/ CHARGE: 1.20
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION: 11 LYONS ST., VALLEY FALLS, BACKGROUND TEST PIT#2, 4-6' DEEP
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAI
TEST PATTERN: 10-999:NON SPECIFIC TEST PATTERN
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/08 11:20 DATE REPORTED: 96/05/01
CASE: RA096 SDG: 0408 CUST. NO.: BTP2

***** ADDITIONAL PARAMETERS *****

-----PARAMETER-----	-----RESULT-----
ORGANIC CARBON BY THERMAL CONDUCTIVITY	2.9 PERCENT
SOLIDS, DRY	77. PERCENT

***** END OF REPORT *****

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SUBMITTED BY: K EASTMAN

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

AGE 1

RESULTS OF EXAMINATION

REPORT.MAILED OUT

SAMPLE ID: 9683064 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION: 11 LYONS ST., VALLEY FALLS, BACKGROUND SURFACE SOIL #1
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/08 10:26 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: BSS1

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
DATE REPORTED: 96/05/14 REPORT MAILED OUT

-----PARAMETER-----	-----RESULT-----
CHLOROMETHANE	< 1400. MCG/KG
BROMOMETHANE	< 1400. MCG/KG
VINYL CHLORIDE	< 1400. MCG/KG
CHLOROETHANE	< 1400. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	110. MCG/KG [J]
ACETONE	< 1400. MCG/KG
CARBON DISULFIDE	< 1400. MCG/KG
,1-DICHLOROETHENE	< 1400. MCG/KG
1,1-DICHLOROETHANE	< 1400. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1400. MCG/KG
CHLOROFORM	< 1400. MCG/KG
1,2-DICHLOROETHANE	< 1400. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1400. MCG/KG
1,1,1-TRICHLOROETHANE	< 1400. MCG/KG
CARBON TETRACHLORIDE	< 1400. MCG/KG
BROMODICHLOROMETHANE	< 1400. MCG/KG
1,2-DICHLOROPROPANE	< 1400. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
TRICHLOROETHENE	< 1400. MCG/KG
DIBROMOCHLOROMETHANE	< 1400. MCG/KG
1,1,2-TRICHLOROETHANE	< 1400. MCG/KG
BENZENE	< 1400. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1400. MCG/KG
BROMOFORM	< 1400. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1400. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1400. MCG/KG
TETRACHLOROETHENE	< 1400. MCG/KG
1,1,2,2-TETRACHLOROETHANE	< 1400. MCG/KG
TOLUENE	< 1400. MCG/KG

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SUBMITTED BY: K EASTMAN

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

GE 2

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683064 SAMPLE RECEIVED: 96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/08 10:26 DATE REPORTED: 96/05/14
CASE: RA096 SDG: 0408 CUST. NO.: BSS1

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE < 1400. MCG/KG
ETHYLBENZENE < 1400. MCG/KG
STYRENE < 1400. MCG/KG
TOTAL XYLENES < 1400. MCG/KG

***** END OF REPORT *****

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

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GE 1

RESULTS OF EXAMINATION

REPORT MAILED OUT

SAMPLE ID: 9683065 SAMPLE RECEIVED:96/04/10/ CHARGE: 10.00
PROGRAM: 6610:DIV. HAZARDOUS WASTE REMEDIATION - BUR. CENTRAL REMEDIATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE:4122
POLITICAL SUBDIVISION:VALLEY FALLS V. COUNTY:RENSSELAER
LATITUDE: . LONGITUDE: . Z DIRECTION:
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION:11 LYONS ST., VALLEY FALLS, BACKGROUND SURFACE SOIL #2
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: CLP-VOLSKG:CLP VOLATILES - SOLID (MCG/KG)
SAMPLE TYPE: 600:SOIL, SAND
TIME OF SAMPLING: 96/04/08 10:38 DATE REPORTED:96/05/14
CASE:RA096 SDG:0408 CUST.NO.:BSS2

ANALYSIS: CLP-VOLSKG CLP VOLATILES - SOIL/SEDIMENT (GC/MS)
DATE REPORTED: 96/05/14 REPORT MAILED

PARAMETER	RESULT
CHLOROMETHANE	< 1300. MCG/KG
BROMOMETHANE	< 1300. MCG/KG
VINYL CHLORIDE	< 1300. MCG/KG
CHLOROETHANE	< 1300. MCG/KG
METHYLENE CHLORIDE (DICHLOROMETHANE)	170. MCG/KG [J]
ACETONE	< 1300. MCG/KG
CARBON DISULFIDE	< 1300. MCG/KG
,,1-DICHLOROETHENE	< 1300. MCG/KG
1,1-DICHLOROETHANE	< 1300. MCG/KG
CIS/TRANS-1,2-DICHLOROETHENE (TOTAL)	< 1300. MCG/KG
CHLOROFORM	< 1300. MCG/KG
1,2-DICHLOROETHANE	< 1300. MCG/KG
2-BUTANONE (METHYL ETHYL KETONE)	< 1300. MCG/KG
1,1,1-TRICHLOROETHANE	< 1300. MCG/KG
CARBON TETRACHLORIDE	< 1300. MCG/KG
BROMODICHLOROMETHANE	< 1300. MCG/KG
1,2-DICHLOROPROPANE	< 1300. MCG/KG
CIS-1,3-DICHLOROPROPENE	< 1300. MCG/KG
TRICHLOROETHENE	< 1300. MCG/KG
DIBROMOCHLOROMETHANE	< 1300. MCG/KG
1,1,2-TRICHLOROETHANE	< 1300. MCG/KG
BENZENE	< 1300. MCG/KG
TRANS-1,3-DICHLOROPROPENE	< 1300. MCG/KG
BROMOFORM	< 1300. MCG/KG
4-METHYL-2-PENTANONE (MIBK)	< 1300. MCG/KG
2-HEXANONE (METHYL BUTYL KETONE)	< 1300. MCG/KG
TETRACHLOROETHENE	< 1300. MCG/KG
1,1,2,2-TETRACHLOROETHANE	< 1300. MCG/KG
TOLUENE	< 1300. MCG/KG

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SUBMITTED BY: K EASTMAN

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NEW YORK STATE DEPARTMENT Of HEALTH
WADSWORTH CENTER

AGE 2

RESULTS OF EXAMINATION

REPORT.MAILED OUT

SAMPLE ID: 9683065 SAMPLE RECEIVED:96/04/10/ CHARGE: 10.00
POLITICAL SUBDIVISION:VALLEY FALLS V. COUNTY:RENSSELAER
LOCATION: #442028 VALLEY FALLS DRY CLEANERS
TIME OF SAMPLING: 96/04/08 10:38 DATE REPORTED:96/05/14
CASE:RA096 SDG:0408 CUST.NO.:BSS2

-----PARAMETER-----

-----RESULT-----

CHLOROBENZENE

< 1300. MCG/KG

ETHYLBENZENE

< 1300. MCG/KG

STYRENE

< 1300. MCG/KG

TOTAL XYLENES

< 1300. MCG/KG

***** END OF REPORT *****

NYSDEC Analysis

First Round Groundwater Sampling

April, 1996

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: MW-1S

SITE CODE: 442028

PERCENT SOLIDS: NA

SAMPLE NUMBER: 496-113-01

MATRIX: WATER

SUBMISSION DATE: 04/22/96

ARCHIVE NO.: U11301

ANALYSIS DATE: 04/24/96

DATA FILE NO.: 9601873A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND	-----	
Methylene Chloride	ND	-----	
trans-1,2-Dichloroethene	ND	NON-TARGET COMPOUNDS	
1,1-Dichloroethane	ND	-----	
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	ND		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND	NO = LESS THAN 5 PPB	
Styrene	ND		
Bromoform	ND	ALL CONCENTRATIONS LESS THAN	
1122Tetrachloroethane	ND	5 PPB ARE ESTIMATES	
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME:VALLEY FALLS DRY CLEANERS

FIELD ID:MW-1D

SITE CODE:442028

PERCENT SOLIDS:NA

SAMPLE NUMBER:496-113-02

MATRIX:WATER

SUBMISSION DATE:04/22/96

ARCHIVE NO.:U11302

ANALYSIS DATE:04/24/96

DATA FILE NO.:9601B74A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND	-----	
Methylene Chloride	ND	-----	
trans-1,2-Dichloroethene	ND	-----	
1,1-Dichloroethane	ND	-----	
Vinyl Acetate	ND	-----	
2-Butanone	ND	-----	
cis-1,2-Dichloroethene	ND	-----	
Chloroform	ND	-----	
1,1,1-Trichloroethane	ND	-----	
Carbontetrachloride	ND	-----	
1,2-Dichloroethane	ND	-----	
Benzene	ND	-----	
Trichloroethene	ND	-----	
1,2-Dichloropropane	ND	-----	
Bromodichloromethane	ND	-----	
4-Methyl-2-Pentanone	ND	-----	
cis-1,3-Dichloropropene	ND	-----	
Toluene	ND	-----	
trans-1,3-Dichloropropene	ND	-----	
1,1,2-Trichloroethane	ND	-----	
2-Hexanone	ND	-----	
Tetrachloroethene	ND	-----	
Dibromochloromethane	ND	-----	
Chlorobenzene	ND	-----	
Ethylbenzene	ND	-----	
M,P-Xylene	ND	-----	
O-Xylene	ND	-----	ND = LESS THAN 5 PPB
Styrene	ND	-----	
Bromoform	ND	-----	ALL CONCENTRATIONS LESS THAN
1122Tetrachloroethane	ND	-----	5 PPB ARE ESTIMATES
2-Chlorotoluene	ND	-----	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: MW-2S

SITE CODE: 442028

PERCENT SOLIDS: NA

SAMPLE NUMBER: 496-113-03

MATRIX: WATER

SUBMISSION DATE: 04/22/96

ARCHIVE NO.: U11303

ANALYSIS DATE: 04/25/96

DATA FILE NO.: 9601878A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	20		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	20		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	180		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND		ND = LESS THAN 5 PPB
Styrene	ND		
Bromoform	ND		ALL CONCENTRATIONS LESS THAN
1122Tetrachloroethane	ND		5 PPB ARE ESTIMATES
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME:VALLEY FALLS DRY CLEANERS

FIELD ID:MW-2D

SITE CODE:442028

PERCENT SOLIDS:NA

SAMPLE NUMBER:496-113-04

MATRIX:WATER

SUBMISSION DATE:04/22/96

ARCHIVE NO.:U11304

ANALYSIS DATE:04/25/96

DATA FILE NO.:9601B81A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	ND		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND		ND = LESS THAN 5 PPB
Styrene	ND		
Bromoform	ND		ALL CONCENTRATIONS LESS THAN
1122Tetrachloroethane	ND		5 PPB ARE ESTIMATES
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME:VALLEY FALLS DRY CLEANERS

FIELD ID:MW-3S

SITE CODE:442028

PERCENT SOLIDS:NA

SAMPLE NUMBER:496-113-05

MATRIX:WATER

SUBMISSION DATE:04/22/96

ARCHIVE NO.:U11305

ANALYSIS DATE:04/25/96

DATA FILE NO.:9601B82A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND	-----	
Methylene Chloride	ND	-----	
trans-1,2-Dichloroethene	ND	NON-TARGET COMPOUNDS	
1,1-Dichloroethane	ND	-----	
Vinyl Acetate	ND	-----	
2-Butanone	ND	-----	
cis-1,2-Dichloroethene	ND	-----	
Chloroform	ND	-----	
1,1,1-Trichloroethane	ND	-----	
Carbontetrachloride	ND	-----	
1,2-Dichloroethane	ND	-----	
Benzene	ND	-----	
Trichloroethene	ND	-----	
1,2-Dichloropropane	ND	-----	
Bromodichloromethane	ND	-----	
4-Methyl-2-Pentanone	ND	-----	
cis-1,3-Dichloropropene	ND	-----	
Toluene	ND	-----	
trans-1,3-Dichloropropene	ND	-----	
1,1,2-Trichloroethane	ND	-----	
2-Hexanone	ND	-----	
Tetrachloroethene	12	-----	
Dibromochloromethane	ND	-----	
Chlorobenzene	ND	-----	
Ethylbenzene	ND	-----	
M,P-Xylene	ND	-----	
O-Xylene	ND	-----	ND = LESS THAN 5 PPB
Styrene	ND	-----	
Bromoform	ND	-----	ALL CONCENTRATIONS LESS THAN
1122Tetrachloroethane	ND	-----	5 PPB ARE ESTIMATES
2-Chlorotoluene	ND	-----	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME:VALLEY FALLS DRY CLEANERS

FIELD ID:MW-3D

SITE CODE:442028

PERCENT SOLIDS:NA

SAMPLE NUMBER:496-113-06

MATRIX:WATER

SUBMISSION DATE:04/22/96

ARCHIVE NO.:U11306

ANALYSIS DATE:04/26/96

DATA FILE NO.:9601B87A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND	-----	
Methylene Chloride	ND	-----	
trans-1,2-Dichloroethene	ND	-----	
1,1-Dichloroethane	ND	-----	
Vinyl Acetate	ND	-----	
2-Butanone	ND	-----	
cis-1,2-Dichloroethene	ND	-----	
Chloroform	1 J	-----	
1,1,1-Trichloroethane	ND	-----	
Carbontetrachloride	ND	-----	
1,2-Dichloroethane	ND	-----	
Benzene	1 J	-----	
Trichloroethene	ND	-----	
1,2-Dichloropropane	ND	-----	
Bromodichloromethane	ND	-----	
4-Methyl-2-Pentanone	ND	-----	
cis-1,3-Dichloropropene	ND	-----	
Toluene	ND	-----	
trans-1,3-Dichloropropene	ND	-----	
1,1,2-Trichloroethane	ND	-----	
2-Hexanone	ND	-----	
Tetrachloroethene	12	-----	
Dibromochloromethane	ND	-----	
Chlorobenzene	ND	-----	
Ethylbenzene	ND	-----	
M,P-Xylene	ND	-----	
O-Xylene	ND	-----	
Styrene	ND	-----	
Bromoform	ND	-----	
1122Tetrachloroethane	ND	-----	
2-Chlorotoluene	ND	NO = LESS THAN 5 PPB	
		ALL CONCENTRATIONS LESS THAN	
		5 PPB ARE ESTIMATES	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: MW-4S

SITE CODE: 442028

PERCENT SOLIDS: NA

SAMPLE NUMBER: 496-113-07

MATRIX: WATER

SUBMISSION DATE: 04/22/96

ARCHIVE NO.: V11307

ANALYSIS DATE: 04/26/96

DATA FILE NO.: 9601899A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		-----
1,1-Dichloroethane	ND		NON-TARGET COMPOUNDS
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	7		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	4.0		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	90		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND		NO = LESS THAN 5 PPB
Styrene	ND		
Bromoform	ND		ALL CONCENTRATIONS LESS THAN
1122Tetrachloroethane	ND		5 PPB ARE ESTIMATES
2-Chlorotoluene	ND		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME:VALLEY FALLS DRY CLEANERS

FIELD ID:MW-4D

SITE CODE:442028

PERCENT SOLIDS:NA

SAMPLE NUMBER:496-113-08

MATRIX:WATER

SUBMISSION DATE:04/22/96

ARCHIVE NO.:U11308

ANALYSIS DATE:04/26/96

DATA FILE NO.:9601898A.D

COMPOUND	CONC (PPB)		COMPOUND	CONC (PPB)
Vinyl Chloride	ND		4 - Chlorotoluene	ND
Bromomethane	ND		1,3 - Dichlorobenzene	NO
Chloroethane	ND		1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND		1,2 - Dichlorobenzene	ND
Acetone	ND		1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	NO		1,2,3 - Trichlorobenzene	NO
Carbon disulfide	ND			
Methylene Chloride	ND			
trans-1,2-Dichloroethene	ND			
1,1-Dichloroethane	ND			
Vinyl Acetate	ND			
2-Butanone	ND			
cis-1,2-Dichloroethene	ND			
Chloroform	ND			
1,1,1-Trichloroethane	ND			
Carbontetrachloride	ND			
1,2-Dichloroethane	ND			
Benzene	1 J			
Trichloroethene	ND			
1,2-Dichloropropane	ND			
Bromodichloromethane	ND			
4-Methyl-2-Pentanone	ND			
cis-1,3-Dichloropropene	ND			
Toluene	ND			
trans-1,3-Dichloropropene	ND			
1,1,2-Trichloroethane	ND			
2-Hexanone	ND			
Tetrachloroethene	ND			
Dibromochloromethane	ND			
Chlorobenzene	ND			
Ethylbenzene	ND			
M,P-Xylene	ND			
O-Xylene	ND			ND = LESS THAN 5 PPB
Styrene	ND			
Bromoform	ND			
112Tetrachloroethane	ND			ALL CONCENTRATIONS LESS THAN
2-Chlorotoluene	ND			5 PPB ARE ESTIMATES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MOBILE LABORATORY VOLATILE ANALYSIS

SITE NAME: VALLEY FALLS DRY CLEANERS

FIELD ID: TRIP BLANK

SITE CODE: 442028

PERCENT SOLIDS: NA

SAMPLE NUMBER: 496-113-09

MATRIX: WATER

SUBMISSION DATE: 04/22/96

ARCHIVE NO.: U11309

ANALYSIS DATE: 04/25/96

DATA FILE NO.: 9601879A.D

COMPOUND	CONC (PPB)	COMPOUND	CONC (PPB)
Vinyl Chloride	ND	4 - Chlorotoluene	ND
Bromomethane	ND	1,3 - Dichlorobenzene	ND
Chloroethane	ND	1,4 - Dichlorobenzene	ND
Trichlorofluoromethane	ND	1,2 - Dichlorobenzene	ND
Acetone	ND	1,2,4 - Trichlorobenzene	ND
1,1-Dichloroethene	ND	1,2,3 - Trichlorobenzene	ND
Carbon disulfide	ND		
Methylene Chloride	ND		
trans-1,2-Dichloroethene	ND		
1,1-Dichloroethane	ND		
Vinyl Acetate	ND		
2-Butanone	ND		
cis-1,2-Dichloroethene	ND		
Chloroform	ND		
1,1,1-Trichloroethane	ND		
Carbontetrachloride	ND		
1,2-Dichloroethane	ND		
Benzene	ND		
Trichloroethene	ND		
1,2-Dichloropropane	ND		
Bromodichloromethane	ND		
4-Methyl-2-Pentanone	ND		
cis-1,3-Dichloropropene	ND		
Toluene	ND		
trans-1,3-Dichloropropene	ND		
1,1,2-Trichloroethane	ND		
2-Hexanone	ND		
Tetrachloroethene	ND		
Dibromochloromethane	ND		
Chlorobenzene	ND		
Ethylbenzene	ND		
M,P-Xylene	ND		
O-Xylene	ND	ND = LESS THAN 5 PPB	
Styrene	ND		
Bromoform	ND	ALL CONCENTRATIONS LESS THAN	
1122Tetrachloroethane	ND	5 PPB ARE ESTIMATES	
2-Chlorotoluene	ND		

NYSDEC Analysis

Second Round Groundwater Sampling

August, 1996

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-1S

SITE:	VALLEY FALLS DRY CLEANERS	Contract:	
CODE:	442028	Case No.:	SAS No.: SDG No.:
Matrix: (soil/water)	WATER	Lab Sample ID: 496-221-01	
Sample wt/vol:	5.0 (g/ml) ML	Lab File ID: 9604B30A.D	
Level: (low/med)	LOW	Date Received: 08/08/96	
% Moisture: not dec.		Date Analyzed: 08/12/96	
GC Column:	ID: (mm)	Dilution Factor: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot Volume: (uL)	

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	v vinyl chloride	5	U	
	bromomethane	5	U	
	chloroethane	5	U	
	trichlorofluoromethane	5	U	
	acetone	5	U	
	1,1-dichloroethene	5	U	
	carbon disulfide	5	U	
	methylene chloride	5	U	
	trans-1,2-dichloroethene	5	U	
	1,1-dichloroethane	5	U	
	vinyl acetate	5	U	
	2-butanone	5	U	
	cis-1,2-dichloroethene	5	U	
	chloroform	5	U	
	1,1,1-trichloroethane	5	U	
	carbon tetrachloride	5	U	
	1,2-dichloroethane	5	U	
	benzene	5	U	
	trichloroethene	5	U	
	1,2-dichloropropane	5	U	
	bromodichloromethane	5	U	
	4-methyl-2-pentanone	5	U	
	cis-1,3-dichloropropene	5	U	
	toluene	5	U	
	trans-1,3-dichloropropene	5	U	
	1,1,2-trichloroethane	5	U	
	2-hexanone	5	U	
	tetrachloroethene	5	U	
	dibromochloromethane	5	U	
	chlorobenzene	5	U	
	ethylbenzene	5	U	
	m,p-xylenes	5	U	
	o-xylene	5	U	
	styrene	5	U	
	bromoform	5	U	
	1,1,2,2-tetrachloroethane	5	U	
	2-chlorotoluene	5	U	
	4-chlorotoluene	5	U	
	1,3-dichlorobenzene	5	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-1S

SITE: VALLEY FALLS DRY CLEANERS Contract: _____
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) WATER Lab Sample ID: 496-221-01
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9604B30A.D
 Level: (low/med) LOW Date Received: 08/08/96
 % Moisture: not dec. Date Analyzed: 08/12/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	1,4-dichlorobenzene	5	U
	1,2-dichlorobenzene	5	U
	1,2,4-trichlorobenzene	5	U
	1,2,3-trichlorobenzene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

MW-1S

SITE:	<u>VALLEY FALLS DRY CLEANERS</u>	Contract:	<u> </u>
CODE:	<u>442028</u>	Case No.:	<u> </u>
Matrix: (soil/water)	<u>WATER</u>	Lab Sample ID:	<u>496-221-01</u>
Sample wt/vol:	<u>5.0</u> (g/ml)	Lab File ID:	<u>9604B30A.D</u>
Level: (low/med)	<u>LOW</u>	Date Received:	<u>08/08/96</u>
% Moisture: not dec.	<u> </u>	Date Analyzed:	<u>08/12/96</u>
GC Column:	<u> </u>	Dilution Factor:	<u>1.0</u>
Soil Extract Volume:	<u> </u> (uL)	Soil Aliquot Volume:	<u> </u> (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-1D

SITE:	VALLEY FALLS DRY CLEANERS	Contract:	
CODE:	442028	Case No.:	SAS No.: SDG No.:
Matrix: (soil/water)	WATER	Lab Sample ID:	496-221-02
Sample wt/vol:	5.0 (g/ml) ML	Lab File ID:	9604B31A.D
Level: (low/med)	LOW	Date Received:	08/08/96
% Moisture: not dec.		Date Analyzed:	08/12/96
GC Column:	ID: (mm)	Dilution Factor:	1.0
Soil Extract Volume:	(uL)	Soil Aliquot Volume:	(uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	v vinyl chloride	5	U	
	bromomethane	5	U	
	chloroethane	5	U	
	trichlorofluoromethane	5	U	
	acetone	5	U	
	1,1-dichloroethene	5	U	
	carbon disulfide	5	U	
	methylene chloride	5	U	
	trans-1,2-dichloroethene	5	U	
	1,1-dichloroethane	5	U	
	vinyl acetate	5	U	
	2-butanone	5	U	
	cis-1,2-dichloroethene	5	U	
	chloroform	5	U	
	1,1,1-trichloroethane	5	U	
	carbon tetrachloride	5	U	
	1,2-dichloroethane	5	U	
	benzene	5	U	
	trichloroethene	5	U	
	1,2-dichloropropane	5	U	
	bromodichloromethane	5	U	
	4-methyl-2-pentanone	5	U	
	cis-1,3-dichloropropene	5	U	
	toluene	5	U	
	trans-1,3-dichloropropene	5	U	
	1,1,2-trichloroethane	5	U	
	2-hexanone	5	U	
	tetrachloroethene	5	U	
	dibromochloromethane	5	U	
	chlorobenzene	5	U	
	ethylbenzene	5	U	
	m,p-xylenes	5	U	
	o-xylene	5	U	
	styrene	5	U	
	bromoform	5	U	
	1,1,2,2-tetrachloroethane	5	U	
	2-chlorotoluene	5	U	
	4-chlorotoluene	5	U	
	1,3-dichlorobenzene	5	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-1D

SITE: <u>VALLEY FALLS DRY CLEANERS</u>	Contract: _____		
CODE: <u>442028</u>	Case No.: _____	SAS No.: _____	SDG No.: _____
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>496-221-02</u>		
Sample wt/vol: <u>5.0</u> (g/ml) <u>ML</u>	Lab File ID: <u>9604B31A.D</u>		
Level: (low/med) <u>LOW</u>	Date Received: <u>08/08/96</u>		
% Moisture: not dec.	Date Analyzed: <u>08/12/96</u>		
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>		
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)		

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
---------	----------	-----------------	-------------	---

	1,4-dichlorobenzene	5	U
	1,2-dichlorobenzene	5	U
	1,2,4-trichlorobenzene	5	U
	1,2,3-trichlorobenzene	5	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

MW-1D

SITE:	<u>VALLEY FALLS DRY CLEANERS</u>		Contract:	
CODE:	<u>442028</u>	Case No.:	SAS No.:	SDG No.:
Matrix: (soil/water)	<u>WATER</u>		Lab Sample ID:	<u>496-221-02</u>
Sample wt/vol:	<u>5.0</u>	(g/ml)	Lab File ID:	<u>9604B31A.D</u>
Level: (low/med)	<u>LOW</u>		Date Received:	<u>08/08/96</u>
% Moisture: not dec.			Date Analyzed:	<u>08/12/96</u>
GC Column:	ID:	(mm)	Dilution Factor:	<u>1.0</u>
Soil Extract Volume:	(<u>uL</u>)		Soil Aliquot Volume:	<u>(uL)</u>

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-2S

SITE: <u>VALLEY FALLS DRY CLEANERS</u>	Contract: _____		
CODE: <u>442028</u>	Case No.: _____	SAS No.: _____	SDG No.: _____
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>496-221-03</u>		
Sample wt/vol: <u>5.0</u> (g/ml) <u>ML</u>	Lab File ID: <u>9604B32A.D</u>		
Level: (low/med) <u>LOW</u>	Date Received: <u>08/08/96</u>		
% Moisture: not dec.	Date Analyzed: <u>08/12/96</u>		
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>		
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)		

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	v vinyl chloride	5	U	
	bromomethane	5	U	
	chloroethane	5	U	
	trichlorofluoromethane	5	U	
	acetone	5	U	
	1,1-dichloroethene	5	U	
	carbon disulfide	5	U	
	methylene chloride	5	U	
	trans-1,2-dichloroethene	5	U	
	1,1-dichloroethane	5	U	
	vinyl acetate	5	U	
	2-butanone	5	U	
	cis-1,2-dichloroethene	46		
	chloroform	5	U	
	1,1,1-trichloroethane	5	U	
	carbon tetrachloride	—	5	U
	1,2-dichloroethane	5	U	
	benzene	5	U	
	trichloroethene	30		
	1,2-dichloropropane	5	U	
	bromodichloromethane	5	U	
	4-methyl-2-pentanone	5	U	
	cis-1,3-dichloropropene	5	U	
	toluene	5	U	
	trans-1,3-dichloropropene	5	U	
	1,1,2-trichloroethane	5	U	
	2-hexanone	5	U	
	tetrachloroethene	270	E	
	dibromochloromethane	5	U	
	chlorobenzene	5	U	
	ethylbenzene	5	U	
	m,p-xylenes	5	U	
	o-xylene	5	U	
	styrene	5	U	
	bromoform	5	U	
	1,1,2,2-tetrachloroethane	5	U	
	2-chlorotoluene	5	U	
	4-chlorotoluene	5	U	
	1,3-dichlorobenzene	5	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-2S

SITE: <u>VALLEY FALLS DRY CLEANERS</u>	Contract: _____		
CODE: <u>442028</u>	Case No.: _____	SAS No.: _____	SDG No.: _____
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>496-221-03</u>		
Sample wt/vol: <u>5.0</u> (g/ml) <u>ML</u>	Lab File ID: <u>9604B32A.D</u>		
Level: (low/med) <u>LOW</u>	Date Received: <u>08/08/96</u>		
% Moisture: not dec.	Date Analyzed: <u>08/12/96</u>		
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>		
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)		

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	1,4-dichlorobenzene	5	U
	1,2-dichlorobenzene	5	U
	1,2,4-trichlorobenzene	5	U
	1,2,3-trichlorobenzene	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

MW-2S

SITE: VALLEY FALLS DRY CLEANERS Contract: _____
CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: 496-221-03
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9604B32A.D
Level: (low/med) LOW Date Received: 08/08/96
% Moisture: not dec. _____ Date Analyzed: 08/12/96
GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-2S

SITE: <u>VALLEY FALLS DRY CLEANERS</u>	Contract: _____		
CODE: <u>442028</u>	Case No.: _____	SAS No.: _____	SDG No.: _____
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>496-221-03DL</u>		
Sample wt/vol: <u>5.0</u> (g/ml) <u>ML</u>	Lab File ID: <u>9604B45A.D</u>		
Level: (low/med) <u>LOW</u>	Date Received: <u>08/08/96</u>		
% Moisture: not dec.	Date Analyzed: <u>08/13/96</u>		
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>2.0</u>		
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)		

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	v vinyl chloride	10	U	
	bromomethane	10	U	
	c chloroethane	10	U	
	t trichlorofluoromethane	10	U	
	a acetone	10	U	
	1,1-dichloroethene	10	U	
	c carbon disulfide	10	U	
	m methylene chloride	10	U	
	t trans-1,2-dichloroethene	10	U	
	1,1-dichloroethane	10	U	
	v vinyl acetate	10	U	
	2-butanol	10	U	
	c cis-1,2-dichloroethene	52	D	
	c chloroform	10	U	
	1,1,1-trichloroethane	10	U	
	c carbon tetrachloride	10	U	
	1,2-dichloroethane	10	U	
	b benzene	10	U	
	t trichloroethene	26	D	
	1,2-dichloropropane	10	U	
	b bromodichloromethane	10	U	
	4-methyl-2-pentanone	10	U	
	c cis-1,3-dichloropropene	10	U	
	t toluene	10	U	
	t trans-1,3-dichloropropene	10	U	
	1,1,2-trichloroethane	10	U	
	2-hexanone	10	U	
	t tetrachloroethene	230	D	
	d dibromochloromethane	10	U	
	c chlorobenzene	10	U	
	e ethylbenzene	10	U	
	m,p-xylenes	10	U	
	o-o-xylene	10	U	
	s styrene	10	U	
	f bromoform	10	U	
	1,1,2,2-tetrachloroethane	10	U	
	2-chlorotoluene	10	U	
	4-chlorotoluene	10	U	
	1,3-dichlorobenzene	10	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-2S

SITE: <u>VALLEY FALLS DRY CLEANERS</u>	Contract: _____		
CODE: <u>442028</u>	Case No.: _____	SAS No.: _____	SDG No.: _____
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>496-221-03DL</u>		
Sample wt/vol: <u>5.0</u> (g/ml) <u>ML</u>	Lab File ID: <u>9604B45A.D</u>		
Level: (low/med) <u>LOW</u>	Date Received: <u>08/08/96</u>		
% Moisture: not dec.	Date Analyzed: <u>08/13/96</u>		
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>2.0</u>		
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)		

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	1,4-dichlorobenzene	10	U
	1,2-dichlorobenzene	10	U
	1,2,4-trichlorobenzene	10	U
	1,2,3-trichlorobenzene	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

MW-2S

SITE:	<u>VALLEY FALLS DRY CLEANERS</u>	Contract:	
CODE:	<u>442028</u>	Case No.:	<u>SAS No.: SDG No.:</u>
Matrix: (soil/water)	<u>WATER</u>	Lab Sample ID:	<u>496-221-03DL</u>
Sample wt/vol:	<u>5.0</u> (g/ml) <u>ML</u>	Lab File ID:	<u>9604B45A.D</u>
Level: (low/med)	<u>LOW</u>	Date Received:	<u>08/08/96</u>
% Moisture: not dec.		Date Analyzed:	<u>08/13/96</u>
GC Column:	<u>ID: (mm)</u>	Dilution Factor:	<u>2.0</u>
Soil Extract Volume:	<u>(uL)</u>	Soil Aliquot Volume:	<u>(uL)</u>

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-2D

SITE: <u>VALLEY FALLS DRY CLEANERS</u>	Contract: _____		
CODE: <u>442028</u>	Case No.: _____	SAS No.: _____	SDG No.: _____
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>496-221-04</u>		
Sample wt/vol: <u>5.0</u> (g/ml) <u>ML</u>	Lab File ID: <u>9604B33A.D</u>		
Level: (low/med) <u>LOW</u>	Date Received: <u>08/08/96</u>		
% Moisture: not dec.	Date Analyzed: <u>08/12/96</u>		
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>		
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)		

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	v vinyl chloride	5	U	
	bromomethane	5	U	
	chloroethane	5	U	
	trichlorofluoromethane	5	U	
	acetone	5	U	
	1,1-dichloroethene	5	U	
	carbon disulfide	5	U	
	methylene chloride	5	U	
	trans-1,2-dichloroethene	5	U	
	1,1-dichloroethane	5	U	
	vinyl acetate	5	U	
	2-butanone	5	U	
	cis-1,2-dichloroethene	5	U	
	chloroform	5	U	
	1,1,1-trichloroethane	5	U	
	carbon tetrachloride	5	U	
	1,2-dichloroethane	5	U	
	benzene	5	U	
	trichloroethene	5	U	
	1,2-dichloropropane	5	U	
	bromodichloromethane	5	U	
	4-methyl-2-pentanone	5	U	
	cis-1,3-dichloropropene	5	U	
	toluene	5	U	
	trans-1,3-dichloropropene	5	U	
	1,1,2-trichloroethane	5	U	
	2-hexanone	5	U	
	tetrachloroethene	5	U	
	dibromochloromethane	5	U	
	chlorobenzene	5	U	
	ethylbenzene	5	U	
	m,p-xylenes	5	U	
	o-xylene	5	U	
	styrene	5	U	
	bromoform	5	U	
	1,1,2,2-tetrachloroethane	5	U	
	2-chlorotoluene	5	U	
	4-chlorotoluene	5	U	
	1,3-dichlorobenzene	5	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-2D

SITE: <u>VALLEY FALLS DRY CLEANERS</u>	Contract: _____		
CODE: <u>442028</u>	Case No.: _____	SAS No.: _____	SDG No.: _____
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>496-221-04</u>		
Sample wt/vol: <u>5.0</u> (g/ml) <u>ML</u>	Lab File ID: <u>9604B33A.D</u>		
Level: (low/med) <u>LOW</u>	Date Received: <u>08/08/96</u>		
% Moisture: not dec.	Date Analyzed: <u>08/12/96</u>		
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>		
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)		

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	1,4-dichlorobenzene	5	U
	1,2-dichlorobenzene	5	U
	1,2,4-trichlorobenzene	5	U
	1,2,3-trichlorobenzene	5	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

MW-2D

SITE:	<u>VALLEY FALLS DRY CLEANERS</u>		Contract:	
CODE:	<u>442028</u>	Case No.:	SAS No.:	SDG No.:
Matrix: (soil/water)	<u>WATER</u>		Lab Sample ID:	<u>496-221-04</u>
Sample wt/vol:	<u>5.0</u>	(g/ml)	Lab File ID:	<u>9604B33A.D</u>
Level: (low/med)	<u>LOW</u>		Date Received:	<u>08/08/96</u>
% Moisture: not dec.			Date Analyzed:	<u>08/12/96</u>
GC Column:	ID:	(mm)	Dilution Factor:	<u>1.0</u>
Soil Extract Volume:	_____(uL)		Soil Aliquot Volume:	<u> </u> (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-3D

SITE: <u>VALLEY FALLS DRY CLEANERS</u>	Contract: _____
CODE: <u>442028</u>	Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>496-221-05</u>
Sample wt/vol: <u>5.0</u> (g/ml) <u>ML</u>	Lab File ID: <u>9604B35A.D</u>
Level: (low/med) <u>LOW</u>	Date Received: <u>08/08/96</u>
% Moisture: not dec.	Date Analyzed: <u>08/12/96</u>
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	v vinyl chloride	5	U	
	bromomethane	5	U	
	chloroethane	5	U	
	trichlorofluoromethane	5	U	
	acetone	5	U	
	1,1-dichloroethene	5	U	
	carbon disulfide	5	U	
	methylene chloride	5	U	
	trans-1,2-dichloroethene	5	U	
	1,1-dichloroethane	5	U	
	vinyl acetate	5	U	
	2-butanone	5	U	
	cis-1,2-dichloroethene	5	U	
	chloroform	5	U	
	1,1,1-trichloroethane	5	U	
	carbon tetrachloride	—	5	U
	1,2-dichloroethane	5	U	
	benzene	0	J	
	trichloroethene	5	U	
	1,2-dichloropropane	5	U	
	bromodichloromethane	5	U	
	4-methyl-2-pentanone	5	U	
	cis-1,3-dichloropropene	5	U	
	toluene	5	U	
	trans-1,3-dichloropropene	5	U	
	1,1,2-trichloroethane	5	U	
	2-hexanone	5	U	
	tetrachloroethene	5	U	
	dibromochloromethane	5	U	
	chlorobenzene	5	U	
	ethylbenzene	5	U	
	m,p-xylenes	5	U	
	o-xylene	5	U	
	styrene	5	U	
	bromoform	5	U	
	1,1,2,2-tetrachloroethane	5	U	
	2-chlorotoluene	5	U	
	4-chlorotoluene	5	U	
	1,3-dichlorobenzene	5	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-3D

SITE:	<u>VALLEY FALLS DRY CLEANERS</u>	Contract:	<u> </u>
CODE:	<u>442028</u>	Case No.:	<u> </u>
Matrix: (soil/water)	<u>WATER</u>	Lab Sample ID:	<u>496-221-05</u>
Sample wt/vol:	<u>5.0</u> (g/ml)	Lab File ID:	<u>9604B35A.D</u>
Level: (low/med)	<u>LOW</u>	Date Received:	<u>08/08/96</u>
% Moisture: not dec.	<u> </u>	Date Analyzed:	<u>08/12/96</u>
GC Column:	<u> </u>	Dilution Factor:	<u>1.0</u>
Soil Extract Volume:	<u> </u> (uL)	Soil Aliquot Volume:	<u> </u> (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	1,4-dichlorobenzene	5	U
	1,2-dichlorobenzene	5	U
	1,2,4-trichlorobenzene	5	U
	1,2,3-trichlorobenzene	5	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

MW-3D

SITE:	<u>VALLEY FALLS DRY CLEANERS</u>	Contract:	<u> </u>
CODE:	<u>442028</u>	Case No.:	<u> </u>
Matrix: (soil/water)	<u>WATER</u>	Lab Sample ID:	<u>496-221-05</u>
Sample wt/vol:	<u>5.0</u> (g/ml)	Lab File ID:	<u>9604B35A.D</u>
Level: (low/med)	<u>LOW</u>	Date Received:	<u>08/08/96</u>
% Moisture: not dec.	<u> </u>	Date Analyzed:	<u>08/12/96</u>
GC Column:	<u> </u>	Dilution Factor:	<u>1.0</u>
Soil Extract Volume:	<u> </u> (uL)	Soil Aliquot Volume:	<u> </u> (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-4S

SITE: <u>VALLEY FALLS DRY CLEANERS</u>	Contract: _____
CODE: <u>442028</u>	Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>496-221-06</u>
Sample wt/vol: <u>5.0</u> (g/ml) <u>ML</u>	Lab File ID: <u>9604B36A.D</u>
Level: (low/med) <u>LOW</u>	Date Received: <u>08/08/96</u>
% Moisture: not dec.	Date Analyzed: <u>08/12/96</u>
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	vinyl chloride	5	U	
	bromomethane	5	U	
	chloroethane	5	U	
	trichlorofluoromethane	5	U	
	acetone	5	U	
	1,1-dichloroethene	5	U	
	carbon disulfide	5	U	
	methylene chloride	5	U	
	trans-1,2-dichloroethene	5	U	
	1,1-dichloroethane	5	U	
	vinyl acetate	5	U	
	2-butanone	5	U	
	cis-1,2-dichloroethene	3	J	
	chloroform	5	U	
	1,1,1-trichloroethane	5	U	
	carbon tetrachloride	5	U	
	1,2-dichloroethane	5	U	
	benzene	5	U	
	trichloroethene	3	J	
	1,2-dichloropropane	5	U	
	bromodichloromethane	5	U	
	4-methyl-2-pentanone	5	U	
	cis-1,3-dichloropropene	5	U	
	toluene	5	U	
	trans-1,3-dichloropropene	5	U	
	1,1,2-trichloroethane	5	U	
	2-hexanone	5	U	
	tetrachloroethene	97		
	dibromochloromethane	5	U	
	chlorobenzene	5	U	
	ethylbenzene	5	U	
	m,p-xylenes	5	U	
	o-xylene	5	U	
	styrene	5	U	
	bromoform	5	U	
	1,1,2,2-tetrachloroethane	5	U	
	2-chlorotoluene	5	U	
	4-chlorotoluene	5	U	
	1,3-dichlorobenzene	5	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-4S

SITE: VALLEY FALLS DRY CLEANERS Contract: _____
CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: 496-221-06
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9604B36A.D
Level: (low/med) LOW Date Received: 08/08/96
% Moisture: not dec. Date Analyzed: 08/12/96
GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	1,4-dichlorobenzene	5	U
	1,2-dichlorobenzene	5	U
	1,2,4-trichlorobenzene	5	U
	1,2,3-trichlorobenzene	5	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

MW-4S

SITE:	<u>VALLEY FALLS DRY CLEANERS</u>	Contract:	<u> </u>
CODE:	<u>442028</u>	Case No.:	<u> </u>
Matrix: (soil/water)	<u>WATER</u>	Lab Sample ID:	<u>496-221-06</u>
Sample wt/vol:	<u>5.0</u> (g/ml)	Lab File ID:	<u>9604B36A.D</u>
Level: (low/med)	<u>LOW</u>	Date Received:	<u>08/08/96</u>
% Moisture: not dec.	<u> </u>	Date Analyzed:	<u>08/12/96</u>
GC Column:	<u> </u> ID: <u> </u> (mm)	Dilution Factor:	<u>1.0</u>
Soil Extract Volume:	<u> </u> (uL)	Soil Aliquot Volume:	<u> </u> (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-4D

SITE: <u>VALLEY FALLS DRY CLEANERS</u>	Contract: _____	SDG No.: _____
CODE: <u>442028</u>	Case No.: _____	SAS No.: _____
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>496-221-07</u>	
Sample wt/vol: <u>5.0</u> (g/ml) <u>ML</u>	Lab File ID: <u>9604B43A.D</u>	
Level: (low/med) <u>LOW</u>	Date Received: <u>08/08/96</u>	
% Moisture: not dec.	Date Analyzed: <u>08/13/96</u>	
GC Column: _____ ID: <u> </u> (mm)	Dilution Factor: <u>1.0</u>	
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)	

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	v vinyl chloride	5	U	
	bromomethane	5	U	
	chloroethane	5	U	
	trichlorofluoromethane	5	U	
	acetone	5	U	
	1,1-dichloroethene	5	U	
	carbon disulfide	5	U	
	methylene chloride	5	U	
	trans-1,2-dichloroethene	5	U	
	1,1-dichloroethane	5	U	
	vinyl acetate	5	U	
	2-butanone	5	U	
	cis-1,2-dichloroethene	5	U	
	chloroform	5	U	
	1,1,1-trichloroethane	5	U	
	carbon tetrachloride	5	U	
	1,2-dichloroethane	5	U	
	benzene	5	U	
	trichloroethene	5	U	
	1,2-dichloropropane	5	U	
	bromodichloromethane	5	U	
	4-methyl-2-pentanone	5	U	
	cis-1,3-dichloropropene	5	U	
	toluene	5	U	
	trans-1,3-dichloropropene	5	U	
	1,1,2-trichloroethane	5	U	
	2-hexanone	5	U	
	tetrachloroethene	2	J	
	dibromochloromethane	5	U	
	chlorobenzene	5	U	
	ethylbenzene	5	U	
	m,p-xylenes	5	U	
	o-xylene	5	U	
	styrene	5	U	
	bromoform	5	U	
	1,1,2,2-tetrachloroethane	5	U	
	2-chlorotoluene	5	U	
	4-chlorotoluene	5	U	
	1,3-dichlorobenzene	5	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

MW-4D

SITE: <u>VALLEY FALLS DRY CLEANERS</u>	Contract: _____		
CODE: <u>442028</u>	Case No.: _____	SAS No.: _____	SDG No.: _____
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>496-221-07</u>		
Sample wt/vol: <u>5.0</u> (g/ml) <u>ML</u>	Lab File ID: <u>9604B43A.D</u>		
Level: (low/med) <u>LOW</u>	Date Received: <u>08/08/96</u>		
% Moisture: not dec.	Date Analyzed: <u>08/13/96</u>		
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>		
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)		

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

	1,4-dichlorobenzene	5	U
	1,2-dichlorobenzene	5	U
	1,2,4-trichlorobenzene	5	U
	1,2,3-trichlorobenzene	5	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

MW-4D

SITE:	VALLEY FALLS DRY CLEANERS		Contract:	
CODE:	442028	Case No.:	SAS No.:	SDG No.:
Matrix: (soil/water)	WATER		Lab Sample ID: 496-221-07	
Sample wt/vol:	5.0	(g/ml)	ML	Lab File ID: 9604B43A.D
Level: (low/med)	LOW		Date Received: 08/08/96	
% Moisture: not dec.			Date Analyzed: 08/13/96	
GC Column:	ID:	(mm)	Dilution Factor: 1.0	
Soil Extract Volume:	(uL)		Soil Aliquot Volume: (uL)	

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

TRIP BLANK

SITE:	VALLEY FALLS DRY CLEANERS	Contract:	
CODE:	442028	Case No.:	SAS No.: SDG No.:
Matrix: (soil/water)	WATER	Lab Sample ID: 496-221-08	
Sample wt/vol:	5.0 (g/ml) ML	Lab File ID: 9604B34A.D	
Level: (low/med)	LOW	Date Received: 08/08/96	
% Moisture: not dec.		Date Analyzed: 08/12/96	
GC Column:	ID: (mm)	Dilution Factor: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot Volume: (uL)	

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
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	v vinyl chloride	5	U	
	bromomethane	5	U	
	chloroethane	5	U	
	trichlorofluoromethane	5	U	
	acetone	5	U	
	1,1-dichloroethene	5	U	
	carbon disulfide	5	U	
	methylene chloride	5	U	
	trans-1,2-dichloroethene	5	U	
	1,1-dichloroethane	5	U	
	vinyl acetate	5	U	
	2-butanone	5	U	
	cis-1,2-dichloroethene	5	U	
	chloroform	5	U	
	1,1,1-trichloroethane	5	U	
	carbon tetrachloride	5	U	
	1,2-dichloroethane	5	U	
	benzene	5	U	
	trichloroethene	5	U	
	1,2-dichloropropane	5	U	
	bromodichloromethane	5	U	
	4-methyl-2-pentanone	5	U	
	cis-1,3-dichloropropene	5	U	
	toluene	5	U	
	trans-1,3-dichloropropene	5	U	
	1,1,2-trichloroethane	5	U	
	2-hexanone	5	U	
	tetrachloroethene	5	U	
	dibromochloromethane	5	U	
	chlorobenzene	5	U	
	ethylbenzene	5	U	
	m,p-xylenes	5	U	
	o-xylene	5	U	
	styrene	5	U	
	bromoform	5	U	
	1,1,2,2-tetrachloroethane	5	U	
	2-chlorotoluene	5	U	
	4-chlorotoluene	5	U	
	1,3-dichlorobenzene	5	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

TRIP BLANK

SITE: VALLEY FALLS DRY CLEANERS Contract: _____
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) WATER Lab Sample ID: 496-221-08
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9604B34A.D
 Level: (low/med) LOW Date Received: 08/08/96
 % Moisture: not dec. _____ Date Analyzed: 08/12/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
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	1,4-dichlorobenzene	5	U
	1,2-dichlorobenzene	5	U
	1,2,4-trichlorobenzene	5	U
	1,2,3-trichlorobenzene	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

TRIP BLANK

SITE: VALLEY FALLS DRY CLEANERS Contract: _____
CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: 496-221-08
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 9604B34A.D
Level: (low/med) LOW Date Received: 08/08/96
% Moisture: not dec. _____ Date Analyzed: 08/12/96
GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

NYSDEC Analysis

Split Spoon Soil Samples
Supplemental Soil Borings

September, 1996

TO: Kathy Eastman
FROM: Fred Woodward
SUBJECT: Valley Falls Soil samples

Samples 496-263-17 and 18 were analyzed on an instrument that did not meet tuning criteria. Only one mass (75) was out of spec. This should not affect the data. All spectra were within acceptable limits. Also, for samples 496-263-13,14,15,16,17,18 and 19 only the unknowns which had a probability value of 90 or greater were reported. As always these unknowns were quantitated using a 1:1 response factor based on the nearest internal standard.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#1 6-8'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: 496-263-13
 Sample wt/vol: 1.5 (g/ml) G Lab File ID: 9603C61A.D
 Level: (low/med) LOW Date Received: 09/19/96
 % Moisture: not dec. 10 Date Analyzed: 09/24/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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	v vinyl chloride	19	U	
	bromomethane	19	U	
	chloroethane	19	U	
	trichlorofluoromethane	19	U	
	acetone	19	U	
	1,1-dichloroethene	19	U	
	carbon disulfide	19	U	
	methylene chloride	19	U	
	trans-1,2-dichloroethene	19	U	
	1,1-dichloroethane	19	U	
	vinyl acetate	19	U	
	2-butanone	19	U	
	cis-1,2-dichloroethene	19	U	
	chloroform	19	U	
	1,1,1-trichloroethane	19	U	
	carbon tetrachloride	19	U	
	1,2-dichloroethane	19	U	
	benzene	19	U	
	trichloroethene	19	U	
	1,2-dichloropropane	19	U	
	bromodichloromethane	19	U	
	4-methyl-2-pentanone	19	U	
	cis-1,3-dichloropropene	19	U	
	toluene	19	U	
	trans-1,3-dichloropropene	19	U	
	1,1,2-trichloroethane	19	U	
	2-hexanone	19	U	
	tetrachloroethene	150		
	dibromochloromethane	19	U	
	chlorobenzene	19	U	
	ethylbenzene	19	U	
	m,p-xylenes	19	U	
	o-xylene	19	U	
	styrene	19	U	
	bromoform	19	U	
	1,1,2,2-tetrachloroethane	19	U	
	2-chlorotoluene	19	U	
	4-chlorotoluene	19	U	
	1,3-dichlorobenzene	19	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#1 6-8'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____
CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) SOIL Lab Sample ID: 496-263-13
Sample wt/vol: 1.5 (g/ml) G Lab File ID: 9603C61A.D
Level: (low/med) LOW Date Received: 09/19/96
% Moisture: not dec. 10 Date Analyzed: 09/24/96
GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	1,4-dichlorobenzene	19	U
	1,2-dichlorobenzene	19	U
	1,2,4-trichlorobenzene	19	U
	1,2,3-trichlorobenzene	19	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

VFB#1 6-8'

SITE:	VALLEY FALLS DRYCLEANERS	Contract:	
CODE:	442028	Case No.:	SAS No.: SDG No.:
Matrix: (soil/water)	SOIL	Lab Sample ID: 496-263-13	
Sample wt/vol:	1.5	(g/ml) G	Lab File ID: 9603C61A.D
Level: (low/med)	LOW	Date Received: 09/19/96	
% Moisture: not dec.	10	Date Analyzed: 09/24/96	
GC Column:		ID: (mm)	Dilution Factor: 1.0
Soil Extract Volume:	1	(uL)	Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 019489-10-2	cis-1-Ethyl-3-methyl-cyclohexane	26.06	190	JN
2. 001678-92-8	Cyclohexane, propyl-	27.79	390	JN
3. 002958-76-1	Naphthalene, decahydro-2-methyl	34.20	400	JN

P
Pain
Sulfuric

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#2 6-8'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: 496-263-14DL
 Sample wt/vol: 4.0 (g/ml) G G Lab File ID: 9603C65A.D
 Level: (low/med) MED Date Received: 09/19/96
 % Moisture: not dec. 13 Date Analyzed: 09/25/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: 10 (uL) Soil Aliquot Volume: 0.05 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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	v vinyl chloride	1400	U	
	bromomethane	1400	U	
	chloroethane	1400	U	
	trichlorofluoromethane	1400	U	
	acetone	1400	U	
	1,1-dichloroethene	1400	U	
	carbon disulfide	1400	U	
	methylene chloride	1400	U	
	trans-1,2-dichloroethene	1400	U	
	1,1-dichloroethane	1400	U	
	vinyl acetate	1400	U	
	2-butanone	1400	U	
	cis-1,2-dichloroethene	1400	U	
	chloroform	1400	U	
	1,1,1-trichloroethane	1400	U	
	carbon tetrachloride	1400	U	
	1,2-dichloroethane	1400	U	
	benzene	1400	U	
	trichloroethene	1400	U	
	1,2-dichloropropane	1400	U	
	bromodichloromethane	1400	U	
	4-methyl-2-pentanone	1400	U	
	cis-1,3-dichloropropene	1400	U	
	toluene	1400	U	
	trans-1,3-dichloropropene	1400	U	
	1,1,2-trichloroethane	1400	U	
	2-hexanone	1400	U	
	tetrachloroethene	520	J	
	dibromochloromethane	1400	U	
	chlorobenzene	1400	U	
	ethylbenzene	1400	U	
	m,p-xylenes	1400	U	
	o-xylene	1400	U	
	styrene	1400	U	
	bromoform	1400	U	
	1,1,2,2-tetrachloroethane	1400	U	
	2-chlorotoluene	1400	U	
	4-chlorotoluene	1400	U	
	1,3-dichlorobenzene	1400	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#2 6-8'

SITE:	VALLEY FALLS DRYCLEANERS	Contract:	
CODE:	442028	Case No.:	SAS No.: SDG No.:
Matrix: (soil/water)	SOIL	Lab Sample ID: 496-263-14DL	
Sample wt/vol:	4.0	(g/ml)	G
Level: (low/med)	MED	Lab File ID: 9603C65A.D	
% Moisture: not dec.	13	Date Received: 09/19/96	
GC Column:		ID: (mm)	Date Analyzed: 09/25/96
Soil Extract Volume:	10	(uL)	Dilution Factor: 1.0
			Soil Aliquot Volume: 0.05 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	1,4-dichlorobenzene	1400	U
	1,2-dichlorobenzene	1400	U
	1,2,4-trichlorobenzene	1400	U
	1,2,3-trichlorobenzene	1400	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

VFB#2 6-8'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) : SOIL Lab Sample ID: 496-263-14DL
 Sample wt/vol: 4.0 (g/ml) G G Lab File ID: 9603C65A.D
 Level: (low/med) MED Date Received: 09/19/96
 % Moisture: not dec. 13 Date Analyzed: 09/25/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: 10 (uL) Soil Aliquot Volume: 0.05 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 003728-55-0	1-Ethyl-3-methylcyclohexane (c,t)	26.08	18000	JN
2. 001678-93-9	Cyclohexane, butyl-	31.10	41000	JN
3. 000493-02-7	Naphthalene, decahydro-, trans-	32.44	46000	JN
4. 002958-76-1	Naphthalene, decahydro-2-methyl	33.77	14000	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#2 8-10'

SITE: <u>VALLEY FALLS DRYCLEANERS</u>	Contract: _____
CODE: <u>442028</u>	Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) <u>SOIL</u>	Lab Sample ID: <u>496-263-15DL</u>
Sample wt/vol: <u>4.0</u> (g/ml) <u>G</u>	Lab File ID: <u>9603C66A.D</u>
Level: (low/med) <u>MED</u>	Date Received: <u>09/19/96</u>
% Moisture: not dec. <u>9</u>	Date Analyzed: <u>09/25/96</u>
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>
Soil Extract Volume: <u>10</u> (uL)	Soil Aliquot Volume: <u>0.05</u> (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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	v vinyl chloride	1400	U	
	bromomethane	1400	U	
	chloroethane	1400	U	
	trichlorofluoromethane	1400	U	
	acetone	1400	U	
	1,1-dichloroethene	1400	U	
	carbon disulfide	1400	U	
	methylene chloride	1400	U	
	trans-1,2-dichloroethene	1400	U	
	1,1-dichloroethane	1400	U	
	vinyl acetate	1400	U	
	2-butanone	1400	U	
	cis-1,2-dichloroethene	1400	U	
	chloroform	1400	U	
	1,1,1-trichloroethane	1400	U	
	carbon tetrachloride	1400	U	
	1,2-dichloroethane	1400	U	
	benzene	1400	U	
	trichloroethene	1400	U	
	1,2-dichloropropane	1400	U	
	bromodichloromethane	1400	U	
	4-methyl-2-pentanone	1400	U	
	cis-1,3-dichloropropene	1400	U	
	toluene	1400	U	
	trans-1,3-dichloropropene	1400	U	
	1,1,2-trichloroethane	1400	U	
	2-hexanone	1400	U	
	tetrachloroethene	17000		
	dibromochloromethane	1400	U	
	chlorobenzene	1400	U	
	ethylbenzene	1400	U	
	m,p-xylenes	1400	U	
	o-xylene	1400	U	
	styrene	1400	U	
	bromoform	1400	U	
	1,1,2,2-tetrachloroethane	1400	U	
	2-chlorotoluene	1400	U	
	4-chlorotoluene	1400	U	
	1,3-dichlorobenzene	1400	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#2 8-10'

SITE:	<u>VALLEY FALLS DRYCLEANERS</u>	Contract:	
CODE:	<u>442028</u>	Case No.:	<u> </u>
Matrix: (soil/water)	<u>SOIL</u>	Lab Sample ID:	<u>496-263-15DL</u>
Sample wt/vol:	<u>4.0</u> (g/ml) G	Lab File ID:	<u>9603C66A.D</u>
Level: (low/med)	<u>MED</u>	Date Received:	<u>09/19/96</u>
% Moisture: not dec.	<u>9</u>	Date Analyzed:	<u>09/25/96</u>
GC Column:	<u> </u> ID: <u> </u> (mm)	Dilution Factor:	<u>1.0</u>
Soil Extract Volume:	<u>10</u> (uL)	Soil Aliquot Volume:	<u>0.05</u> (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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	1,4-dichlorobenzene	1400	U
	1,2-dichlorobenzene	1400	U
	1,2,4-trichlorobenzene	1400	U
	1,2,3-trichlorobenzene	1400	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

VFB#2 8-10'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) : SOIL Lab Sample ID: 496-263-15DL
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: 9603C66A.D
 Level: (low/med) MED Date Received: 09/19/96
 % Moisture: not dec. 9 Date Analyzed: 09/25/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: 10 (uL) Soil Aliquot Volume: 0.05 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 003728-55-0	1-Ethyl-3-methylcyclohexane (c,t)	26.15	31000	JN
2. 001678-93-9	Cyclohexane, butyl-	31.14	36000	JN
3. 000493-02-7	Naphthalene, decahydro-, trans-	32.48	72000	JN
4. 000099-87-6	Benzene, 1-methyl-4-(1-methylethyl)	33.18	6700	JN
5. 002958-76-1	Naphthalene, decahydro-2-methyl	34.30	12000	JN

dimethyl ether

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#3 8-10'

SITE:	VALLEY FALLS DRYCLEANERS	Contract:	
CODE:	442028	Case No.:	SAS No.: SDG No.:
Matrix: (soil/water)	SOIL	Lab Sample ID:	496-263-16DL
Sample wt/vol:	4.0 (g/ml) G	Lab File ID:	9603C67A.D
Level: (low/med)	MED	Date Received:	09/19/96
% Moisture: not dec.	12	Date Analyzed:	09/25/96
GC Column:	ID: (mm)	Dilution Factor:	1.0
Soil Extract Volume:	10 (uL)	Soil Aliquot Volume:	0.05 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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	v vinyl chloride	1400	U	
	b bromomethane	1400	U	
	c chloroethane	1400	U	
	t trichlorofluoromethane	1400	U	
	a acetone	1400	U	
	1,1-dichloroethene	1400	U	
	carbon disulfide	1400	U	
	methylene chloride	1400	U	
	trans-1,2-dichloroethene	1400	U	
	1,1-dichloroethane	1400	U	
	v vinyl acetate	1400	U	
	2-butanol	1400	U	
	cis-1,2-dichloroethene	1400	U	
	chloroform	1400	U	
	1,1,1-trichloroethane	1400	U	
	carbon tetrachloride	1400	U	
	1,2-dichloroethane	1400	U	
	b benzene	1400	U	
	t trichloroethene	1400	U	
	1,2-dichloropropane	1400	U	
	b bromodichloromethane	1400	U	
	4-methyl-2-pentanone	1400	U	
	cis-1,3-dichloropropene	1400	U	
	t toluene	1400	U	
	trans-1,3-dichloropropene	1400	U	
	1,1,2-trichloroethane	1400	U	
	2-hexanone	1400	U	
	tetrachloroethene	22000		
	dibromochloromethane	1400	U	
	chlorobenzene	1400	U	
	e ethylbenzene	1400	U	
	m,p-xylenes	1400	U	
	o-xylene	1400	U	
	s styrene	1400	U	
	bromoform	1400	U	
	1,1,2,2-tetrachloroethane	1400	U	
	2-chlorotoluene	1400	U	
	4-chlorotoluene	1400	U	
	1,3-dichlorobenzene	1400	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#3 8-10'

SITE: <u>VALLEY FALLS DRYCLEANERS</u>	Contract: _____
CODE: <u>442028</u>	Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) <u>SOIL</u>	Lab Sample ID: <u>496-263-16DL</u>
Sample wt/vol: <u>4.0</u> (g/ml) <u>G</u>	Lab File ID: <u>9603C67A.D</u>
Level: (low/med) <u>MED</u>	Date Received: <u>09/19/96</u>
% Moisture: not dec. <u>12</u>	Date Analyzed: <u>09/25/96</u>
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>
Soil Extract Volume: <u>10</u> (uL)	Soil Aliquot Volume: <u>0.05</u> (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	1,4-dichlorobenzene	1400	U	
	1,2-dichlorobenzene	1400	U	
	1,2,4-trichlorobenzene	1400	U	
	1,2,3-trichlorobenzene	1400	U	

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

VFB#3 8-10'

SITE:	VALLEY FALLS DRYCLEANERS	Contract:	
CODE:	442028	Case No.:	SAS No.: SDG No.:
Matrix: (soil/water)	SOIL	Lab Sample ID: 496-263-16DL	
Sample wt/vol:	4.0	(g/ml)	G
Level: (low/med)	MED	Lab File ID: 9603C67A.D	
% Moisture: not dec.	12	Date Received: 09/19/96	
GC Column:		ID: (mm)	Date Analyzed: 09/25/96
Soil Extract Volume:	10	(uL)	Dilution Factor: 1.0
			Soil Aliquot Volume: 0.05 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 003728-55-0	1-Ethyl-3-methylcyclohexane (c,t)	26.14	26000	JN
2. 001678-93-9	Cyclohexane, butyl-	31.12	52000	JN
3. 000493-02-7	Naphthalene, decahydro-, trans-	32.45	57000	JN
4. 002958-76-1	Naphthalene, decahydro-2-methyl	34.28	9000	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#4 8-10'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: 496-263-17DL
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: 9603C71A.D
 Level: (low/med) MED Date Received: 09/19/96
 % Moisture: not dec. 10 Date Analyzed: 09/26/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: 10 (uL) Soil Aliquot Volume: 0.05 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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	v vinyl chloride	1400	U	
	bromomethane	1400	U	
	chloroethane	1400	U	
	trichlorofluoromethane	1400	U	
	acetone	1400	U	
	1,1-dichloroethene	1400	U	
	carbon disulfide	1400	U	
	methylene chloride	1400	U	
	trans-1,2-dichloroethene	1400	U	
	1,1-dichloroethane	1400	U	
	vinyl acetate	1400	U	
	2-butanone	1400	U	
	cis-1,2-dichloroethene	1400	U	
	chloroform	1400	U	
	1,1,1-trichloroethane	1400	U	
	carbon tetrachloride	1400	U	
	1,2-dichloroethane	1400	U	
	benzene	1400	U	
	trichloroethene	1400	U	
	1,2-dichloropropane	1400	U	
	bromodichloromethane	1400	U	
	4-methyl-2-pentanone	1400	U	
	cis-1,3-dichloropropene	1400	U	
	toluene	1400	U	
	trans-1,3-dichloropropene	1400	U	
	1,1,2-trichloroethane	1400	U	
	2-hexanone	1400	U	
	tetrachloroethene	2300		
	dibromochloromethane	1400	U	
	chlorobenzene	1400	U	
	ethylbenzene	1400	U	
	m,p-xylenes	1400	U	
	o-xylene	1400	U	
	styrene	1400	U	
	bromoform	1400	U	
	1,1,2,2-tetrachloroethane	1400	U	
	2-chlorotoluene	1400	U	
	4-chlorotoluene	1400	U	
	1,3-dichlorobenzene	1400	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#4 8-10'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____

CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 496-263-17DL

Sample wt/vol: 4.0 (g/ml) G Lab File ID: 9603C71A.D

Level: (low/med) MED Date Received: 09/19/96

% Moisture: not dec. 10 Date Analyzed: 09/26/96

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0

Soil Extract Volume: 10 (uL) Soil Aliquot Volume: 0.05 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	1,4-dichlorobenzene	1400	U
	1,2-dichlorobenzene	1400	U
	1,2,4-trichlorobenzene	1400	U
	1,2,3-trichlorobenzene	1400	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

VFB#4 8-10'

SITE:	VALLEY FALLS DRYCLEANERS	Contract:	
CODE:	442028	Case No.:	SAS No.: SDG No.:
Matrix: (soil/water)	SOIL	Lab Sample ID: 496-263-17DL	
Sample wt/vol:	4.0	(g/ml)	G
Level: (low/med)	MED	Lab File ID: 9603C71.A.D	
% Moisture: not dec.	10	Date Received: 09/19/96	
GC Column:		ID:	(mm)
Soil Extract Volume:	10	(uL)	Dilution Factor: 1.0
			Soil Aliquot Volume: 0.05 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 006236-88-0	Cyclohexane, 1-ethyl-4-methyl-, tr	25.69	11000	JN
2. 005911-04-6	Nonane, 3-methyl-	26.73	13000	JN
3. 000696-29-7	Cyclohexane, (1-methylethyl)-	27.45	19000	JN
4. 000493-02-7	Naphthalene, decahydro-, trans-	32.06	45000	JN
5. 002958-76-1	Naphthalene, decahydro-2-methyl	33.91	8100	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#5 8-10'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: 496-263-18DL
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: 9603C73A.D
 Level: (low/med) MED Date Received: 09/19/96
 % Moisture: not dec. 14 Date Analyzed: 09/26/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: 10 (uL) Soil Aliquot Volume: 0.001 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	v vinyl chloride	73000	U	
	bromomethane	73000	U	
	chloroethane	73000	U	
	trichlorofluoromethane	73000	U	
	acetone	73000	U	
	1,1-dichloroethene	73000	U	
	carbon disulfide	73000	U	
	methylene chloride	73000	U	
	trans-1,2-dichloroethene	73000	U	
	1,1-dichloroethane	73000	U	
	vinyl acetate	73000	U	
	2-butanone	73000	U	
	cis-1,2-dichloroethene	73000	U	
	chloroform	73000	U	
	1,1,1-trichloroethane	73000	U	
	carbon tetrachloride	73000	U	
	1,2-dichloroethane	73000	U	
	benzene	73000	U	
	trichloroethene	73000	U	
	1,2-dichloropropane	73000	U	
	bromodichloromethane	73000	U	
	4-methyl-2-pentanone	73000	U	
	cis-1,3-dichloropropene	73000	U	
	toluene	73000	U	
	trans-1,3-dichloropropene	73000	U	
	1,1,2-trichloroethane	73000	U	
	2-hexanone	73000	U	
	tetrachloroethene	170000		
	dibromochloromethane	73000	U	
	chlorobenzene	73000	U	
	ethylbenzene	73000	U	
	m,p-xylenes	73000	U	
	o-xylene	73000	U	
	styrene	73000	U	
	bromoform	73000	U	
	1,1,2,2-tetrachloroethane	73000	U	
	2-chlorotoluene	73000	U	
	4-chlorotoluene	73000	U	
	1,3-dichlorobenzene	73000	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#5 8-10'

SITE: <u>VALLEY FALLS DRYCLEANERS</u>	Contract: _____
CODE: <u>442028</u>	Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) <u>SOIL</u>	Lab Sample ID: <u>496-263-18DL</u>
Sample wt/vol: <u>4.0</u> (g/ml) <u>G</u>	Lab File ID: <u>9603C73A.D</u>
Level: (low/med) <u>MED</u>	Date Received: <u>09/19/96</u>
% Moisture: not dec. <u>14</u>	Date Analyzed: <u>09/26/96</u>
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>
Soil Extract Volume: <u>10</u> (uL)	Soil Aliquot Volume: <u>0.001</u> (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	1,4-dichlorobenzene	73000	U
	1,2-dichlorobenzene	73000	U
	1,2,4-trichlorobenzene	73000	U
	1,2,3-trichlorobenzene	73000	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

VFB#5 8-10'

SITE: <u>VALLEY FALLS DRYCLEANERS</u>	Contract: _____
CODE: <u>442028</u>	Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) <u>SOIL</u>	Lab Sample ID: <u>496-263-18DL</u>
Sample wt/vol: <u>4.0</u> (g/ml) <u>G</u>	Lab File ID: <u>9603C73A.D</u>
Level: (low/med) <u>MED</u>	Date Received: <u>09/19/96</u>
% Moisture: not dec. <u>14</u>	Date Analyzed: <u>09/26/96</u>
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>
Soil Extract Volume: <u>10</u> (μ L)	Soil Aliquot Volume: <u>0.001</u> (μ L)

CONCENTRATION UNITS:

(μ g/L or μ g/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 002847-72-5	Decane, 4-methyl-	29.75	530000	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#6 8-10'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: 496-263-19
 Sample wt/vol: 1.6 (g/ml) G Lab File ID: 9603C59A.D
 Level: (low/med) LOW Date Received: 09/19/96
 % Moisture: not dec. 11 Date Analyzed: 09/24/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	v vinyl chloride	18	U	
	b bromomethane	18	U	
	c chloroethane	18	U	
	t trichlorofluoromethane	18	U	
	a acetone	18	U	
	1,1-dichloroethene	18	U	
	carbon disulfide	18	U	
	methylene chloride	18	U	
	trans-1,2-dichloroethene	18	U	
	1,1-dichloroethane	18	U	
	v vinyl acetate	18	U	
	2-butanol	18	U	
	cis-1,2-dichloroethene	18	U	
	chloroform	18	U	
	1,1,1-trichloroethane	18	U	
	carbon tetrachloride	18	U	
	1,2-dichloroethane	18	U	
	b benzene	18	U	
	t trichloroethene	18	U	
	1,2-dichloropropane	18	U	
	b bromodichloromethane	18	U	
	4-methyl-2-pentanone	18	U	
	cis-1,3-dichloropropene	18	U	
	t toluene	60		
	trans-1,3-dichloropropene	18	U	
	1,1,2-trichloroethane	18	U	
	2-hexanone	18	U	
	tetrachloroethene	5600	E	
	d dibromochloromethane	18	U	
	chlorobenzene	18	U	
	e ethylbenzene	18	U	
	m,p-xylenes	18	U	
	o-xylene	18	U	
	s styrene	18	U	
	bromoform	18	U	
	1,1,2,2-tetrachloroethane	18	U	
	2-chlorotoluene	18	U	
	4-chlorotoluene	18	U	
	1,3-dichlorobenzene	18	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#6 8-10'

SITE: <u>VALLEY FALLS DRYCLEANERS</u>	Contract: _____
CODE: <u>442028</u>	Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) <u>SOIL</u>	Lab Sample ID: <u>496-263-19</u>
Sample wt/vol: <u>1.6</u> (g/ml) <u>G</u>	Lab File ID: <u>9603C59A.D</u>
Level: (low/med) <u>LOW</u>	Date Received: <u>09/19/96</u>
% Moisture: not dec. <u>11</u>	Date Analyzed: <u>09/24/96</u>
GC Column: _____ ID: _____ (mm)	Dilution Factor: <u>1.0</u>
Soil Extract Volume: _____ (uL)	Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	1,4-dichlorobenzene	18	U
	1,2-dichlorobenzene	18	U
	1,2,4-trichlorobenzene	18	U
	1,2,3-trichlorobenzene	18	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

VFB#6 8-10'

SITE:	VALLEY FALLS DRYCLEANERS	Contract:	
CODE:	442028	Case No.:	SAS No.: SDG No.:
Matrix: (soil/water)	SOIL	Lab Sample ID:	496-263-19
Sample wt/vol:	1.6 (g/ml)	Lab File ID:	9603C59A.D
Level: (low/med)	LOW	Date Received:	09/19/96
% Moisture: not dec.	11	Date Analyzed:	09/24/96
GC Column:	ID: (mm)	Dilution Factor:	1.0
Soil Extract Volume:	1 (uL)	Soil Aliquot Volume:	1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 003221-61-2	Octane, 2-methyl-	22.40	180	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

SITE: VALLEY FALLS DRYCLEANERS Contract: _____ VFB#7 8-10
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: 496-263-20
 Sample wt/vol: 1.6 (g/ml) G Lab File ID: 9603C55A.D
 Level: (low/med) LOW Date Received: 09/19/96
 % Moisture: not dec. 13 Date Analyzed: 09/23/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
	vinyl chloride	18	U	
	bromomethane	18	U	
	chloroethane	18	U	
	trichlorofluoromethane	18	U	
	acetone	18	U	
	1,1-dichloroethene	18	U	
	carbon disulfide	18	U	
	methylene chloride	18	U	
	trans-1,2-dichloroethene	18	U	
	1,1-dichloroethane	18	U	
	vinyl acetate	18	U	
	2-butanone	18	U	
	cis-1,2-dichloroethene	18	U	
	chloroform	18	U	
	1,1,1-trichloroethane	18	U	
	carbon tetrachloride	18	U	
	1,2-dichloroethane	18	U	
	benzene	18	U	
	trichloroethene	18	U	
	1,2-dichloropropane	18	U	
	bromodichloromethane	18	U	
	4-methyl-2-pentanone	18	U	
	cis-1,3-dichloropropene	18	U	
	toluene	18	U	
	trans-1,3-dichloropropene	18	U	
	1,1,2-trichloroethane	18	U	
	2-hexanone	18	U	
	tetrachloroethene	150		
	dibromochloromethane	18	U	
	chlorobenzene	18	U	
	ethylbenzene	18	U	
	m,p-xylenes	18	U	
	o-xylene	18	U	
	styrene	18	U	
	bromoform	18	U	
	1,1,2,2-tetrachloroethane	18	U	
	2-chlorotoluene	18	U	
	4-chlorotoluene	18	U	
	1,3-dichlorobenzene	18	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#7 8-10'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____

CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 496-263-20

Sample wt/vol: 1.6 (g/ml) G Lab File ID: 9603C55A.D

Level: (low/med) LOW Date Received: 09/19/96

% Moisture: not dec. 13 Date Analyzed: 09/23/96

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	1,4-dichlorobenzene	18	U
	1,2-dichlorobenzene	18	U
	1,2,4-trichlorobenzene	18	U
	1,2,3-trichlorobenzene	18	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

VFB#7 8-10'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____
CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) : SOIL Lab Sample ID: 496-263-20
Sample wt/vol: 1.6 (g/ml) G Lab File ID: 9603C55A.D
Level: (low/med) LOW Date Received: 09/19/96
% Moisture: not dec. 13 Date Analyzed: 09/23/96
GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#8 8-10'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: 496-263-21
 Sample wt/vol: 1.5 (g/ml) G Lab File ID: 9603C51A.D
 Level: (low/med) LOW Date Received: 09/19/96
 % Moisture: not dec. 10 Date Analyzed: 09/19/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	v vinyl chloride	18	U	
	b bromomethane	18	U	
	c chloroethane	18	U	
	t trichlorofluoromethane	18	U	
	a acetone	18	U	
	1,1-dichloroethene	18	U	
	carbon disulfide	18	U	
	methylene chloride	18	U	
	trans-1,2-dichloroethene	18	U	
	1,1-dichloroethane	18	U	
	v vinyl acetate	18	U	
	2-butanol	18	U	
	cis-1,2-dichloroethene	18	U	
	chloroform	18	U	
	1,1,1-trichloroethane	18	U	
	carbon tetrachloride	18	U	
	1,2-dichloroethane	18	U	
	b benzene	18	U	
	t trichloroethene	18	U	
	1,2-dichloropropane	18	U	
	bromodichloromethane	18	U	
	4-methyl-2-pentanone	18	U	
	cis-1,3-dichloropropene	18	U	
	toluene	9	J	
	trans-1,3-dichloropropene	18	U	
	1,1,2-trichloroethane	18	U	
	2-hexanone	18	U	
	tetrachloroethene	180	U	
	dibromochloromethane	18	U	
	chlorobenzene	18	U	
	ethylbenzene	18	U	
	m,p-xylenes	18	U	
	o-xylene	18	U	
	styrene	18	U	
	bromoform	18	U	
	1,1,2,2-tetrachloroethane	18	U	
	2-chlorotoluene	18	U	
	4-chlorotoluene	18	U	
	1,3-dichlorobenzene	18	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#8 8-10'

SITE: VALLEY FALLS DRYCLEANERS Contract: _____

CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 496-263-21

Sample wt/vol: 1.5 (g/ml) G Lab File ID: 9603C51A.D

Level: (low/med) LOW Date Received: 09/19/96

% Moisture: not dec. 10 Date Analyzed: 09/19/96

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	1,4-dichlorobenzene	18	U
	1,2-dichlorobenzene	18	U
	1,2,4-trichlorobenzene	18	U
	1,2,3-trichlorobenzene	18	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

VFB#8 8-10'

SITE:	<u>VALLEY FALLS DRYCLEANERS</u>	Contract:	
CODE:	<u>442028</u>	Case No.:	<u>SAS No.: SDG No.:</u>
Matrix: (soil/water)	<u>SOIL</u>	Lab Sample ID:	<u>496-263-21</u>
Sample wt/vol:	<u>1.5</u> (g/ml) <u>G</u>	Lab File ID:	<u>9603C51A.D</u>
Level: (low/med)	<u>LOW</u>	Date Received:	<u>09/19/96</u>
% Moisture: not dec.	<u>10</u>	Date Analyzed:	<u>09/19/96</u>
GC Column:	<u>ID: (mm)</u>	Dilution Factor:	<u>1.0</u>
Soil Extract Volume:	<u>1 (uL)</u>	Soil Aliquot Volume:	<u>1 (uL)</u>

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#9 8-10'

SITE:	VALLEY FALLS DRYCLEANERS	Contract:	
CODE:	442028	Case No.:	SAS No.: SDG No.:
Matrix: (soil/water)	SOIL	Lab Sample ID:	496-263-22
Sample wt/vol:	1.5 (g/ml) G	Lab File ID:	9603C50A.D
Level: (low/med)	LOW	Date Received:	09/19/96
% Moisture: not dec.	12	Date Analyzed:	09/19/96
GC Column:	ID: (mm)	Dilution Factor:	1.0
Soil Extract Volume:	(uL)	Soil Aliquot Volume:	(uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	v vinyl chloride	19	U	
	bromomethane	19	U	
	chloroethane	19	U	
	trichlorofluoromethane	19	U	
	acetone	19	U	
	1,1-dichloroethene	19	U	
	carbon disulfide	19	U	
	methylene chloride	19	U	
	trans-1,2-dichloroethene	19	U	
	1,1-dichloroethane	19	U	
	vinyl acetate	19	U	
	2-butanone	19	U	
	cis-1,2-dichloroethene	26		
	chloroform	19	U	
	1,1,1-trichloroethane	19	U	
	carbon tetrachloride	19	U	
	1,2-dichloroethane	19	U	
	benzene	19	U	
	trichloroethene	8	J	
	1,2-dichloropropane	19	U	
	bromodichloromethane	19	U	
	4-methyl-2-pentanone	19	U	
	cis-1,3-dichloropropene	19	U	
	toluene	19	U	
	trans-1,3-dichloropropene	19	U	
	1,1,2-trichloroethane	19	U	
	2-hexanone	19	U	
	tetrachloroethene	50		
	dibromochloromethane	19	U	
	chlorobenzene	19	U	
	ethylbenzene	19	U	
	m,p-xylenes	19	U	
	o-xylene	19	U	
	styrene	19	U	
	bromoform	19	U	
	1,1,2,2-tetrachloroethane	19	U	
	2-chlorotoluene	19	U	
	4-chlorotoluene	19	U	
	1,3-dichlorobenzene	19	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID:

VFB#9 8-10'

SITE: VALLEY FALLS DRYCLEANERS Contract _____
 CODE: 442028 Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: 496-263-22
 Sample wt/vol: 1.5 (g/ml) G Lab File ID: 9603C50A.D
 Level: (low/med) LOW Date Received: 09/19/96
 % Moisture: not dec. 12 Date Analyzed: 09/19/96
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

	1,4-dichlorobenzene	19	U
	1,2-dichlorobenzene	19	U
	1,2,4-trichlorobenzene	19	U
	1,2,3-trichlorobenzene	19	U

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID:

VFB#9 8-10*

SITE:	VALLEY FALLS DRYCLEANERS	Contract:	
CODE:	442028	Case No.:	SAS No.: SDG No.:
Matrix: (soil/water)	SOIL	Lab Sample ID: 496-263-22	
Sample wt/vol:	1.5 (g/ml)	G	Lab File ID: 9603C50A.D
Level: (low/med)	LOW	Date Received: 09/19/96	
% Moisture: not dec.	12	Date Analyzed: 09/19/96	
GC Column:	ID: (mm)	Dilution Factor: 1.0	
Soil Extract Volume:	1 (uL)	Soil Aliquot Volume: 1 (uL)	

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

NEW YORK STATE DEPARTMENT of ENVIRONMENTAL CONSERVATION**DIVISION of ENVIRONMENTAL REMEDIATION****SITE: VALLEY FALLS DRY CLEANERS**SITE CODE: **442028** T&A CODE: **B372**FIELD ID: **MW-2S** REC'D: **8/8/96** DIGESTED: **8/9/96**LAB ID: **49622103** ANAL: **8/12/96** REPORTED: **8/16/96**MATRIX: **AQUEOUS** % SOLID: **NA**

	<u>ug/L</u>		<u>ug/L</u>
Aluminum	5,000	Magnesium	10,000B
Antimony	60U	Manganese	750
Arsenic	10U	Mercury	0.2U
Barium	550	Nickel	40U
Beryllium	5U	Potassium	3,000
Cadmium	5U	Selenium	5U
Calcium	19,000B	Silver	10U
Chromium	10J	Sodium	10,000
Cobalt	50U	Titanium	10J
Copper	60	Thallium	40
Iron	2,200	Vanadium	50U
Lead	110	Zinc	150

COMMENTS: HARDNESS (calc.) 88.6 mg.equivalent CaCO₃/L

NEW YORK STATE DEPARTMENT of ENVIRONMENTAL CONSERVATION

DIVISION of ENVIRONMENTAL REMEDIATION

SITE: VALLEY FALLS DRY CLEANERS

SITE CODE: 442028 T&A CODE: B372

FIELD ID: MW-4S REC'D: 8/8/96 DIGESTED: 8/9/96

LAB ID: 49622106 ANAL: 8/12/96 REPORTED: 8/16/96

MATRIX: AQUEOUS % SOLID: NA

	<u>ug/L</u>		<u>ug/L</u>
Aluminum	850	Magnesium	4,000B
Antimony	60U	Manganese	1,700
Arsenic	10U	Mercury	0.2U
Barium	110	Nickel	40U
Beryllium	5U	Potassium	3,700
Cadmium	5U	Selenium	5U
Calcium	16,000B	Silver	10U
Chromium	10U	Sodium	11,000
Cobalt	50U	Titanium	10U
Copper	25U	Thallium	10U
Iron	1,900	Vanadium	50U
Lead	10	Zinc	20U

COMMENTS: HARDNESS (calc.) 56.4mg. equivalents CaCO3/L

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9681087 SAMPLE RECEIVED: 96/08/08/ CHARGE: 7.37
PROGRAM: 6500:DIV. HAZARDOUS WASTE REMED - BUR EASTERN REMEDIAL ACTION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION: MONITORING WELL 2S, CHIEMELESKI PROPERTY
REPORTING LAB: DEOP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: KET-FUEL:KETONES & PETROLEUM PRODUCTS PURGE & TRAP TECHNIQUE
SAMPLE TYPE: 191:TEST WELL OR MONITORING WELL
TIME OF SAMPLING: 96/08/08 12:35 DATE PRINTED: 96/09/06

<> *****
<> The purge and trap GC-FID chromatographic tracing for this <>
<> sample does not show a pattern indicative of <>
<> petroleum hydrocarbon contamination. <>

ANALYSIS: KET-FUEL KETONES & PETROLEUM PRODUCTS PURGE & TRAP METHOD
DATE REPORTED: 96/08/23 REPORT MAILED OUT

-----PARAMETER-----	-----RESULT-----
2-BUTANONE (METHYL ETHYL KETONE)	< 10. MCG/L
4-METHYL-2-PENTANONE (MIBK)	< 10. MCG/L
ACETONE	< 10. MCG/L
METHYL TERT BUTYL ETHER	< 10. MCG/L
PETROLEUM HYDROCARBONS	SEE TEXT

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
PH	6.43
ALKALINITY TO PH 4.5 (AS CACO ₃)	95. MG/L
SOLIDS, TOTAL DISSOLVED, 180 C	208. MG/L
SOLIDS, SUSPENDED	2500. MG/L
SULFATE	20. MG/L

**** END OF REPORT ****

COPIES SENT TO: CO(3), RO(1), LPHE(1), FED(), INFO-P(), INFO-L()

SALVATORE ERVOLINA
BUREAU OF EASTERN REMEDIAL ACTION
DEPT OF ENVIRONMENTAL CONSERVATION
50 WOLF RD. - ROOM 208
ALBANY ***INTERAGENCY MAIL***

SUBMITTED BY:CJ RAFFRTY

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

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PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9681088 SAMPLE RECEIVED: 96/08/08/ CHARGE: 1.37
PROGRAM: 6500:DIV. HAZARDOUS WASTE REMED - BUR EASTERN REMEDIAL ACTION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4122
POLITICAL SUBDIVISION: VALLEY FALLS V. COUNTY: RENSSELAER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 442028 VALLEY FALLS DRY CLEANERS
DESCRIPTION: MONITORING WELL 4S, CHARLES STREET VALLEY FALLS
REPORTING LAB: DEDP:DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: 10-999:NON SPECIFIC TEST PATTERN
SAMPLE TYPE: 191:TEST WELL OR MONITORING WELL
TIME OF SAMPLING: 96/08/08 12:10 DATE PRINTED: 96/09/06

***** ADDITIONAL PARAMETERS *****

-----PARAMETER-----	-----RESULT-----
PH	6.51
ALKALINITY TO PH 4.5 (AS CACO ₃)	103. MG/L
SOLIDS, TOTAL DISSOLVED, 180 C	180. MG/L
SOLIDS, SUSPENDED	1580. MG/L
SULFATE	19. MG/L

***** END OF REPORT *****

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Appendix G

Human Exposure Evaluation

EXPOSURE PATHWAYS ASSESSMENT

Valley Falls Drycleaner Site

Site # 442028

Valley Falls, Rensselaer County, New York

Introduction

The New York State Department of Health (NYSDOH) has developed this exposure pathways assessment for the Valley Falls Drycleaner site in Valley Falls, Rensselaer County, as part of the remedial investigation (RI) and feasibility study (FS) that is being completed by the New York State Department of Environmental Conservation (NYSDEC). The purpose of this exposure pathways assessment is to identify if people living at and near the site are being exposed or could be exposed to site chemicals in soil, soil gas and groundwater. The findings of this assessment will be used in conjunction with the findings of the RI to determine appropriate actions for remediation of contaminants at and near the site.

Site Location and Setting

The Valley Falls Drycleaners site, formerly known as Winchells Drycleaners, is part of a privately owned residential property at 11 Lyons Street in the Village of Valley Falls, Rensselaer County. The former drycleaning building was demolished by the current property owner. A concrete slab foundation is all that remains at the ground surface and the property owner has built a multiple car garage over a portion of this foundation. Access to the area of the former drycleaner building is via a small alley road off of Lyons Street. The area of the former drycleaner building is not fenced.

The area surrounding the site is a urban/residential area characterized by single and multiple family homes and some commercial properties. All of the structures rely on private wells for potable water supplies. The majority of the structures have individual septic systems although there are some homes which may be connected to an unregulated common sewer line which discharges to the Hoosic River. Nearby community buildings include a library, post office, volunteer firehouse, community building and a Catholic Church. A public park and playground is located adjacent to the Catholic Church, but is not served by a drinking water fountain. A nursery school operates in a privately owned building along State Street.

Background

In December 1991, a resident living near the site had their drinking water tested by a private laboratory. The resident had their water tested because of concerns about past operations at a former drycleaners adjacent to their property. The results of this sample showed tetrachloroethene, also known as perchloroethene (PCE), at a concentration of 115 micrograms per liter (mcg/L). Several breakdown products of tetrachloroethene were also found, including trichloroethene at 3.6 mcg/L and cis-1,2-dichloroethene at 3.7 mcg/L. The resident contacted the

Rensselaer County Health Department (RCHD) about the results in January 1992 and these results were also forwarded to the NYSDOH.

In January 1992, the NYSDOH, in conjunction with the RCHD, began sampling drinking water at the homes and businesses closest to the former drycleaner. The former drycleaner property includes a residence and the drinking water supply at this home was also sampled. Results of this sampling showed tetrachloroethene at concentrations ranging from 1.0 mcg/L to 190 mcg/L. Some of the drinking water supplies that were tested did not contain any site contaminants. At the home where the highest concentration of tetrachloroethene was detected (190 mcg/L), two other chemicals were also detected: cis-1,2-dichloroethene at 24 mcg/L and trichloroethene at 22.0 mcg/L. These two chemicals are known breakdown products of tetrachloroethene, a commonly used solvent in the drycleaning industry.

Based on these results, the NYSDOH requested that the NYSDEC take actions to prevent ongoing exposures to contaminants in drinking water. In March 1992, the NYSDEC requested that the United States Environmental Protection Agency (USEPA) undertake an emergency response action to provide the affected residences with potable water. The USEPA provided the affected homes with bottled water for drinking and cooking as a temporary measure until granular activated carbon (GAC) treatment units could be installed. In August 1992, the USEPA installed treatment systems at the five homes where tetrachloroethene had been found above the NYSDOH and USEPA drinking water standard of 5.0 mcg/L. After the carbon filters were installed, the NYSDEC agreed to take over the responsibility of monitoring and maintenance of the treatment systems, including installation of treatment systems at any other homes that were found to have contaminants in their drinking water at concentrations above NYSDOH drinking water standards. As part of the monitoring program, the NYSDEC has been sampling the drinking water supplies at those homes with treatment systems every six months (biannually).

In November 1994, results of the NYSDOH sampling showed 9.7 mcg/L of tetrachloroethene in the drinking water supply at a home on State Street. The NYSDEC installed a treatment system at this residence in December 1994. In April 1996, the NYSDOH sampled the drinking water supply serving a three unit apartment dwelling on State Street. The results of the sampling showed 5.2 mcg/L of tetrachloroethene and the NYSDEC installed a treatment system at this building in May 1996. Past sampling of the drinking water supply serving this building showed tetrachloroethene up to 4.2 mcg/L. Since groundwater contamination near the site was first discovered, GAC filter treatment systems have been installed at seven residences.

Summary of Private Well Sampling

Since 1992, the NYSDOH has sampled 110 private drinking water supply wells in the Village of Valley Falls to evaluate the extent of groundwater contamination. Tetrachloroethene was found in a total of 22 private wells at concentrations ranging from 0.5 mcg/L to 190 mcg/L. Several breakdown products of tetrachloroethene were also found in area private wells including trichloroethene (TCE) which was detected in three area wells at concentrations ranging from 0.5 mcg/L to 22.0 mcg/L and cis-1,2-dichloroethene which was found in one well at 24.0 mcg/L.

During the sampling, several other types of VOCs were found in some of the private wells that were tested including 1,1-dichloroethane which was detected in two wells at concentrations ranging from 0.5 mcg/L to 1.0 mcg/L; 1,1,1-trichloroethane was detected in two wells at concentrations ranging from 0.5 mcg/L to 0.9 mcg/L; methylene chloride was detected in two wells at concentrations ranging from 1.0 mcg/L to 2.9 mcg/L; toluene was detected in one well at 0.5 mcg/L and chloroform was found in three wells at concentrations ranging from 0.5 mcg/L to 0.9 mcg/L. All of these concentrations are below the applicable NYSDOH maximum contaminant level (MCL) for public drinking water supplies and these standards are used as guidelines to evaluate drinking water quality in private wells. NYSDOH has periodically resampled these wells and the source and occurrence of these contaminants has not been confirmed. Some of these VOCs are commonly found in solvents and other household products and may be associated with discharge of sanitary waste water to individual septic systems. Based on sampling data collected during the RI, these VOCs are not related to the Valley Falls Drycleaner site.

Summary of Remedial Investigation Data

The NYSDEC conducted a RI for the Valley Falls Drycleaner site from December 1995 to September 1996, which included sampling of groundwater, soil and soil vapor.

Sampling of groundwater during the RI showed tetrachloroethene at levels ranging from 12 mcg/L to 230 mcg/L in all three of the shallow monitoring wells (MW) downgradient of the site. Tetrachloroethene was detected in only one of the deep monitoring wells (MW 3D) at 12 mcg/L. Shallow downgradient monitoring wells MW-2S and MW-4S also showed cis-1,2-dichloroethene at concentrations ranging from 7 mcg/L to 52 mcg/L and trichloroethene was also found in MW-2S at a maximum concentration of 26 mcg/L. No site contaminants were detected in the upgradient monitoring wells (MW1S and MW1D). Metals were analyzed in two groundwater samples collected from shallow monitoring wells near the site. Elevated levels of iron were found in both samples at 1900 mcg/L and 2200 mcg/L and lead was detected in one sample at 110 mcg/L. These samples were not filtered before analysis and the elevated levels of iron and lead in these samples is attributed to the presence of high total suspended solids.

Results of the soil gas survey showed tetrachloroethene in 34 of the 50 samples that were collected and trichloroethene was found in six of these samples. The soil gas survey was conducted in the area of the old drycleaner building foundation and the immediate area to the south of this foundation. The highest concentrations of perchloroethene were found along the southern edge of the foundation of the former drycleaner building at a maximum concentration of 8.97 parts per million by volume.

Four sediment samples were collected from the on-site drywell and tetrachloroethene was detected in all four samples at concentrations ranging from 90 micrograms per kilogram (mcg/kg) to 330 mcg/kg.

Subsurface soil samples were also collected from monitoring well borings, test pits and soil gas locations. Tetrachloroethene was found in five of the eight soil samples that were collected at

concentrations ranging from 43 mcg/kg to 4100 mcg/kg. Trichloroethene was detected in two of these samples at a maximum concentration of 45 mcg/kg. In September 1996, the NYSDEC collected additional subsurface soil samples from nine borings in the area of the former drycleaner building foundation. These samples were collected from six to ten feet below the ground surface and tetrachloroethene was found in all of the samples at concentrations ranging from 150 mcg/kg to 170,000 mcg/kg. Trichloroethene and cis-1,2-dichloroethene were found in one subsurface soil boring sample at 8 mcg/kg and 26 mcg/kg, respectively. Toluene was detected in two of the subsurface soil boring samples at a maximum concentration of 60 mcg/kg.

Human Exposure Pathways to Site Contaminants

Groundwater at and near the site is contaminated with tetrachloroethene and to a lesser degree, its breakdown products, trichloroethene and cis-1,2-dichloroethene. The site is within an incorporated village and nearby homes and business use groundwater as a drinking water supply. Sampling of area private wells by the NYSDOH has shown tetrachloroethene in 22 drinking water supplies. The concentration of tetrachloroethene exceeds the NYSDOH drinking water maximum contaminant level (MCL) of 5.0 mcg/L in seven of these wells. GAC and UV light treatment systems were installed at these homes to remove tetrachloroethene from the affected drinking water supplies. In fifteen other wells, tetrachloroethene was detected at concentrations below the NYSDOH MCL of 5.0 mcg/L. This standard has been developed for protection of public water supplies and is used as a guideline to evaluate drinking water quality in private wells. People whose wells are contaminated with tetrachloroethene can be exposed to this chemical via ingestion (drinking), dermal absorption (skin contact) and inhalation (breathing during showering and other household uses). There is a potential for additonal wells to become contaminated in the future if the contaminant source area is not remediated.

Soil vapor under the foundation of the former drycleaner building and south of the building is contaminated with tetrachloroethene and related breakdown products. Volatile organic compounds (VOCs), such as tetrachloroethene and trichloroethene, can volatilize from groundwater or a contaminant source into the pore spaces between soil particles in overburden soils. This volatile chemical can migrate in vapor form through the soil horizon, away from the source area. Based on the data collected during the RI, contaminants in soil vapor are believed to be limited to the area around the former drycleaner building. Currently, there is limited potential for exposure to contaminants in soil vapor. However, there is a potential for future exposure to contaminants in soil vapor by people who complete excavations in the area of soil vapor. These people would most likely be exposed to tetrachloroethene, trichloroethene and cis-1,2-dichloroethene via inhalation.

Subsurface soils at the site are contaminated with elevated levels of tetrachloroethene and much lower levels of trichloroethene and cis-1,2-dichloroethene. Currently, the potential for exposure to these contaminated soils is minimal. The contaminated soils are 6-10 feet below ground and the highest levels were found in soils beneath the existing concrete foundation of the former drycleaner building. However, there is a potential for future exposure to contaminants in subsurface soils by people who complete excavations in the area of contaminated soils. These people could be exposed to tetrachloroethene via dermal contact,

incidental ingestion of contaminated soil particulates and inhalation of contaminated soil particulates.

Sediments in the on-site drywell are contaminated with tetrachloroethene at a maximum concentration of 330 mcg/kg. Currently, the potential for human exposure to contaminated sediments in the existing drywell is minimal. The drywell is buried two feet below ground. However, there is a potential for future exposures to contaminated sediment in this drywell by people who may complete excavations of the drywell. These people would most likely be exposed to tetrachloroethene via dermal contact.

Conclusions

Groundwater at and near the Valley Falls Drycleaner site is contaminated with tetrachloroethene, trichloroethene and cis-1,2-dichloroethene.

The community near the site relies on groundwater as a drinking water supply. Twenty-two private drinking water wells are contaminated with tetrachloroethene, however, only seven of these wells show contamination at levels above the NYSDOH drinking water MCL of 5.0 mcg/L.

GAC treatment systems were installed at the seven homes whose drinkingwater supply wells showed site contamination above NYSDOH drinking water MCLs.

There is a potential for ongoing and future exposures to site contaminants in groundwater via ingestion (drinking), inhalation (breathing) and dermal adsorption (skin contact).

Public water service does not exist in the Village, therefore, extension of public water to the affected residences is not a viable option to minimize human exposure to site contaminants.

The highest levels of tetrachloroethene were found in subsurface soils beneath the foundation of the former drycleaner building. Sediments contaminated with tetrachloroethene were also found in the existing drywell at the site.

Currently, the potential for human exposure to contaminated subsurface soils and drywell sediments is minimal. However, there is a potential for future exposures to tetrachloroethene by people who complete excavations in the area of contaminated subsurface soils and the drywell.

Soil vapor is contaminated with tetrachloroethene, trichloroethene and cis-1,2-dichloroethene. However, the extent of contaminated soil vapor is believed to be limited and not likely to be affecting indoor air quality at nearby residences.

Recommendations

Contaminated soils and waste materials at the site should be remediated to remove the source of groundwater contamination and minimize future contamination of groundwater.

Remediation of contaminated groundwater should be considered.

Actions should be taken to prevent ongoing and future exposures to site contaminants in drinking water.

Monitoring and maintenance of the individual whole house drinking water treatment systems should continue as appropriate.

Long-term monitoring of the affected private wells which show low levels (i.e., below the NYSDOH MCL of 5.0 mcg/L) of site contaminants should occur.

Documents Reviewed

New York State Department of Environmental Conservation (NYSDEC), Division of Hazardous Waste Remediation, Bureau of Central Remedial Action. Draft Remedial Investigation Report: Valley Falls Drycleaner (Site # 4-42-028); July 1996.

New York State Department of Health (NYSDOH), Bureau of Environmental Exposure Investigation (BEEI). Project Files: Valley Falls Drycleaner (Site # 442028) - Valley Falls (V), Rensselaer County; 1992 - 1996.

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